第一核能發電廠除役低放射性廢棄物貯存庫

安全分析報告附件

台灣電力公司

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目　　錄

附件 1　　場址特性參數與設計基準關係說明

附件 2-1　設計基準符合「放射性廢棄物處理貯存及其設施安全管理規則」檢核分析表

附件 2-2　其他設計基準檢核分析表

附件 2-3　廢棄物包件氫氣排放評估計算書

附件 2-4　三號低貯庫 T 容器熱流評估計算書

附件 2-5　容器堆疊穩定分析計算書

附件 2-6　排水計算書

附件 2-7　核一廠三號低貯庫東側邊坡監測計畫

附件 3-1　結構計算書

附件 3-2　核一廠低放 T 容器屏蔽分析計算書

附件 3-3　核一廠三號低貯庫屏蔽分析計算書

附件 4　　核一廠三號低貯庫技師簽證資料

附件 1　　場址特性參數與設計基準關係說明

附件 1

場址特性參數與設計基準分析表

第二章	章節名稱	場址特性數值	設計基準	判定標準
2.1 地理環境與特性	導則要求： 提供一適當比例尺之地圖，清楚標明貯存設施所有場界範圍與附近重要地理特徵，包括道路、河川、鄉鎮、山脈、湖泊、海岸線等。			
2.2 地質與地震	2.2.1 地質	二、地質構造 金山斷層未歸類為活動斷層；山腳斷層暫列為第二類活動斷層	構造安全設計時，水平及垂直地震力皆不考慮近斷層效應	依據「建築物耐震設計規範」，山腳斷層未納入規範考量。
		表 2.2.1 三號低貯庫場址簡化土層工程參數	以簡化土層工程參數分析求得基礎承載力，作為基礎型式設計基準	基礎設計須滿足上部結構載重需求
2.3 水文	二、河川水文	當乾華溪發生可能最大洪水時(PMF)，計畫場址位置之乾華溪水位高程將達到 EL.+19.28 m，另外，發生 50 年重現期距降雨情況下，乾華溪洪水位為 EL.+15.98 m。	依據洪水位高程考量設施防洪措施。	設施入口處若低於洪水位高程，則需另外設計防洪措施。
	二、地下水文	場址周圍之地下水位高程介於 15.42 m 至 18.43 m 之間	依據場址地下水位高程決定基礎防水措施之設計	基礎若位於地下水位高程範圍內則必須納入防水設計
2.4 氣象	二、氣象資料	淡水站平均最高氣溫及最低氣溫，以及對應之相對濕度	以淡水站最高溫、最低溫及相對濕度計算乾、溼球溫度，作為空調之設計基準	無
	三、雨量資料	富貴角雨量資料	取富貴角年平均降雨量作為基地排水設施設計基準	依據「水土保持技術規範」，需取距離開挖區域最近之雨量站作為設計分析依據
2.5 周圍人口概況	導則要求： 1.場址為中心並以適當比例地圖標示半徑五公里範圍內鄉鎮市之位置及人口超過一千人之聚集點 2.關鍵群體所在地點、生活或活動特性資料之調查結果			
2.6 交通狀況	導則要求：			

第二章	章節名稱	場址特性數值	設計基準	判定標準
	提供場址附近交通運輸系統(包括鐵路、公路、海運等)之運輸能力及負荷量等資料			
2.7 水土保持現況	2.7.1 環境地質災害	計畫場址鄰近無新北市山崩與地滑地質敏感區	無	因計畫場址鄰近無山崩與地滑地質敏感區，故依據地質法無須進行後續調查作業
		計畫場址鄰近無土石流潛勢溪流	無	因計畫場址鄰近無土石流潛勢溪流，故無設計對應防災設施
	2.7.2 東側邊坡穩定評估	平時情境最小安全係數為 1.91，暴雨情境最小安全係數為 1.47，地震情境最小安全係數為 1.36	無	東側邊坡安全係數滿足「水土保持技術規範」之邊坡穩定要求，故無設計對應邊坡穩定措施
2.8 海岸環境特性	2.8.2 海嘯	本計畫之海嘯高度保守考量「核一廠 PDSAR」，取 EL.+10.73 m	無	三號低貯庫設施高程及車道高程皆高於海嘯溯上高程，故無需設計對應防海嘯措施

附件 2-1　設計基準符合「放射性廢棄物處理貯存及其設施安全管理規則」檢核分析表

附件 2-1

設計基準符合「放射性廢棄物處理貯存及其設施安全管理規則」檢核分析表

條文項次	條文內容	三號低貯庫設計基準	檢核結果
第三章			
第 13 條	1. 放射性廢棄物貯存設施(以下簡稱貯存設施)之設計，應符合下列規定： 一、具有輻射監測設備。 二、具有火災偵測受信及消防設備。 三、具有洩水收集功能及取樣設備。 四、具有廢棄物接收、偵檢、操作監控及貯存之功能。 五、訂定最高貯存活度或貯存容量。 六、採取適當措施，降低盛裝容器之腐蝕速率。 七、具有廢棄物再取出之功能。 八、防震設計，能確保設備及結構之安全。 2. 高放射性廢棄物貯存設施之設計，另應符合下列規定： 一、貯存護箱具有維持散熱、密封、輻射屏蔽、結構及次臨界之功能。 二、核子保安及保防作業之要求。	1. 貯存設施規定： 一、依輻射分析結果設計區域輻射偵測設備；依排放方式設計流程輻射偵測設備。 二、依據「各類場所消防安全設備設置標準」設計。 三、依據可能洩水來源設計廢液收集槽及取樣作業。 四、依據 T 容器特性設計三號低貯庫接收、偵檢、操作監控及貯存作業程序。 五、依據「核一廠除役計畫」設計三號低貯庫貯存總活度及 T 容器數量。 六、管制區依據溫溼度需求設計獨立空調系統。 七、依據定期檢查需求設計檢整流程並於貯存區設計包件暫置空間。 八、依據民國 111 年 10 月之最新版建築物耐震設計規範進行設施耐震設計。 2. 高放射性廢棄物貯存設施規定： 三號低貯庫不貯存高放射性廢棄物，本項不適用。	符合法規
第 14 條	1. 貯存設施之輻射防護設計，準用第五條第一項規定。 2. 核子反應器設施之貯存設施，其輻射防護設計，應符合核子反應器設施管制法規之規定。	1. 設施外一般人所造成之個人年有效劑量依據核一廠除役環評要求，為 0.05 mSv。 2. 三號低貯庫輻射防護設計符合核子反應器設施法規中之輻射防護規定。	符合法規
第 15-1 條	1. 處理設施與核子反應器設施運轉所產生之低放射性廢棄物，未經安定化處理者，貯存不得超過五年。 2. 經評估無法於五年內進行安定化處理者，經營者應提報安定化處理規劃，報請主管機關同意後，始得繼續貯存。	三號低貯庫貯存之廢棄物為除役產生之金屬低放設性廢棄物，廢棄物本體為安定狀態。	法規不適用
第 16 條	低放射性廢棄物貯存設施於接收廢棄物時或運轉期	檢整區規劃於卸載區內，相關設計及運轉程序擬定	符合法規

條文項次	條文內容	三號低貯庫設計基準	檢核結果
	間發現容器銹蝕、變形或固化體劣化等，經營者應進行檢整作業。 檢整作業應符合下列規定： 一、氣候條件不適宜進行檢整作業時，停止作業。 二、檢整作業人員，應接受輻射防護作業、檢整作業操作、緊急應變處理及工安衛生等訓練。 三、檢整作業時，在主管機關認可之輻射防護人員監督下進行。 四、檢整完成之盛裝容器依第十二條之規定標示。 五、檢整後盛裝容器表面之非固著性污染限值，依第十一條之規定。 六、檢整作業區之空浮濃度依游離輻射防護法規之規定。	依據「放射性廢棄物處理貯存及其設施安全管理規則」及「游離輻射防護法」執行。	
第 17 條	經營者應於貯存設施運轉執照核發或換發後，每十年執行貯存設施再評估，並將再評估報告載明下列事項，報請主管機關核備： 一、綜合概述。 二、設施結構檢查及評估。 三、吊卸設備檢查及評估。 四、廢棄物貯存狀況評估。 五、貯存作業評估。 六、輻射影響評估。 七、十年來異常事件經驗回饋。 八、除役初步規劃。 九、其他經主管機關指定之事項。	本案為新設低放射性廢棄物貯存設施建造執照申請。	法規不適用
第 18 條	1. 貯存設施經十年再評估後，發現盛裝容器銹蝕、變形或固化體劣化時，經營者應提出載明下列事項之檢整計畫，報請主管機關核准後實施檢整作業： 一、作業概述，含工作內容、人員編組、工作時程表、作業場所及檢整後之貯存區佈置等。	本案為新設低放射性廢棄物貯存設施建造執照申請。	法規不適用

條文項次	條文內容	三號低貯庫設計基準	檢核結果
	二、檢整作業相關設備，含處理設備或固化劑等。 三、檢整作業程序。 四、輻射防護措施。 五、檢整作業後之廢棄物處理。 六、工業安全衛生措施。 七、人員劑量及環境輻射影響評估。 八、意外事故之應變措施。 九、品質保證措施。 十、其他經主管機關指定之事項。 2. 檢整計畫執行完成後六個月內，經營者應就檢整作業經過提出報告，報請主管機關備查		
第 19 條	處理意外事件產生之放射性廢棄物或因意外事件造成裝有放射性廢棄物盛裝容器毀損者，得先移至貯存設施內。經營者應於一個月內依前條之規定提出檢整計畫，報請主管機關核准後實施。	檢整區規劃於卸載區內，貯存區亦規劃包件暫置區。相關設計及運轉程序擬定依據「放射性廢棄物處理貯存及其設施安全管理規則」執行。	符合法規

附件 2-2　其他設計基準檢核分析表

附件 2-2

其他設計基準檢核分析表

設計對象	項目	細項	設計基準	相關法規/標準
設施構造	基礎設計	基礎型式	採筏式基礎 1.長期容許垂直承載力 161.5 tf/m^2 2.短期容許垂直承載力 241.6 tf/m^2 3.長期水平承載力 13081.5 tf 4.短期水平承載力 16351.9 tf	依據「建築物基礎構造設計規範」第四章評估基礎承載力。
		容許沉陷量	1.限制角變量 1/500 2.容許總沉陷量 30 cm	依據「建築物基礎構造設計規範」4.4.8 節訂定容許沉陷值。
	結構設計	風力設計	1.基本設計風速 V10(C) = 42.5 m/s 2.地形參數取地況 C 3.風力設計之用途係數 I=1.1	依據「建築物耐風設計規範及解說」執行風力計算。
		耐震設計	1.地震力計算方式依據「建築物耐震設計規範」計算 2.結構韌性容量考慮「容許韌性容量」計算 3.用途係數 I 取 1.5	依據原能會物管局 2017 年 9 月 15 日召開之「放射性物料臨時管制會議紀錄」，針對放射性廢棄物設施耐震設計之決議方式辦理貯存設施耐震設計。
		結構設計	1.載重組合： (1a)：1.4(D+F) (2a)：1.2(D+F+T)+1.6(L+H)+0.5(Lr 或 R) (3a)：1.2D+1.6(Lr 或 R)+(1.0L 或 0.8W) (4a)：1.2D+1.6W+1.0L+0.5(Lr 或 R) (5a)：1.2D+1.0E+1.0L (6a)：0.9D+1.6W+1.6H (7a)：0.9D+1.0E+1.6H 2.混凝土材料 (1)結構混凝土 f'c=350 kgf/cm^2 (2)墊層混凝土 f'c=140 kgf/cm^2 (3)暴露環境類別為 S0 等級，但結構材料選用時，仍規劃混凝土採第 II 型水泥	依據「混凝土結構設計規範」進行結構設計以及材料選用。

設計對象	項目	細項	設計基準	相關法規/標準
			3.鋼筋材料 (1)D13(#4)及以上：CNS 560 A2006 SD420W 熱軋竹節鋼筋，鋼筋降伏強度 fy = 4,200 kgf/cm^2 (2)D10(#3)及以下：CNS 560 A2006 SD280W 熱軋竹節鋼筋，鋼筋降伏強度 fy = 2,800 kgf/cm^2	
	基地排水設計	基地排水系統設計	採 25 年重現期距之降雨強度設計。	依據「水土保持技術規範」第一三節 坡地排水系統之規定辦理。
		沉砂滯洪池設計	採 50 年重現期距之降雨強度設計。	依據「水土保持技術規範」第一六節 滯洪設施之規定辦理。
	消防設計	滅火系統	1.貯存區及卸載區以非水系乾粉滅火器為主，配置數量依據「各類場所消防安全設備設置標準」。 2.輔助區消防設備配置依據「各類場所消防安全設備設置標準」以及「建築技術規則」配置。	1.新設建築須依據「各類場所消防安全設備設置標準」以及「建技規則」規定進行消防設計。 2.符合「放射性廢棄物處理貯存及其設施安全管理規則」規定，貯存設施具有火災偵測受信及消防設備。
		火警、緊急廣播及緊急照明系統	依據「各類場所消防安全設備設置標準」以及「建築技術規則」配置。	
		建築構造防火時效	設施內之之構造防火時效為 1 小時以上。	
輻射防護	安全限值		1.貯存區及卸載區為管制區(不設劑量限值)。 2.輔助區及貯存設施屋頂外為監測區，劑量值須低於 5.0×10^{-3} mSv/h。 3. 單一貯存設施造成廠外民眾劑量限值為 0.05 mSv/y。	1.監測區劑量限值依據「核一廠地區管制劃分標準」規定 2.工作人員劑量符合「游離輻射安全防護標準規定」。
作業安全	貯存設備	60 噸固定式吊車	固定式吊車之設計依照下列規範辦理： 1.CNS 4616 C4140 電動起重機 2.CNS 4617 C3057 電動起重機檢驗法 3.CNS 6426 B1216 起重機鋼結構部分之計算標準 4.CNS 6543 B4039 架空移動起重機 5.CNS 1056 C4023 低壓三相感應電動機	設計基準使用之規範已依照相關標準及職業安全衛生法規作為設計依據。

設計對象	項目	細項	設計基準	相關法規/標準
			6.固定式起重機安全檢查構造標準 7.AWS-American Welding Society 8.職業安全衛生法施行細則 9.危險性機械及設備安全檢查規則 10.起重升降機具安全規則 11.屋內線路裝置規則	
		T 容器電動吊具	吊具設計使用規範： DIN EN ISO 13155 Crane - Safety - Non-fixed load lifting attachments	依據台電公司「核電廠除役低放射性廢棄物盛裝容器研發 – 細部設計圖說」，T 容器手動吊具採用 DIN EN ISO 規範設計，故本案電動吊具同樣使用 DIN EN ISO 規範設計。
	照明設備		工作人員主要作業活動空間(如：卸載區及輔助區)之照明設計基準依據「CNS 室內工作場所照明」及「職業安全衛生設施規則」之規定辦理。	設計基準使用「CNS 室內工作場所照明」及「職業安全衛生設施規則」之規定，符合新設建築要求。
	通風排氣		1.非清潔區室內微負壓。 2.貯存區常時溫度維持 30˚C 以下，濕度 65%以下。 3.其他設備及配置設計基準依據「建築技術規則」、「ASHRAE」、「SMACN」及「CNS 標準」規定辦理。	除了功能需求外，通風排氣設計基準亦依據「建技規則」、ASHRAE 及「SMACN」及「CNS 標準」規定辦理，符合要求。
公用設施或系統之設計	通訊設備		設備間視距離採用乙太網路線或光纖設計通訊方式，依 IEEE 802.3、802.11 以及 IEC/EN61850-3 設計。	採用「IEEE 802.3 Standard for Ethernet」、「IEEE 802.11 Standard for Wireless Networks」以及「IEC/EN61850-3 Communication networks and systems for power utility automation - Part 3: General requirements」，為常用通訊標準。

設計對象	項目	細項	設計基準	相關法規/標準
	電力設備		依據「建築技術規則」及「用戶用電設備裝置規則」作為設計基準。	新設建築使用「建技規則」及「用戶用電設備裝置規則」作為設計依據，符合法規要求。
	給排水系統	給水設備	依據「建築技術規則」及「建築物給水排水設備設計技術規範」作為設計基準。	新設建築使用「建技規則」及「建築物給水排水設備設計技術規範」作為設計依據，符合法規要求。
		衛生排水設備	依據「建築技術規則」及「建築物給水排水設備設計技術規範」作為設計基準。	新設建築使用「建技規則」及「建築物給水排水設備設計技術規範」作為設計依據，符合法規要求。

附件 2-3　廢棄物包件氫氣排放評估計算書

台灣電力公司

附件 2-3

廢棄物包件氫氣排放評估計算書

中華民國 113 年 7 月

一、工作概述

依據 T 容器開發設計報告(台電公司，2022)以及 T 容器操作說明書(台電公司，2022)，T 容器於盛裝除役金屬低放射性廢棄物後，必須進行灌漿固定，才可運出貯存。由於表面污染金屬及中子活化金屬具有放射性，此輻射會分解灌漿體，使氫氣(H_2)釋出，為確保氫氣不會在 T 容器內部累積而發生爆炸，所有種類的 T 容器皆於頂蓋處設計金屬燒結過濾器，並於貯存期間維持開啟狀態。

三號低貯庫是設計為專門貯存 T 容器型式之廢棄物包件的貯存庫，貯存區及卸載區相連，除了裝設屏蔽門之人員及車輛出入口外，內部不設窗戶，通風採用機械式通風，因此，必須針對廢棄物包件的氫氣產出量進行評估，以確認三號低貯庫內部有無氫氣累積的爆炸風險，並提供相對應的設計基準作為通風設計的條件依據。

二、分析方法

廢棄物包件隨時間之總產氫量以下列理論計算方式求得：

(一)計算灌漿後不同時間之累積產氫量

各型 T 容器進行灌漿後，混凝土中所含水分將因產受輻射分解而產生氫氣。依據「核電廠除役低放射性廢棄物盛裝容器研發—容器概念設計報告(定稿版)」(台電公司，2021)成果，混凝土中水分因輻射分解而產生氫氣可透過下式進行計算:

$$n_R(t) = G \times E_{Co-60} \times f \times A_0 \times \frac{T_{1/2}}{\ln(2)} \times \left[1 - exp\left(-\ln(2) \times \left(\frac{t}{T_{1/2}}\right)\right)\right]$$

輻射分解可透過 G 值進行特徵化，且 G 值會隨著混凝土含水量變化而改變。由於箱體中混凝土含水量變化受混凝土接觸空氣面積與溫度等因素影響，預測不確定性過高，故 G 值均採用混泥土水體之最大 G 值 0.52 molecules/100 eV 進行設定。考量本報告相關分析均是以 Co-60 為代表核種，Co-60 核種衰變會釋

放出 2 個光子，故 $E_{co\text{-}60}$ 設定為 2.6×10^6 eV/Bq，半化期為 5.272 年。f 為混凝土的輻射加權吸收能力，為混凝土重與混凝土及金屬廢棄物總重之比值，各 T 容器計算所需參數如表 1 所列。由於 T5M 與 T5D 合計數量 930 個，為求保守以產氫能力較佳之 T5M 作為代表。

表 1　累積產氫量計算所需 T 容器參數

	T1	T2	T3	T4	T5M
容器數量 (個)	20	160	75	645	930
Co-60 設計活度 (Bq)	7.10×10^{14}	8.80×10^{13}	2.83×10^{12}	7.45×10^{11}	1.46×10^{10}
裝載廢棄物重量(kg)	7,100	8,800	11,300	14,680	22,608
混凝土漿體重量(kg)	2,903	4,747	6,953	6,599	8,122
f 輻射加權吸收能力	0.290	0.350	0.381	0.307	0.356

(二)計算排出之氫氣體積

使用理想氣體公式 PV = nRT 以求得氫氣體積，其中三號低貯庫室內壓力設定為 1 大氣壓，室內溫度保守假設為 50 ℃。假設全數 T 容器同時於三號低貯庫內完成灌漿與貯存作業，所產生之氫氣均逸散至三號低貯庫室內空間，且三號低貯庫完全密封且不進行通風換氣。經過不同時間之累積產氫量如表 2 所列。

表 2　不排氣條件下之累積產氫量與平均產氫量

時間	30 天	180 天	1 年	5 年	10 年	25 年	40 年
累積產氫量 (m^3)	14.3	83.3	163.4	638.9	970.0	1,276.5	1,319.2
平均產氫量 (m^3/day)	0.48	0.46	0.45	0.35	0.27	0.14	0.09

(三)三號低貯庫氣體體積

雖然三號低貯庫貯存區及卸載區空間相連，但評估僅保守考慮貯存區空間，並扣除 1830 個 T 容器體積，代表貯存區之氣體總體積。

貯存區空間=70.2 m × 39.75 m × 19.5 m × 1,000 = 54,414 m^3

T 容器體積 = 2 m × 1.85 m × 1.85 m × 1830 = 12,526 m^3

貯存區氣體體積 = 54,414 - 12,526 = 41,887 m^3

(四)氫氣濃度限值

氫氣濃度達爆炸下限之濃度為氫氣占空氣體積比例達 4%，依前述三號低貯庫氣體體積 41,887 m^3 進行估算，氫氣總量須達 1,675 m^3 才會達到氫氣爆炸之下限濃度限值。

三、分析結果

檢核表 2 所列不同時間之累積產氫量，即使在輻射分解特性與貯庫高溫且不換氣等保守考量設定下，40 年間之累積產氫量約為 1,319 m^3 仍低於氫氣爆炸之下限濃度限值。

四、結論

(一)依據表 2 分析結果，於灌漿後不同時間點之包件產氫量計算貯存區氫氣濃度，發現即使在包件產氫量高峰期(灌漿後 0 ~ 1 個月)，貯存區累積氫氣濃度僅為 0.03%，遠低於氫氣爆炸濃度下限 4%，可知廢棄物包件之產氫量不會造成貯存區氫氣爆炸風險。

(二)由前述計算可知，即使貯存區成密封狀態，於貯存執照 40 年間均不進行換氣，累積氫氣濃度亦無法達到爆炸下限濃度。

(三)由前述兩項結論可知，在保守考慮貯存區貯滿 1,830 個 T 容器，且每個 T 容器皆達到其設計裝載比活度之條件下，貯存區之氫氣濃度仍遠低於氫氣爆炸濃度下限，因此，三號低貯庫無氫氣爆炸風險，貯存區通風空調設計可忽略氫氣控制。

附件 2-4　三號低貯庫 T 容器熱流評估計算書

台灣電力公司

附件 2-4

三號低貯庫 T 容器熱流評估計算書

中華民國 113 年 7 月

目錄

目錄.....i
圖目錄.....ii
表目錄.....iii
一、前言.....1
二、結果概述.....2
三、分析工具適用性評估與模式建立.....3
3.1 分析工具適用性評估.....3
3.2 分析模式建立.....4
3.3 假設與邊界條件設置.....9
四、案例規劃與討論.....11
4.1 正常貯存案例(廠房混凝土熱傳導係數 1.8W/m-K).....11
4.2 正常貯存案例(廠房混凝土熱傳導係數 0.5W/m-K).....12
4.3 事故 24 小時升溫評估.....14
五、參考文獻(References).....18

圖目錄

圖 1、核一廠低貯庫關鍵幾何資訊.....5
圖 2、核一廠低貯庫 T-容器列置資訊.....6
圖 3、廠房分析模式，含風管與迴風管.....7
圖 4、分析模式之網格分布.....8
圖 5、採用較高熱傳導係數所獲之溫度分布.....12
圖 6、採用較低熱傳導係數所獲之溫度分布.....13
圖 7、事故 24 小時末之整體溫度分布.....16
圖 8、事故 24 小時期間升溫趨勢與能量守恆預估之比較.....17

表目錄

表 1、各類 T 容器最大填充率與實際熱源 2
表 2、各類 T 容器最大填充率與實際熱源 3
表 3、本案選用分析工具於同應用領域之使用先例與適用性 4
表 4、各類 T 容器具有之熱源 7
表 5、各類容器之熱源 9
表 6、均質化容器性質 9
表 7、各類容器於正常貯存狀況下之保守表面溫度 11
表 8、當廠房存在附加隔熱措施時，各類容器於正常貯存狀況下之可能表面溫度 13
表 9、事故 24 小時後各式 T 容器溫度分布 17

一、前言

本計算書係針對台電除役計畫中，擬針對低放射性廢棄物裝載容器T-BOX(以下簡稱T容器)之貯存庫(以下簡稱低貯庫)進行熱流分析，評估在保守考量最大單一容器熱負載與整體保守熱負載的同時，一併將T容器堆疊參數(含列置及間距)進行保守考量後所得之熱流特性，並提供作其表面溫度量值以作為設計評估之依據。

本報告架構將依其內容概分為以下各章：第二章概述相關作業所獲結果；第三章敘述引用相關分析模式所需之評估與查核作業，以證實本分析作業符合相關品保管理之要求；第四章說明案例規劃與分析假設；第五章則簡述分析結果；第六章則條列本報告引用之參考文獻。

二、結果概述

本計算書係評估核一低貯庫在裝載最大設計容量之 T 容器後，在內部熱負載與日照輻射下，各式 T 容器之表面溫度最大值，並作為低貯庫發生喪失電力 24 小時後 T 容器升溫之評估依據。分析結果顯示，在各項保守條件下各式 T 容器之溫度值如下表 1 所列。

表 1、各類 T 容器最大填充率與實際熱源

容器類別	CFD 求得最高溫度(˚C)	能量守恆求得最高溫度(˚C)
T1	47.15	50.106
T2	47.09	
T3	46.60	
T4	47.26	
T5	46.87	

三、分析工具適用性評估與模式建立

各式 T 容器之最大發熱量在 100%裝載條件下僅為 320W，在考慮組件切割與安置之限制下，實際裝條件與各類 T 容器之發熱量則如表 2 所示。該表顯示台電所規劃使用之 T 容器熱量遠小於國際間將貯存容器於設計時需將其視為具熱源之條件(例如 2000 W/m3)。此外，且國內主管機關於 110 年 5 月 13 日所頒定之「放射性廢棄物處理貯存及其設施安全管理規則」[1]中僅於第 13 條第 2 項針對高放射性廢棄物貯存設施要求其貯存護箱具有維持散熱之能力要求，惟對本計算所擬評估之低階放射性廢棄物類別，並未直接要求其分析工具與評估條件。

表 2、各類 T 容器最大填充率與實際熱源

類別	T1	T2	T3	T4	T5-N
設計熱源(W)	320	50	10	1	1
充填率(%)	45.1	43.3	39.7	46.2	50
實際熱源上限(W)	144.32	21.65	3.97	0.462	0.5

3.1 分析工具適用性評估

為能確保分析工具之適用性，本計算書於以下進行低貯庫各項熱流特徵與特性之比對，並確認所選分析工具之適用性：

1. 需具備能求解共軛熱傳並考慮輻射熱傳之能力；此項功能主要係用以模擬 T 容器貯存於廠房中，其容器內部之傳導對廠房內空間之對流與移熱機制；

2. 需能求解自然對流；由於廠房設計可能於正常設計下存在自然對流與強制對流混和之流場，且於喪失電源時可能存在自然對流，故需具備模擬自然對流之能力。

3. 需能適切反應廠房受日照影響與外界對流之效應；廠房受日照影響時，將由廠房的結構體吸收日照輻射熱，再透過對大氣之輻射對流與內部組件表面的輻射與內部因空調裝置而維持的冷空氣進行散熱，且預期因為日照輻射之熱貢獻將遠

大於內部 T 容器之熱源，故需具備合適之模式處置能力以反應日照熱源。

4. 需有合適的紊流模式以掌握廠房內之流場特徵；當自然對流條件下之雷利數達到 109 以上時，即需適度考慮紊流之流場影響。故分析工具需能適度的提供對應的紊流模式。

經檢索後本分析選擇以 ANSYS FLUENT [2]作為分析工具，其各項分析適用性條件如表 3 所示。

表 3、本案選用分析工具於同應用領域之使用先例與適用性

分析模式	方法/模式	是否符合需求	相同使用範疇之先例
共軛熱傳	有限體積法求解納維-斯托克斯方程 (Navier–Stokes equations)	是	曾永信、陳俊宇，「清華大學乾貯系統熱流分析模式發展計算書」，清華大學，原科中心，2015[3]。
輻射熱傳	DO-模式	是	1.曾永信、陳俊宇，「清華大學乾貯系統熱流分析模式發展計算書」，清華大學，原科中心，2015[3]。 2.施純寬「核二廠用過核子燃料乾式存設施熱傳安全驗證研究」，清華大學，2012[4]。
日照輻射熱	具熱源薄殼熱傳	是	
紊流模式	k-ω SST	是	

3.2 分析模式建立

依據規劃之廠房與容器列置資訊(如圖 2 所示)，本分析模式可以逕行將計算域劃定為貯存區與檢查區，而忽略輔助區之模擬，這是因為輔助區不像檢查區與貯存區之間存在半開放之狀況，且忽略輔助區並逕自將其牆面視為具日照之邊界條件有助於同時簡化模式並獲得一定程度之保守度。

此外，依據圖 2 所示之 T 容器列置資訊可以得知，於廠房中之列置係規劃為間距 15cm，惟考慮各項作業之潛在誤差，並參考容器最初設計廠家之資訊係規劃為 10cm 以上之間隙，故將模式中之容器列置間距以 10cm 為條件進行設定，而多出之樓板面積，則仍設定為 T5 或 T4 容器以增加熱源體積，進而增加些許保守度。此外，本分析複雜之處在於所有 T-BOX 之間不可能詳實計算其容器間的間隙而需適度簡化；但同時 T1 與 T2 容器因熱源較高而無法只以堆疊後之區塊外表面進行散熱。

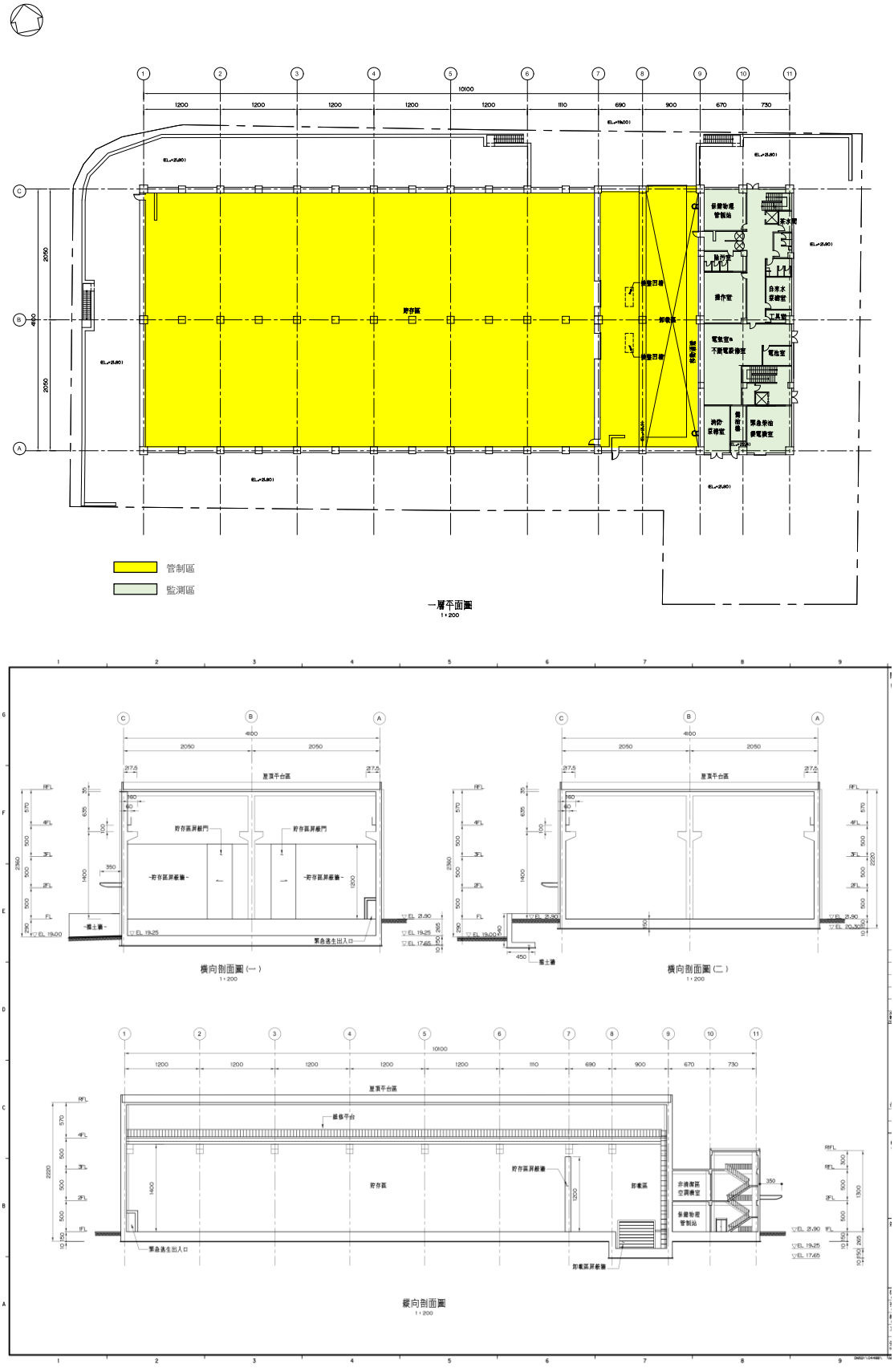
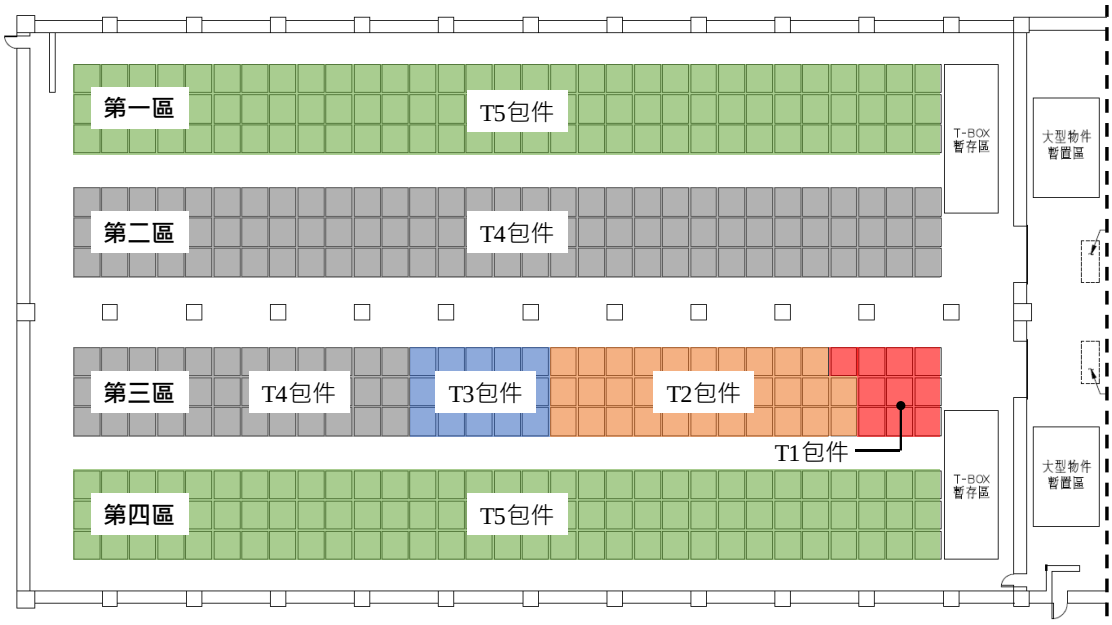


圖 1、核一廠低貯庫關鍵幾何資訊



第一區	T5 包件數量	31 個 ×3 行 ×5 層 = 465 個
第二區	T4 包件數量	31 個 ×3 行 ×5 層 = 465 個
第三區	T4 包件數量	12 個 ×3 行 ×5 層 = 180 個
	T3 包件數量	5 個 ×3 行 ×5 層 = 75 個
	T2 包件數量	32 個 ×5 層 = 160 個
	T1 包件數量	10 個 ×2 層 = 20 個
第四區	T5 包件數量	31 個 ×3 行 ×5 層 = 465 個

圖 2、核一廠低貯庫 T-容器列置資訊

基於上述的說明，分析模式中，T1 與 T2 依其容器逐一區分以將間隙之對流移熱能力納入考慮，但 T3-T5 容器，則僅分層區分。於此假設下，所獲得之輸入熱源項大小與廠房模型則分別如表 3 與圖 3 所示。其中，T1 容器以紅色標示、T2 則以橙色標示，T3-T5 皆採灰色標示，但各層皆設置為獨立區塊以供提取溫度量值之用。

分析模式之網格則以堆疊方式設定之，最小網格為 3 cm，主要用以設置於 T 容器之間隙與風管系統；而最大網格為 30 cm 主要用於設置遠離容器與壁面邊界之空氣區域。

表 4、各類 T 容器具有之熱源

類別	T1	T2	T3	T4	T5-N
設計熱源(W)	320	50	10	1	1
數量(個)	20	160	75	645	930
實際熱源上限(W)	6,400	8,000	750	645	930
總計熱量(W)	16,725				
模式設定瓦數(W)	17,660				

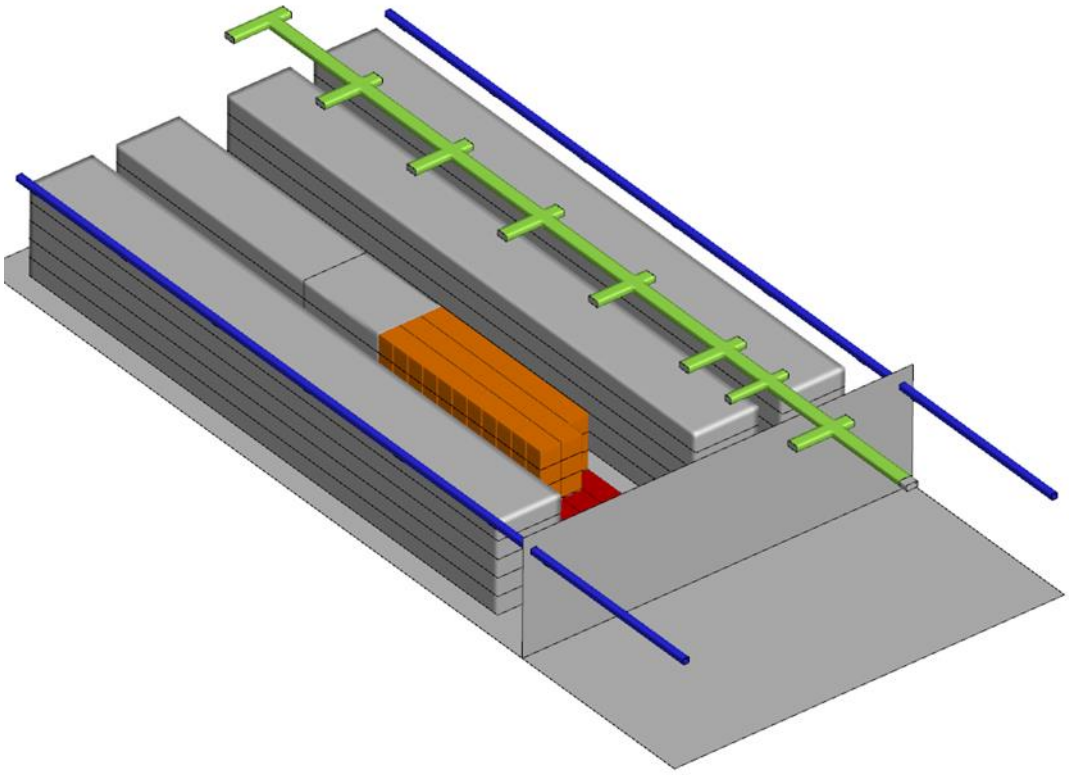


圖 3、廠房分析模式，含風管與迴風管

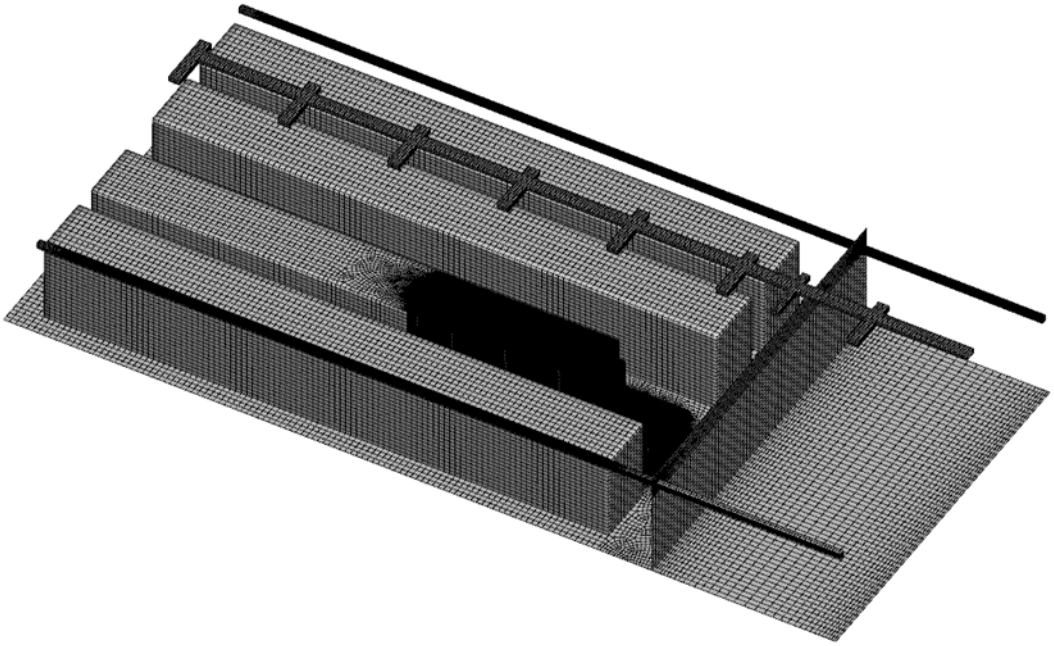


圖 4、分析模式之網格分布

3.3 假設與邊界條件設置

1. 依據空調設計之流量與溫度設定出風口與迴風口設計；

2. 針對 T1 與 T2 容器採獨立劃分，惟將容器間距保守假設為 10cm 以涵蓋作業期間可能存在之間距誤差；

3. T3-T5 容器依其列置行列設定為單一固體，保守忽略間隙移散熱能力；

4. 各式 T 容器之熱源不考慮填充率所造成的減少，以增加熱源保守度，模擬時各式 T 容器之熱量可由表 5 檢索：

表 5、各類容器之熱源

容器類別	T1	T2	T3	T4	T5
填充比(%)	45.1	43.3	39.7	46.2	50
單一容器實際熱源(W)	144.3	21.65	3.97	0.46	0.5
單一容器設計熱源(W)	320	50	10	1	1
容器數量(個)	20	160	75	645	930
容器分析使用熱源(W)	6,400	8,000	750	645	930
分析總熱源(W)	16,725				

5. 各式 T 容器之等效熱傳導率以僅以內提籃之金屬與混凝土填充率進行換算，並以各式 T 容器最小等效熱傳導率代表，材料性質則參考「核一廠乾式貯存系統安全分析報告」[5]：

表 6、均質化容器性質

容器類別	T1	T2	T3	T4	T5
等效熱導(W/m-K)	7.83	7.59	7.12	7.97	8.48
平均比熱(J/kg-K)	567.0	572.2	583.2	564.0	554.0
平均密度(kg/m^3)	4776.7	4675.6	4473.3	4838.5	5052.0

6. 環境溫度以最高日均溫進行設定，並參考核一乾貯之估算結果以 32˚C 為其設定值；

7. 日照輻射量考量低貯庫與核一廠 1 期乾貯地理位置相近，採用設施頂表面日

照熱通量為 387.6 W/m^2，側表面為 193.8 W/m^2 進行假設。

8. 設施基座不考慮厚度並以絕熱模式進行設定，以忽略貯存區混凝土地板之熱傳導散熱能力；同時 T-Box 與混凝土不考慮其間隙，以求 T-Box 溫度在此絕熱邊界下，同時達成 T 容器散熱(忽略底部熱傳導)與基座溫度之保守性。

9. 由假設 7 可知日照輻射作用在廠房外表面後所貢獻之熱源將遠大於容器，可知本分析案主熱源來自外界而非內部容器，故對廠房材料選擇較高的熱傳導係數作為代表，以增加其進入廠房之熱量。

四、案例規劃與討論

本計算書係利用正常貯存狀況下所求得之結果作為暫態升溫之評估基準。而為能充份證實廠房混凝土熱傳導係數係為本案之關鍵。故於規劃兩個案例，其為引用核一乾貯所載之混凝土特性，其二則將其視為採用輕質骨材混凝土，並以 0.5 W/m-K 之性質代入。值得注意的是，所選擇之材料特性不僅可以作為實際使用材料之參考，亦可視為廠房外/內側塗佈、貼附、加裝任何低熱導係數之材料後，所獲得之等效熱傳導係數。

4.1 正常貯存案例(廠房混凝土熱傳導係數 1.8W/m-K)

穩態分析結果除可作為檢核正常條件下 T 容器表面溫度量值之用，亦可作為喪失電源與空調 24 小時案例之評估初始條件。分析結果則如圖 5 所示，由其溫度分布之量值可知 T 容器最大表面溫度仍低於 318K(約 44.85˚C)，係小於 T 容器表面塗料所要求之 55˚C；各式 T 容器內部溫度值則如表 7，其中 T1 容器因僅有兩層堆疊，故無 L3-L5 之數據。

表 7、各類容器於正常貯存狀況下之保守表面溫度

單位：˚C

容器類別\堆疊層數	L1	L2	L3	L4	L5
T1	45.63	45.86	-	-	-
T2	39.90	40.79	41.24	40.91	43.40
T3	40.19	40.82	41.93	43.44	45.47
T4	39.76	40.54	41.86	43.59	45.82
T5	39.39	39.92	41.14	42.92	45.36

上述兩項溫度之比較可以證實此堆疊方式不論是頂部或是堆疊內部任一容器，其表面溫度仍低於容器相關限值。惟值得注意的是容器頂層(L5)溫度由於近廠房頂部，而受屋頂輻射熱與廠房空氣溫度隨高度增加的影響而略高於底層(L1)。

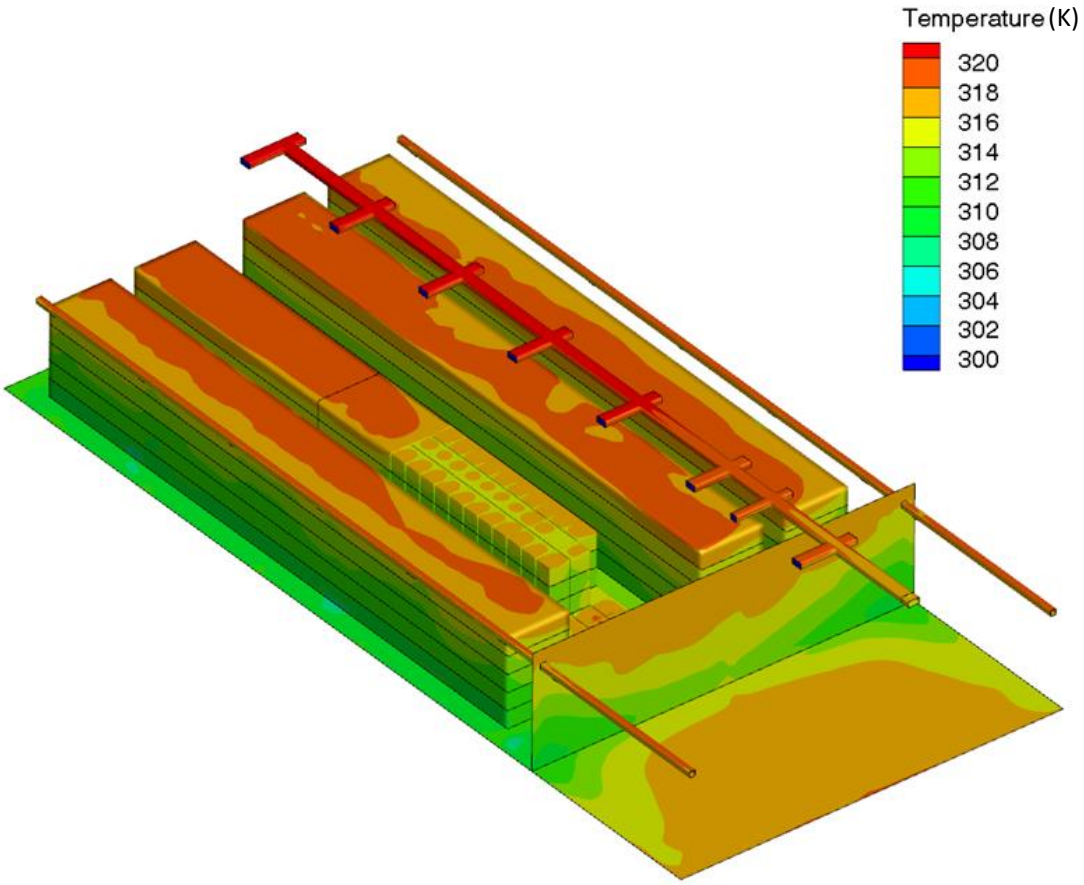


圖 5、採用較高熱傳導係數所獲之溫度分布

4.2 正常貯存案例(廠房混凝土熱傳導係數 0.5W/m-K)

相較於前述採用常重混凝土熱傳導係數進行評估之結果，表 8 為用輕質混凝土或假設廠房壁面增設減少熱傳導效果之材料後所得之容器表面溫度計算結果，顯示在減少廠房外側進入之熱源後，各式容器之溫度皆有明顯下降，其下降幅度與容器所具有之熱源呈反比。亦即低熱負載之 T3-T5 容器因減少了直接受廠房屋頂與側面加熱之狀況而明顯降溫。反之具有較高熱源且僅進行兩層堆疊的 T1 則主要受廠房內環境溫度下降之貢獻。

整體而言該結果證實本案主要熱源來自於建物外牆，亦證實減少其熱傳量將有助於改善內部氣溫與容器溫度。但由圖 6 之結果可以進一步證實兩案例間之流場與移熱機制並無顯著改變，故造成與前案相近之溫度場分布。

表 8、當廠房存在附加隔熱措施時，各類容器於正常貯存狀況下之可能表面溫度

單位：˚C

容器類別\堆疊層數	L1	L2	L3	L4	L5
T1	41.62	41.51	-	-	-
T2	36.31	36.74	36.55	35.83	36.99
T3	35.12	35.53	36.20	37.11	38.22
T4	34.76	35.21	35.94	36.90	38.12
T5	34.44	35.02	36.21	37.85	35.94

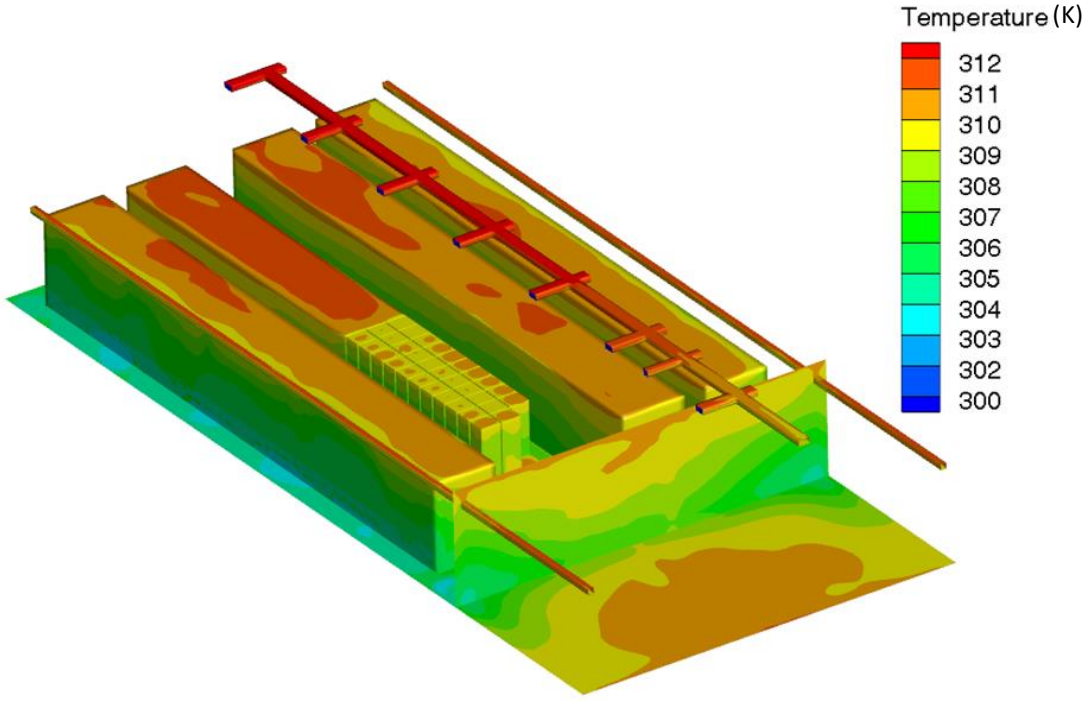


圖 6、採用較低熱傳導係數所獲之溫度分布

4.3 事故 24 小時升溫評估

基於前述之穩態分析結果可知，T 容器溫度即使在保守考慮熱源、熱傳導率之前提下，仍然保有充足之溫度餘裕。於此溫度餘裕下，若發生 24 小時之無冷卻情境，則即使將其 T 容器假設為絕熱，則其溫升在最大熱源(T1 容器下)將僅有：

$320\text{W} \times 24\text{hr.} \times 3600\text{s} = \text{Thermal Mass} \times \Delta\text{T}$，則：

$\Delta\text{T} = 320\text{W} \times 24\text{hr.} \times 3600\text{s}/(44050\text{kg} \times 567.0\text{J/Kg} - \text{K}) = 1.107^{\circ}\text{C}$

但實際上，上述的升溫幅度將因為表 2 中所列示之實際熱源上限明顯小於設計限值，而存在餘裕。

此外，即使再考慮任一容器在此列置下的預期將有一個頂部面與兩個側表面會接受熱輻射影響；但由於此輻射熱傳於正常貯存時即已持作續用，且將隨著容器溫度的持續上升而減低。在不考慮上述輻射熱傳量將隨溫度差降低而消退的狀況下，此一熱通量可以保守以視因子為 1、放射率為 0.8 且來自於屋頂溫度(325.42K; 比側壁溫度高)之熱通量 $\text{q}'' = \sigma\epsilon(T_{roof}^4 - T_{T-BOX}^4) = 5.67 \times 10^{-8} \times 0.8 \times (325.42^4 - 319.01^4) = 38.91\text{W/m}^2$。則其對容器的升溫率則為：

$\Delta\text{T} = 10.8225\text{m}^2 \times 38.91\text{W/m}^2 \times 24\text{hr.} \times 3600\text{s}/(44050\text{kg} \times 567.0\text{J/Kg} - \text{K}) = 1.457^{\circ}\text{C}$

實際上，事故期間受到廠房表面加熱的空氣將沿廠房側牆上升，並累積在靠近屋頂的上層(圖 7)，不會隨著 T 容器附近的循環往下向並導入 T 容器各面而造成加熱效果。但即使忽略此一物理現象而進一步將對流機制加以考慮，則：

$\text{q}'' = \text{h}(T_{roof} - T_{T-BOX}) = 3.5(\text{W/m}^2\text{K}) \times (325.42\text{K} - 319.01\text{K}) \sim 22.45\text{W/m}^2$

上式中，對流係數 h 係依據 T1 容器表面之平均 h 值取保守值 3.5 $\text{W/m}^2\text{K}$進行估算。該對流機制同時對容器 6 個表面的熱貢獻可寫為：

$\Delta\text{T} = 21.645\text{m}^2 \times 22.45\text{W/m}^2 \times 24\text{hr.} \times 3600\text{s}/(44050\text{kg} \times 567.0\text{J/Kg} - \text{K}) = 1.681^{\circ}\text{C}$

因為在廠房中的任一 T 容器不存在同時受三種升溫機制直接疊加之情境，故 T-容器在停電事故發生 24 小時之因為本身熱源、熱對流與熱輻射所貢獻的熱

量導致之最大升溫量將會小於：

1.107˚C +1.457˚C+1.681˚C=4.245˚C

故即使在事故情境發生前具有最高溫度的 T1 容器(位於第二層)，其表面最大溫度仍僅有：

45.86˚C+4.245˚C=50.105˚C。

而實際由 CFD 計算所得之溫升(表 8)則顯示，實際溫升結果確實僅比自體熱源之加熱略大，且由圖 7 之廠房空間溫度可證，其事故期間的熱氣將累積於廠房方上，而不致直接對護箱加熱，故不存在上述將三者直接相疊加之情境；而整體事故溫升趨勢與能量守恆預估之比對則如圖 8 所示，其結果亦證實上述守恆法之保守性。

透過上述評估可以得知，T 容器受自身熱源加熱之程度相對較小，而源自於廠房之熱源影響較大。在實際作業中側牆不致同時受到四周同步加熱之情形。若透過增設固定式遮陽設備或結構內外側之低熱傳導係數塗層/包覆，則不僅可減抑上述溫度結果，對實際設施營運中亦有減少空調耗能之優點。

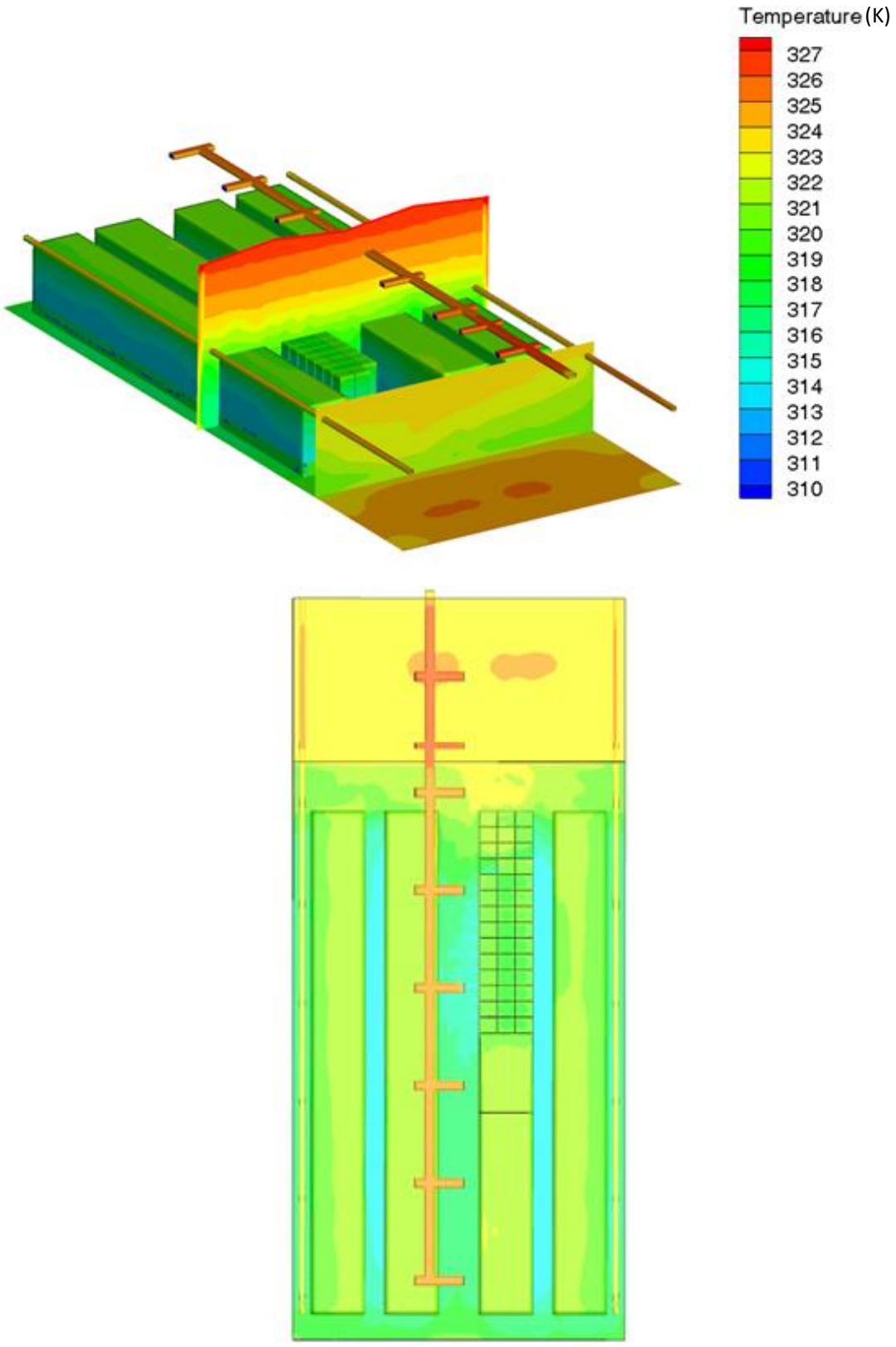


圖 7、事故 24 小時末之整體溫度分布

表 9、事故 24 小時後各式 T 容器溫度分布

容器類別	最高溫度(˚C)	溫升量(˚C)
T1	47.15	1.29
T2	47.09	3.69
T3	46.60	1.13
T4	47.26	1.44
T5	46.87	1.51

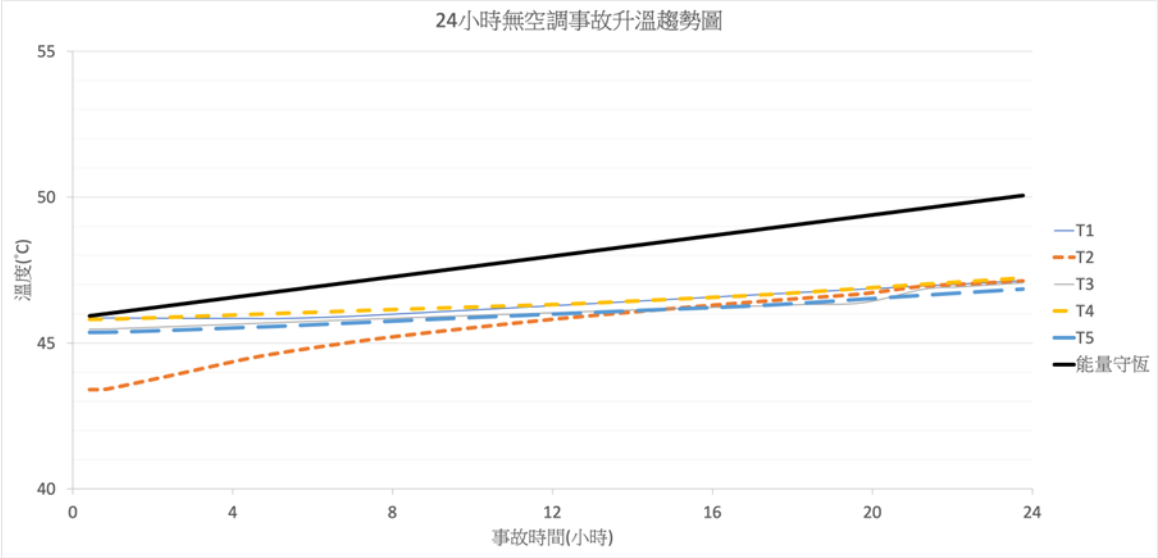


圖 8、事故 24 小時期間升溫趨勢與能量守恆預估之比較

五、參考文獻(References)

[1]行政院原子能委員會放射性物料管局局，「放射性廢棄物處理貯存及其設施安全管理規則」，110 年。

[2]ANSYS FLUENT 2022 R1, 2022.

[3]曾永信、陳俊宇，“清華大學乾貯系統熱流分析模式發展計算書，”清華大學，原科中心，2015。

[4]施純寬“核二廠用過核子燃料乾式存設施熱傳安全驗證研究，”清華大學，2012。

[5]NRC,“Computational Fluid Dynamics Best Practice Guidelines for Dry Cask Applications,” Final Report, NUREG-2152.。

附件 2-5　容器堆疊穩定分析計算書

台灣電力公司

附件 2-5

容器堆疊穩定分析計算書

中華民國 113 年 7 月

一、T 容器堆疊穩定分析概述

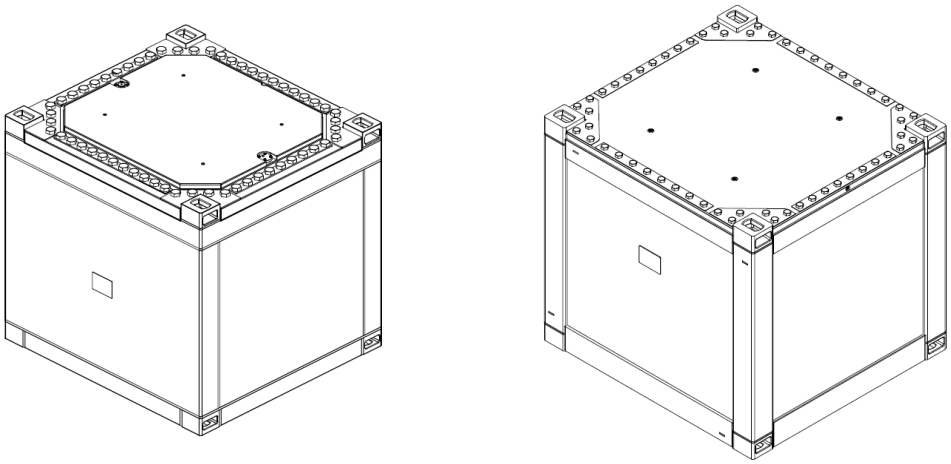
(一)分析緣由

依據台電公司提供之「容器開發設計報告-b 貯存邊界條件下容器堆疊穩定性評估(修訂三版)」(台電公司，2022 年 1 月)，該報告採用 H. Sadegh-Azar 及 M. Sadegh-Azar 導出之經驗回歸公式(Rutschen unverankerter Körper bei Erdbeben，2005)推算 T 容器採 3 × 3 × 5 堆疊時，在地表水平加速度 0.41g，摩擦係數 0.2 之狀態下，容器堆疊體最大總位移量為 7.5 cm。中興公司依據此經驗公式推算 5 層堆疊之 T 容器於設計地表加速度 0.28 g 下，容器堆疊體最大總位移量為 2 cm。

由於 T 容器的 ISO 角隅接合裝置設計為突出 T 容器頂面及底面，容器直接堆疊時的接觸面僅為 ISO 角隅接合裝置之面積，為確認此經驗公式適用本計畫之堆疊方式，本計畫建立人造加速度歷時，使用泛用型有限元素分析軟體 Abaqus 進行地震動態模擬，以求得 T 容器於堆疊時受地震作用之影響。

(二)堆疊形式

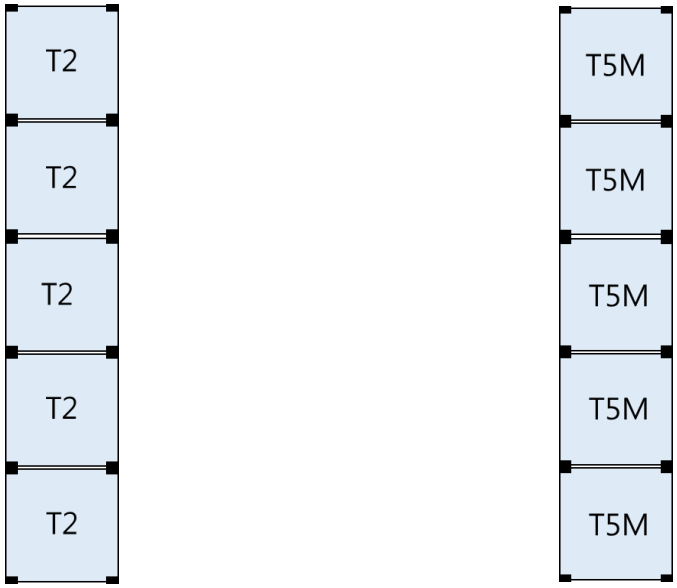
依據台電公司提供之資料，T 容器箱體材料為結構鋼，不同種類之 T 容器其外尺寸皆為 2 m (長) × 1.85 m (寬) × 1.85 m (高)。容器頂部及底部角隅位置皆設有 20 cm (長) × 20 cm (寬)之 ISO 角隅接合裝置，如圖 1 所示。所有種類之 T 容器底部 ISO 角隅接合裝置突出底板 0.5 cm，頂部 ISO 角隅接合裝置突出頂蓋之長度，依容器種類不同，分別為 T1 容器 0.5 cm、T2 ~ T4 容器 2.7 cm、T5 容器 2.92 cm，故 T 容器與樓地板接觸面積為底部 4 個 ISO 角隅接合裝置之面積。



T1 容器　　T2~T5 容器

圖 1　T 容器外觀示意圖

T 容器在三號低貯庫內之貯存方式為直接堆疊，堆疊層數最多 5 層。分析考慮地震歷時對最大重量堆疊及最小重量堆疊之影響。本貯庫貯位管理規劃 T1 容器最多堆疊 2 層，故三號低貯庫內出現最大重量堆疊之可能組合為 T2 容器堆疊 5 層，最小重量堆疊之組合為 T5M 容器堆疊 5 層，如圖 2 所示。



Case 1：T2 容器堆疊 5 層　　Case 2：T5M 容器堆疊 5 層

圖 2　T 容器堆疊分析情境

二、人造地震加速度歷時

人造地震歷時分析是依據美國 NRC SRP 3.7.1 中 II. ACCEPTANCE CRITERIA 內容執行。以下將設計四組人造歷時，其反應譜線型可包絡設計反應譜，並以動態分析之最大容器位移反應作為本動態分析之成果。

(一)設計加速度反應譜

本分析採用「建築物耐震設計規範」之工址反應譜作為分析之設計反應譜曲線基準，如圖 3 所示。

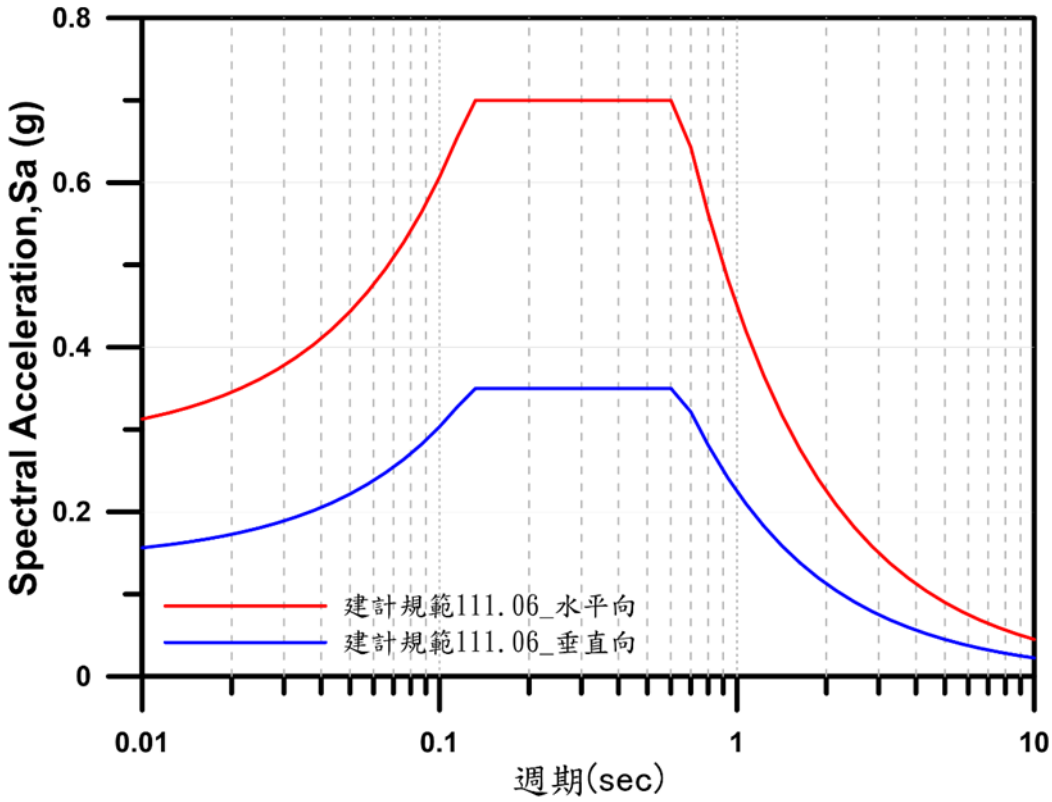


圖 3　「建築物耐震設計規範」工址反應譜

(二)候選地震歷時選取

核一廠考慮之控制震源為山腳斷層為一正斷層，依據「營運中核能電廠再詳細地質調查工作」(台電公司，2022 年)之成果，山腳斷層為帶左移分量之正斷層，陸域部分總長為 38.5 km，可分為 2 段，南段長約 26.5 km；北段長約 12 km；海域部分由金

山區中角附近海岸延伸至花瓶嶼東南側，可分為 2 段，ST-I 長約 14.2 公里及 ST-II 長約 25 公里，總長度為 39.2 km，故山腳斷層斷層全長為 77.7 km。

因山腳斷層並無過去曾發生之最大歷史地震資料，故採用 Yen and Ma (2011)與 Wells and Coppersmith (1994) 斷層面積公式所估之規模，其 Wells and Coppersmith (1994)以全世界地震斷層之長度及地震矩規模迴歸而得之經驗式，其正斷層破裂面(*A*)與地震矩規模(M_W)經驗公式計算：

$$M_w = 3.93 + 1.02 \log10(A)$$

Yen and Ma (2011)利用 1993~2009 年間台灣地區所發生之 20 個地震之資料，分析所得斷層破裂長度(A_e)與地震矩規模(M_W)經驗公式(如下式)計算：

$$\log_{10}(A_e) = -14.77 + 0.92 \log_{10}(m_0)$$

再依 Kanamori (1977)之 Mw 與 m0(seismic moment)關係式換算 Mw，其經驗公式如下式：

$$M_w = \frac{2}{3}\log_{10}(m_0 \times 10^7) - 10.7$$

利用 Wells and Coppersmith (1994)公式估算其最大規模為 7.53，Yen and Ma (2011)公式估算其最大規模為 7.21，故山腳斷層規模設為 7.37。

核一廠位於山腳斷層下盤，距離山腳斷層約 6.5 km，屬近斷層區域，候選地震歷時應優先採用場址附近，規模與山腳斷層可造成之最大可能地震規模 7.37 接近之地震歷時。因廠區鄰近並無規模較大地震之地震歷時紀錄，而台灣地區亦無正斷層造成之較大地震事件，經綜合評估後，選用候選地震歷時紀錄事件與測站資訊詳如表 1。地震歷時曲線如圖 4~圖 7 所示。候選地震歷時與設計地震加速度反應譜比較如圖 8。

表 1　候選地震歷時紀錄事件與測站資訊一覽表

發震時間	地震規模 (M_L)	測站	震央距 (Km)	V_{S30} (m/s)	PGA(gal)		
					EW	NS	Z
88.09.21 01:46:59	7.60	TCU076	13.00	573.2	340.2	420.0	275.4
88.09.21 01:46:59	7.60	TCU079	8.14	353.9	579.8	416.9	383.8
88.09.25 07:52:32	6.49	TCU079	11.17	353.9	763.5	612.8	565.4
105 02.06 03:57:26	6.60	KAU020	2.46	344.2	203.6	181.4	106.5

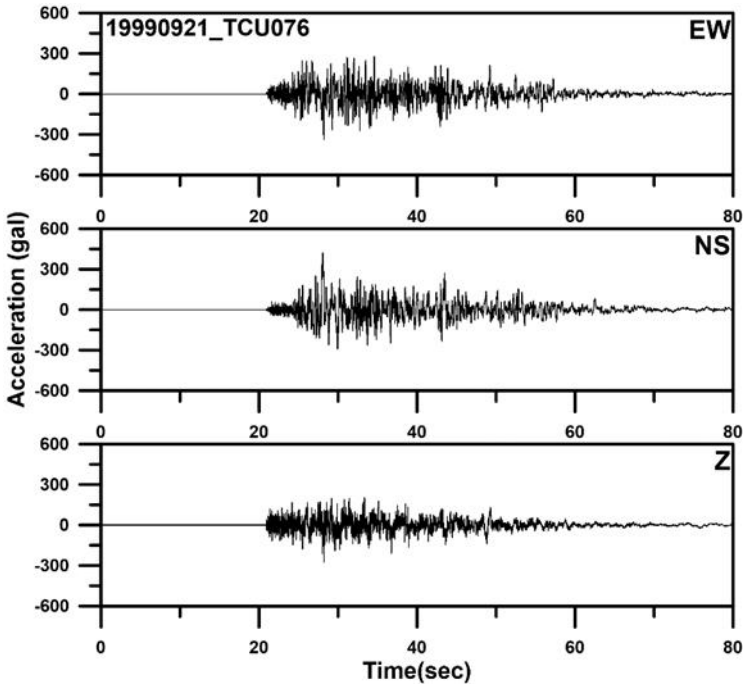


圖 4　1999 年 921 地震中 TCU076 測站地震歷時

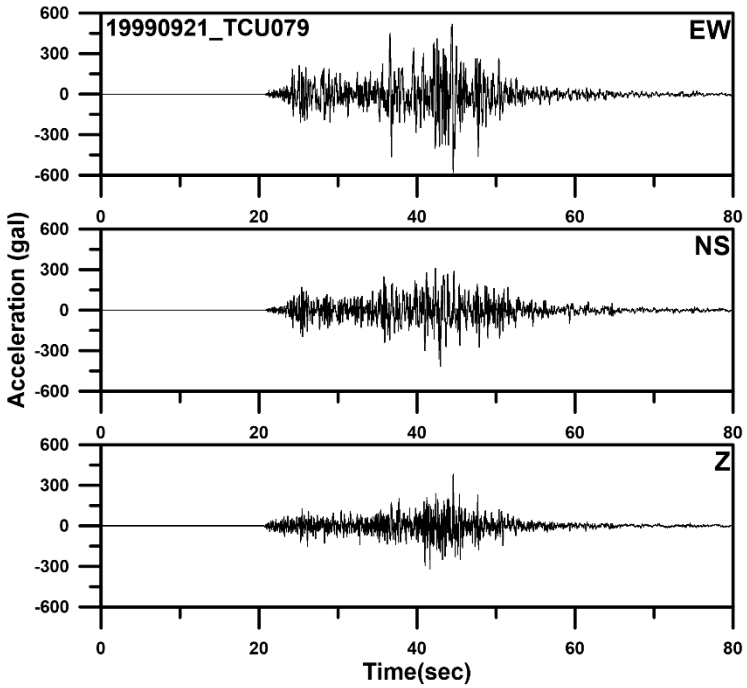


圖 5　1999 年 921 地震中 TCU079 測站地震歷時

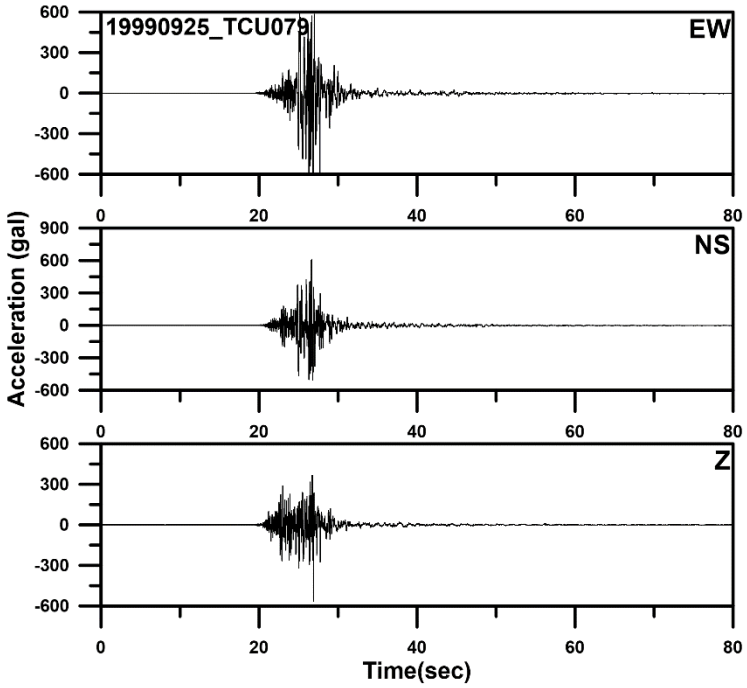


圖 6　1999 年 925(921 地震後)餘震中 TCU079 測站地震歷時

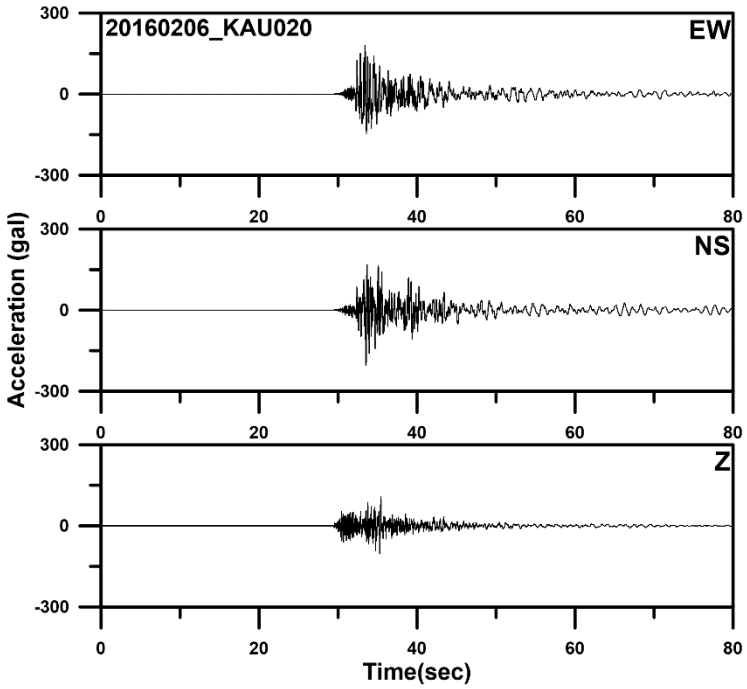


圖 7　2016 年 0206(高雄美濃地震)主震中 KAU020 測站地震歷時

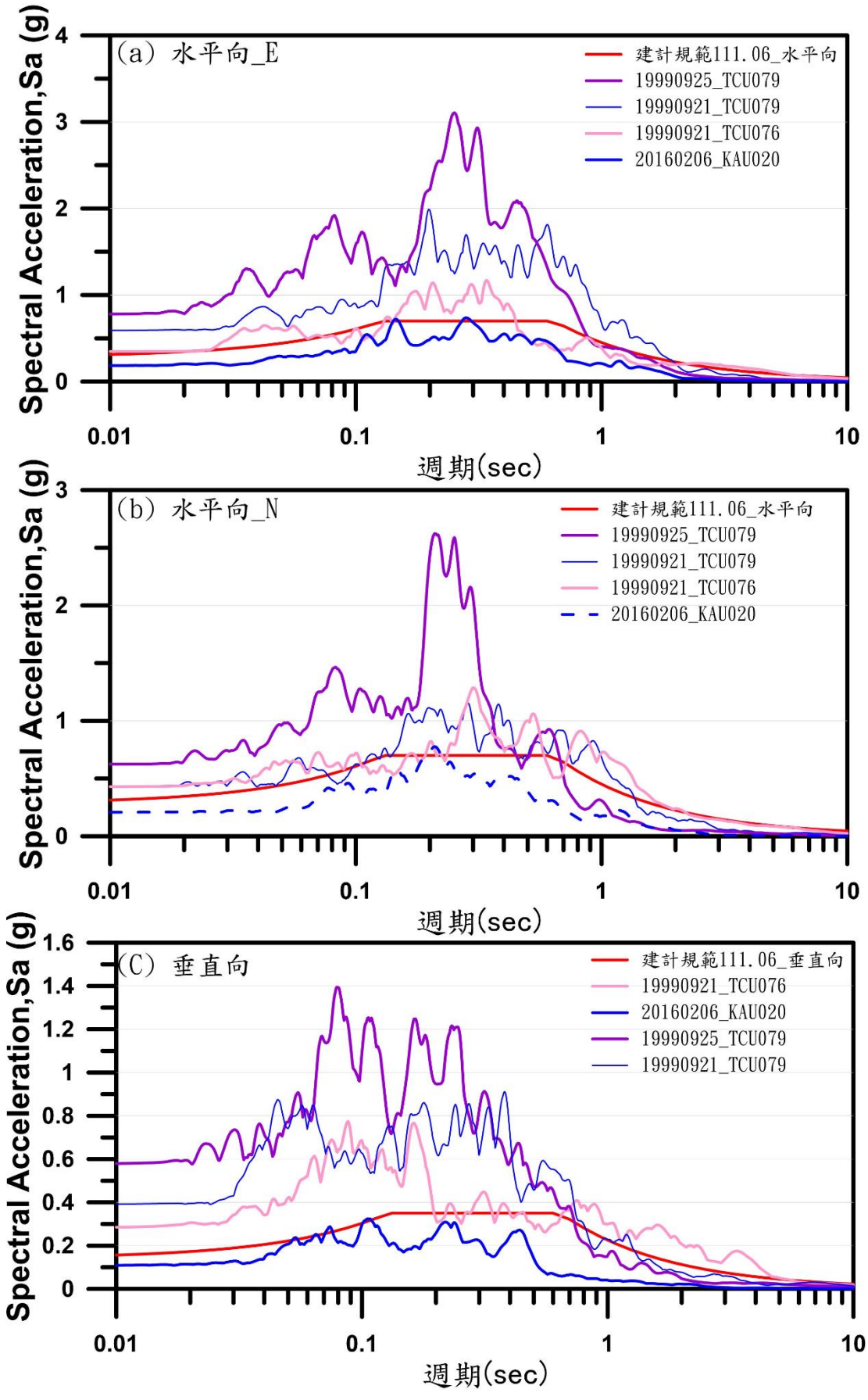


圖 8　候選地震歷時與設計地震加速度反應譜比較圖

(三)人造地震歷時成果

本分析之人造加速度歷時曲線是利用 RSPMatch09 程式製作，該程式是依據 Atik and Abrahamson (2010)之方法，於時間域以小波轉換函式(wavelet)，使其疊代匹配與設計地震加速度反應譜一致，其人造加速度歷時訊號可保有候選地震紀錄外觀與相角特性，本分析所使用之水平向設計反應譜，採用 RG1.60 之反應譜修正至「建築物耐震設計規範」所評估之水平向設計地表加速度 0.28g，垂直向為水平向設計反應譜的 1/2 倍。

經 RSPMatch09 程式擬合後，TCU076 人造加速度歷時如圖 9 所示，TCU079 人造加速度歷時如圖 10 及圖 11 所示，KAU012 人造加速度歷時如圖 12 所示，人造加速度歷時反應譜與設計反應譜之比較如圖 13 所示。

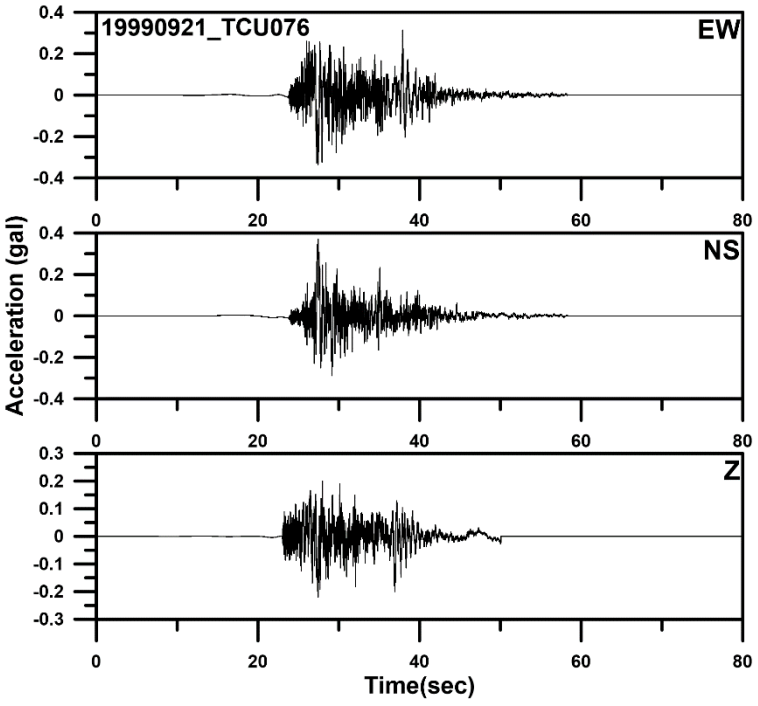


圖 9　1999 年 921 地震中 TCU076 測站人造地震歷時

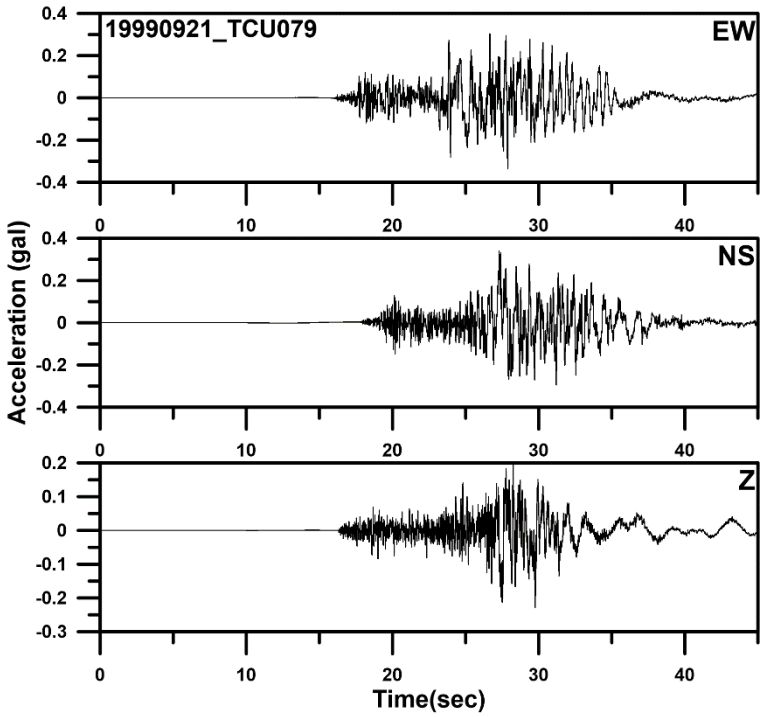


圖 10　1999 年 921 地震中 TCU079 測站人造地震歷時

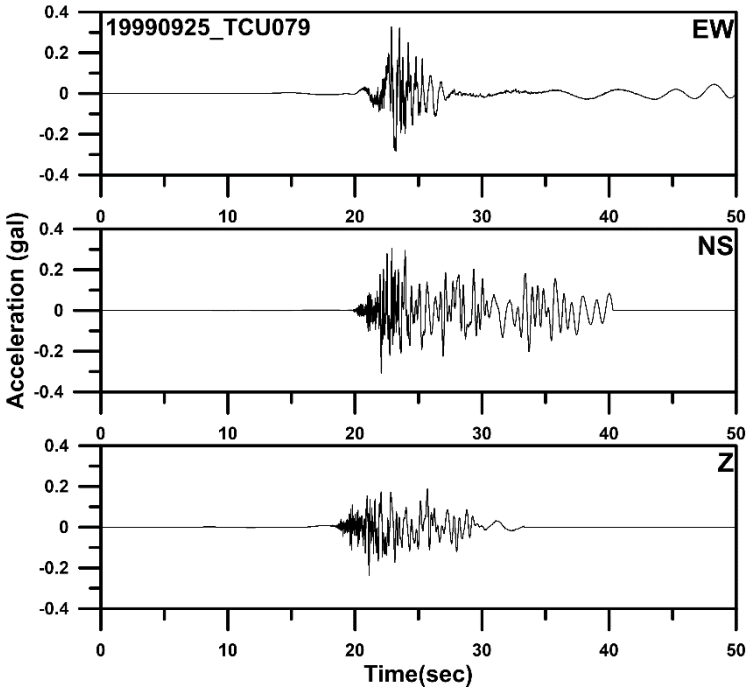


圖 11　1999 年 925(921 地震後)餘震中 TCU079 測站人造地震歷時

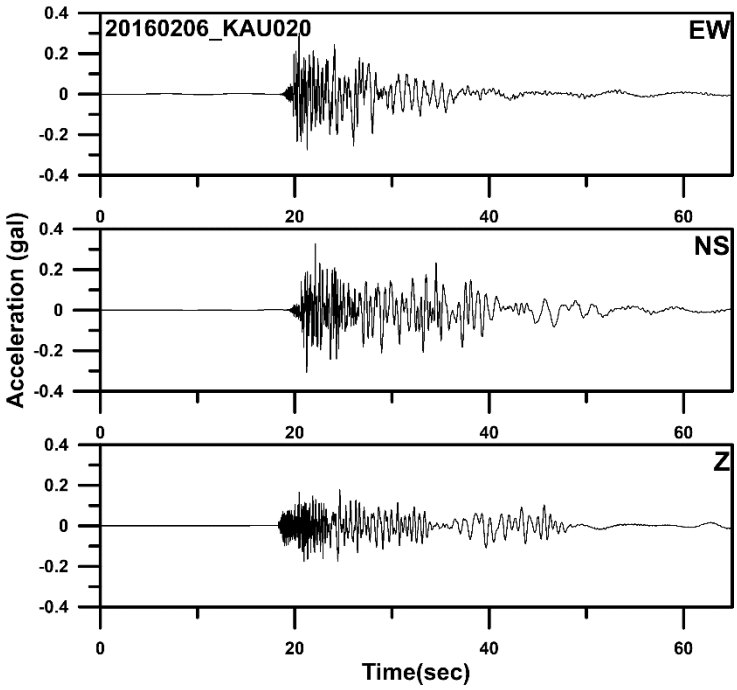


圖 12　2016 年 0206(高雄美濃地震)主震中 KAU020 測站地震歷時

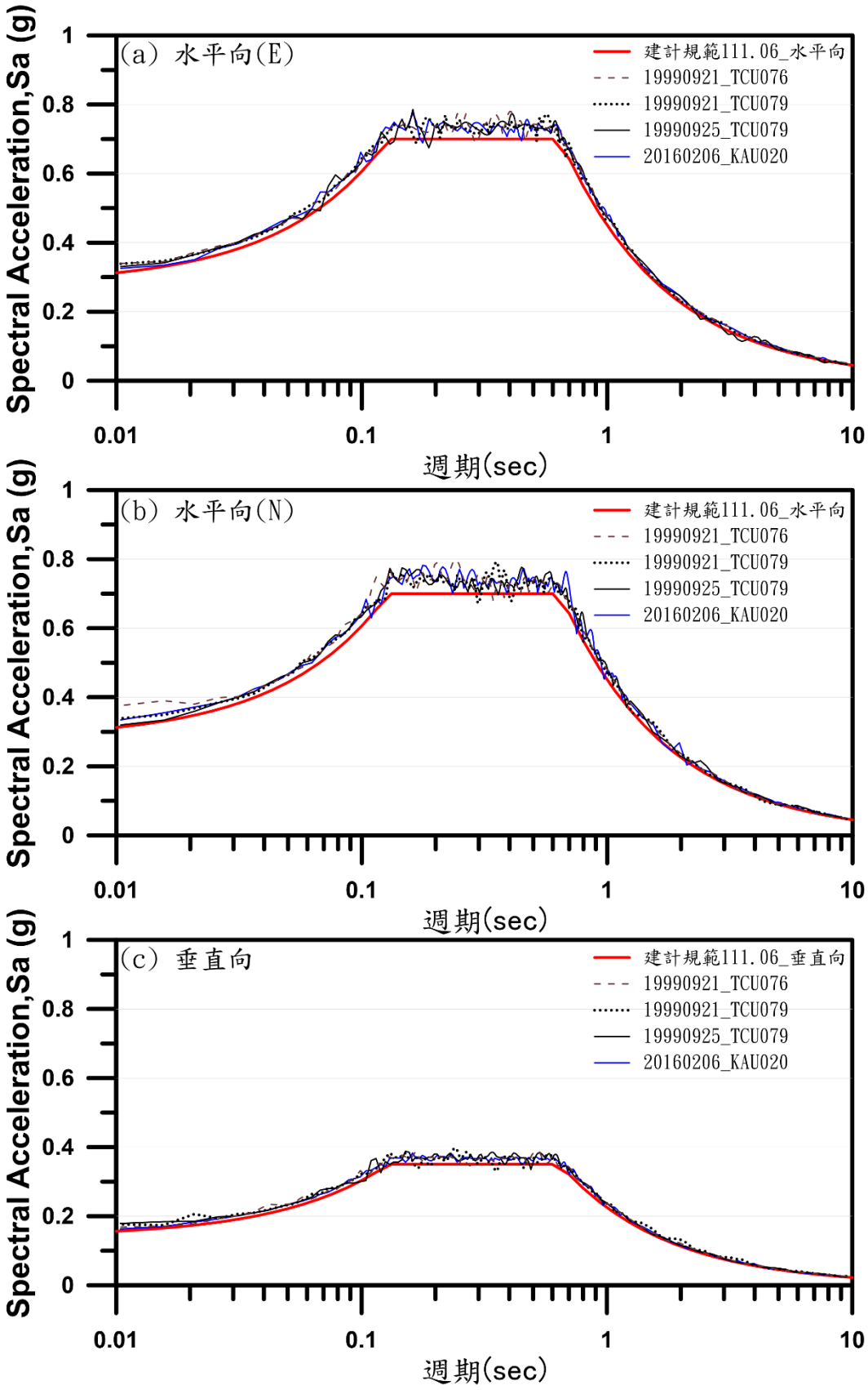
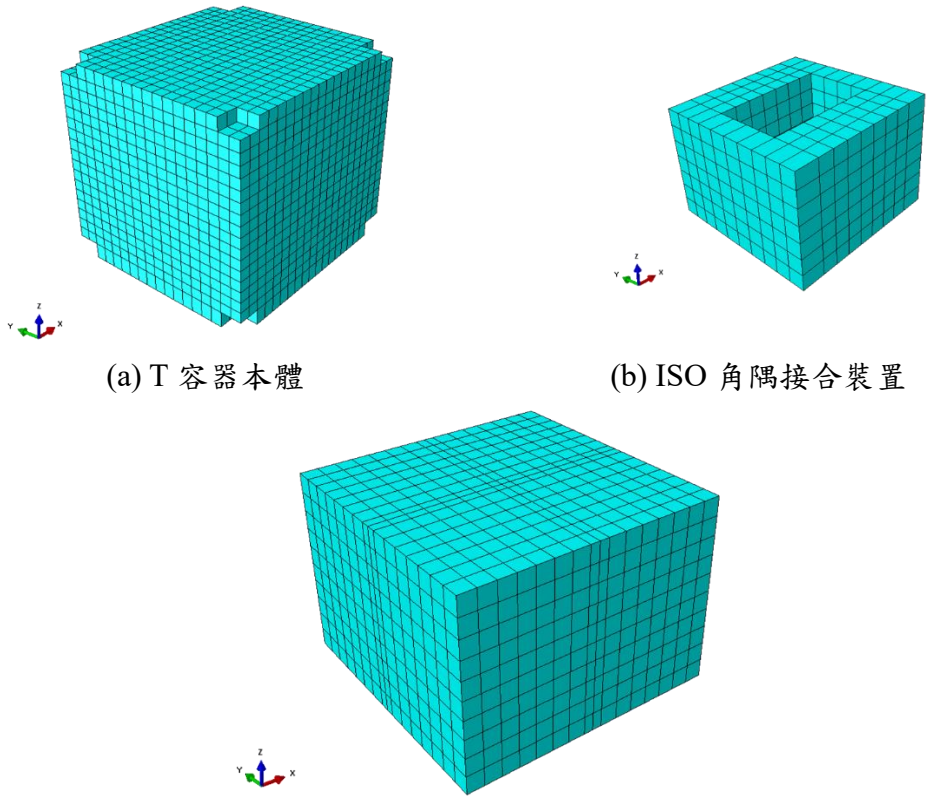


圖 13　人造地震歷時與設計地震加速度反應譜比較圖

三、有限元素分析模型及分析流程

(一)分析模型

根據 T 容器設計圖說建立三維模型，包含 T 容器本體及 ISO 角隅接合裝置。為考量 T 容器堆疊體與樓地板下方之地盤於地震作用下可能存在的結構－土壤互制效應，也一併建立地盤模型。此地盤模型的長度和寬度約為 T 容器長度之 20 倍，高度為 T 容器長度之 30 倍。T 容器、ISO 角隅接合裝置及地盤分別利用三維磚形(Brick)有限元素模擬，並建立有限元素網格，如圖 14 所示。

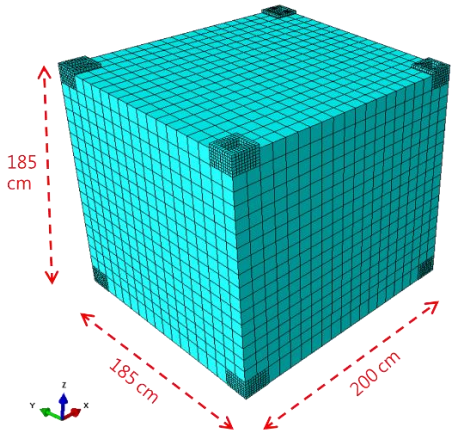


(a) T 容器本體　　(b) ISO 角隅接合裝置

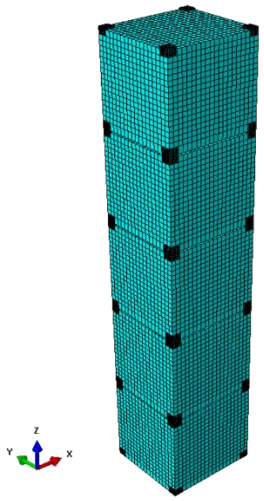
(c) 地盤

圖 14　個別有限元素網格模型

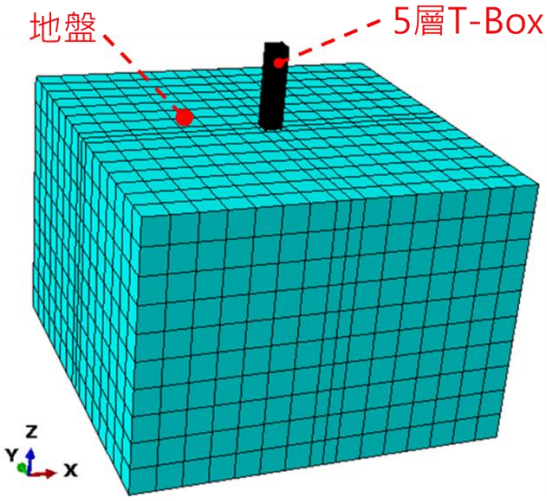
將 T 容器本體模型、ISO 角隅接合裝置模型及地盤模型依堆疊情境組合，其中，ISO 角隅接合裝置因與 T 容器本體間為銲接接合，故設定黏結(Tie)束制；上下堆疊容器間僅在 ISO 角隅接合裝置處接觸，且可自由移動，故上下 ISO 角隅接合裝置間設定為接觸(Contact)束制；底層 T 容器的 ISO 角隅接合裝置與地盤間可自由移動，故界面亦設定為接觸束制，形成整體之 T 容器堆疊體與地盤之有限元素網格模型，如圖 15 所示。



(a) 單個 T 容器(含 ISO 角隅接合裝置)有限元素網格模型



(b) 5 層 T 容器堆疊體(含 ISO 角隅接合裝置)有限元素網格模型



(c) T 容器堆疊體與地盤之整體有限元素網格模型

圖 15　整體有限元素網格模型

(二)材料參數

1.T 容器本體及 ISO 角隅接合裝置

項目	參數
T2 容器重量	40,910 kgf
T5M 容器重量	29,280 kgf
ISO 角隅接合裝置單位質量	7.8 tf/m^3
柏松比	0.3
彈性模數	2,000,000 kgf/cm^2

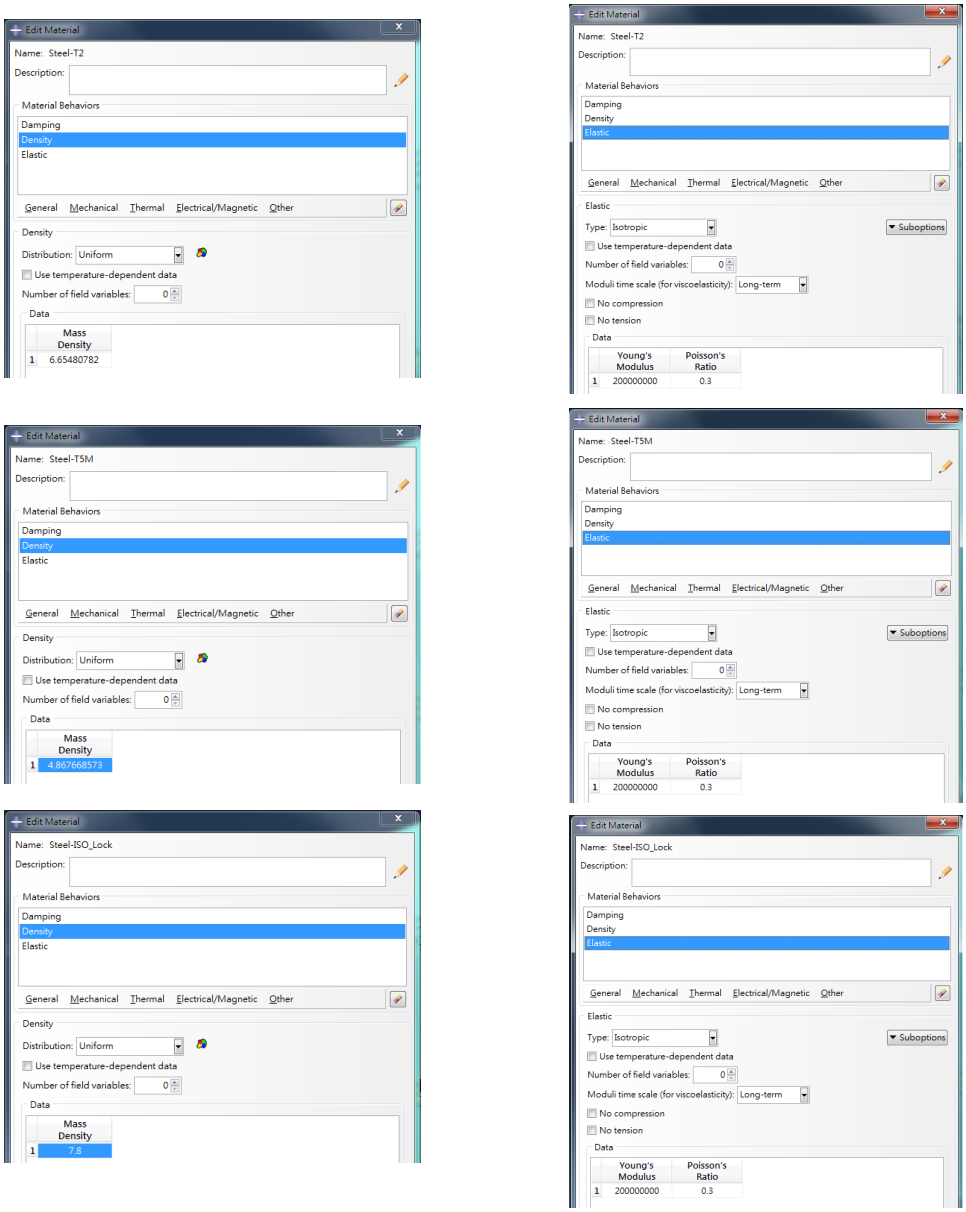


圖 16　T 容器材料參數設定

2.地盤

項目	參數
單位質量	2.5 tf/m3
柏松比	0.25
有效變形模數	64,175 kgf/cm^2

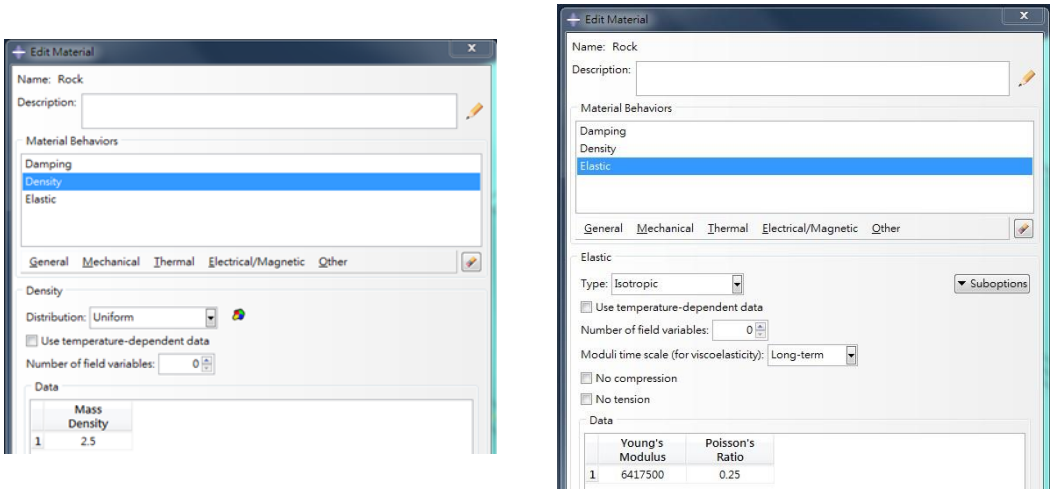


圖 17　地盤材料參數設定

3.界面性質

接觸面	參數	
	界面正向	界面切向(摩擦係數)
ISO 角隅接合裝置-ISO 角隅接合裝置	剛性接觸	0.2
ISO 角隅接合裝置-地面		0.6

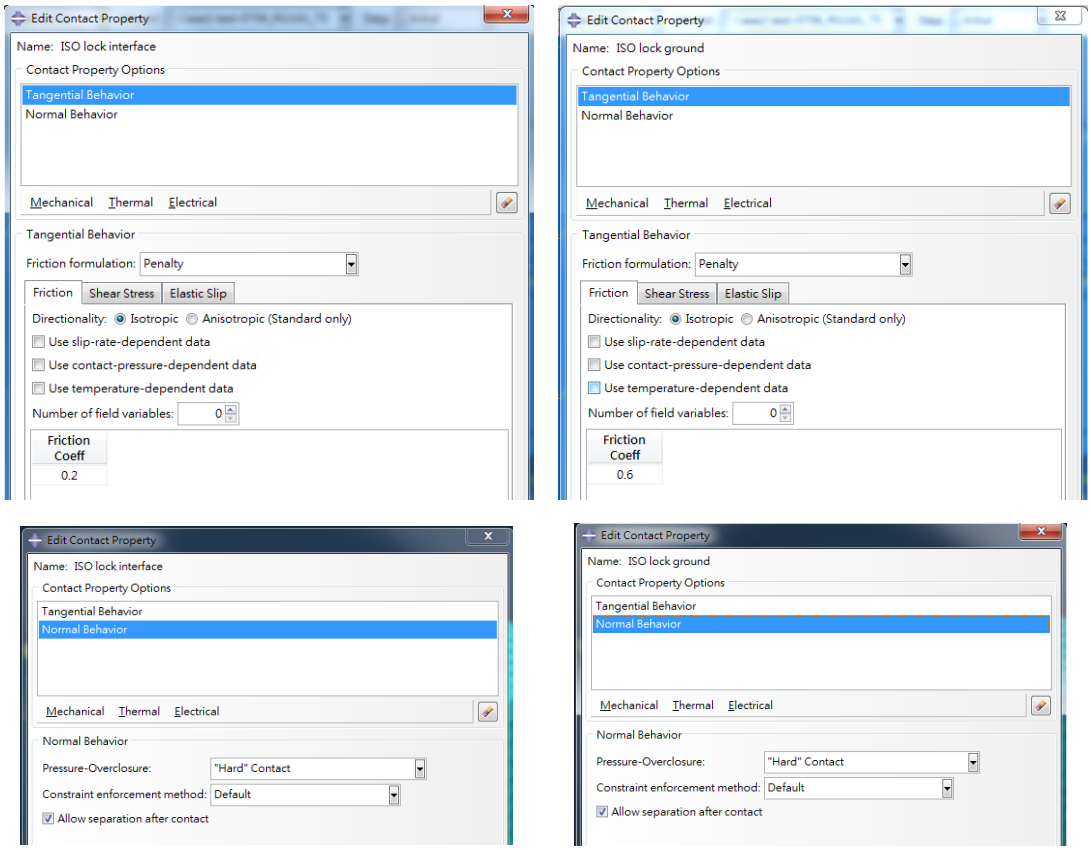


圖 18　界面性質材料參數設定

(三)分析流程

堆疊情境 Case 1 及 Case 2 之穩定定分析均包含地震前及地震作用二階段，前者採靜力分析而後者採動力分析。其中，動力分析採用時間增量積分(Time Increment Integration)方法求解運動方程式。各階段之荷重及模型邊界條件說明如下：

1.地震前分析(靜力分析)

T 容器堆疊體所受之荷重為自重，地盤網格模型側向及底部邊界施以三個方向之固接(Fixed)束制。另外，進行單一 T 容器及地盤之特徵值分析(Eigenvalue Analysis)，以得到主參振因

子較大之 2 個自然頻率，以做為動力分析計算所需之雷利阻尼(Rayleigh Damping)之用。

2.地震作用分析(動力分析)

堆疊體所受之荷重與地震前分析相同，本階段分析為考量地震波傳效應，地盤網格模型的側向邊界條件為多點束制(Multiple Point Constraint, MPC)，如圖 19 所示，而底部邊界條件則為自由邊界(Free)，便於輸入地震加速度歷時。T 容器堆疊體及地層之阻尼比分別設為 1%及 10%，並利用下式計算雷利阻尼係數：

$$[C] = \alpha_R [M] + \beta_R [K] \tag{2}$$

其中，[M]為 T 容器堆疊體或地層之質量、[K]為勁度、[C]為程式自動計算之雷利阻尼矩陣、係數α_R及β_R則以下式計算：

$$\alpha_R = \frac{2\zeta\omega_1\omega_2}{\omega_1 + \omega_2}, \qquad \beta_R = \frac{2\zeta}{\omega_1 + \omega_2} \tag{3}$$

其中，

ζ： 阻尼比

ω_1/ω_2： 模型的主要 2 個自然頻率，tf/m^2

特徵值分析結果綜整如下表 2。

表 2　特徵值分析成果

模型	ω_1	ω_2
T2 容器堆疊組	797.46 rad/s	815.24 rad/s
T5M 容器堆疊組	931.29 rad/s	952.15 rad/s
地盤	29.38 rad/s	62.19 rad/s

工址地震加速度歷時包含 2 個正交水平方向分量及垂直方向分量，於地盤網格模型底部邊界輸入。

進行堆疊體地震作用分析前先進行地盤受震反應分析，於地盤網格模型底部邊界輸入工址地震加速度歷時，以求得與 T 容器堆疊體底部接觸之地表面的最大地表加速度值(peak

ground acceleration, PGA)，再與地盤底部之 PGA 比較，求得地盤底部與地表面的加速度調整係數，再據以調整輸入，使地表的 PGA 等於設計地表加速度值 0.28 g。

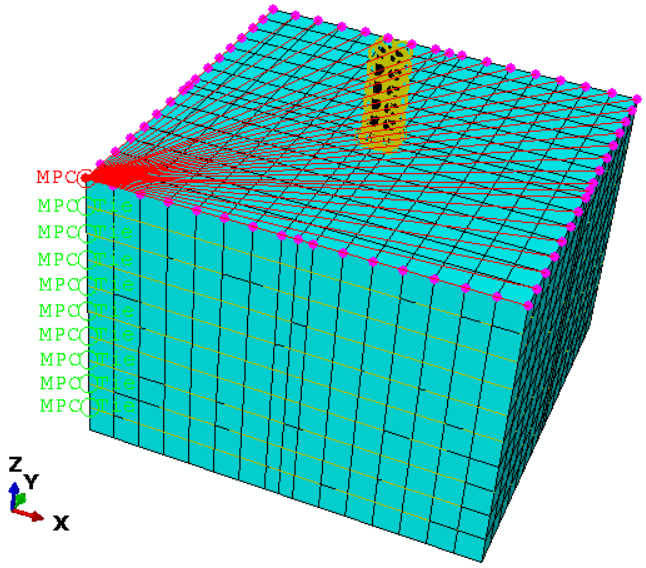


圖 19　地盤網格模型側向邊界設定多點束制條件

四、動態分析成果

(一)容器最大相對位移量

Case 1 及 Case 2 之各層總位移最大值如表 3 及表 4 所示，結果顯示，最大相對位移量發生於 Case 2(T5 堆疊)的第五層容器，位移量 7.242 cm。

(二)容器最大總位移量

Case 1 及 Case 2 之最大位移量如表 5 所示，各 Case 發生最大總位移量時，各層之相對位移量如表 6 及表 7 所示，Abaqus 分析圖形如圖 20 所示。

結果顯示，最大總位移量發生於 Case 2(T5 堆疊)，位移量為 10.36 cm，此時，第 2 層容器之相對位移量最大，為 7.242 cm。

表 3　Case 1 各層相對位移最大值

人造地震 / 各層位移 (cm)	第一組		第二組		第三組		第四組	
	民國 88 年 921 地震中 TCU076 測站人造地震歷時		民國 88 年 921 地震中 TCU079 測站人造地震歷時		民國 88 年 925 餘震中 TCU079 測站人造地震歷時		民國 105 年 0206 地震中 KAU012 測站人造地震歷時	
	X 向	Y 向	X 向	Y 向	X 向	Y 向	X 向	Y 向
第 4 層-第 5 層	1.908	1.166	2.125	2.131	1.158	1.320	0.678	0.829
第 3 層-第 4 層	1.250	0.533	1.206	1.246	0.489	0.973	0.379	0.328
第 2 層-第 3 層	0.858	0.292	0.768	0.571	0.389	0.557	0.232	0.166
第 1 層-第 2 層	5.027	3.238	2.734	1.441	0.801	1.282	1.607	0.277
地盤-第 1 層	0.062	0.052	0.037	0.112	0.029	0.154	0.054	0.069

單位：cm

表 4　Case 2 各層相對位移最大值

人造地震 / 各層位移 (cm)	第一組		第二組		第三組		第四組	
	民國 88 年 921 地震中 TCU076 測站人造地震歷時		民國 88 年 921 地震中 TCU079 測站人造地震歷時		民國 88 年 925 餘震中 TCU079 測站人造地震歷時		民國 105 年 0206 地震中 KAU012 測站人造地震歷時	
	X 向	Y 向	X 向	Y 向	X 向	Y 向	X 向	Y 向
第 4 層-第 5 層	1.516	1.114	1.775	2.099	1.038	1.539	0.654	0.713
第 3 層-第 4 層	0.944	0.472	1.104	1.113	0.502	0.783	0.353	0.176
第 2 層-第 3 層	0.721	0.298	0.830	0.602	0.420	0.657	0.220	0.132
第 1 層-第 2 層	7.242	4.550	4.289	2.240	1.738	4.866	3.088	0.757
地盤-第 1 層	0.048	0.046	0.033	0.100	0.029	0.176	0.039	0.068

單位：cm

表 5　T 容器最大總位移

人造地震 / 最大位移 (cm)		第一組	第二組	第三組	第四組
		民國 88 年 921 地震中 TCU076 測站人造地震歷時	民國 88 年 921 地震中 TCU079 測站人造地震歷時	民國 88 年 925 餘震中 TCU079 測站人造地震歷時	民國 105 年 0206 地震中 KAU020 測站人造地震歷時
Case1(T2)	X 向	8.99	6.82	2.83	1.99
	Y 向	5.24	5.34	3.93	1.61
Case2(T5)	X 向	10.36	7.99	3.16	3.23
	Y 向	6.42	6.01	7.64	1.81

單位：cm

表 6　Case 1 發生最大總位移時各層相對位移

人造地震 / 各層位移 (cm)	第一組		第二組		第三組		第四組	
	民國 88 年 921 地震中 TCU076 測站人造地震歷時		民國 88 年 921 地震中 TCU079 測站人造地震歷時		民國 88 年 925 餘震中 TCU079 測站人造地震歷時		民國 105 年 0206 地震中 KAU020 測站人造地震歷時	
	X 向	Y 向	X 向	Y 向	X 向	Y 向	X 向	Y 向
第 4 層-第 5 層	-1.879	1.166	2.113	-2.126	-1.157	1.316	0.061	0.807
第 3 層-第 4 層	-1.250	0.533	1.200	-1.246	-0.481	0.967	0.103	0.319
第 2 層-第 3 層	-0.838	0.292	0.768	-0.569	-0.386	0.355	0.232	0.163
第 1 層-第 2 層	-4.987	3.238	2.734	-1.414	-0.801	1.282	1.595	0.266
地盤-第 1 層	-0.036	0.017	0.000	0.014	-0.003	0.009	0.001	0.058

單位：cm

表 7　Case2 發生最大總位移時各層相對位移

人造地震 / 各層位移 (cm)	第一組		第二組		第三組		第四組	
	民國 88 年 921 地震中 TCU076 測站人造地震歷時		民國 88 年 921 地震中 TCU079 測站人造地震歷時		民國 88 年 925 餘震中 TCU079 測站人造地震歷時		民國 105 年 0206 地震中 KAU012 測站人造地震歷時	
	X 向	Y 向	X 向	X 向	X 向	Y 向	X 向	Y 向
第 4 層-第 5 層	-1.507	1.114	1.769	-2.068	-1.038	1.523	-0.095	0.705
第 3 層-第 4 層	-0.944	0.460	1.103	-1.113	-0.499	0.748	0.065	0.176
第 2 層-第 3 層	-0.721	0.297	0.830	-0.602	-0.419	0.491	0.183	0.132
第 1 層-第 2 層	-7.156	4.542	4.289	-2.233	-1.206	4.866	3.088	0.757
地盤-第 1 層	-0.028	0.007	-0.001	0.008	-0.003	0.010	-0.009	0.039

單位：cm

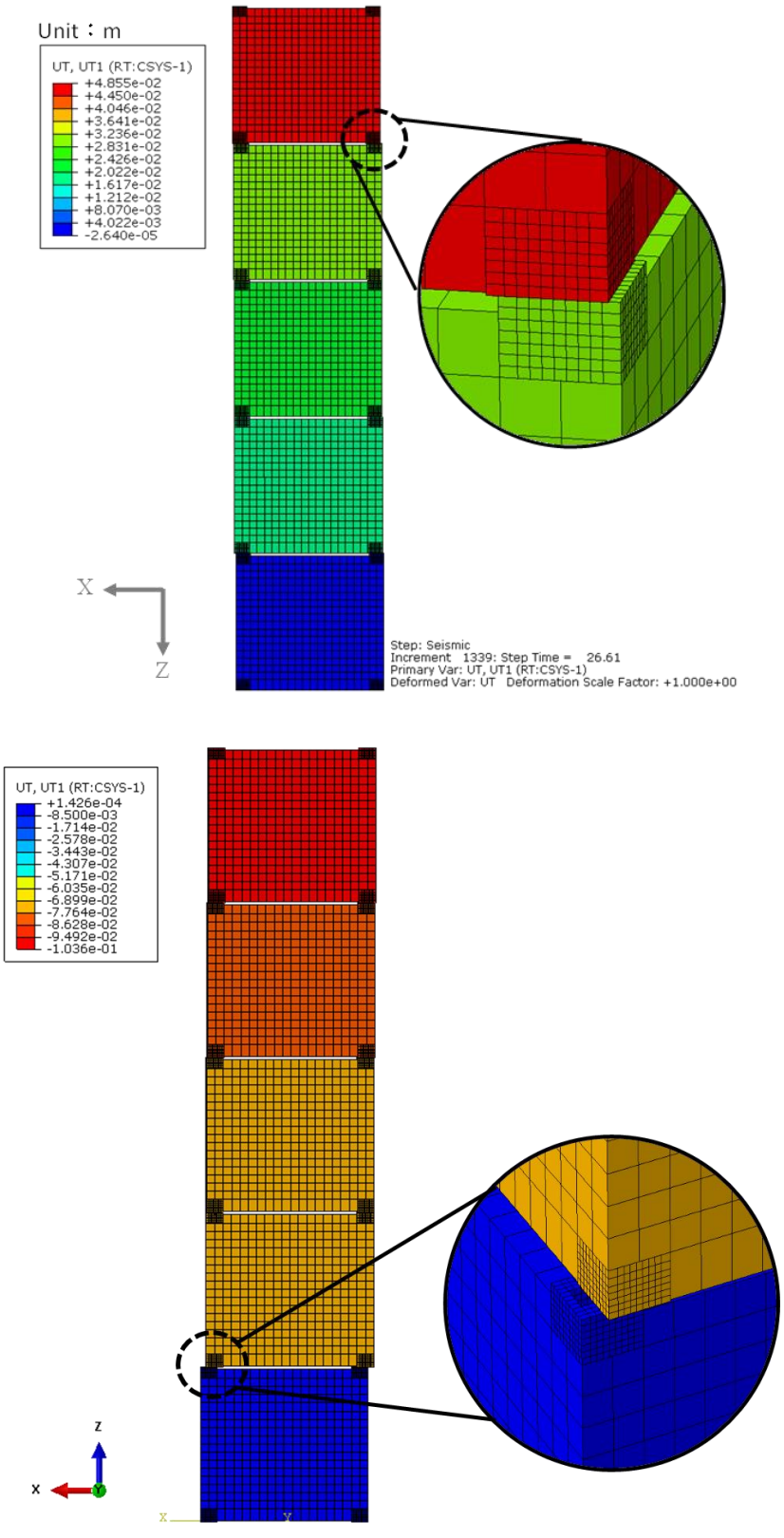


圖 20　Case 2 容器最大位移圖(第一組地震加速度)

五、容器位移穩定判斷標準

T 容器尺寸長寬分別為 200 cm 及 185 cm，在理想狀態下當容器之位移量仍在重心範圍內，容器傾倒機率甚低，但實務上，容器實際裝載重心亦可能會略有偏移，故建議容器位移穩定判斷標準下說明。

T 容器的 ISO 角隅接合裝置(長寬皆為 20 cm)略為突出容器本體，堆疊時，上下層容器之間，以及底層容器與地面的接觸面僅為 ISO 角隅接合裝置之面積。因此本分析建議保守設定當上下容器相對位移量超過 20 cm，即視為不穩定。

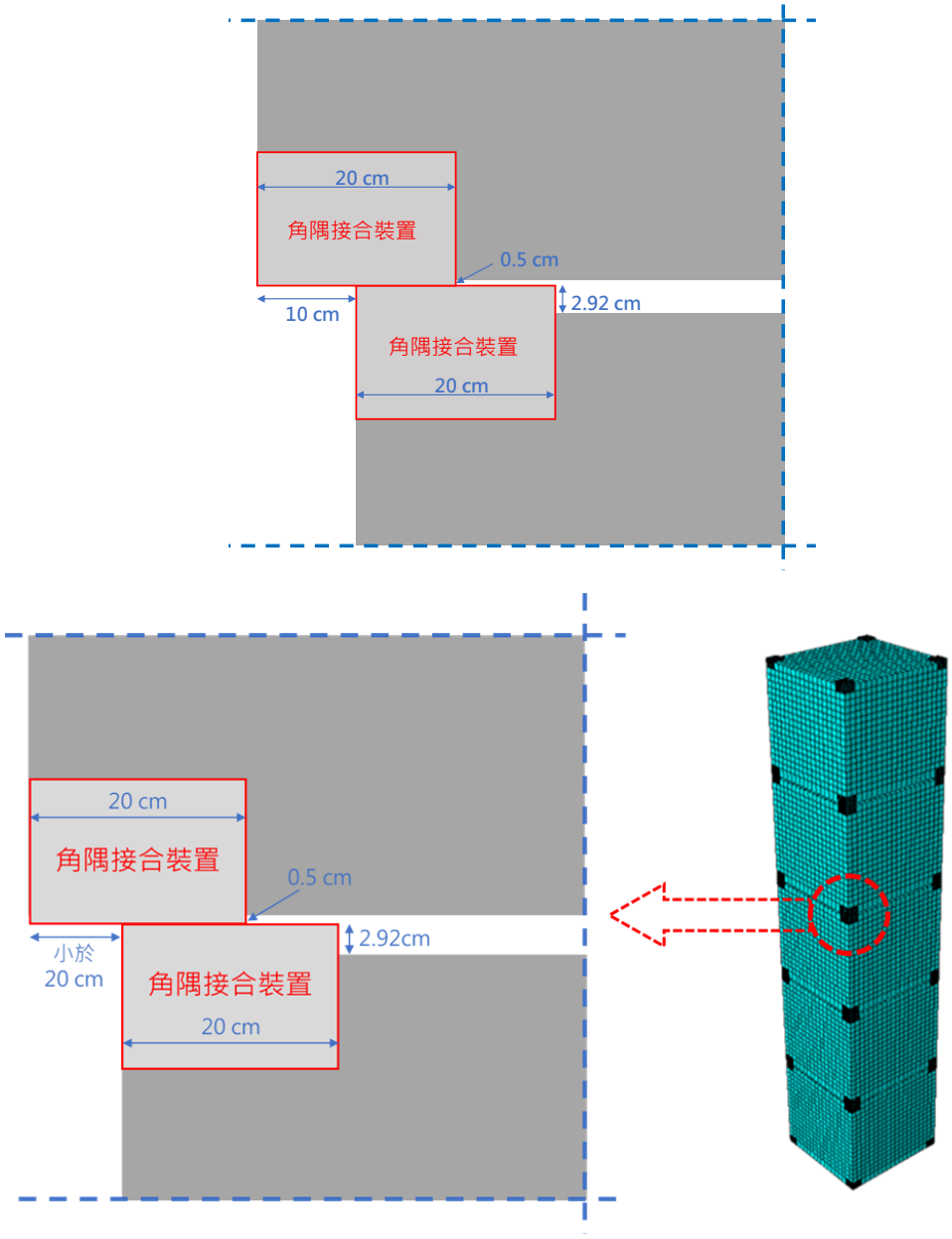


圖 21　容器位移限制示意圖

六、結論

依據分析結果可知，在地表加速度 0.28g 之下，T 容器最大相對位移量發生於 Case 2 的第 2 層容器，約移動 7.242 cm。T 容器堆疊體最大總位移量發生於 Case 2，約 10.36 cm。無論相對位移量及總位移量皆小於允許位移量，故 T 容器 5 層堆疊在設計地震地表加速度 0.28g 下為穩定。惟地震後應確認 T 容器之位移量，並儘量回歸原位，以避免因數次地震之位移累積導致位移量超過容許位移量。

台灣發生地震機率頻繁，但有感地震約佔每年地震發生次數之 2% ~ 6%。考慮到大部分地震之地表加速度極小，對容器堆疊不產生影響，故有必要針對地震後容器位移檢查訂定地震基準。由於地震震度可由地表加速度推算，建議可依震度分級訂定地震基準。依據中央氣象局之震度分類，三號低貯庫設計地表加速度 0.28g 屬於 6 弱級震度，考慮運轉階段地震一般採設計地震之半，再保守考慮 T 容器堆疊時之水平誤差，建議將容器位移檢查地震基準設定為 4 級震度地震。當核一廠區域發生 4 級地震時，應執行容器堆疊體位移檢查。

此外，進行貯位規劃時，在容器堆疊體之間，應預留容器位移之間隙，以避免容器堆疊體於地震時相互碰撞。考慮容器吊具上方之設備安裝空間及容器於地震時之可能位移量，建議於每個容器堆疊體之間，保留 15 cm 之間隙，則於設計地震情境下，容器堆疊體不會在位移時產生碰撞。

七、參考文獻

(一)容器開發設計報告-b 貯存邊界條件下容器堆疊穩定性評估，台電公司，2022，修訂三版。

(二)營運中核能電廠擴大地質調查工作，台電公司，2016，Rev.1 修訂版。

(三) STANDARD REVIEW PLAN 3.7.1 SEISMIC DESIGN PARAMETERS II ACCEPTANCE CRITERIA，U.S. NUCLEAR REGULATORY COMMISSION，2014，Rev. 4。

(四) D-A-CH-Mitteilungsblatt - Rutschen unverankerter Körper bei Erdbeben，H. Sadegh-Azar; M. Sadegh-Azar，2005，Band 80。

(五)An Improved Method for Nonstationary Spectral Matching，Atik and Abrahamson，2010，Volume 26, Issue 3。

附件 2-6　排水計算書

台灣電力公司

附件 2-6

排水計算書

中華民國 113 年 7 月

一、設計基準

(一)設計依據及準則

1.設計依據

(1)雨水下水道設計指南（109 年 12 月）。

(2)台灣地區雨量測站降雨強度-延時 Horner 公式分析（106 年 12 月）。

(3)核能發電廠水災危害再評估計畫期末報告書(台電第一核能電廠)定稿版(103 年 9 月)。

(4)縣管河川(乾華溪)治理規劃報告(94 年 9 月)。

(5)水土保持技術規範(109 年 3 月)。

(6)水土保持手冊(106 年 12 月)。

(7)Final Safety Analysis Report Amendment No.17- Chinshan Nuclear Power Station Unit 1&2. (2010).

2.設計頻率選定

排水系統設計重現期之決定，係依計畫規模、地區降雨特性、地表、地質狀況、排水構造物之重要性、風險損失、設施之經濟性及安全性而定。依據水土保持技術規範第 83 條要求，排水系統之設計洪水量以重現期 25 年之降雨強度計算，本計畫保守採 50 年重現期距之降雨強度作為設計考量。

(二)逕流係數

逕流係數一般係依集水區水文、地文特性、未來土地使用與等情況，參照附表 1 由於集水區狀態為非農業使用，因此選用開發整地區整地後之逕流係數 0.95。

附表 1　逕流係數(C)值建議表

集水區狀況	陡峻山地	山嶺區	丘陵地或森林地	平坦耕地	非農業使用
無開發整地區之逕流係數	0.75~0.90	0.70~0.80	0.50~0.75	0.45~0.60	0.75~0.95
開發整地區整地後之逕流係數	0.95	0.90	0.90	0.85	0.95~1.00

資料來源：水土保持技術規範第 18 條。

(三)降雨強度

排水系統降雨強度採用 50 年重現期距之降雨強度 169.55 mm/hr 做為設計基準。

(四)逕流量分析

依據水土保持技術規範第 17 條，逕流量估算，若有實測資料時得採用單位歷線分析；若無實測資料時，於集水面積一千公頃以內者，得採用合理化公式(Rational Formula)。本計畫基地各集水分區面積均小於一千公頃，故採用合理化公式計算各集水分區之設計逕流量，其公式列如下所示：

$$Q_p = \frac{1}{360} \times C \times I \times A$$

式中，Q_p：洪峰流量，CMS

C：逕流係數

I：降雨強度，mm/hr

A：集水面積，ha

(五)水力分析

依據水土保持技術規範第 84 條，渠流之平均流速以曼寧公式計算各排水設計斷面水深、流速等。

$$V = \frac{1}{n} \times R^{2/3} \times S^{1/2}$$

式中，V：斷面平均流速(公尺／秒)

R：水力半徑(公尺)

S：水力坡降

n：曼寧糙度，依據水土保持手冊基調篇附錄三、曼寧 n

值一覽表，考量渠道表面為混凝土 n 值採用 0.016。

(六)設計流速限制

溝渠設計流速應維持設計流量下底床不沖不淤，流速之限制將按不同溝渠材質而異。依水土保持技術規範第 85 條，溝渠內面為混凝土者，最大容許流速為 4.57~6.10m/s，無常水流者最大容許流速可採用上述值 6.10m/s；最小流速則不應低於 0.8 m/s。

(七)設計出水高度

設計水位至溝渠頂面應有足夠之出水高度，依據水土保持技術規範第 86 條，排水溝出水高為設計水深之 25%並大於等於 20 公分之設計原則，本排水工程之設計出水高度，最小值為 20 公分。

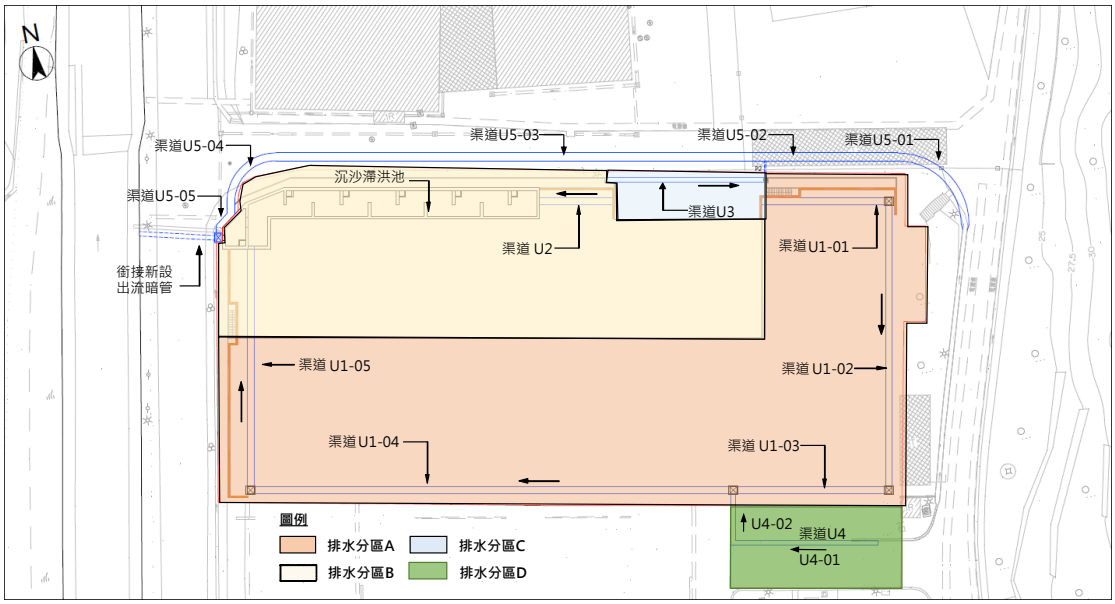
(八)設計成果

三號低貯庫之排水分區一共分為 4 區，位置如附圖 1 所示，分別為排水分區 A 集水面積為 4,614.04 平方公尺、排水分區 B 集水面積為 2,464.55 平方公尺、排水分區 C 之集水面積共 223 平方公尺以及排水分區 D 之集水面積共 446.68 平方公尺，排水分區皆為新設排水幹線，排水分區 A 共有五條主要排水幹線編號分別為 U1-01、U1-02、U1-03、U1-04 與 U1-05 其主要功能係收集基地內南側與東側之降雨逕流，其水溝斷面設計寬度皆為 0.5 公尺；而排水分區 B 設計有排水幹線 U2 主要為收集該區域內之降雨逕流，斷面設計寬度為 0.5 公尺；排水分區 C 之排水幹線 U3，主要為收集該區域內之降雨逕流，斷面設計寬度為 0.3 公尺，而排水分區 C 受地勢影響，故其排水係經由排水暗管 P2 導入 U5-03 之中；排水分區 D 之排水幹線 U4-01 與 U4-02，主要為收集該區域內之降雨逕流，斷面設計寬度為 0.3 公尺，其排水導入排水幹線 U1-03 中。

基地東北側道路排水明溝編號 U5-01 與 U5-02 為既有之排水渠道，因與基地北側新設排水溝銜接而局部重新修築，屬於原有排水渠道之復舊排水設施，其設計考量與原有排水溝類似。基

地北側之排水明溝編號 U5-03、U5-04 及 U-05 因既有排水渠道位於基地新設之擋土牆範圍內，該側溝將遭填土掩埋，而失去功能，故將予與重建。

其中 U5-01 排水溝其上游銜接既有排水溝而下游銜接編號 U5-02 ~ U5-05 排水溝，而編號 U5-01 排水溝斷面採矩形溝之明溝形式、編號 U5-02 ~ U5-05 排水溝則因考量道路仍有通行需求故採用明溝加蓋方式，斷面設計寬度為 0.6 公尺。



附圖 1　基地範圍排水分區圖

附表 2　A 分區排水幹線基本設計資料表

排水分區	排水幹線編號	集水面積 (m^2)	逕流量 (cms)	水溝斷面尺寸 W×H (m)	長度 (m)	上游渠底高程 (m)	下游渠底高程 (m)	渠道坡度
A	U1-01	215.54	0.010	0.5×0.4~0.5×0.55	22.00	21.5	21.35	0.00682
	U1-02	1579.46	0.071	0.5×0.55~0.5×0.7	50.20	21.35	21.20	0.00299
	U1-03	4441.77	0.199	0.5×0.7~0.5×0.8	26.50	21.20	21.10	0.00377
	U1-04	4888.45	0.219	0.5×0.8~0.5×1.0	84.85	21.10	20.90	0.00236
	U1-05	5066.97	0.227	0.5×1.0~0.5×1.1	42.30	20.90	20.80	0.00236

附表 3　B 分區排水幹線基本設計資料表

排水分區	排水幹線編號	集水面積 (m^2)	逕流量 (cms)	水溝斷面尺寸 W×H (m)	長度 (m)	上游渠底高程 (m)	下游渠底高程 (m)	渠道坡度
B	U2	2621.19	0.117	0.5×0.5~0.5×0.6	12.98	21.40	21.30	0.0077

附表 4　C 分區排水幹線基本設計資料表

排水分區	排水幹線編號	集水面積 (m^2)	逕流量 (cms)	水溝斷面尺寸 W×H (m)	長度 (m)	上游渠底高程 (m)	下游渠底高程 (m)	渠道坡度
C	U3	222.94	0.010	0.3×0.4~0.3×0.6	28.23	18.6	18.4	0.00708
	P2			暗管直徑 0.2	3.58	18.38	18.36	0.005

附表 5　D 分區排水幹線基本設計資料表

排水分區	排水幹線編號	集水面積 (m^2)	逕流量 (cms)	水溝斷面尺寸 W×H (m)	長度 (m)	上游渠底高程 (m)	下游渠底高程 (m)	渠道坡度
D	U4-01	446.68	0.020	0.3×0.4~0.3×0.6	25.70	21.50	21.30	0.00778
	U4-02			0.3×0.6~0.3×0.65	8.73	21.30	21.25	0.00778

附表 6　基地北側道路排水幹線基本設計資料表

排水分區	排水幹線編號	集水面積 (m^2)	逕流量 (cms)	水溝斷面尺寸 WxH (m)	長度 (m)	上游渠底高程 (m)	下游渠底高程 (m)	渠道坡度
E	U5-01	2,809.89	0.147	0.6x0.5~0.6x0.55	18.53	18.93	18.83	0.00540
E	U5-02			0.6x0.55~0.6x0.65	23.83	18.83	18.39	0.01864
E+C	U5-03			0.6x0.65~0.6x0.7	69.55	18.39	18.18	0.00302
E+C	U5-04			0.6x0.7~0.6x0.54	31.76	18.18	17.76	0.01322
E+C	U5-05			0.6x0.54~0.6x0.59	3.93	17.76	17.68	0.02036

備註：1.基地北側道路排水溝包含排水分區 C 之集水面積、基地東側既有綠帶之集水面積、北側道路之集水面積，以及考慮未來可能肩負南側 85 萬加侖桶油槽區之降雨逕流。

2.排水幹線 E 為基地北側道路排水溝後半段。

3.排水幹線 E 分為 U5-01 與 U5-02～U5-05 兩段，其中 U5-01 為明溝型式、U5-02～U5-05 為明溝加蓋型式。

(九)設計成果檢核

以本計畫基地排水設計斷面進行一維水理檢核,採用之水理模式為美國陸軍工兵團所發展的一維模式 HEC-RAS 程式進行水理分析，HEC-RAS 程式在國內廣泛應用於河川相關治理規劃與工程設計分析中使用，該模式適宜分析天然河道或人工渠道，可以考慮定量流或變量流條件下模擬各種情況,本基地輸入之模擬參數如附表 7 所示，分析成果如附表 8~附表 12 所示，水位縱剖線如附圖 2~附圖 6 所示。由一維水理檢核結果可知，本案基地之排水幹線其渠道設計容量與流速皆可滿足設計基準需求,故排水設計應屬合宜。

附表 7　一維水理分析輸入參數表

參數項目		參數值
排水幹線 U1	排水幹線 U1-01 檢核流量(cms)	0.011
	排水幹線 U1-02 檢核流量(cms)	0.083
	排水幹線 U1-03 檢核流量(cms)	0.233
	排水幹線 U1-04 檢核流量(cms)	0.256
	排水幹線 U1-05 檢核流量(cms)	0.265
排水幹線 U2 檢核流量(cms)		0.137
排水幹線 U3 檢核流量(cms)		0.012
排水幹線 U4	排水幹線 U4-01 檢核流量(cms)	0.023
	排水幹線 U4-01 檢核流量(cms)	0.023
排水幹線 U5	排水幹線 U5-01~U5-02 檢核流量(cms)	0.14712
	排水幹線 U5-03~U5-05 檢核流量(cms)	0.15879
平整混凝土渠道曼寧糙度值		0.016

備註：採用 200 年重現期距洪水 198.3977.mm/hr 所產生之逕流量進行檢驗。

附表 8　排水幹線 U1 一維水理分析檢核表

排水斷面編號	累距 (m)	路面高程 (m)	水位 (m)	水力坡降 (m/m)	平均流速 (m/s)	水面寬 (m)	通水面積 (m^2)	福祿數 (m)	檢核
斷面 6	0	21.9	21.37	0.002281	0.93	0.50	0.29	0.39	ok
斷面 5	42.3	21.9	21.47	0.002316	0.94	0.50	0.28	0.40	ok
斷面 4	127.0	21.9	21.66	0.002217	0.91	0.50	0.28	0.39	ok
斷面 3	153.5	21.9	21.72	0.002193	0.89	0.50	0.26	0.40	ok
斷面 2	203.7	21.9	21.82	0.000365	0.36	0.50	0.23	0.17	ok
斷面 1	225.7	21.9	21.83	0.000016	0.07	0.50	0.16	0.04	ok

附表 9　排水幹線 U2 一維水理分析檢核表

排水斷面編號	累距 (m)	路面高程 (m)	水位 (m)	水力坡降 (m/m)	平均流速 (m/s)	水面寬 (m)	通水面積 (m^2)	福祿數 (m)	檢核
斷面 3	0	21.9	21.51	0.007701	1.29	0.50	0.11	0.90	ok
斷面 2	2.98	21.9	21.53	0.007427	1.28	0.50	0.11	0.88	ok
斷面 1	12.98	21.9	21.61	0.008012	1.31	0.50	0.10	0.92	ok

附表 10　排水幹線 U3 一維水理分析檢核表

排水斷面編號	累距 (m)	路面高程 (m)	水位 (m)	水力坡降 (m/m)	平均流速 (m/s)	水面寬 (m)	通水面積 (m^2)	福祿數 (m)	檢核
斷面 3	0	19.0	18.46	0.007102	0.65	0.30	0.02	0.84	ok
斷面 2	8.23	19.0	18.52	0.007035	0.65	0.30	0.02	0.84	ok
斷面 1	28.23	19.0	18.66	0.007266	0.66	0.30	0.02	0.85	ok

附表 11　排水幹線 U4 一維水理分析檢核表

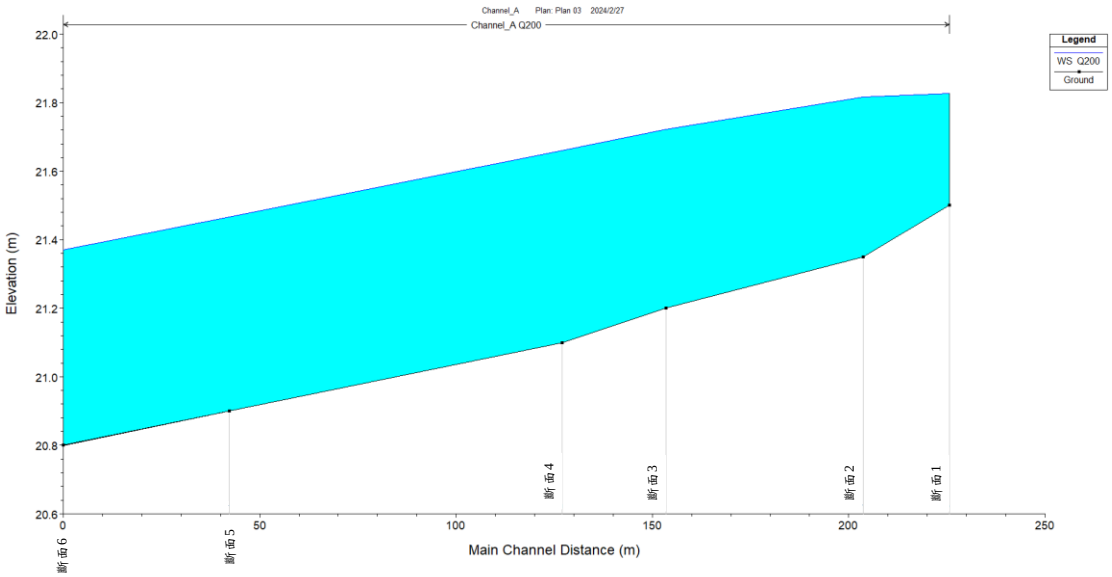
排水斷面編號	累距 (m)	路面高程 (m)	水位 (m)	水力坡降 (m/m)	平均流速 (m/s)	水面寬 (m)	通水面積 (m^2)	福祿數 (m)	檢核
斷面 4	0	21.9	21.35	0.005731	0.74	0.30	0.03	0.73	ok
斷面 3	8.73	21.9	21.40	0.005724	0.74	0.30	0.03	0.73	ok
斷面 2	24.43	21.9	21.51	0.009470	0.88	0.30	0.03	0.95	ok
斷面 1	34.43	21.9	21.60	0.007137	0.80	0.30	0.03	0.82	ok

附表 12　排水幹線 U5 一維水理分析檢核表

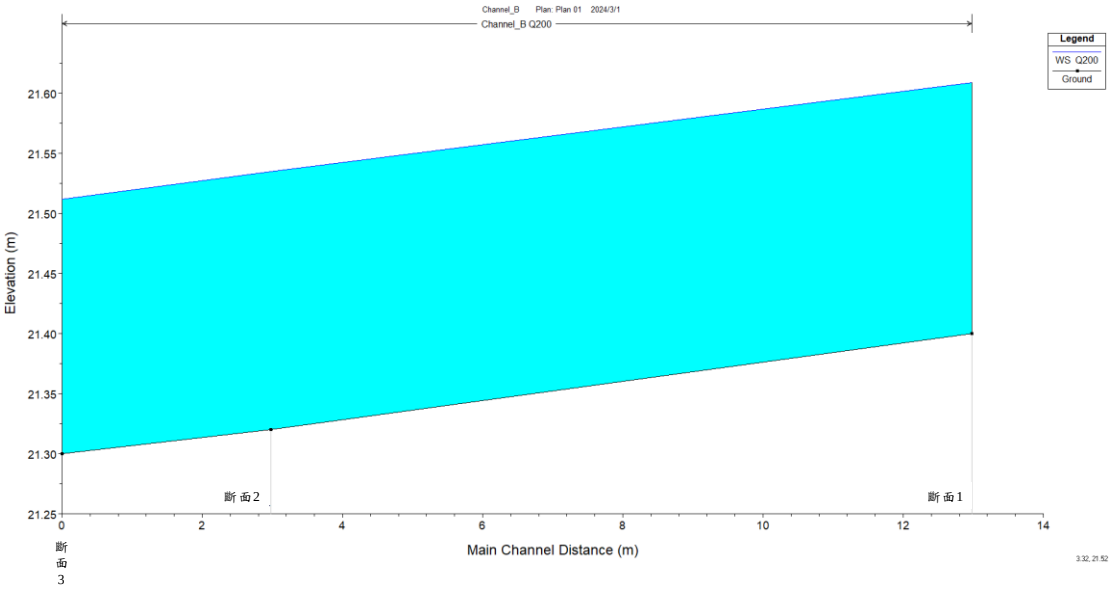
排水斷面編號	累距 (m)	路面高程 (m)	水位 (m)	能量坡降 (m/m)	平均流速 (m/s)	水面寬 (m)	通水面積 (m^2)	福祿數 (m)	檢核
斷面 10	0	18.27	17.83	0.017748	1.78	0.60	0.09	1.48	ok
斷面 9	3.93	18.60	17.90	0.019390	1.84	0.60	0.09	1.55	ok
斷面 8	35.69	18.88	18.37	0.008443	1.38	0.60	0.12	1.00	ok
斷面 7	105.24	19.04	18.70	0.002197	0.84	0.60	0.19	0.48	ok
斷面 6	129.07	19.38	19.01	0.008338	1.34	0.60	0.11	1.00	ok
斷面 5	147.60	19.43	19.01	0.059941	2.44	0.80	0.06	2.83	ok
斷面 4	167.60	20.36	19.86	0.023671	1.80	0.80	0.08	1.80	ok
斷面 3	187.60	21.10	20.56	0.117610	3.02	0.80	0.05	3.90	ok
斷面 2	207.60	21.93	21.46	0.010479	1.38	0.80	0.11	1.20	ok
斷面 1	211.45	21.95	21.44	0.038728	2.12	0.80	0.07	2.29	ok

備註：1.排水斷面編號 6 至編號 10 為基地北側道路排水幹線復舊之新建渠道。

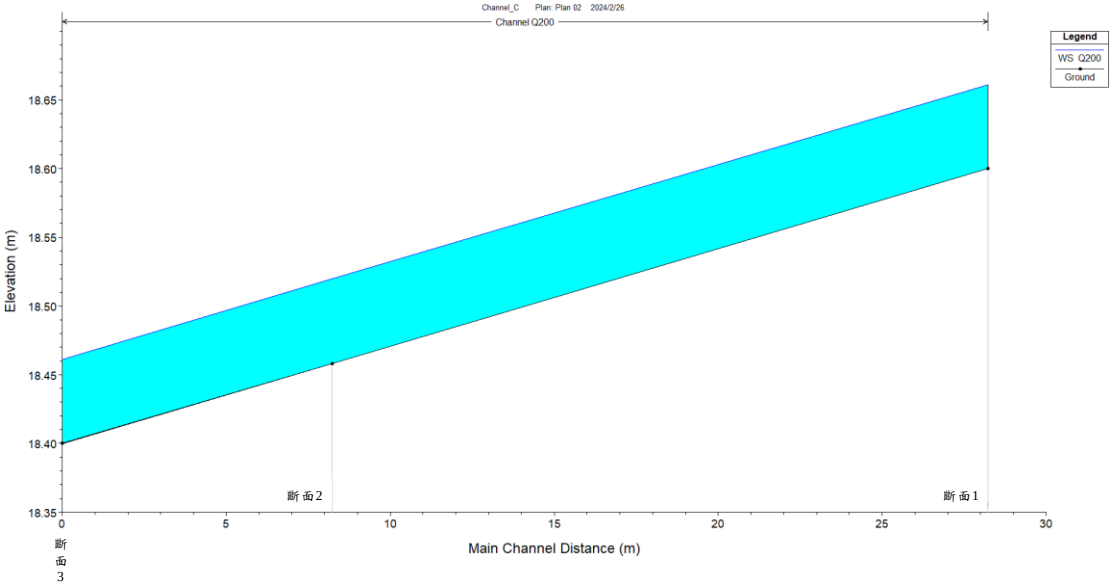
2.其餘排水斷面為既有渠道。



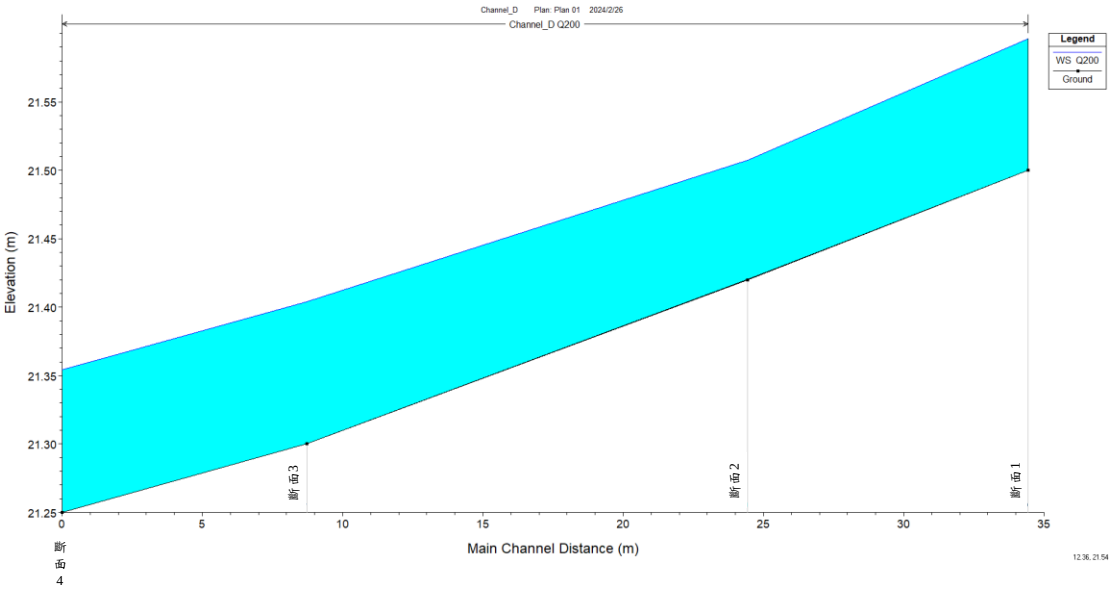
附圖 2　排水幹線 U1 水位線縱剖圖



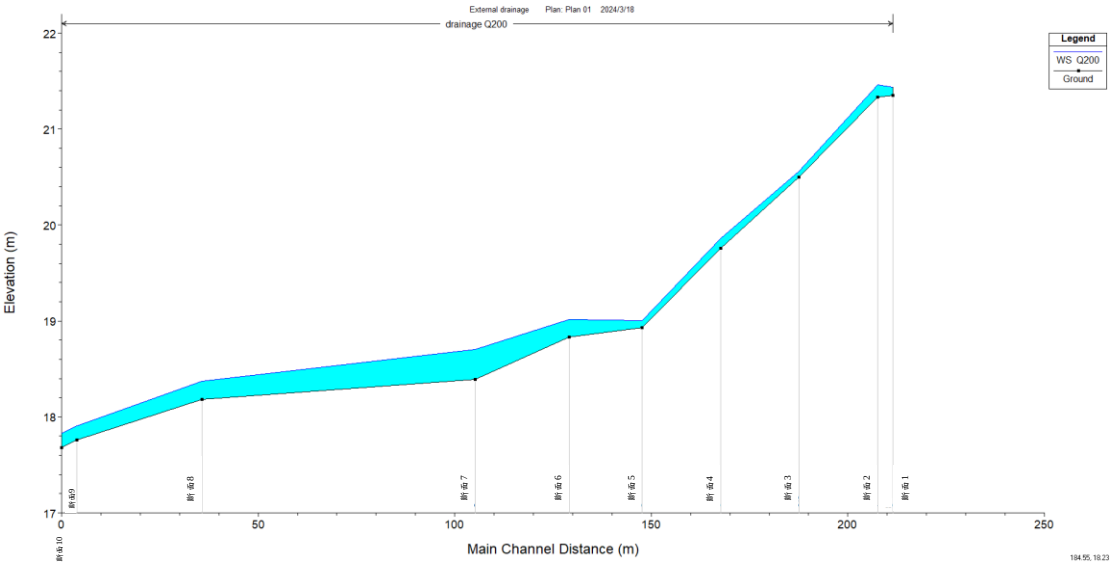
附圖 3　排水幹線 U2 水位線縱剖圖



附圖 4　排水幹線 U3 水位線縱剖圖



附圖 5　排水幹線 U4 水位線縱剖圖



附圖 6　排水幹線 U5 水位線縱剖圖

附件 2-7　核一廠三號低貯庫東側邊坡監測計畫

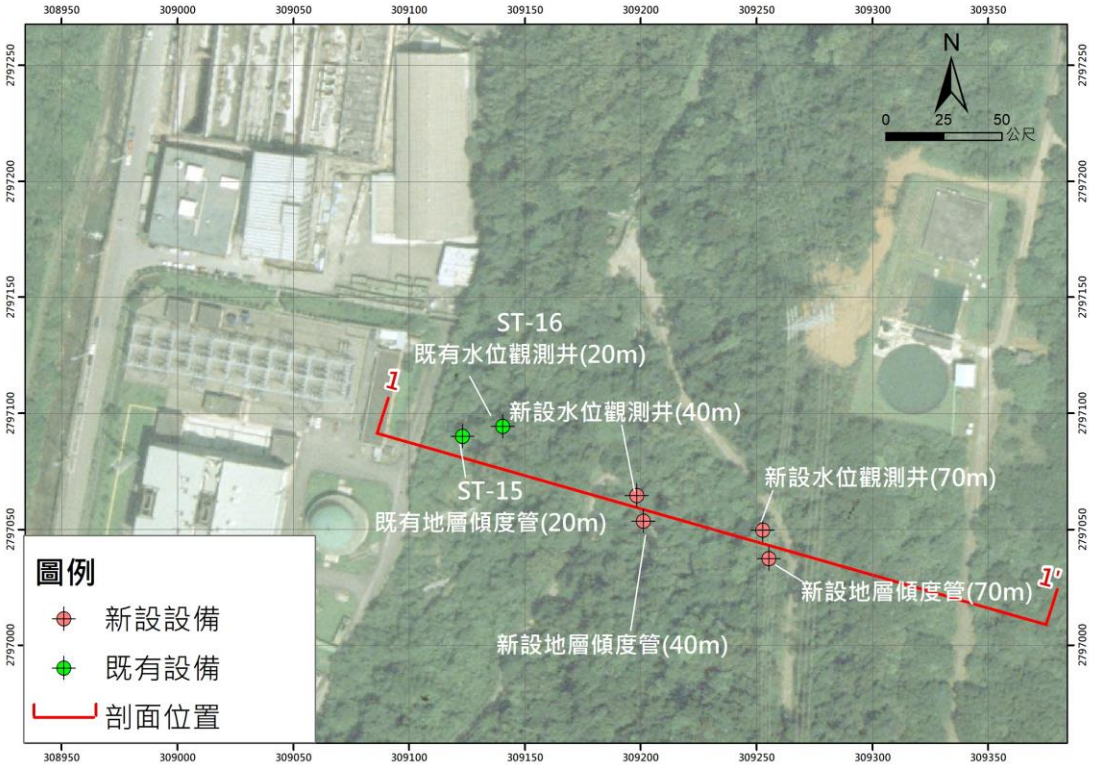
台灣電力公司

附件 2-7

核一廠三貯庫東側邊坡監測計畫

中華民國 113 年 7 月

核一廠除役低放射性廢棄物貯存庫(以下簡稱三貯庫)之東側邊坡，規劃將依照東側邊坡監測計畫(以下簡稱本計畫)，進行三貯庫興建期間及完成後之邊坡穩定監測作業。監測孔位如圖一所示，包含既有地層傾度管 ST-15(20m)、既有水位觀測井 ST-16(20m)、新設地層傾度管(40m)、新設地層傾度管(70m)、新設水位觀測井(40m)、及新設水位觀測井(70m)等六處，執行水位觀測及地層傾度量測工作。



圖一　三貯庫東側邊坡監測位置規劃

監測工作包含測傾管量測與水位量測二種，以量測地層傾度與地下水位高度，量測深度則依照孔位深度辦理，分為 20m、40m 及 70m 等三種，監測頻率在三貯庫興建期間，水位採用電子式水壓計，每小時進行一次紀錄，資料蒐集每週二次；測傾管則每週施測二次。另在遭遇豪雨事件(雨量以中央氣象局富貴角雨量站紀錄為準)或核一廠震度達四級以上地震事件後，將加密監測。施工完成後進入運轉期間則按電廠程序書辦理。下表一將各監測孔位資訊列表說明。

表一 三貯庫東側邊坡監測孔位資訊列表

孔位名稱	編號	深度(m)	監測項目	興建期間監測頻率	運轉期間監測頻率
既有地層傾度管 ST-15	ST-15	20	測傾管	每週至少二次	按電廠程序書辦理
新設地層傾度管(40m)	ST-17	40	測傾管		
新設地層傾度管(70m)	ST-18	70	測傾管		
既有水位觀測井 ST-16	ST-16	20	水位井	每小時進行一次記錄，每週至少二次資料蒐集	
新設水位觀測井(40m)	ST-19	40	水位井		
新設水位觀測井(70m)	ST-20	70	水位井		

註：加密監測頻率視現場狀況依技師判斷決定。

傾度管與水位觀測井監測警戒值與行動值等依照下表二進行，一旦監測結果達警戒值與行動值標準，應召開會議討論因應對策辦理應對。在執行監測累計數據達三個月後，再檢討訂定管理值是否需調整。

表二 測傾管、水位觀測井監測管理值

儀器名稱	施工期間		運轉期間	
	警戒值	行動值	警戒值	行動值
測傾管	2~10mm/月	大於 10mm/月	大於 10mm/月	大幅超出前值
水位觀測井	較常時水位上升 7M~10M	較常時水位上升超過 10M	較常時水位上升超過 10M	大幅超出前值

附件 3-1　結構計算書

台灣電力公司

附件 3-1

結構計算書

中華民國 113 年 7 月

目　錄

一、　結構概述 1
二、　材料規格 3
三、　設計規範 3
四、　載重組合 4
五、　設計載重 7
六、　分析電腦程式 23
七、　結構設計流程 24
八、　結構平面圖 26
九、　結構分析模型 32
十、　樓層重量計算 53
十一、　意外扭矩檢核 55
十二、　層間相對位移與碰撞距離檢核 59
十三、　勁度不規則性及強度不連續性檢核 65
十四、　樑桿件設計 66
十五、　柱桿件設計 120
十六、　樓版設計 157
十七、　基礎設計 162
十八、　剪力牆設計 212
十九、　托架設計 223
二十、　其他結構設計 228

二十一、 樓版剪力傳遞檢核 231
二十二、 電腦輸入參數 238
二十三、 電腦報表輸出 318
二十四、 App.-A 斷層新事證檢核地震評估報告
二十五、 App.-B 基礎承載力計算書及沉陷量分析
二十六、 App.-C 結構耐震能力評估檢核報告
二十七、 App.-D 天車桁樑計算書
二十八、 App.-E 結構設計外審意見書

圖　目　錄

圖 1 建築物平面圖 1
圖 2 容器儲存區剖面圖 2
圖 3 輔助區剖面圖 2
圖 4 設計載重示意圖 7
圖 5 天車設計圖 11
圖 6 最小設計地震水平加速度反應譜 18
圖 7 中小度設計地震水平加速度反應譜 18
圖 8 最大考量地震水平加速度反應譜 19
圖 9 程式登記證書 23
圖 10 3D 結構分析模型 33
圖 11 結構分析模型平面 B1F (EL.+19.25) 33
圖 12 結構分析模型平面 1F (EL.+21.90) 34
圖 13 結構分析模型平面 2F (EL.+26.90) 34
圖 14 結構分析模型平面 3F (EL.+31.90) 35
圖 15 結構分析模型平面 4F (EL.+36.90 / EL.+35.30) 35
圖 16 結構分析模型平面 RF (EL.+42.60) 36
圖 17 結構分析模型柱線 A 立面圖 36
圖 18 結構分析模型柱線 B 立面圖 36
圖 19 結構分析模型柱線 C 立面圖 37
圖 20 結構分析模型柱線 1 立面圖 37
圖 21 結構分析模型柱線 2 立面圖 38
圖 22 結構分析模型柱線 3 立面圖 38
圖 23 結構分析模型柱線 4 立面圖 39
圖 24 結構分析模型柱線 5 立面圖 39
圖 25 結構分析模型柱線 6 立面圖 40
圖 26 結構分析模型柱線 7 立面圖 40
圖 27 結構分析模型柱線 8 立面圖 41
圖 28 結構分析模型柱線 9 立面圖 41
圖 29 結構分析模型柱線 10 立面圖 42
圖 30 結構分析模型柱線 11 立面圖 42
圖 31 結構分析模型柱線 1 剪力牆 43
圖 32 結構分析模型柱線 7 剪力牆 43
圖 33 結構分析模型柱線 9 剪力牆 44
圖 34 結構分析模型柱線 11 剪力牆 44
圖 35 結構分析模型柱線 A 剪力牆 45

圖 36 結構分析模型柱線 C 剪力牆 45
圖 37 結構分析模型 2F 樓版(EL.+26.90) 45
圖 38 結構分析模型 3F 樓版(EL.+31.90) 46
圖 39 結構分析模型 R1F 樓版(EL.+35.30) 46
圖 40 結構分析模型 RF 樓版(EL.+42.60) 47
圖 41 X 向模態 50
圖 42 Y 向模態 51
圖 43 扭轉向模態 52
圖 44 2F 樑桿件主筋需求(柱線 1~5) 104
圖 45 2F 樑桿件主筋需求(柱線 5~11) 105
圖 46 3F 樑桿件主筋需求(柱線 1~5) 106
圖 47 3F 樑桿件主筋需求(柱線 5~11) 107
圖 48 4F 樑桿件主筋需求(柱線 1~5) 108
圖 49 4F 樑桿件主筋需求(柱線 5~11) 109
圖 50 RF 樑桿件主筋需求(柱線 1~5) 110
圖 51 RF 樑桿件主筋需求(柱線 5~9) 111
圖 52 2F 樑桿件剪力筋需求(柱線 1~5) 112
圖 53 2F 樑桿件剪力筋需求(柱線 5~11) 113
圖 54 3F 樑桿件剪力筋需求(柱線 1~5) 114
圖 55 3F 樑桿件剪力筋需求(柱線 5~11) 115
圖 56 4F 樑桿件剪力筋需求(柱線 1~5) 116
圖 57 4F 樑桿件剪力筋需求(柱線 5~11) 117
圖 58 RF 樑桿件剪力筋需求(柱線 1~5) 118
圖 59 RF 樑桿件剪力筋需求(柱線 5~9) 119
圖 60 柱線 1 柱桿件主筋應力比(需求/容量) 137
圖 61 柱線 2 柱桿件主筋應力比(需求/容量) 137
圖 62 柱線 3 柱桿件主筋應力比(需求/容量) 138
圖 63 柱線 4 柱桿件主筋應力比(需求/容量) 138
圖 64 柱線 5 柱桿件主筋應力比(需求/容量) 139
圖 65 柱線 6 柱桿件主筋應力比(需求/容量) 139
圖 66 柱線 7 柱桿件主筋應力比(需求/容量) 140
圖 67 柱線 8 柱桿件主筋應力比(需求/容量) 140
圖 68 柱線 9 柱桿件主筋應力比(需求/容量) 141
圖 69 柱線 10 柱桿件主筋應力比(需求/容量) 141
圖 70 柱線 11 柱桿件主筋應力比(需求/容量) 142
圖 71 柱線 A 柱桿件主筋應力比(需求/容量) 142
圖 72 柱線 B 柱桿件主筋應力比(需求/容量) 142
圖 73 柱線 C 柱桿件主筋應力比(需求/容量) 143

圖 74 柱線 1 柱桿件剪力筋需求 143
圖 75 柱線 2 柱桿件剪力筋需求 144
圖 76 柱線 3 柱桿件剪力筋需求 144
圖 77 柱線 4 柱桿件剪力筋需求 145
圖 78 柱線 5 柱桿件剪力筋需求 145
圖 79 柱線 6 柱桿件剪力筋需求 146
圖 80 柱線 7 柱桿件剪力筋需求 146
圖 81 柱線 8 柱桿件剪力筋需求 147
圖 82 柱線 9 柱桿件剪力筋需求 147
圖 83 柱線 10 柱桿件剪力筋需求 148
圖 84 柱線 11 柱桿件剪力筋需求 148
圖 85 柱線 A 柱桿件剪力筋需求 149
圖 86 柱線 B 柱桿件剪力筋需求 149
圖 87 柱線 C 柱桿件剪力筋需求 149
圖 88 柱線 1 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 150
圖 89 柱線 2 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 151
圖 90 柱線 3 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 151
圖 91 柱線 4 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 152
圖 92 柱線 5 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 152
圖 93 柱線 6 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 153
圖 94 柱線 7 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 153
圖 95 柱線 8 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 154
圖 96 柱線 9 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 154
圖 97 柱線 10 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 155
圖 98 柱線 11 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 155
圖 99 柱線 A 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 156
圖 100 柱線 B 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 156
圖 101 柱線 C 柱桿件 $1.2\Sigma M_{BC} / \Sigma M_{NC}$ 比值 156
圖 102 垂直地盤反力係數 162
圖 103 基礎結構模型平面圖 162
圖 104 穿孔剪力比 163
圖 105 土壤長期反力 (單位: TF/M^2) 164
圖 106 土壤短期反力 (單位: TF/M^2) 164
圖 107 土壤極限狀態反力 (單位: TF/M^2) 165
圖 108 基礎版沉陷量 (單位: M) 166
圖 109 基礎結構模型節點編號 167
圖 110 基礎版彎矩圖 M11(MAX) 168
圖 111 基礎版彎矩圖 M11(MIN) 168

圖 112 基礎版彎矩圖 M12(MAX)..... 169
圖 113 基礎版彎矩圖 M12(MIN) 169
圖 114 基礎版彎矩圖 M22(MAX)..... 186
圖 115 基礎版彎矩圖 M22(MIN) 186
圖 116 基礎版彎矩圖 M12(MAX)..... 187
圖 117 基礎版彎矩圖 M12(MIN) 187
圖 118 柱線 1 剪力牆應力比(需求/容量)..... 219
圖 119 柱線 7 剪力牆應力比(需求/容量)..... 219
圖 120 柱線 9 剪力牆應力比(需求/容量)..... 220
圖 121 柱線 11 剪力牆應力比(需求/容量)..... 220
圖 122 柱線 A 剪力牆應力比(需求/容量)..... 221
圖 123 柱線 C 剪力牆應力比(需求/容量)..... 222
圖 124 托架 A 配筋詳圖 (單位 : CM)..... 225
圖 125 托架 B 配筋詳圖 (單位 : CM)..... 227
圖 126 RF 樓版剪力傳遞檢核斷面位置 (單位 : CM)..... 231
圖 127 2F 樓版剪力傳遞檢核斷面位置 (單位 : CM) 233
圖 128 3F 樓版剪力傳遞檢核斷面位置 (單位 : CM) 235

表 目 錄

表 1 容器儲存區各樓層高度及主要用途 1
表 2 輔助區各樓層高度及主要用途 2
表 3 設計載重項目 7
表 4 樓板靜載重考量表 8
表 5 容器儲存區之各層靜載重 8
表 6 輔助區之各層靜載重 9
表 7 容器儲存區各層活載重 11
表 8 輔助區各層活載重 12
表 9 X 向地震力樓層分配表 17
表 10 Y 向地震力樓層分配表 17
表 11 樓層總重及質量不規則性檢核表 17
表 12 地震力基底總橫力 19
表 13 普通建築物風壓力 20
表 14 容器儲存區 X 向風力 21
表 15 輔助區 X 向風力 22
表 16 容器儲存區 Y 向風力 22
表 17 輔助區 Y 向風力 22
表 18 法規地震力(1.0EQ)與法規風力(1.6W)比較表 22
表 19 結構主要桿件尺寸表 32
表 20 各模態週期及參與質量比 48
表 21 各樓層重量表 53
表 22 容器儲存區意外扭矩檢核(靜力分析) 55
表 23 輔助區意外扭矩檢核(靜力分析) 56
表 24 容器儲存區意外扭矩檢核(動力分析) 57
表 25 輔助區意外扭矩檢核(動力分析) 57
表 26 容器儲存區層間變位角檢核(靜力分析) 60
表 27 輔助區層間變位角檢核(靜力分析) 60
表 28 容器儲存區層間變位角檢核(動力分析) 61
表 29 輔助區層間變位角檢核(動力分析) 62
表 30 勁度不規則檢核表 65
表 31 強度不連續檢核表 65
表 32 樓版鋼筋配置 158
表 33 垂直容許承載力 164
表 34 水平容許承載力 165
表 35 基礎版各節點之變形角 167

表 36 基礎版配筋表 211
表 37 剪力牆配筋表 212
表 38 女兒牆配筋表 228

一、 結構概述

1. 基地位置

   本工程位於新北市石門區

2. 建築物概述

   基地總面積： 4213.75 m^2 (計算採牆中心至牆中心)

   本案結構主要分為容器儲存區及輔助區。

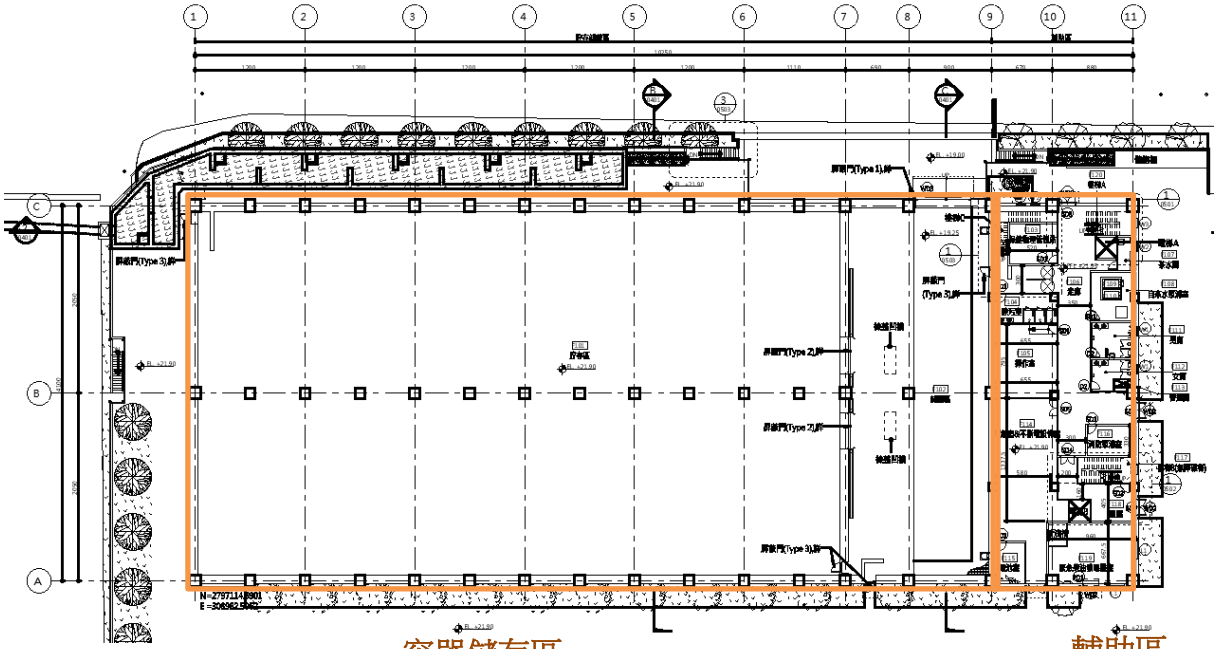


圖 1 建築物平面圖

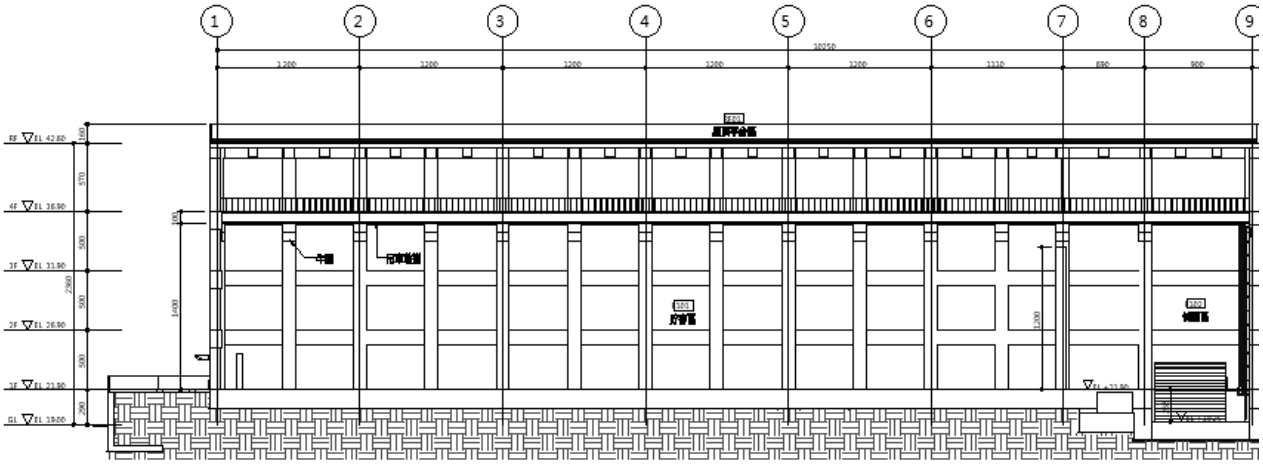
(1) 容器儲存區

建築物規模：地上一層(樓高 20.7m)

各樓層高度及主要用途、剖面圖如下所示

表 1 容器儲存區各樓層高度及主要用途

樓層	樓高(m)	樓層主要用途
RF	-	屋頂平台
1F	20.7	容器儲存區、接收檢查區



(高程單位：m，其餘單位：cm)

圖 2 容器儲存區剖面圖

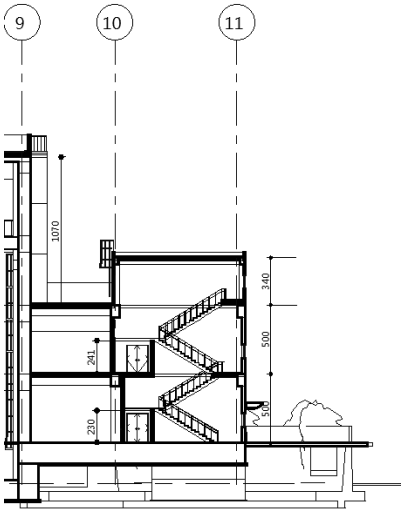
(2) 輔助區

建築物規模：地上二層(含屋突樓高 13.4m)

各樓層高度及主要用途、剖面圖如下所示

表 2 輔助區各樓層高度及主要用途

樓層	樓高(m)	樓層主要用途
R1F	-	一般屋頂
3F	3.4	屋頂平台、電梯機房
2F	5	空調機室
1F	5	發電機室



(單位：cm)

圖 3 輔助區剖面圖

3. 建築結構基本設計資料

構造種類：鋼筋混凝土造

結構系統：剪力牆構架系統

基礎型式：平板式基礎

結構設計方法：極限強度設計法

地震力分析方法：法規靜力分析、動力分析

二、 材料規格

1. 鋼筋

D13(#4)(含)以上，竹節鋼筋 fy=4200 kgf/cm^2。(CNS560 A2006 SD420W)

D10(#3)(含)以下，竹節鋼筋 fy=2800 kgf/cm^2。(CNS560 A2006 SD280)

2. 混凝土 28 天齡期抗壓強度

主體結構： fc' ≧350kgf/cm^2。

打底用混凝土： fc'≧140kgf/cm^2。

三、 設計規範

1. 內政部「中華民國建築技術規則」(111 年 9 月)
2. 內政部「建築物耐震設計規範及解說」(111 年 10 月)
3. 內政部「建築物耐風設計規範及解說」(104 年 1 月)
4. 內政部「建築物基礎構造設計規範」(113 年 1 月)
5. 內政部「建築物混凝土結構設計規範」(113 年 1 月)

四、 載重組合

載重組合依據「建築物混凝土結構設計規範」第五章 5.3 節及「建築物耐震設計規範及解說」第二章 2.18 節「垂直地震力」解說相關規定，RC 結構 USD 設計之載重組合如下所示：

(1) ------ 1.4(DL+F)
(2) ------ 1.2(DL+F+T)+1.6(LL+H)+0.5(Lr 或 S 或 R)
(3) ------ 1.2DL+1.0LL+1.6(Lr 或 S 或 R)
(4) ------ 1.2DL±0.8Wx+1.6(Lr 或 S 或 R)
  (4a) ------ 1.2DL+0.8Wx+1.6(Lr 或 S 或 R)
  (4b) ------ 1.2DL-0.8Wx+1.6(Lr 或 S 或 R)
(5) ------ 1.2DL±0.8Wy+1.6(Lr 或 S 或 R)
  (5a) ------ 1.2DL+0.8Wy+1.6(Lr 或 S 或 R)
  (5b) ------ 1.2DL-0.8Wy+1.6(Lr 或 S 或 R)
(6) ------ 1.2DL+1.0LL ± EQx ± 0.3EQ_V+0.2S
  (6a) ------ 1.2DL+1.0LL + EQx + 0.3EQ_V+0.2S
  (6b) ------ 1.2DL+1.0LL + EQx - 0.3EQ_V+0.2S
  (6c) ------ 1.2DL+1.0LL - EQx + 0.3EQ_V+0.2S
  (6d) ------ 1.2DL+1.0LL - EQx - 0.3EQ_V+0.2S
(7) ------ 1.2DL+1.0LL ± EQy ± 0.3EQ_V+0.2S
  (7a) ------ 1.2DL+1.0LL + EQy + 0.3EQ_V+0.2S
  (7b) ------ 1.2DL+1.0LL + EQy - 0.3EQ_V+0.2S
  (7c) ------ 1.2DL+1.0LL - EQy + 0.3EQ_V+0.2S
  (7d) ------ 1.2DL+1.0LL - EQy - 0.3EQ_V+0.2S
(8) ------ 1.2DL+1.0LL ± 0.3EQx ± EQ_V+0.2S
  (8a) ------ 1.2DL+1.0LL + 0.3EQx + EQ_V+0.2S
  (8b) ------ 1.2DL+1.0LL + 0.3EQx - EQ_V+0.2S
  (8c) ------ 1.2DL+1.0LL – 0.3EQx + EQ_V+0.2S
  (8d) ------ 1.2DL+1.0LL – 0.3EQx - EQ_V+0.2S
(9) ------ 1.2DL+1.0LL ± 0.3EQy ± EQ_V+0.2S
  (9a) ------ 1.2DL+1.0LL + 0.3EQy + EQ_V+0.2S
  (9b) ------ 1.2DL+1.0LL + 0.3EQy - EQ_V+0.2S
  (9c) ------ 1.2DL+1.0LL – 0.3EQy + EQ_V+0.2S
  (9d) ------ 1.2DL+1.0LL – 0.3EQy - EQ_V+0.2S

(10) ------ 0.9DL ± EQx ± 0.3EQv+1.6H

(10a) ------ 0.9DL + EQx + 0.3EQv+1.6H

(10b) ------ 0.9DL + EQx - 0.3EQv+1.6H

(10c) ------ 0.9DL - EQx + 0.3EQv+1.6H

(10d) ------ 0.9DL - EQx - 0.3EQv+1.6H

(11) ------ 0.9DL ± EQy ± 0.3EQv+1.6H

(11a) ------ 0.9DL + EQy + 0.3EQv+1.6H

(11b) ------ 0.9DL + EQy - 0.3EQv+1.6H

(11c) ------ 0.9DL - EQy + 0.3EQv+1.6H

(11d) ------ 0.9DL - EQy - 0.3EQv+1.6H

(12) ------ 0.9DL ± 0.3EQx ± EQv+1.6H

(12a) ------ 0.9DL + 0.3EQx + EQv+1.6H

(12b) ------ 0.9DL + 0.3EQx - EQv+1.6H

(12c) ------ 0.9DL – 0.3EQx + EQv+1.6H

(12d) ------ 0.9DL – 0.3EQx - EQv+1.6H

(13) ------ 0.9DL ± 0.3EQy ± EQv+1.6H

(13a) ------ 0.9DL + 0.3EQy + EQv+1.6H

(13b) ------ 0.9DL + 0.3EQy - EQv+1.6H

(13c) ------ 0.9DL – 0.3EQy + EQv+1.6H

(13d) ------ 0.9DL – 0.3EQy - EQv+1.6H

(14) ------ 1.2DL+1.0LL+0.5(Lr 或 S 或 R) ± 1.6Wx

(14a) ------ 1.2DL+1.0LL+0.5(Lr 或 S 或 R) + 1.6Wx

(14b) ------ 1.2DL+1.0LL+0.5(Lr 或 S 或 R) - 1.6Wx

(15) ------ 1.2DL+1.0LL+0.5(Lr 或 S 或 R) ± 1.6Wy

(15a) ------ 1.2DL+1.0LL+0.5(Lr 或 S 或 R) + 1.6Wy

(15b) ------ 1.2DL+1.0LL+0.5(Lr 或 S 或 R) - 1.6Wy

(16) ------ 0.9DL ± 1.6Wx+1.6H

(16a) ------ 0.9DL + 1.6Wx+1.6H

(16b) ------ 0.9DL - 1.6Wx+1.6H

(17) ------ 0.9DL ± 1.6Wy+1.6H

(17a) ------ 0.9DL + 1.6Wy+1.6H

(17b) ------ 0.9DL - 1.6Wy+1.6H

其中 DL = 靜載重 (DL+SDL)
LL = 活載重
F = 流體力
T = 溫度效應
H = 土壤力
S = 雪載重
R = 雨水載重
Lr =屋頂活載重
EQx = X 方向水平地震力
EQy = Y 方向水平地震力
EQ_V = 垂直地震力
Wx= X 方向風力
Wy= Y 方向風力

依據「建築物基礎構造設計規範」2.11 節，基礎版承載力之分析應以容許應力法進行設計，採用下列載重組合進行檢核：

(1)長期載重
(1a) DL+LL

(2)短期載重
(2a) DL+LL±EQx±0.3EQz
(2b) DL+LL±EQy±0.3EQz
(2c) DL+LL±0.3EQx±EQz
(2d) DL+LL±0.3EQy±EQz
(2e) DL+LL±Wx
(2f) DL+LL±Wy

(3)極限限界狀態
(3a) DL+LL±2.0EQx±0.6EQz
(3b) DL+LL±2.0EQy±0.6EQz
(3c) DL+LL±0.6EQx±2.0EQz
(3d) DL+LL±0.6EQy±2.0EQz

五、 設計載重

三號低貯庫結構設計載重類型，可大致分為垂直力、側向力，各載重類型包含項目及載重示意圖如下所示。

表 3 設計載重項目

載重類型	包含項目
垂直力	靜載重、活載重、上浮力
側向力	風力、地震力

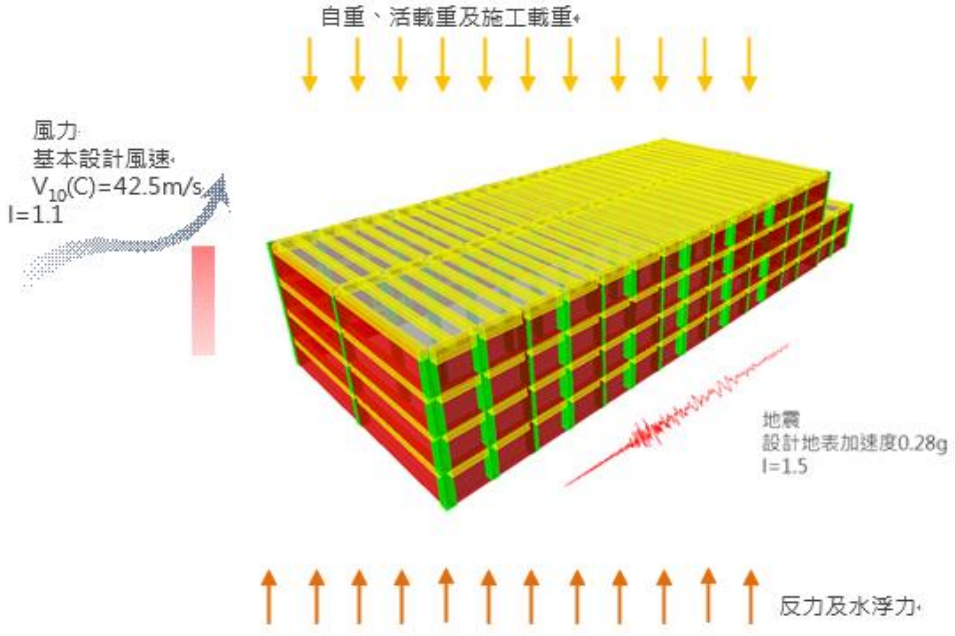


圖 4 設計載重示意圖

1. 靜載重

包含建築物本身各部份構件之重量，如牆壁、隔牆、樑柱、樓版、屋頂等，可移動隔牆不作為靜載重；固定於建築物構造物之設施重量，配合牆面收縮縫及屋頂...設置，如管線、建築裝修、防水、隔熱材及太陽能板等。

本計畫結構工程使用材料為鋼筋混凝土單位重 2,400 kg/m^3，無筋混凝土單位重 2,300 kg/m^3，樓板靜載重考量如下所示。

表 4 樓板靜載重考量表

項目	單位面積重(kgf/m^2)
屋頂防水、隔熱材	200
天花板、管線及其他	50
太陽能板含支撐	150
隔間牆	100
粉刷	50

表 5 容器儲存區之各層靜載重

樓層：	1F				
靜載重(DL)		**厚度(cm)**	**單位重(kgf/m^3)**	**單位面積重(kgf/m^2)**	**備註**
RC樓板		190	2400	4560.00	
附加靜載重(SDL)				**單位面積重(kgf/m^2)**	
粉刷層				50	
Total SDL =	50	kgf/m^2	DL+SDL =	4610.00	kgf/m^2
樓層：	RF				
靜載重(DL)		**厚度(cm)**	**單位重(kgf/m^3)**	**單位面積重(kgf/m^2)**	**備註**
RC樓板		35	2400	840.00	
附加靜載重(SDL)				**單位面積重(kgf/m^2)**	
防水及隔熱層				200	
屋面板, 管線及其他				50	
太陽能板				150	
Total SDL =	400	kgf/m^2	DL+SDL =	1240.00	kgf/m^2

表 6 輔助區之各層靜載重

樓層：	1F				
靜載重(DL)		**厚度(cm)**	**單位重(kgf/m³)**	**單位面積重(kgf/m²)**	**備註**
RC樓板		190	2400	4560.00	
附加靜載重(SDL)				**單位面積重(kgf/m²)**	
粉刷層				50	
隔間牆				100	
Total SDL =	150	kgf/m²	DL+SDL =	4710.00	kgf/m²

樓層：	2F				
靜載重(DL)		**厚度(cm)**	**單位重(kgf/m³)**	**單位面積重(kgf/m²)**	**備註**
RC樓板		20	2400	480.00	
附加靜載重(SDL)				**單位面積重(kgf/m²)**	
粉刷層				50	
天花板及管線				50	
隔間牆				100	
Total SDL =	200	kgf/m²	DL+SDL =	680.00	kgf/m²

樓層：	3F				
靜載重(DL)		**厚度(cm)**	**單位重(kgf/m³)**	**單位面積重(kgf/m²)**	**備註**
RC樓板		20	2400	480.00	
附加靜載重(SDL)				**單位面積重(kgf/m²)**	
防水及隔熱層				200	
屋面板, 管線及其他				50	
Total SDL =	250	kgf/m²	DL+SDL =	730.00	kgf/m²

樓層：	R1F（屋突）				
靜載重(DL)		**厚度(cm)**	**單位重(kgf/m³)**	**單位面積重(kgf/m²)**	**備註**
RC樓板		20	2400	480.00	
附加靜載重(SDL)				**單位面積重(kgf/m²)**	
防水及隔熱層				200	
屋面板, 管線及其他				50	
Total SDL =	250	kgf/m²	DL+SDL =	730.00	kgf/m²

2. 活載重

垂直載重中不屬於靜載重者，均為活載重，包含建築物室內人員、傢俱、設備、貯存物品及活動隔間等。

(1) 由於三號低貯庫可貯存 T-Box 數量已由招標規範第 2 條之附件要求之 1,000 個增加為 1,830 個，貯存總重量預估為 73,683 tf，大於 45,000 tf。經重新評估，貯存區樓地板於容器堆疊區之單位面積載重為 54,411 kgf/m^2 (以 T2 容器堆疊五層/面積保守估計：40264 kg*5 / 1.85 m / 2 m=54,411 kgf/m^2)。

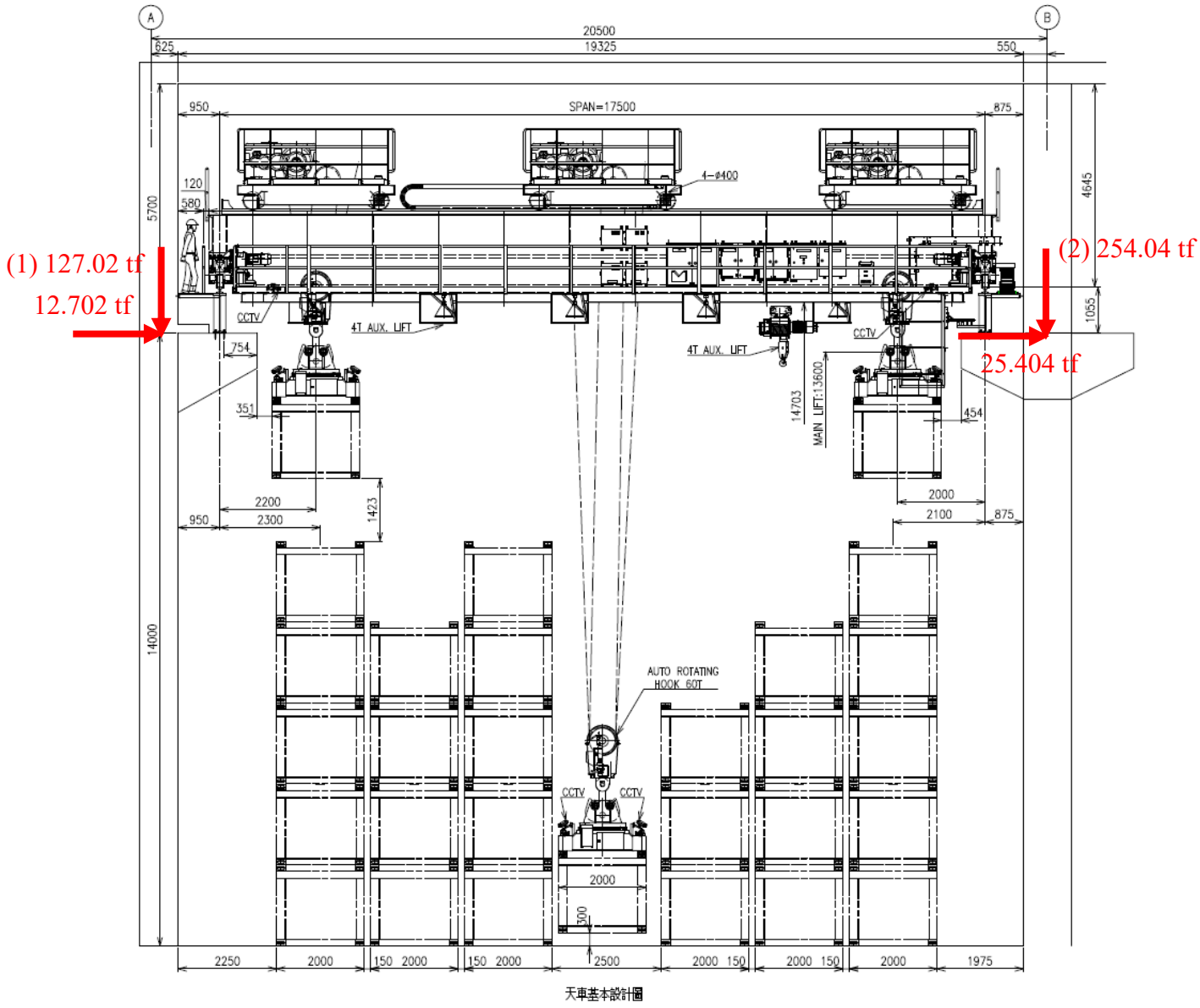
(2) 依據招標規範第 2 條之附件要求，入出庫及裝卸區可通行 150 tf 全拖車或 9.375 tf/m^2 (300 tf / (4 m × 8 m))。

(3) 依建築技術規則建築構造編第 17 條規定，屋頂平台之活載重為 250 kgf/m^2，機電、貯存及辦公空間之活載重為 1000 kgf/m^2。

(4) 屋頂平台之活載重 250 kgf/m^2，已含火山灰堆積(11.4cm)之影響。(參考它案「核能電廠鄰近地區之陸域火山與海域火山島調查暨評估工作」之成果)

(5) 考量 66 tf 吊重及 70.62tf 吊車系統自重。吊車系統自重包含：軌道樑重 1.7 tf，桁樑及軌道重 10.185 tf，台車重 20 tf，副結構重 8 tf，其他附加機具重 4.115 tf，吊機重 25 tf，吊鈎組重 1.62 tf。天車相關參數詳天車桁樑計算書。

依建築技術規則建築構造編第 23、24、30 條規定，設計分析保守考慮兩種情形，①考慮一台吊車恰位於柱線 A 或柱線 C，②考慮兩台吊車同時恰位於柱線 B。①設計考慮吊車活載 (1.7 + (10.185+20+8+4.115)/2 側 + 25 + 1.62 + 66) * 1.1 = 127.02 tf (含 10%的衝擊作用)，吊車橫力 127.02 tf * 10% = 12.702 tf。②考慮吊車活載為 127.02 * 2 = 254.04 tf，吊車橫力為 12.702 * 2 = 25.404 tf。天車設計圖及垂直、水平加載如下圖所示：



(單位：mm)

圖 5 天車設計圖

容器儲存區之各層活載重整理如下 ：

表 7 容器儲存區各層活載重

樓層	單位面積活載重(kgf/m2)
1F	54,411(貯存區) / 9375(卸載區)
RF	250

輔助區之各層活載重整理如下 ：

表 8 輔助區各層活載重

樓層	單位面積活載重(kgf/m2)
1F	1,000
2F	1,000
3F、R1F	250

3. 上浮力

保守考量計畫場址地下水面位於地表面 EL 21.90 處，故結構基礎底板承受之上浮力及結構抗浮力計算如下。

地下水面	EL	21.90				
		高程	上浮力 (tf/m^2)	面積 (m^2)	上浮力 (tf)	
基礎	EL	19.90	2.00	3798.94	7598	
車道基礎	EL	17.85	4.05	414.81	1680	
			TOTAL	4213.75	9278	
			總重 (tf)			
		結構總重	46580			
結構抗浮力 (tf) =		46580	>	總上浮力 (tf) =	9278	OK!

經計算檢核結構抗浮力 > 上浮力，故本案之結構物無上浮之問題。

4. 溫度變化

由於核一廠位於北海岸地區，夏季溫度和冬季溫度差較大，設計時考慮溫度變化為±20 °C。

5. 地震力

(1)水平地震力

依據「建築物耐震設計規範及解說」規定，取下列三式之最大者為靜力分析之法規設計地震力：

最小設計水平地震力 V：

$$V = \frac{I}{1.4\alpha_y}\left[\frac{S_{aD}}{F_u}\right]_m W$$

中小度地震力 V*：

一般工址與近斷層區域：$V^* = \frac{IF_u}{4.2\alpha_y}\left[\frac{S_{aD}}{F_u}\right]_m W$

台北盆地：$V^* = \frac{IF_u}{3.5\alpha_y}\left[\frac{S_{aD}}{F_u}\right]_m W$

最大考量地震力 V_M：

$$V_M = \frac{I}{1.4\alpha_y}\left[\frac{S_{aM}}{F_{uM}}\right]_m W$$

S_{aD}　工址設計水平加速度反應譜係數。

S_{aM}　工址最大水平加速度反應譜係數。

W　建築物全部靜載重。活動隔間應計入 75kg/m^2 之重量；一般倉庫、書庫應計入至少四分之一活載重；水箱、水池等容器，應計入全部內容物之重量。

I　用途係數。

α_y　起始降伏地震力放大倍數，鋼結構與鋼筋混凝土結構取 1.0。

Fu　結構系統地震力折減係數。

F_{uM}　以韌性容量計算所得之結構系統地震力折減係數。

(2) 垂直地震力

為提升建築物抵抗垂直向地震之能力，垂直地震力應做適當之考量。

垂直向之設計譜加速度係數 $S_{aD,V}$ 及 $S_{aM,V}$ 定義如下：

一般區域與台北盆地：$S_{aD,V} = 1/2*S_{aD}$，$S_{aM,V} = 1/2*S_{aM}$

近斷層區域：$S_{aD,V} = 2/3*S_{aD}$，$S_{aM,V} = 2/3*S_{aM}$

取下列三式之最大者為靜力分析之樓版系統引致之法規設計垂直地震力：

最小設計垂直地震力 V：

$$V = \frac{I}{1.4\alpha_y}\left[\frac{S_{aD,V}}{F_{u,v}}\right]_m W$$

中小度地震力 V*：

一般工址與近斷層區域：$V^* = \frac{IF_{u,v}}{4.2\alpha_y}\left[\frac{S_{aD,V}}{F_{u,v}}\right]_m W$

台北盆地：$V^* = \frac{IF_{u,v}}{3.5\alpha_y}\left[\frac{S_{aD,V}}{F_{u,v}}\right]_m W$

最大考量地震力 V_M：

$$V_M = \frac{I}{1.4\alpha_y}\left[\frac{S_{aM,V}}{F_{uM,v}}\right]_m W$$

$S_{aD,V}$ 工址設計垂直譜加速度係數。

$S_{aM,V}$ 工址最大垂直譜加速度係數。

W 建築物全部靜載重。活動隔間應計入 75kg/m^2 之重量；一般倉庫、書庫應計入至少四分之一活載重；水箱、水池等容器，應計入全部內容物之重量。

I 用途係數。

α_y 起始降伏地震力放大倍數，鋼結構與鋼筋混凝土結構取 1.0。

Fu,v 結構系統地震力折減係數。

$F_{uM,v}$ 以韌性容量計算所得之結構系統地震力折減係數。

(3) 靜力分析地震力

本工程用途係數依據招標規範要求，用途係數取第二類建築 I=1.5。三號低貯庫規劃為鋼筋混凝土構造，結構系統為剪力牆構架系統，根據「建築物耐震設計規範及解說」規定，結構韌性容量 R 取 3.6，設計採用極限強度設計法，故起始降伏地震力放大倍數 α_y 為 1.0。工址位於新北市石門區，其餘相關設計參數及計算得之總水平設計地震力與總垂直地震力如下所示。

工址短週期設計水平譜加速度係數 S_{DS} =	0.50	
1 秒週期設計水平譜加速度係數 S_{D1} =	0.30	
短週期與中長週期分界 $T_0^D=S_{D1}/S_{DS}$ =	0.60	sec
工址短週期最大考量水平譜加速度係數 S_{MS} =	0.70	
1 秒週期最大考量水平譜加速度係數 S_{M1} =	0.45	
短週期與中長週期分界 $T_0^M=S_{M1}/S_{MS}$ =	0.64	sec

計算基本振動周期 T

由規範經驗公式：

T_0 = 0.050hn^3/4 = 0.05 * 20.70 $^{3/4}$= 0.4852 sec

依規範之規定：

基本振動周期得用其他結構力學方法計算,
但所用之值不得大於上式計算所得值之 **1.4** 倍

T_{xx} = 1.4 * 0.4852 = 0.6793 sec

T_{yy} = 1.4 * 0.4852 = 0.6793 sec

由動力分析周期：

$T_{x,dyn}$ = 0.090 sec

$T_{y,dyn}$ = 0.197 sec

採用周期：

T_x = min(T_{xx},$T_{x,dyn}$) = 0.090 sec

T_y = min(T_{yy},$T_{y,dyn}$) = 0.197 sec

T_z = 0.2*max(T_x,T_y), = 0.039 sec

計算工址設計水平加速度反應譜係數 S_{aD}

$S_{aD,x}$ = 0.425

$S_{aD,y}$ = 0.500

S_{aDV} = 0.250

計算工址最大考量水平加速度反應譜係數 S_{aM}

$S_{aM,x}$ = 0.574

$S_{aM,y}$ = 0.700

S_{aMV} = 0.350

計算結構系統地震力折減係數 F_u

F_{ux} = 1.835

F_{uy} = 2.113

F_{uV} = 1.300

計算結構系統地震力折減係數 F_{uM}

$F_{uM,x}$ = 2.043

$F_{uM,y}$ = 2.490

F_{uMV} = 1.379

最小設計地震力:

$V_x = (I / 1.4\alpha_y)(S_{aD}/F_u)_m W = 0.2481\ W$

$= (I F_u / 4.2\alpha_y)(S_{aD}/F_u)_m W = 0.1518\ W$

$= (I / 1.4\alpha_y)(S_{aM}/F_{uM})_m W = 0.3010\ W$ (控制)

$V_y = (I / 1.4\alpha_y)(S_{aD}/F_u)_m W = 0.2535\ W$

$= (I F_u / 4.2\alpha_y)(S_{aD}/F_u)_m W = 0.1786\ W$

$= (I / 1.4\alpha_y)(S_{aM}/F_{uM})_m W = 0.3012\ W$ (控制)

$V_z = (I / 1.4\alpha_y)(S_{aDV}/F_{uV})_m W = 0.1843\ W$

$= (I F_{uV} / 4.2\alpha_y)(S_{aDV}/F_{uV})_m W = 0.0799\ W$

$= (I / 1.4\alpha_y)(S_{aMV}/F_{uMV})_m W = 0.2186\ W$ (控制)

表 9 X 向地震力樓層分配表

樓層	樓高(m)	高度 h_x(m)	W_x(t)	W_xh_x(t-m)	F_x(t)	V_x(t)
屋頂	0.0	20.7	10490.20	217147.14	5003.08	5003.08
4 樓	5.7	15.0	4480.50	67207.50	1548.46	6551.55
3 樓	5.0	10.0	5607.80	56078.00	1292.04	7843.59
2 樓	5.0	5.0	4938.80	24694.00	568.95	8412.54
1 樓	5.0	0.0	2430.70	0.00	0.00	基面處
		Σ=	27948.00	365126.64		

表 10 Y 向地震力樓層分配表

樓層	樓高(m)	高度 h_x(m)	W_x(t)	W_xh_x(t-m)	F_x(t)	V_x(t)
屋頂	0.0	20.7	10490.20	217147.14	5006.41	5006.41
4 樓	5.7	15.0	4480.50	67207.50	1549.50	6555.91
3 樓	5.0	10.0	5607.80	56078.00	1292.90	7848.81
2 樓	5.0	5.0	4938.80	24694.00	569.33	8418.14
1 樓	5.0	0.0	2430.70	0.00	0.00	基面處
		Σ=	27948.00	365126.64		

(2) 動力分析水平加速度反應譜

依據「建築物耐震設計規範及解說」3.1 節、1.6 節、表 1-1 及圖 C1-1 規定，本案之樓高為 20.7m，分成容器儲存區及輔助區兩區域，重量配置不對等，且容器儲存區之重量集中於屋頂層，具質量不規則性。如下表所示，屋頂層之重量大於下一樓層重量之 150%，表中各樓層重量詳細計算參照本計算書第十章之內容。綜上所述，故本案以動力分析設計之。

表 11 樓層總重及質量不規則性檢核表

樓層	樓層總重量 tf	樓層總重*150% tf	該層重量是否超過相鄰層的的150%
RF	10490.2	15735.3	Yes
4F	4480.5	6720.7	No
3F	5607.8	8411.6	No
2F	4938.8	7408.2	No
1F	21062.3	31593.4	-

動力分析採用多振態反應譜疊加法，水平加速度反應譜如下：

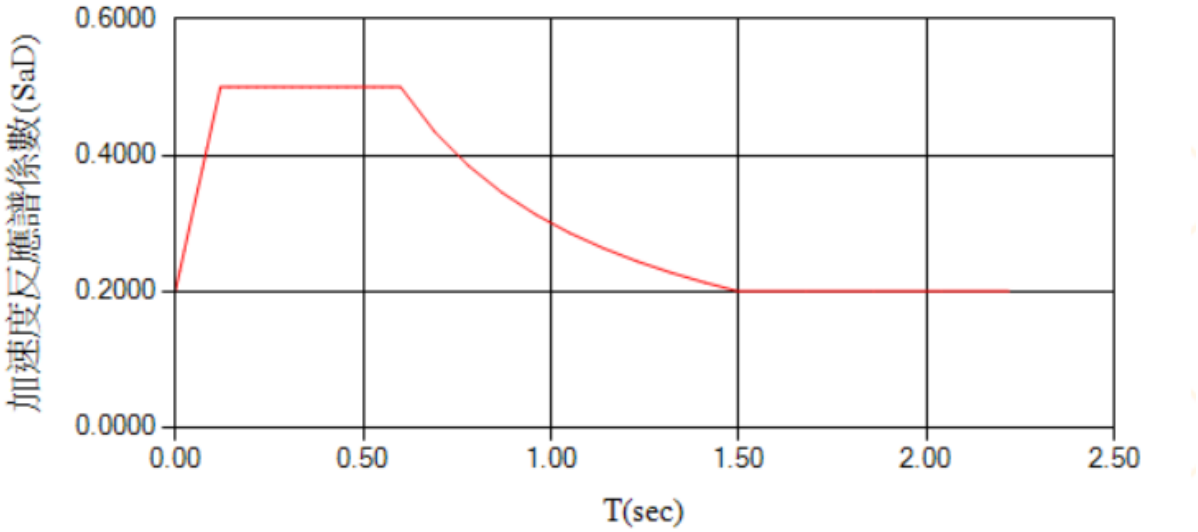


圖 6 最小設計地震水平加速度反應譜

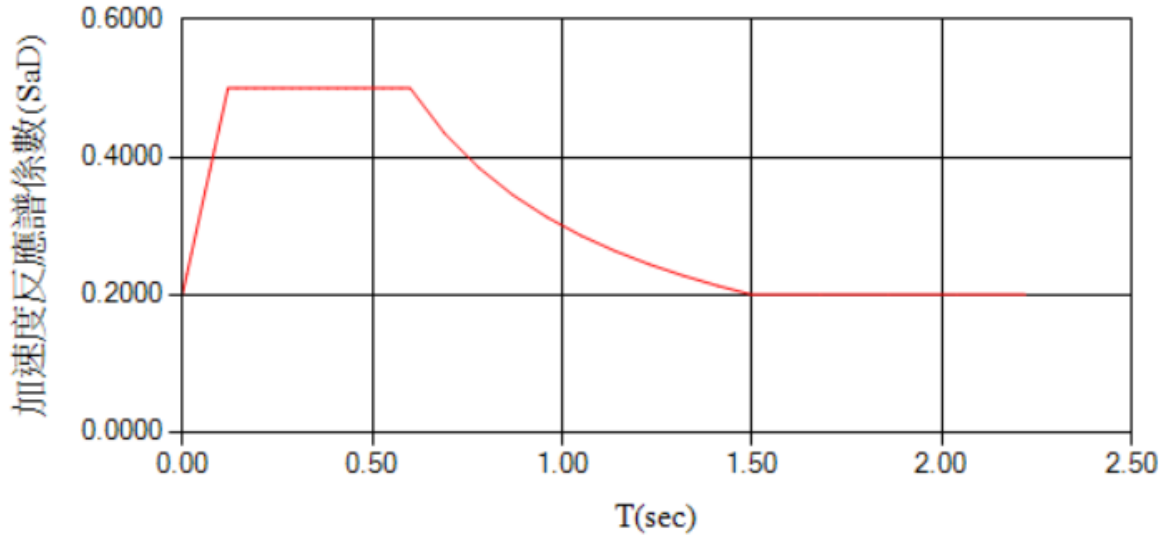


圖 7 中小度設計地震水平加速度反應譜

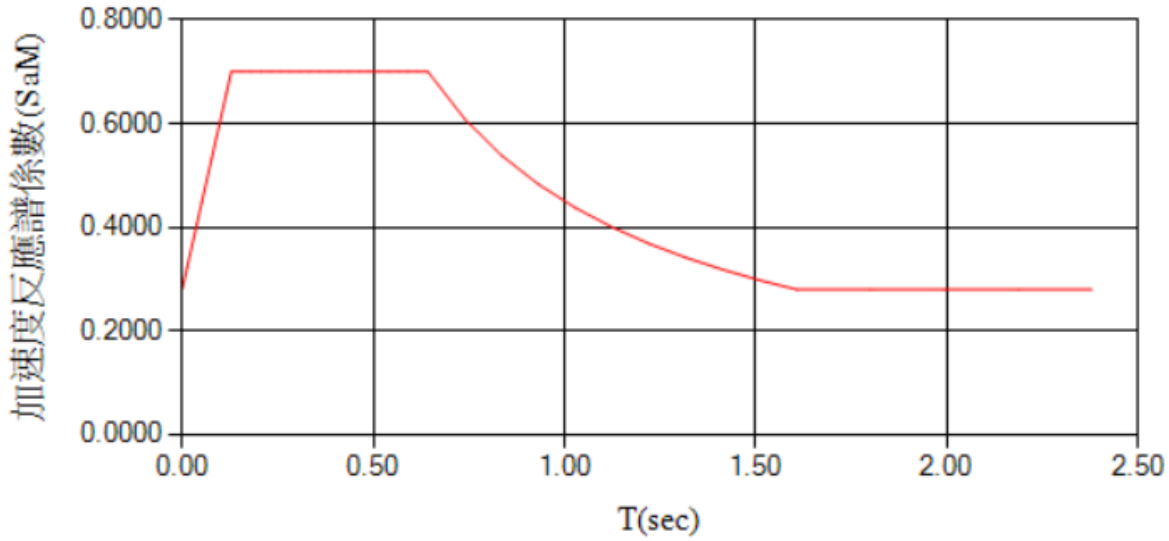


圖 8 最大考量地震水平加速度反應譜

(3) 動力分析基底剪力

依據「建築物耐震設計規範及解說」3.5 節，動力分析之振態疊加採用 CQC 法則。依據「建築物耐震設計規範及解說」3.3 節，本案為不規則性建築物，動力分析所得之總橫力若小於靜力分析所得之最小設計水平總橫力，應將動力分析之結果放大調整至靜力分析之總橫力；動力分析所得之總橫力若大於靜力分析所得之最小設計水平總橫力，則採用動力分析值。

表 12 地震力基底總橫力

X 向	設計地震	中小度地震	最大考量地震
靜力分析 基底總橫力 (tf)	6911.61	4142.29	8412.54
動力分析 基底總橫力 (tf) (調整前)	5087.65	4131.14	6114.66
動力分析放大係數	1.36	1.00	1.38

Y 向	設計地震	中小度地震	最大考量地震
靜力分析 基底總橫力 (tf)	7084.22	4990.71	8418.14
動力分析 基底總橫力 (tf) (調整前)	4910.32	3987.14	6006.46
動力分析放大係數	1.44	1.25	1.40

6. 風力

設計風力依據「建築物耐風設計規範及解說」規定計算，本案建築物屬普通建築物，風壓力計算應依下表規定。

表 13 普通建築物風壓力

	普通建築物($fn \geqq 1$ Hz)	
	封閉式或部份封閉式建築物	開放式建築物
主要風力抵抗系統	$p = qGf\,Cp - qi(GCpi)$ q：外風速壓 qi ：內風速壓 Gf ：普通建築物之陣風反應因子 Cp ：計算封閉式或部分封閉式建築物所受風壓所用之外風壓係數 $(GCpi)$ ：計算封閉式或部分封閉式建築物所受風壓所用之內風壓係數	$F = q\,zAf\,GCf\,Af$ Cf ：計算開放式建築物所受風力所用之風力係數 Af ：投影在與風向垂直之平面上的面積 G ：陣風反應因子 zAf ：Af 之形心高度。

本工程計畫場址位於新北市石門區，依據「建築物耐風設計規範及解說」，基本設計風速 V10(C)=42.5 m/s，又場址坐落於核一廠內之既有 69 kV 開關場，地面較開闊，地況屬於地況 C 定義，建築物用途係數取 I=1.1(第二類建築物，100 年回歸期)。容器儲存區及輔助區之 X 向及 Y 向風力如下列各表格所示。

(1) X 向風力

表 14 容器儲存區 X 向風力

樓名	樓高 (m)	高度 z(m)	順風向設計風壓 (kgf/m^2)	受風面積 (m^2)	順向風力 (ton)	橫向風力 (ton)	扭矩 (ton-m)
RF	0.00	20.70	318.72	424.35	135.25	249.68	1552.65
1F	20.70	0.00	237.83	424.35	100.92	186.32	1158.61

表 15 輔助區 X 向風力

樓名	樓高 (m)	高度 z(m)	順風向設計風壓 (kgf/m^2)	受風面積 (m^2)	順向風力 (ton)	橫向風力 (ton)	扭矩 (ton-m)
R1F	0.00	13.00	303.20	7.70	2.33	3.48	3.35
3F	3.00	10.00	303.70	102.50	31.13	9.91	357.36
2F	5.00	5.00	268.61	205.00	55.07	17.53	632.15
1F	5.00	0.00	268.61	102.50	27.53	8.76	316.07

TOTAL = 352.23 tf

(2) Y 向風力

表 16 容器儲存區 Y 向風力

樓名	樓高 (m)	高度 z(m)	順風向設計風壓 (kgf/m^2)	受風面積 (m^2)	順向風力 (ton)	橫向風力 (ton)	扭矩 (ton-m)
RF	0.00	20.70	369.46	900.45	332.68	136.40	8104.12
1F	20.70	0.00	290.56	900.45	261.64	107.27	6373.48

表 17 輔助區 Y 向風力

樓名	樓高 (m)	高度 z(m)	順風向設計風壓 (kgf/m^2)	受風面積 (m^2)	順向風力 (ton)	橫向風力 (ton)	扭矩 (ton-m)
R1F	0.00	13.00	339.11	13.20	4.48	2.27	11.03
3F	3.00	10.00	254.76	37.50	9.55	22.72	40.12
2F	5.00	5.00	218.78	75.00	16.41	39.02	68.91
1F	5.00	0.00	218.78	37.50	8.20	19.51	34.46

TOTAL = 632.96 tf

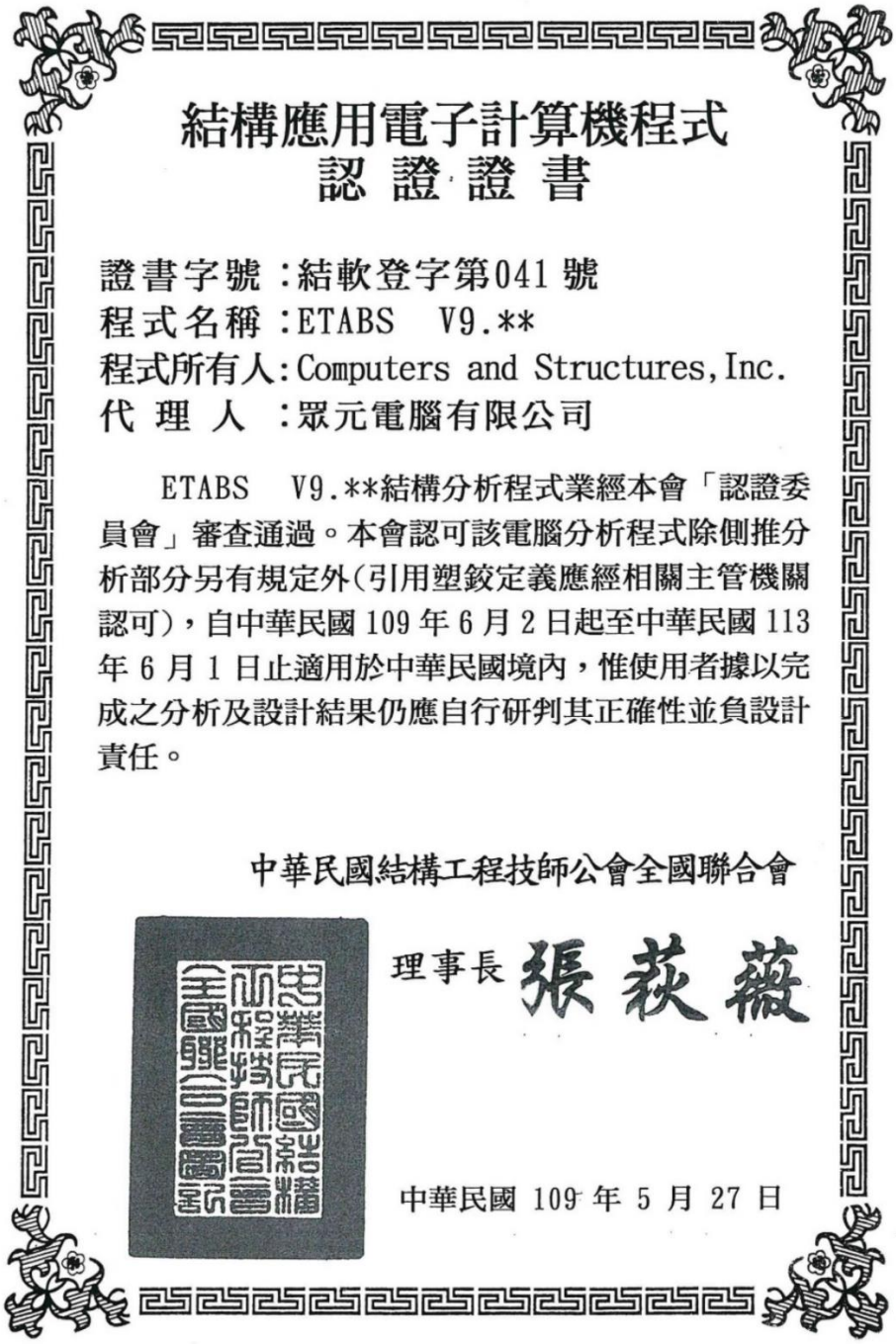
表 18 法規地震力(1.0EQ)與法規風力(1.6W)比較表

最大基底剪力	法規地震力(tf)	法規風力(tf)
X 向	8412.54	563.57 (1.6×352.23＝563.57)
Y 向	8418.14	1012.74 (1.6×632.96＝1012.74)

經計算得知，法規設計地震力大於設計風力，所以本案由法規地震力控制。

六、 分析電腦程式

主結構體採用 CSI ETABS 9.**電腦程式（程式登記證書如下），進行分析，並依照第三章所述之設計規範進行設計。



結構應用電子計算機程式
認 證 證 書

證書字號：結軟登字第041 號
程式名稱：ETABS V9.**
程式所有人：Computers and Structures, Inc.
代 理 人：眾元電腦有限公司

ETABS V9.**結構分析程式業經本會「認證委員會」審查通過。本會認可該電腦分析程式除側推分析部分另有規定外(引用塑鉸定義應經相關主管機關認可)，自中華民國 109 年 6 月 2 日起至中華民國 113 年 6 月 1 日止適用於中華民國境內，惟使用者據以完成之分析及設計結果仍應自行研判其正確性並負設計責任。

中華民國結構工程技師公會全國聯合會

理事長 張萩薇

中華民國 109 年 5 月 27 日

圖 9 程式登記證書

七、 結構設計流程

1. 建築物基本資料調查
   調查基地所在位置、工址地質條件、鄰房距離等基本資料。

↓

2. 結構規畫
   佈置結構系統，並假設柱、樑、牆等結構斷面尺寸，決定基礎形式及開挖方式，選用結構材料及規格。

↓

3. 計算基本設計資料
   計算各層面積、重心位置、動力分析資料、靜載重及活載重。

↓

4. 設計地震力與設計風力計算
   依據耐震設計規範，求得結構體設計地震力。
   依據耐風設計規範，求得結構體設計風力。
   由求得之設計風力及設計地震力，取二者之大值，進行結構分析及設計，倘若由設計風力控制，結構桿件仍應進行耐震設計。

↓

5. 結構分析
   由前述求得之靜載重、活載重、風力及地震力，進行結構靜力及動力分析計算。

↓

6. 結構側位移檢核
   依據耐震及耐風設計規範，檢核各樓層層間變位及總變位。

↓

7. 結構設計
   由 CSI ETABS v.9 電腦程式分析，依據分析結果，依照設計規範進行樑設計、柱設計與結構牆設計，並進行樓版設計與基礎設計。

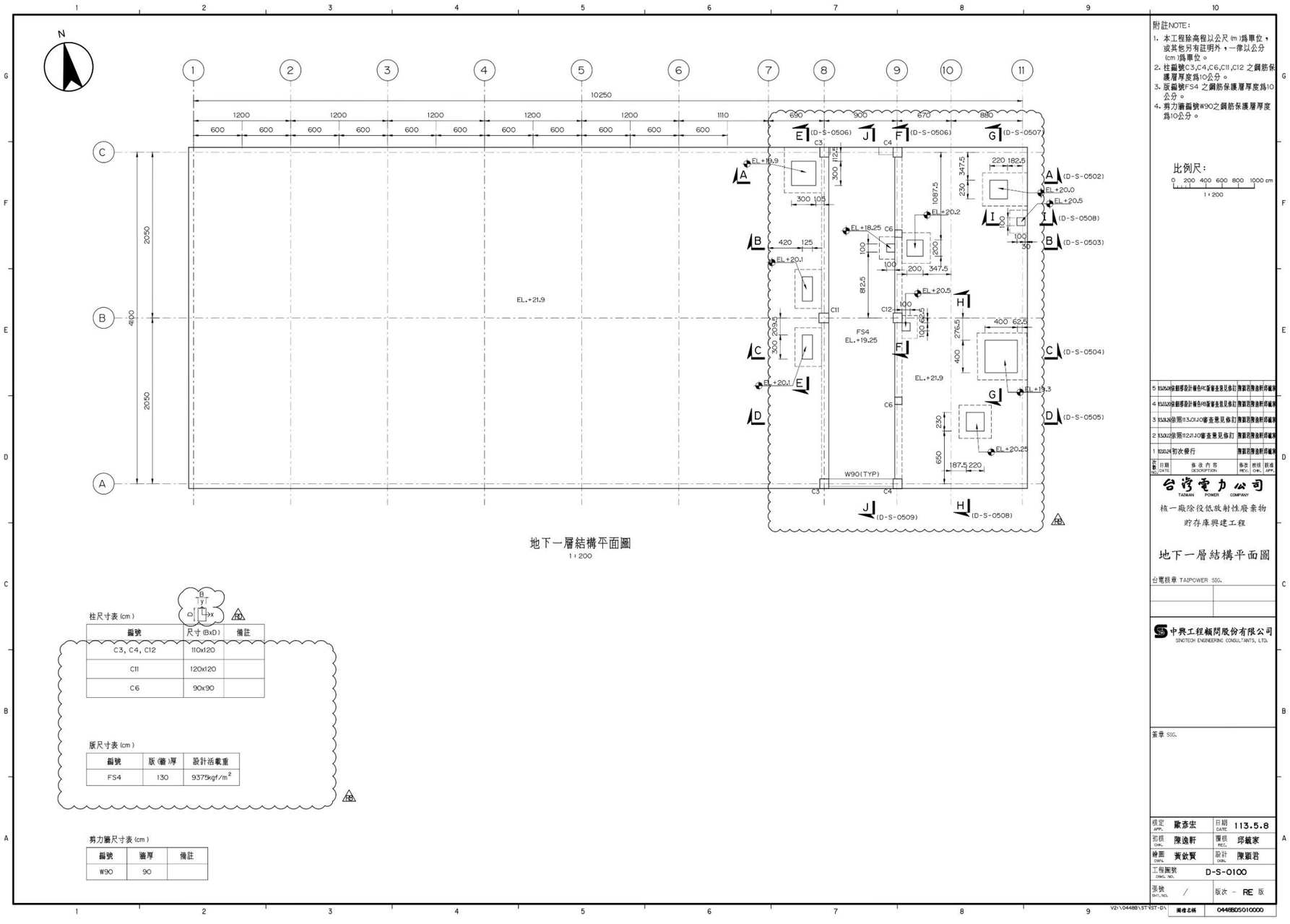
↓

8. 細部設計及繪圖
   各接頭與結構體系部設計與圖形繪製。

↓

設計完成

八、 結構平面圖



地下一層結構平面圖
1：200

柱尺寸表 (cm)

編號	尺寸 (BxD)	備註
C3, C4, C12	110x120	
C11	120x120	
C6	90x90	

版尺寸表 (cm)

編號	版(牆)厚	設計活載重
FS4	130	937.5kgf/m^2

剪力牆尺寸表 (cm)

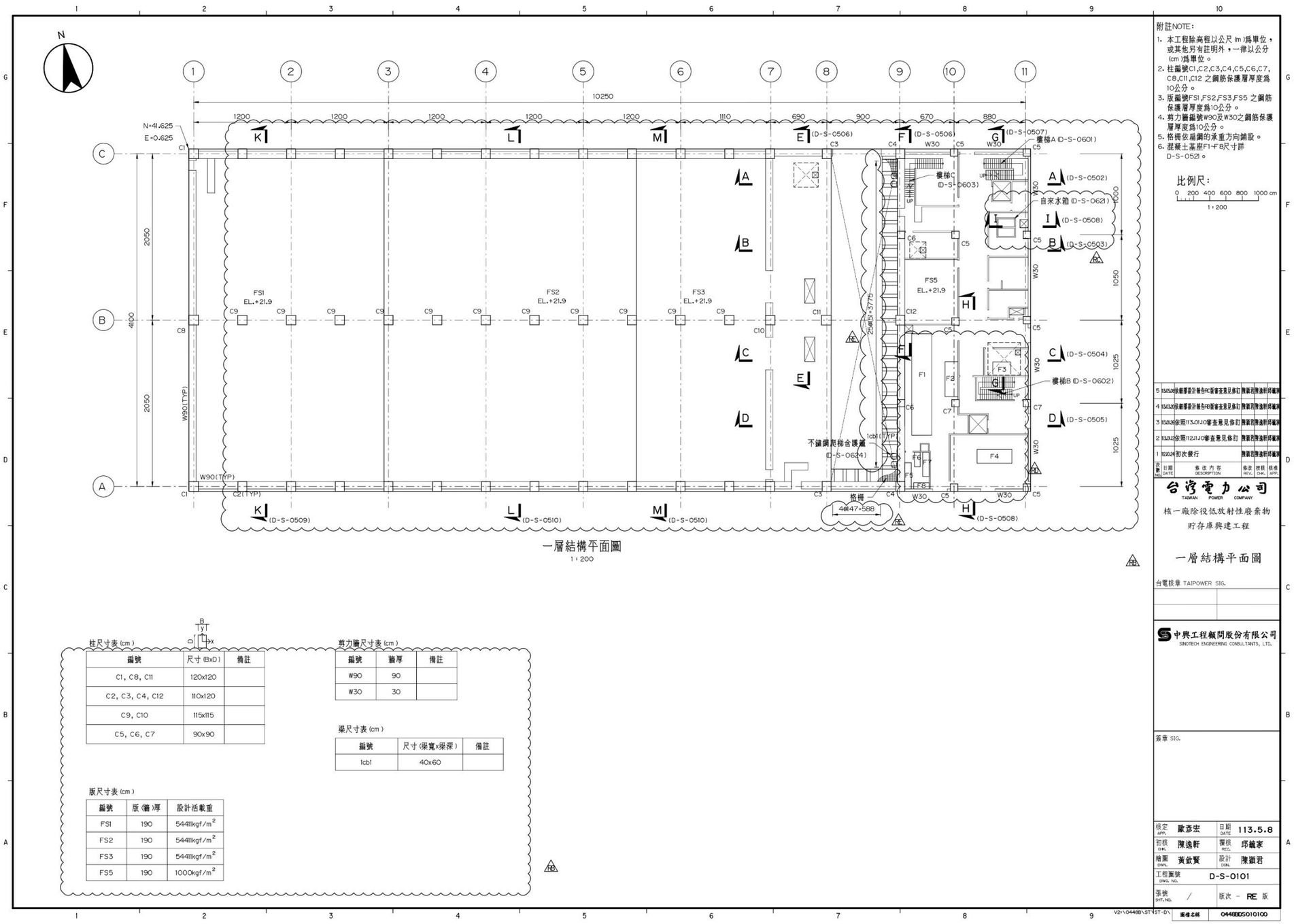
編號	牆厚	備註
W90	90	

修改 REV.	日期 DATE	修改內容 DESCRIPTION	繪圖 DWN.	檢核 CHK.	核准 APP.
6	113.05.08	依照審查意見修訂	陳穎君	陳逸軒	邱毓家
5	113.03.26	依照113.01.10審查意見修訂	陳穎君	陳逸軒	邱毓家
4	113.03.20	依照113.01.10審查意見修訂	陳穎君	陳逸軒	邱毓家
3	113.03.12	依照112.11.10審查意見修訂	陳穎君	陳逸軒	邱毓家
2	113.03.08	依照112.11.10審查意見修訂	陳穎君	陳逸軒	邱毓家
1	112.12.04	初次發行			邱毓家

台灣電力公司 TAIWAN POWER COMPANY
核一廠除役低放射性廢棄物貯存庫興建工程
地下一層結構平面圖
台電核章 TAIPOWER SIG.
中興工程顧問股份有限公司 SINOTECH ENGINEERING CONSULTANTS, LTD.
簽章 SIG.

核定 APP.	歐彥宏	日期 DATE	113.5.8
初核 CHK.	陳逸軒	覆核 REC.	邱毓家
繪圖 DWN.	黃欽賢	設計 DSN.	陳穎君
工程圖號 DWG. NO.	D-S-0100		
張號 SHT. NO.	/	版次 - RE 版	
圖檔名稱	0448BDS010000		

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一層結構平面圖
1：200

柱尺寸表 (cm)

編號	尺寸 (BxD)	備註
C1, C8, C11	120x120	
C2, C3, C4, C12	110x120	
C9, C10	115x115	
C5, C6, C7	90x90	

剪力牆尺寸表 (cm)

編號	牆厚	備註
W90	90	
W30	30	

梁尺寸表 (cm)

編號	尺寸 (梁寬x梁深)	備註
1cb1	40x60	

版尺寸表 (cm)

編號	版 (牆) 厚	設計活載重
FS1	190	5441kgf/m^2
FS2	190	5441kgf/m^2
FS3	190	5441kgf/m^2
FS5	190	1000kgf/m^2

附註NOTE：
1. 本工程除高程以公尺 (m) 爲單位，或其他另有註明外，一律以公分 (cm) 爲單位。
2. 柱編號C1,C2,C3,C4,C5,C6,C7,C8,C11,C12 之鋼筋保護層厚度爲10公分。
3. 版編號FS1,FS2,FS3,FS5 之鋼筋保護層厚度爲10公分。
4. 剪力牆編號W90及W30之鋼筋保護層厚度爲10公分。
5. 格柵依鋼的承重方向鋪設。
6. 混凝土基座F1~F8尺寸詳 D-S-0521。

比例尺：
0 200 400 600 800 1000 cm
1：200

次數 NO.	日期 DATE	修改內容 DESCRIPTION	修次 REV.	校核 CHK.	核准 APP.
5	113.05.08	依審議設計報告RC版審查意見修訂	陳穎君	陳逸軒	邱毓家
4	113.03.26	依審議設計報告RB版審查意見修訂	陳穎君	陳逸軒	邱毓家
3	113.03.26	依照113.01.20審查意見修訂	陳穎君	陳逸軒	邱毓家
2	113.03.22	依照112.11.20審查意見修訂	陳穎君	陳逸軒	邱毓家
1	112.02.24	初次發行	陳穎君	陳逸軒	邱毓家

台灣電力公司 TAIWAN POWER COMPANY

核一廠除役低放射性廢棄物貯存庫興建工程

一層結構平面圖

台電核章 TAIPOWER SIG.

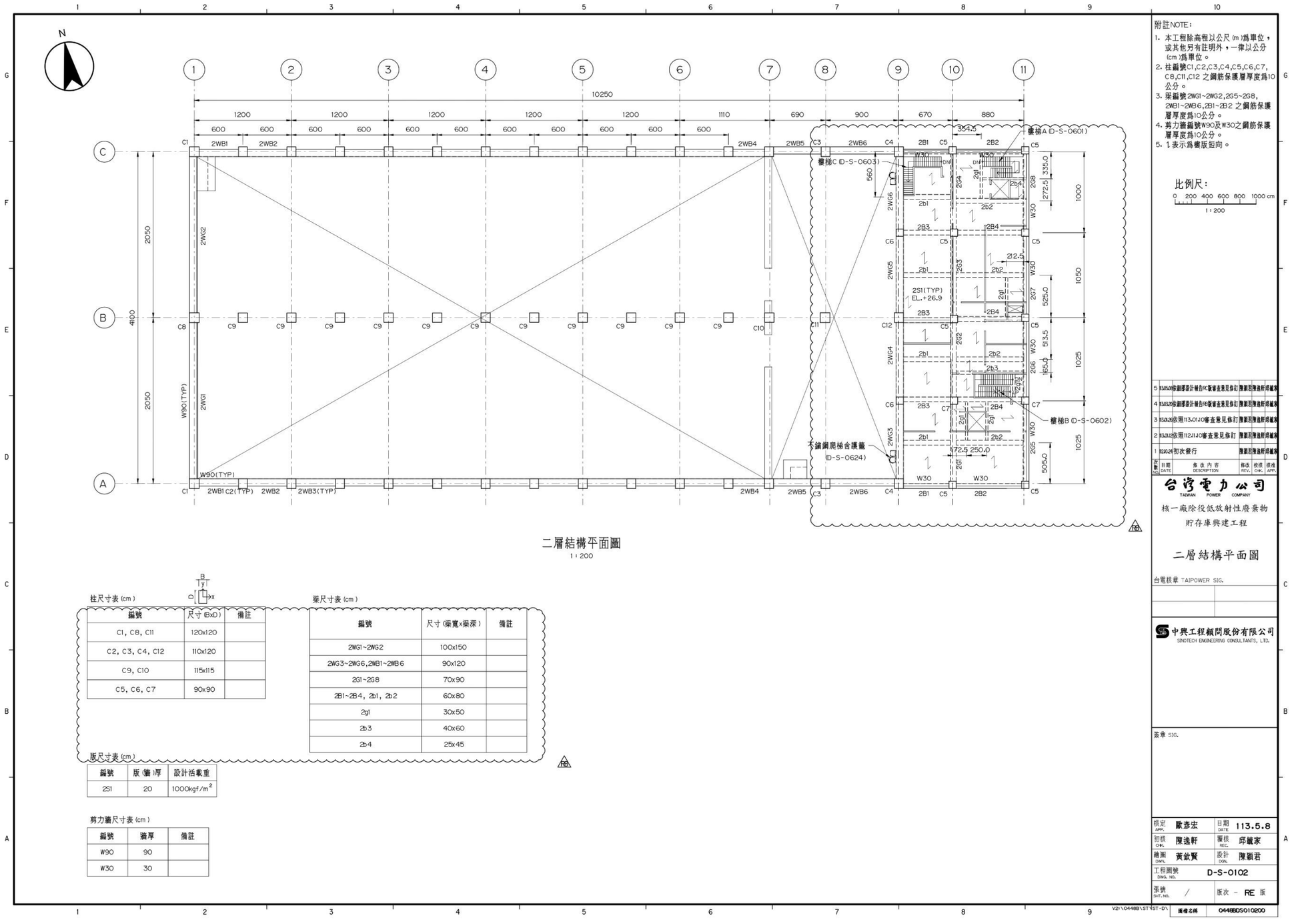
中興工程顧問股份有限公司 SINOTECH ENGINEERING CONSULTANTS, LTD.

簽章 SIG.

核定 APP.	歐彥宏	日期 DATE	113.5.8
初核 CHK.	陳逸軒	覆核 REC.	邱毓家
繪圖 DWG.	黃欽賢	設計 DSN.	陳穎君
工程圖號 DWG. NO.	D-S-0101		
張號 SHT. NO.	/	版次 - REV 版	
圖檔名稱	0448BDS010100		

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二層結構平面圖
1：200

柱尺寸表 (cm)

編號	尺寸 (BxD)	備註
C1, C8, C11	120x120	
C2, C3, C4, C12	110x120	
C9, C10	115x115	
C5, C6, C7	90x90	

梁尺寸表 (cm)

編號	尺寸 (梁寬x梁深)	備註
2WG1~2WG2	100x150	
2WG3~2WG6,2WB1~2WB6	90x120	
2G1~2G8	70x90	
2B1~2B4, 2b1, 2b2	60x80	
2g1	30x50	
2b3	40x60	
2b4	25x45	

版尺寸表 (cm)

編號	版(牆)厚	設計活載重
2S1	20	1000kgf/m^2

剪力牆尺寸表 (cm)

編號	牆厚	備註
W90	90	
W30	30	

附註NOTE：
1. 本工程除高程以公尺 (m)爲單位，或其他另有註明外，一律以公分 (cm)爲單位。
2. 柱編號C1,C2,C3,C4,C5,C6,C7, C8,C11,C12 之鋼筋保護層厚度爲10公分。
3. 梁編號2WG1~2WG2,2G5~2G8, 2WB1~2WB6,2B1~2B2 之鋼筋保護層厚度爲10公分。
4. 剪力牆編號W90及W30之鋼筋保護層厚度爲10公分。
5. 1表示爲樓版短向。

比例尺：
0 200 400 600 800 1000 cm
1：200

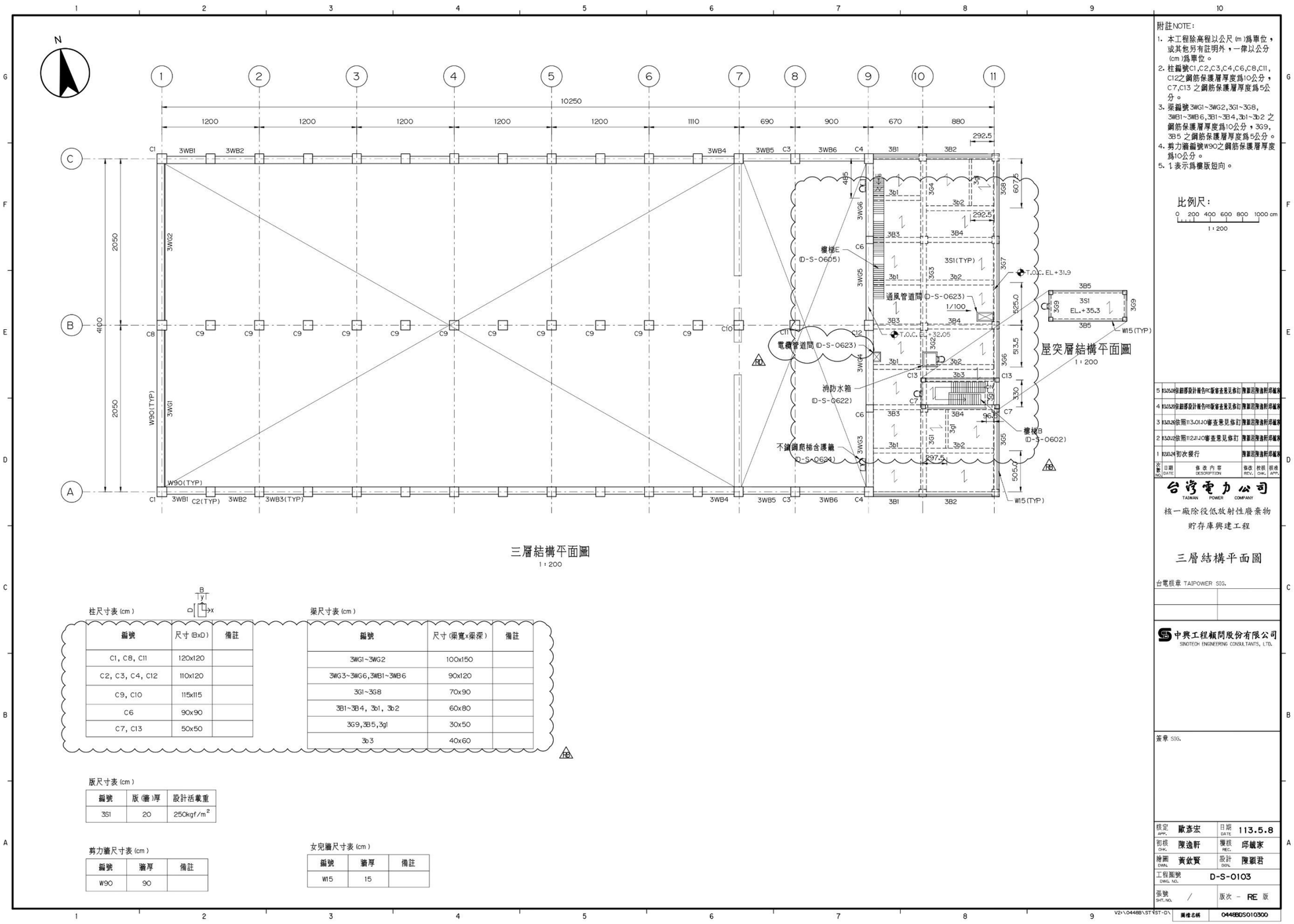
版次 REV.	日期 DATE	修改內容 DESCRIPTION	修改 REV.	校核 CHK.	核准 APP.
5	113.05.08	依結構設計報告RC版審查意見修訂	陳穎君	陳逸軒	陳嘉宏
4	113.03.29	依結構設計報告RB版審查意見修訂	陳穎君	陳逸軒	陳嘉宏
3	113.03.20	依照113.01.10審查意見修訂	陳穎君	陳逸軒	陳嘉宏
2	113.03.12	依照112.11.10審查意見修訂	陳穎君	陳逸軒	陳嘉宏
1	112.08.24	初次發行		陳穎君	陳逸軒	陳嘉宏

台灣電力公司 TAIWAN POWER COMPANY
核一廠除役低放射性廢棄物貯存庫興建工程
二層結構平面圖
台電核章 TAIPOWER SIG.
中興工程顧問股份有限公司 SINOTECH ENGINEERING CONSULTANTS, LTD.
簽章 SIG.

核定 APP.	歐彥宏	日期 DATE.	113.5.8
初核 CHK.	陳逸軒	覆核 REC.	邱毓家
繪圖 DWG.	黃欽賢	設計 DSN.	陳穎君
工程圖號 DWG. NO.	D-S-0102		
張號 SHT. NO.	/	版次	RE 版
檔名	0448BDS010200		

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三層結構平面圖
1：200

柱尺寸表 (cm)

編號	尺寸 (BxD)	備註
C1, C8, C11	120x120	
C2, C3, C4, C12	110x120	
C9, C10	115x115	
C6	90x90	
C7, C13	50x50	

梁尺寸表 (cm)

編號	尺寸 (梁寬x梁深)	備註
3WG1~3WG2	100x150	
3WG3~3WG6, 3WB1~3WB6	90x120	
3G1~3G8	70x90	
3B1~3B4, 3b1, 3b2	60x80	
3G9, 3B5, 3g1	30x50	
3b3	40x60	

版尺寸表 (cm)

編號	版 (牆) 厚	設計活載重
3S1	20	250kgf/m^2

剪力牆尺寸表 (cm)

編號	牆厚	備註
W90	90	

女兒牆尺寸表 (cm)

編號	牆厚	備註
W15	15	

附註NOTE：
1. 本工程除高程以公尺 (m) 爲單位，或其他另有註明外，一律以公分 (cm) 爲單位。
2. 柱編號C1,C2,C3,C4,C6,C8,C11, C12之鋼筋保護層厚度爲10公分，C7,C13 之鋼筋保護層厚度爲5公分。
3. 梁編號3WG1~3WG2,3G1~3G8, 3WB1~3WB6,3B1~3B4,3b1~3b2 之鋼筋保護層厚度爲10公分，3G9, 3B5 之鋼筋保護層厚度爲5公分。
4. 剪力牆編號W90之鋼筋保護層厚度爲10公分。
5. 1表示爲樓版短向。

比例尺：
0 200 400 600 800 1000 cm
1：200

版次 REV.	日期 DATE	修改內容 DESCRIPTION	修改 REV.	校核 CHK.	核准 APP.
5	113.05.20	依新增設計報告PC審查意見修訂	陳穎君	陳逸軒	邱繼家
4	113.05.20	依新增設計報告PB審查意見修訂	陳穎君	陳逸軒	邱繼家
3	113.03.26	依照113.01.10審查意見修訂	陳穎君	陳逸軒	邱繼家
2	113.03.12	依照112.11.20審查意見修訂	陳穎君	陳逸軒	邱繼家
1	112.12.24	初次發行	陳穎君	陳逸軒	邱繼家

台灣電力公司 TAIWAN POWER COMPANY
核一廠除役低放射性廢棄物貯存庫興建工程

三層結構平面圖

台電核章 TAIPOWER SIG.

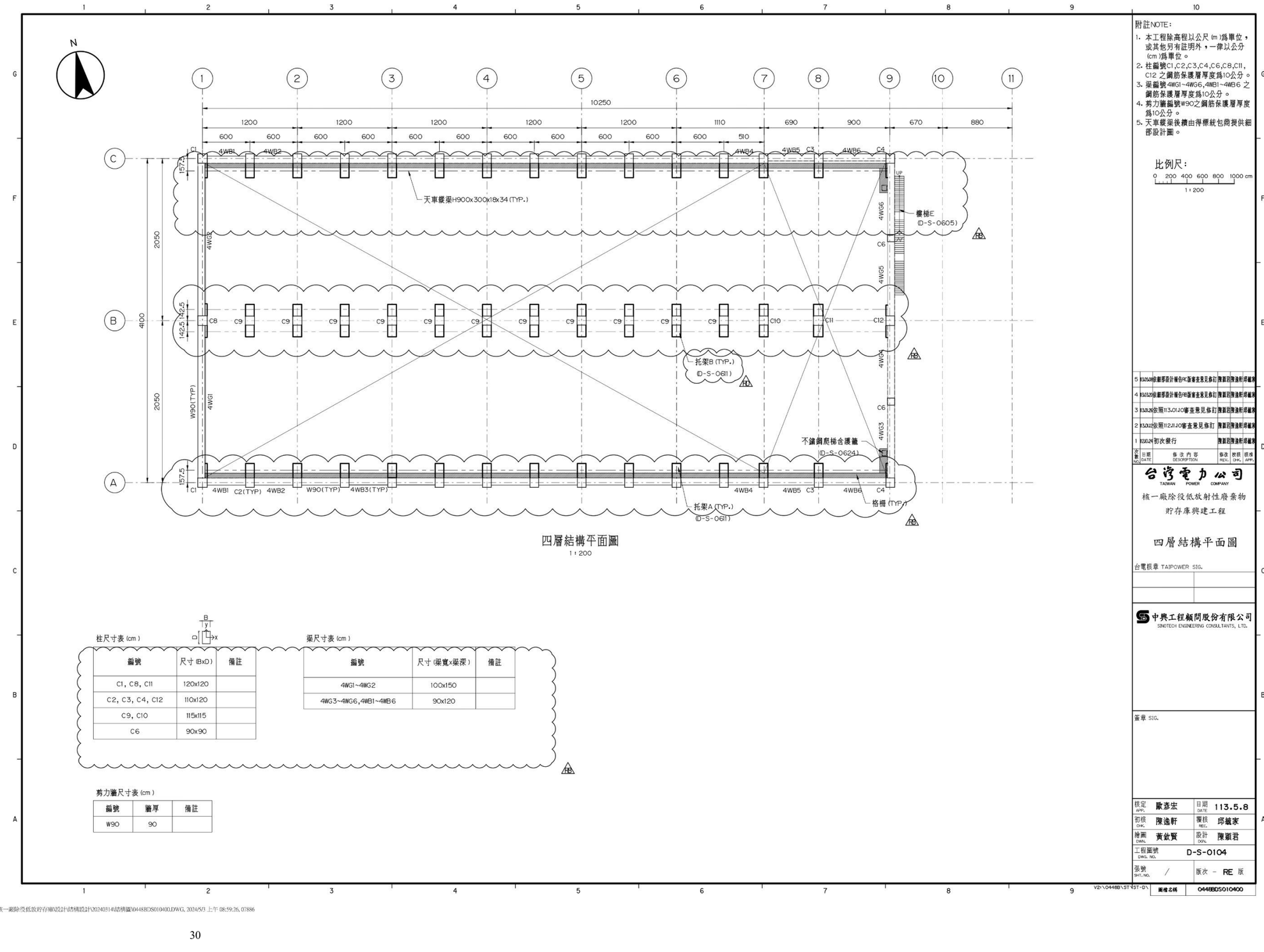
中興工程顧問股份有限公司 SINOTECH ENGINEERING CONSULTANTS, LTD.

簽章 SIG.

核定 APP.	歐彥宏	日期 DATE	113.5.8
初核 CHK.	陳逸軒	覆核 REC.	邱繼家
繪圖 DWN.	黃欽賢	設計 DSN.	陳穎君
工程圖號 DWG. NO.	D-S-0103		
張號 SHT. NO.	/	版次 - RE 版	
圖檔名稱	0448BDS010300		

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柱尺寸表 (cm)

編號	尺寸 (BxD)	備註
C1, C8, C11	120x120	
C2, C3, C4, C12	110x120	
C9, C10	115x115	
C6	90x90	

梁尺寸表 (cm)

編號	尺寸 (梁寬x梁深)	備註
4WG1~4WG2	100x150	
4WG3~4WG6, 4WB1~4WB6	90x120	

剪力牆尺寸表 (cm)

編號	牆厚	備註
W90	90	

附註NOTE：
1. 本工程除高程以公尺 (m) 爲單位，或其他另有註明外，一律以公分 (cm) 爲單位。
2. 柱編號C1,C2,C3,C4,C6,C8,C11, C12 之鋼筋保護層厚度爲10公分。
3. 梁編號4WG1~4WG6,4WB1~4WB6 之鋼筋保護層厚度爲10公分。
4. 剪力牆編號W90之鋼筋保護層厚度爲10公分。
5. 天車樑梁後續由得標統包商提供細部設計圖。

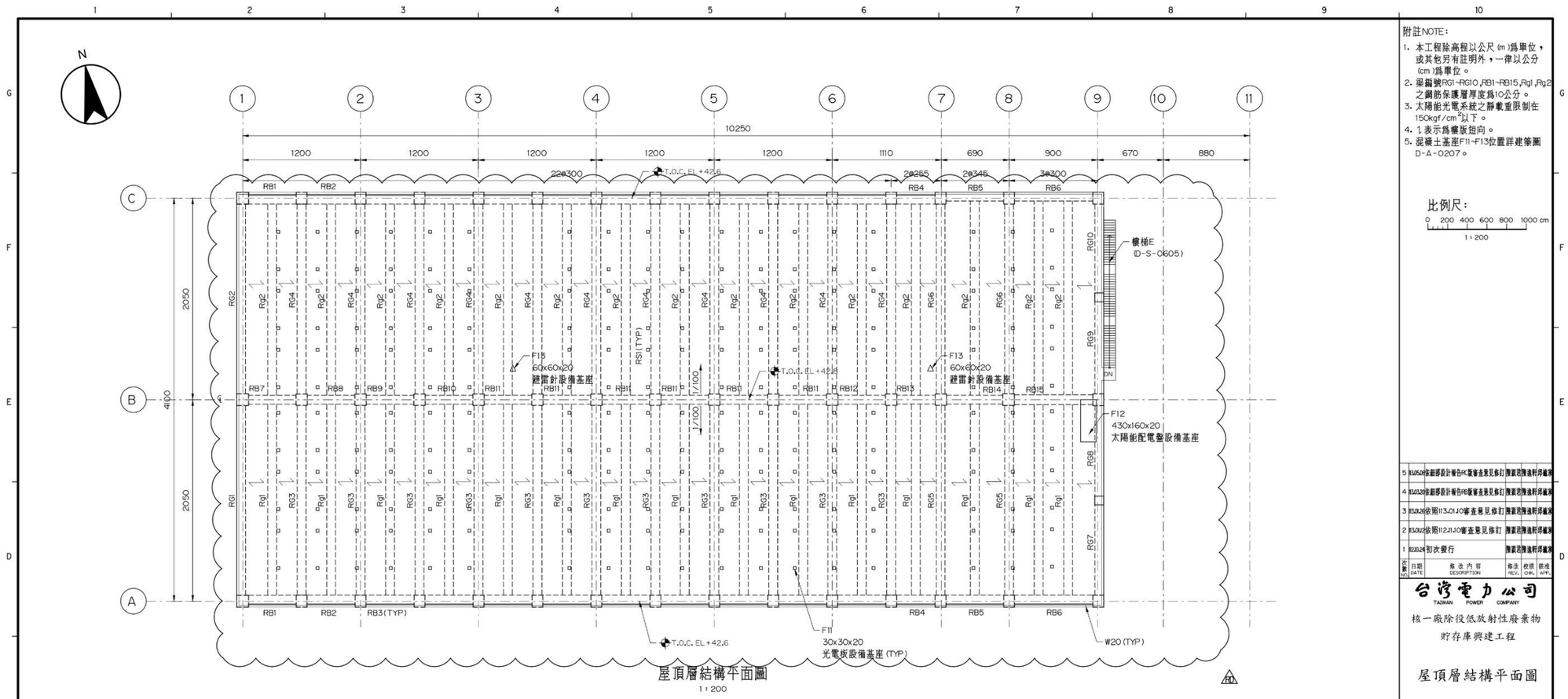
比例尺：
0 200 400 600 800 1000 cm
1：200

NO.	日期 DATE	修改內容 DESCRIPTION	修改 REV.	校核 CHK.	核准 APP.
5	113.05.08	依審查意見修訂	陳穎君	陳逸軒	邱毓家
4	113.03.29	依照113.03.20審查意見修訂	陳穎君	陳逸軒	邱毓家
3	113.02.26	依照113.01.30審查意見修訂	陳穎君	陳逸軒	邱毓家
2	113.01.12	依照112.11.30審查意見修訂	陳穎君	陳逸軒	邱毓家
1	112.10.24	初次發行	陳穎君	陳逸軒	邱毓家

台灣電力公司 TAIWAN POWER COMPANY
核一廠除役低放射性廢棄物貯存庫興建工程
四層結構平面圖
台電核章 TAIPOWER SIG.
中興工程顧問股份有限公司 SINOTECH ENGINEERING CONSULTANTS, LTD.
簽章 SIG.

核定 APP.	歐彥宏	日期 DATE	113.5.8
初核 CHK.	陳逸軒	覆核 REC.	邱毓家
繪圖 DWN.	黃啟賢	設計 DSN.	陳穎君
工程圖號 DWG. NO.	D-S-0104		
張號 SHT. NO.	/	版次 - RE 版	
V2\\0448B\ST\ST-D\	圖檔名稱	0448BDS010400	

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屋頂層結構平面圖
1：200

附註NOTE：
1. 本工程除高程以公尺(m)爲單位，或其他另有註明外，一律以公分(cm)爲單位。
2. 梁編號RG1~RG10,RB1~RB15,Rg1,Rg2之鋼筋保護層厚度爲10公分。
3. 太陽能光電系統之靜載重限制在150kgf/cm²以下。
4. 1表示爲樓版短向。
5. 混凝土基座F11~F13位置詳建築圖D-A-0207。

比例尺：
0 200 400 600 800 1000 cm
1：200

版尺寸表(cm)

編號	版(牆)厚	設計活載重
RS1	35	250kgf/m²

梁尺寸表(cm)

編號	尺寸(梁寬x梁深)	備註
RG1~RG10, RB1~RB14	90x120	
RB15	100x150	
Rg1, Rg2	90x110	

女兒牆尺寸表(cm)

編號	牆厚	備註
W20	20	

版次	日期 DATE	修改內容 DESCRIPTION	修改 REV.	校核 CHK.	核准 APP.
5	113.05.08	依顧問委設計報告RC版審查意見修訂	陳穎君	陳逸軒	邱毓家
4	113.03.27	依顧問委設計報告R0版審查意見修訂	陳穎君	陳逸軒	邱毓家
3	113.02.26	依照113.01.10審查意見修訂	陳穎君	陳逸軒	邱毓家
2	113.01.25	依照112.11.10審查意見修訂	陳穎君	陳逸軒	邱毓家
1	112.10.24	初次發行	陳穎君	陳逸軒	邱毓家

台灣電力公司
TAIWAN POWER COMPANY
核一廠除役低放射性廢棄物貯存庫興建工程

屋頂層結構平面圖

台電核章 TAIPOWER SIG.

中興工程顧問股份有限公司
SINOTECH ENGINEERING CONSULTANTS, LTD.

簽章 SIG.

核定 APP.	歐彥宏	日期 DATE	113.5.8
初核 CHK.	陳逸軒	覆核 REC.	邱毓家
繪圖 DWG.	黃欽賢	設計 DSN.	陳穎君
工程圖號 DWG. NO.	D-S-0105		
張號 SHT. NO.	/	版次	RE 版
	檔案名稱	0448BDS010500	

V2i\0448B\ST\ST-D\

E:\0448B 核一廠除役低放貯存庫\設計\結構設計\20240314結構圖\0448BDS010500.DWG, 2024/5/5 上午 08:59:31, 07886

九、 結構分析模型

三號低貯庫主結構體分析採用 CSI ETABS 9.7.3 電腦程式，根據「建築物耐震設計規範及解說」1.7 節規定，具剪力牆之構架系統，其抗彎構架應設計能單獨抵禦 25%以上的設計地震力，故本案針對「含剪力牆」及不含剪力牆的「空構架」，分別建置兩個分析模型，本計算書後續呈現之桿件設計為考慮兩者比較後之分析結果。本結構樑、柱、版及牆桿件主要尺寸整理於下表：

表 19 結構主要桿件尺寸表

標準層	容器貯存區	RC 柱	120 cm × 120 cm，110 cm × 120 cm， 115 cm ×115 cm
		X 向剪力牆	T = 90 cm
		Y 向剪力牆	T = 90 cm
		X 向大樑	90 cm × 120 cm
		Y 向大樑	100 cm × 150 cm，90 cm × 120 cm
	輔助區	RC 柱	90cm × 90 cm
		X 向剪力牆	T = 30 cm
		Y 向剪力牆	T = 30 cm
		X 向大樑	60 cm × 80 cm
		Y 向大樑	70 cm × 90 cm
		小樑	60 cm × 80 cm，30 cm × 50 cm
		RC 樓板	T = 20 cm
屋頂層		X 向大樑	90 cm × 120 cm，100 cm × 150 cm
		Y 向大樑	90 cm × 120 cm
		小樑	90 cm × 110 cm
		RC 樓板	T = 35 cm

1. 3D 結構分析模型：

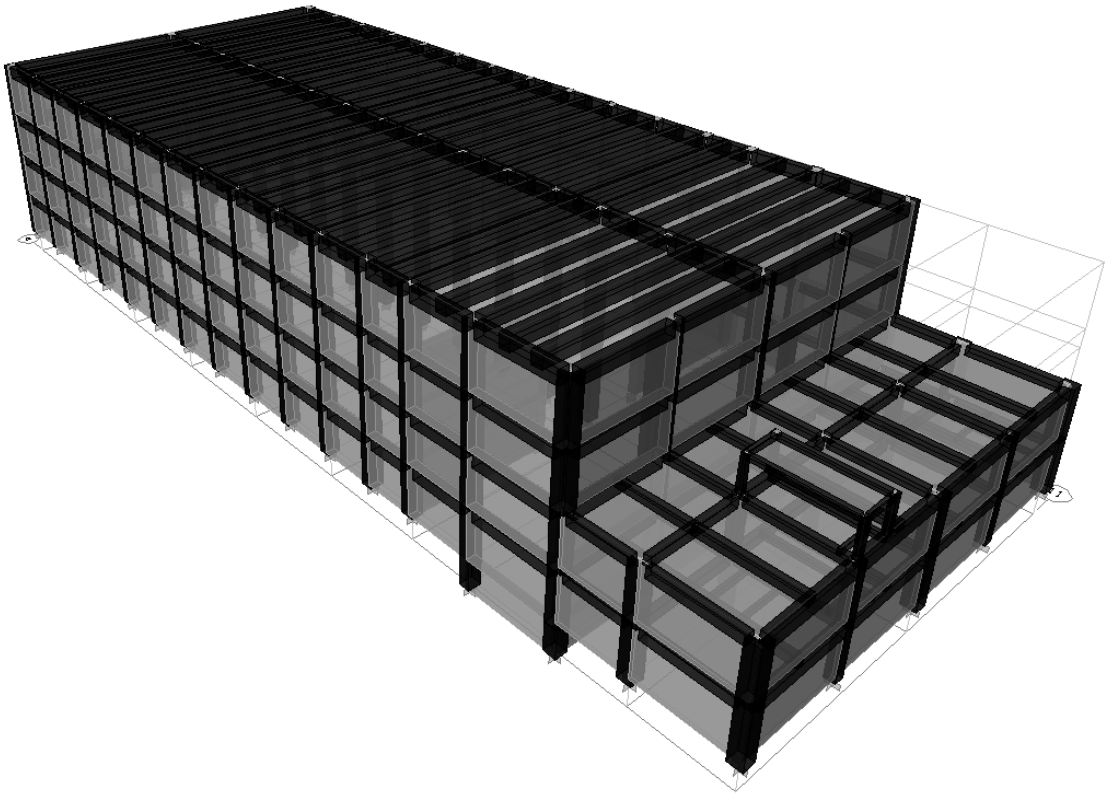


圖 10 3D 結構分析模型

2. 結構分析模型平面 (圖中編號為節點編號)：

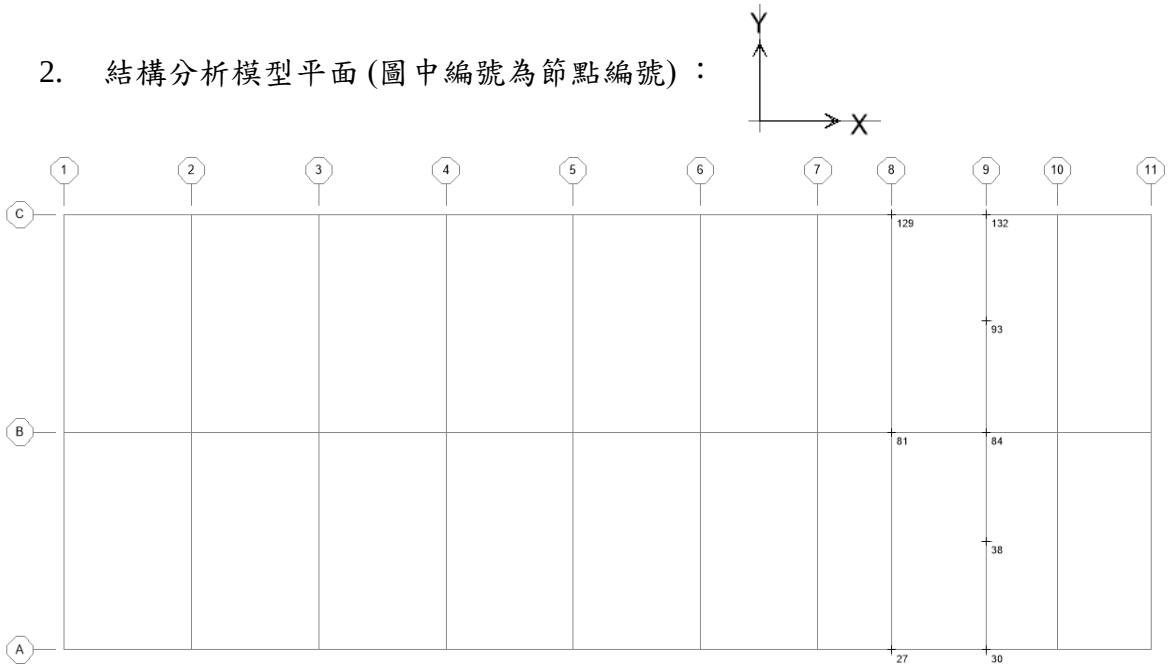


圖 11 結構分析模型平面 B1F (EL.+19.25)

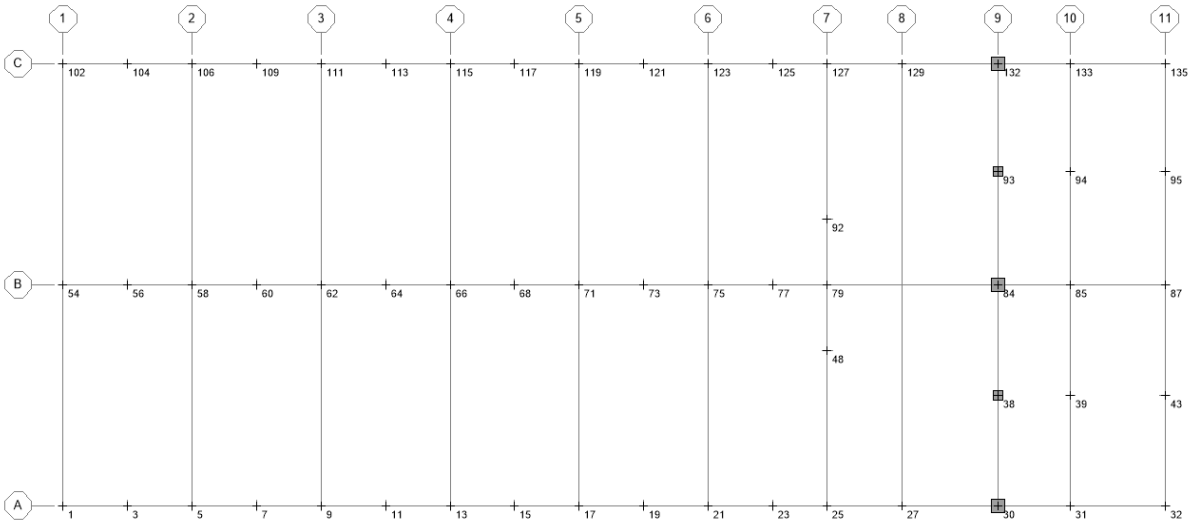


圖 12 結構分析模型平面 1F (EL.+21.90)

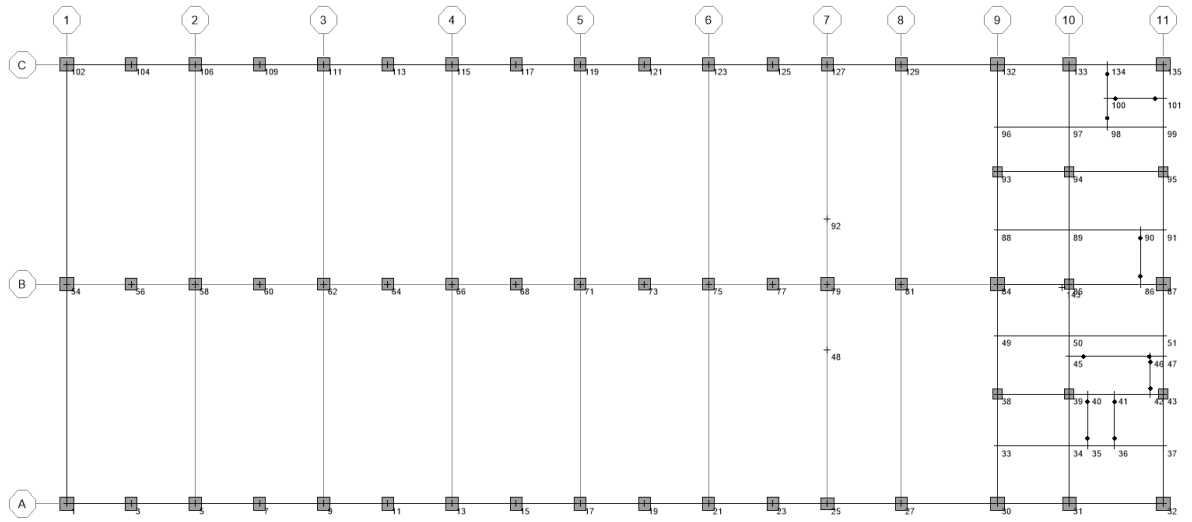


圖 13 結構分析模型平面 2F (EL.+26.90)

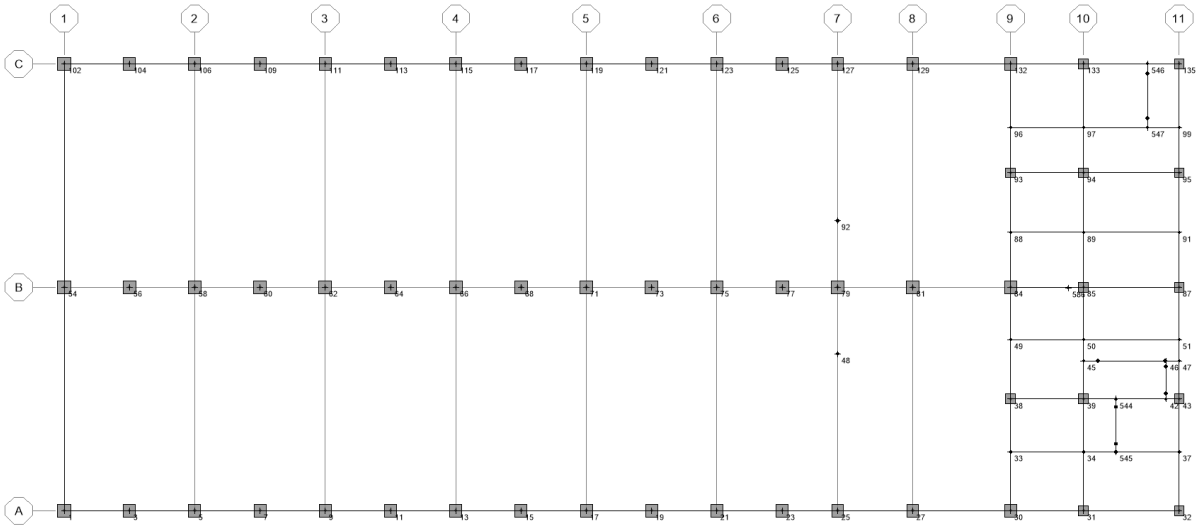


圖 14 結構分析模型平面 3F (EL.+31.90)

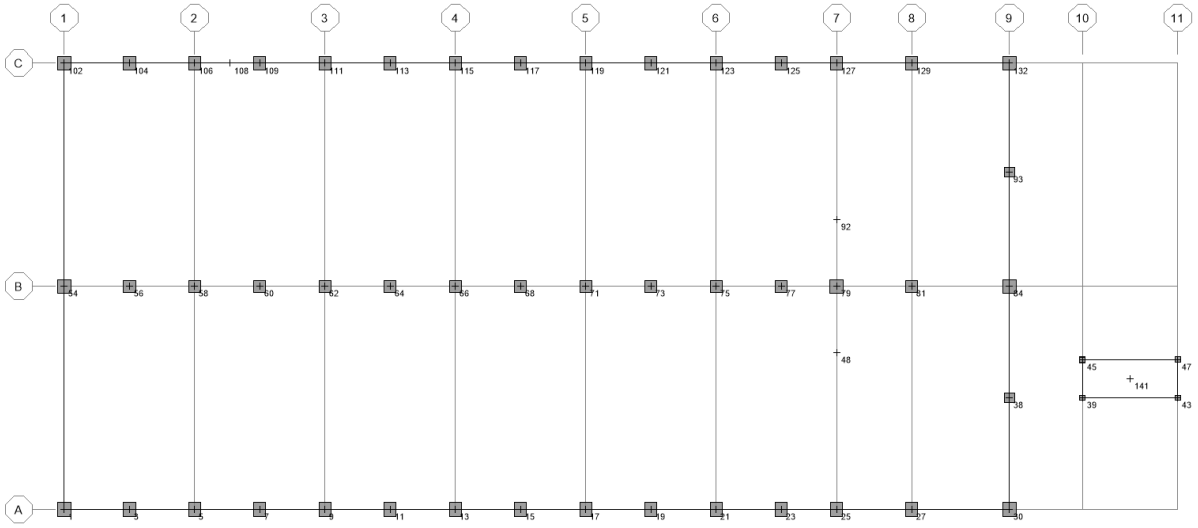


圖 15 結構分析模型平面 4F (EL.+36.90 / EL.+35.30)

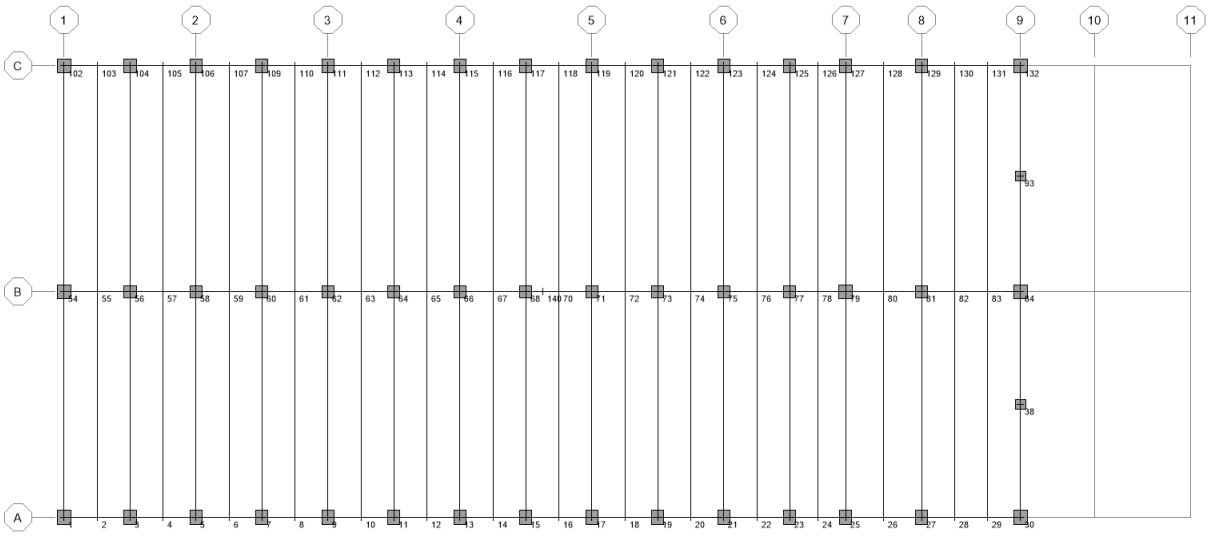


圖 16 結構分析模型平面 RF (EL.+42.60)

3. 結構分析模型長向立面 (圖中編號為桿件編號)：

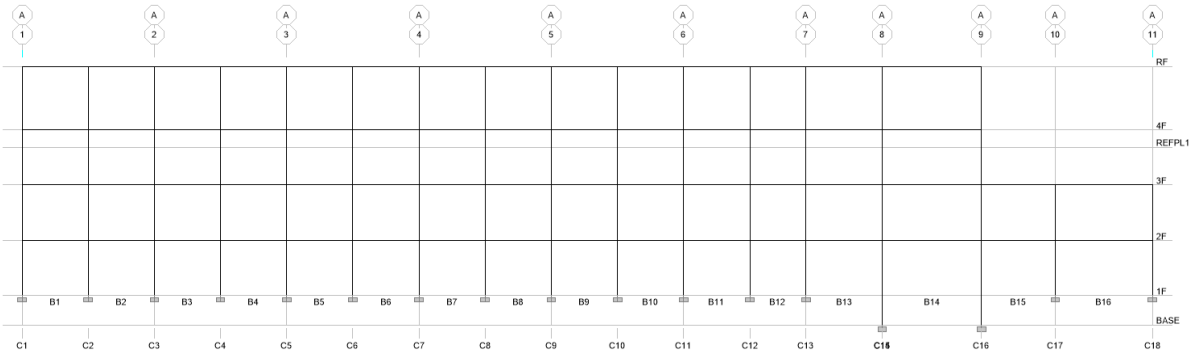


圖 17 結構分析模型柱線 A 立面圖

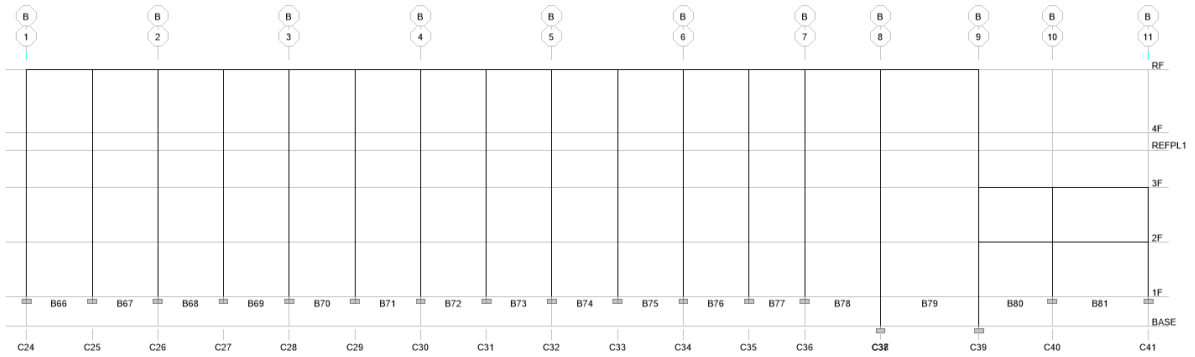


圖 18 結構分析模型柱線 B 立面圖

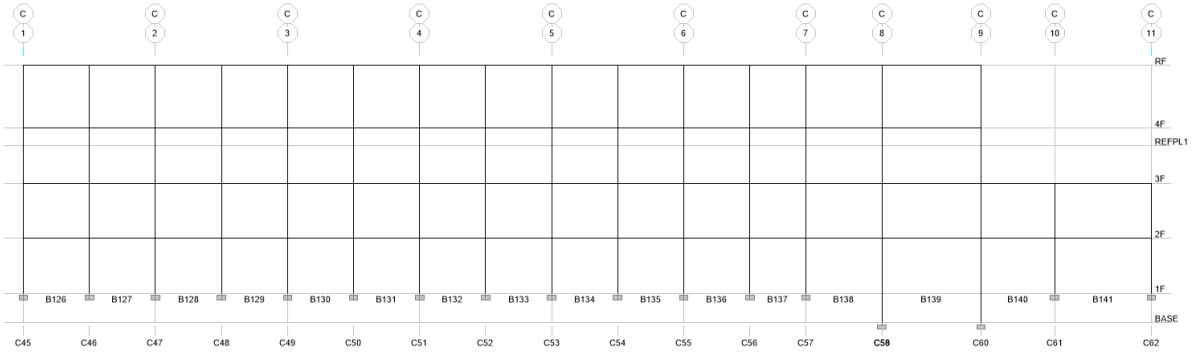


圖 19 結構分析模型柱線 C 立面圖

4. 結構分析模型短向立面 (圖中編號為桿件編號)：

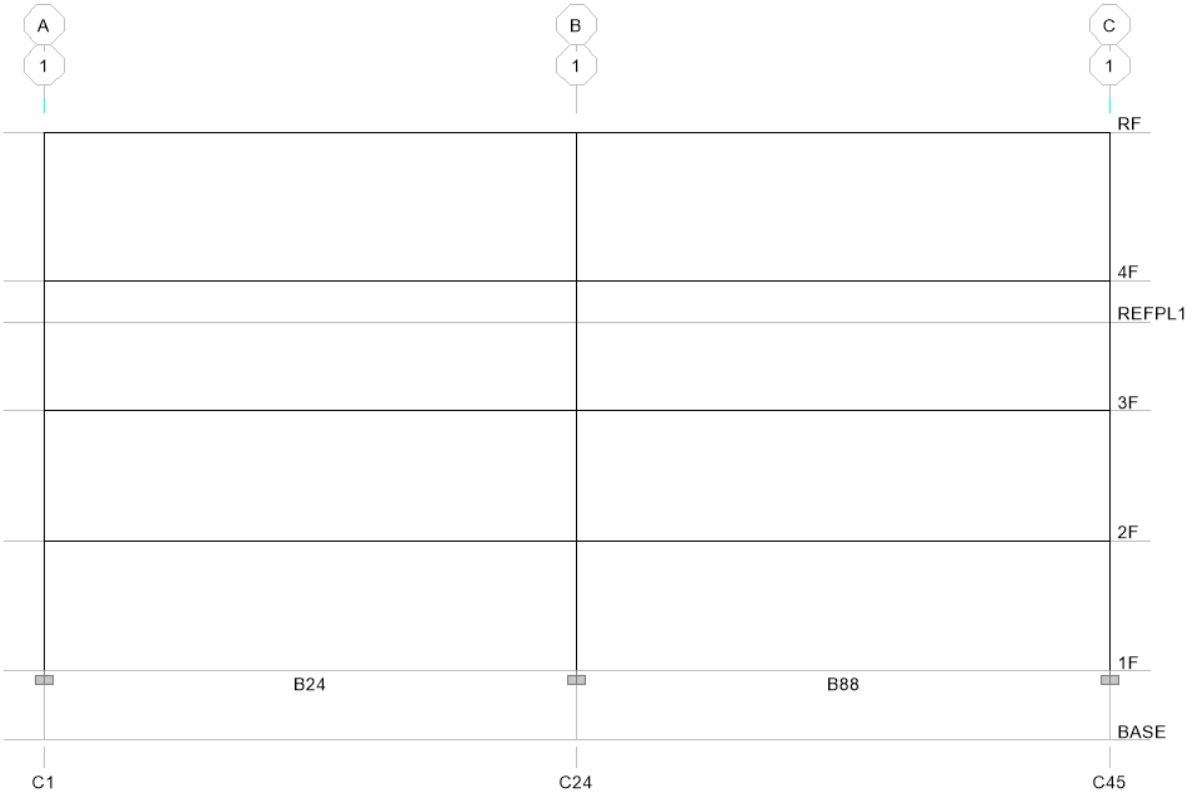


圖 20 結構分析模型柱線 1 立面圖

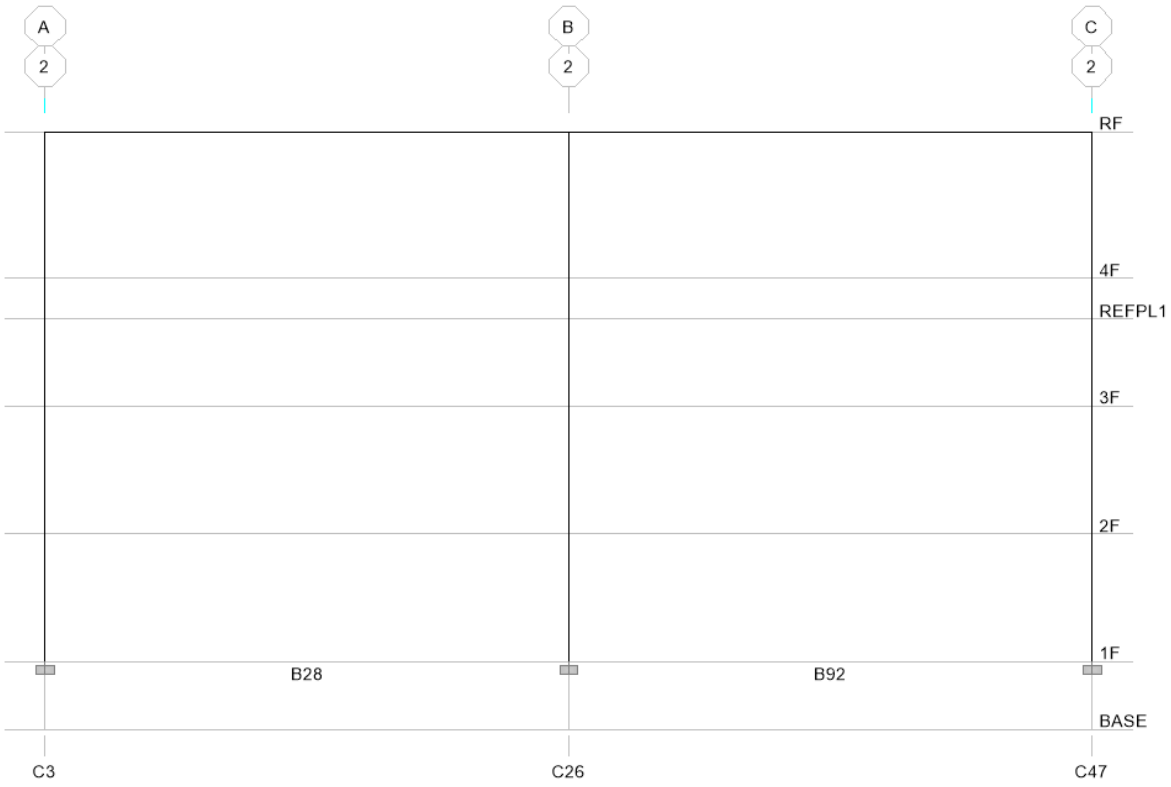


圖 21 結構分析模型柱線 2 立面圖

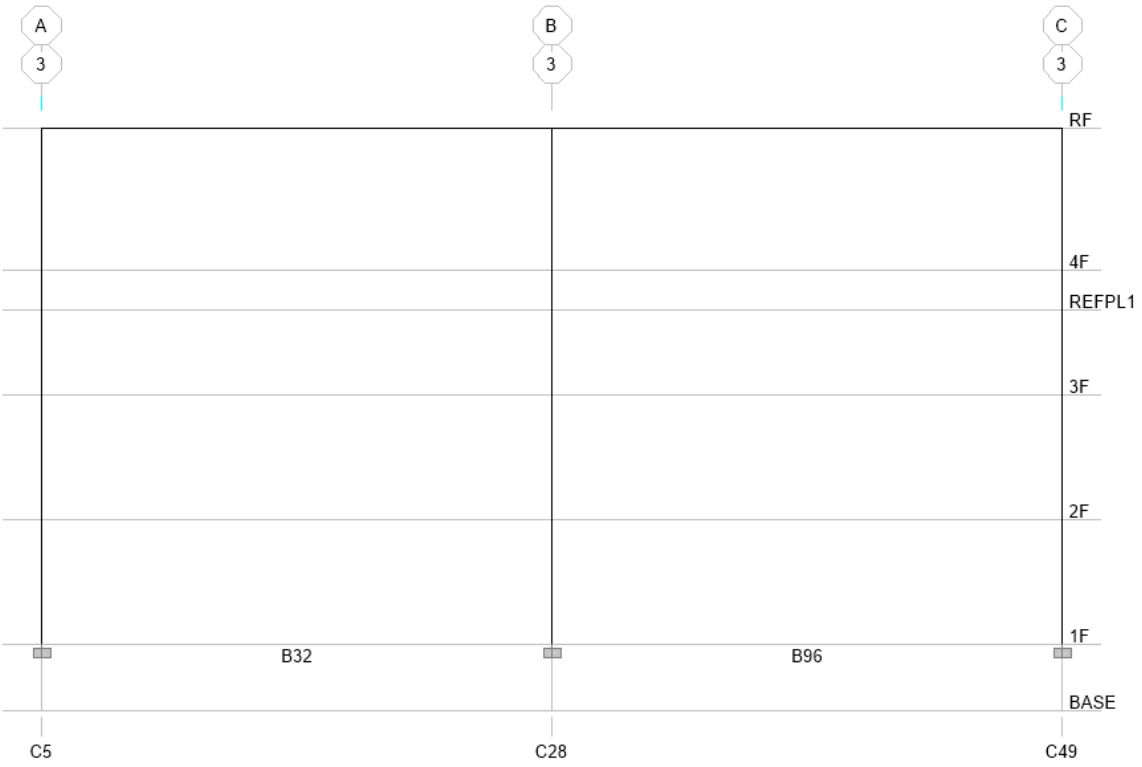


圖 22 結構分析模型柱線 3 立面圖

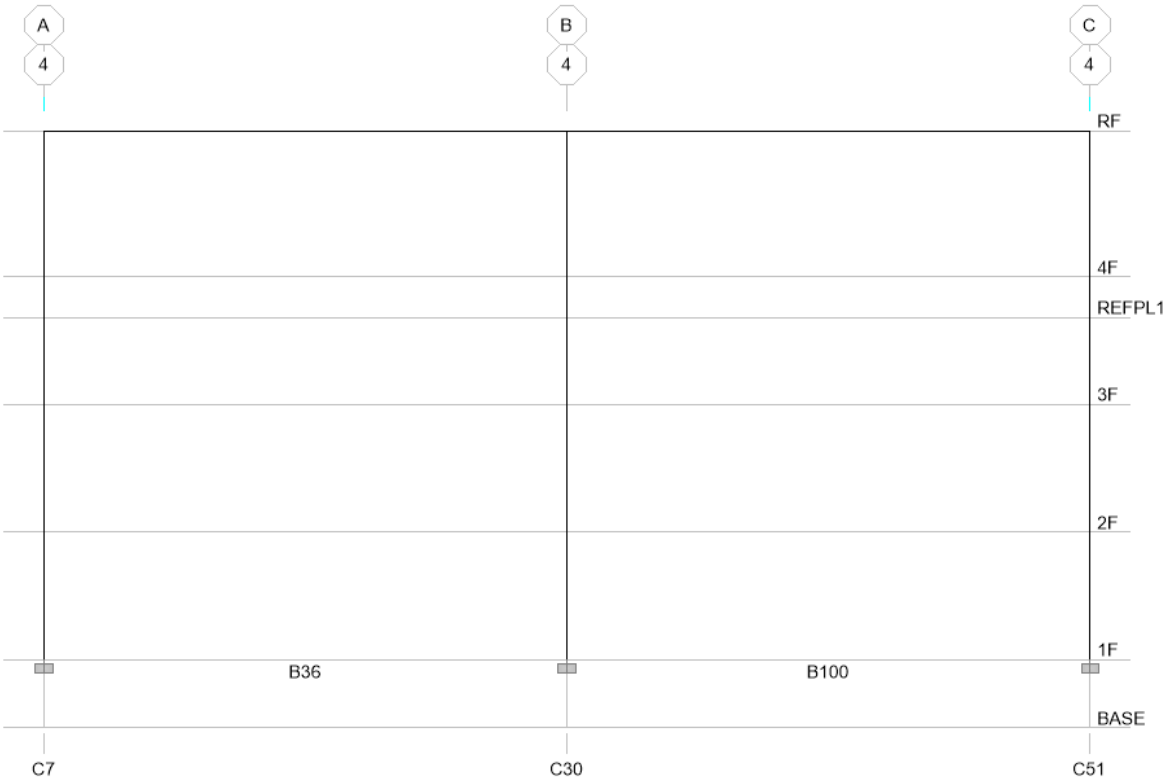


圖 23 結構分析模型柱線 4 立面圖

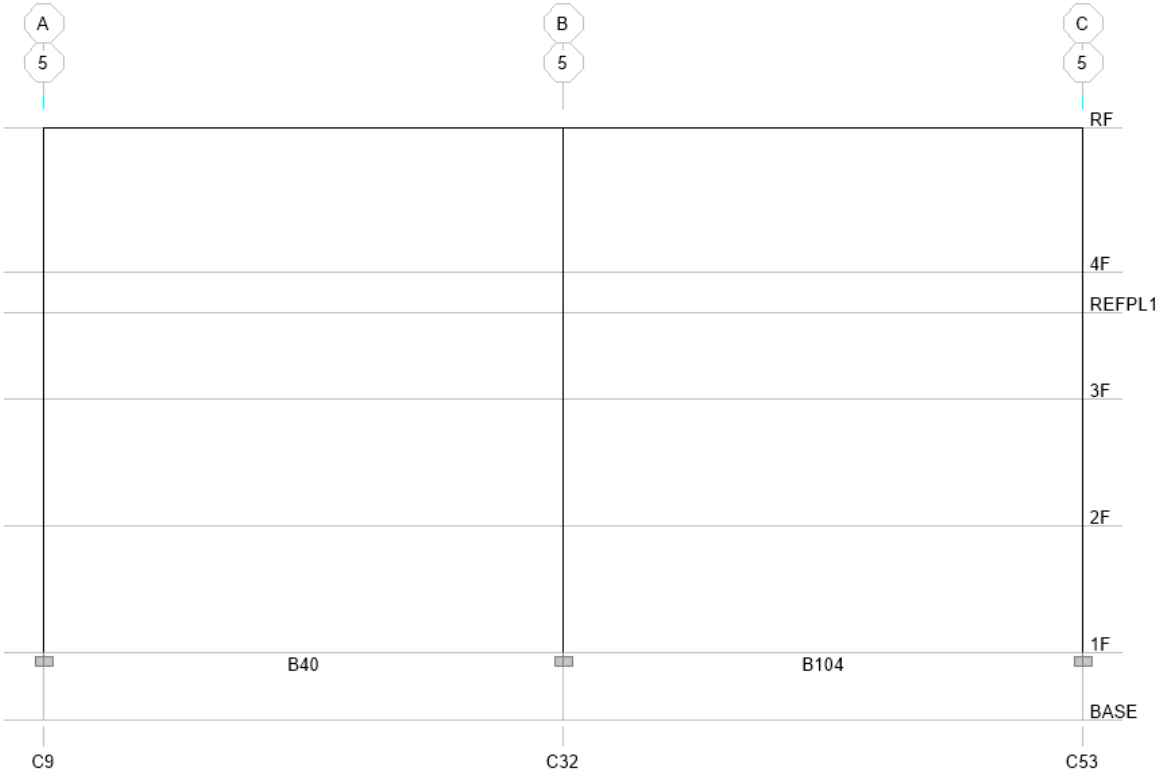


圖 24 結構分析模型柱線 5 立面圖

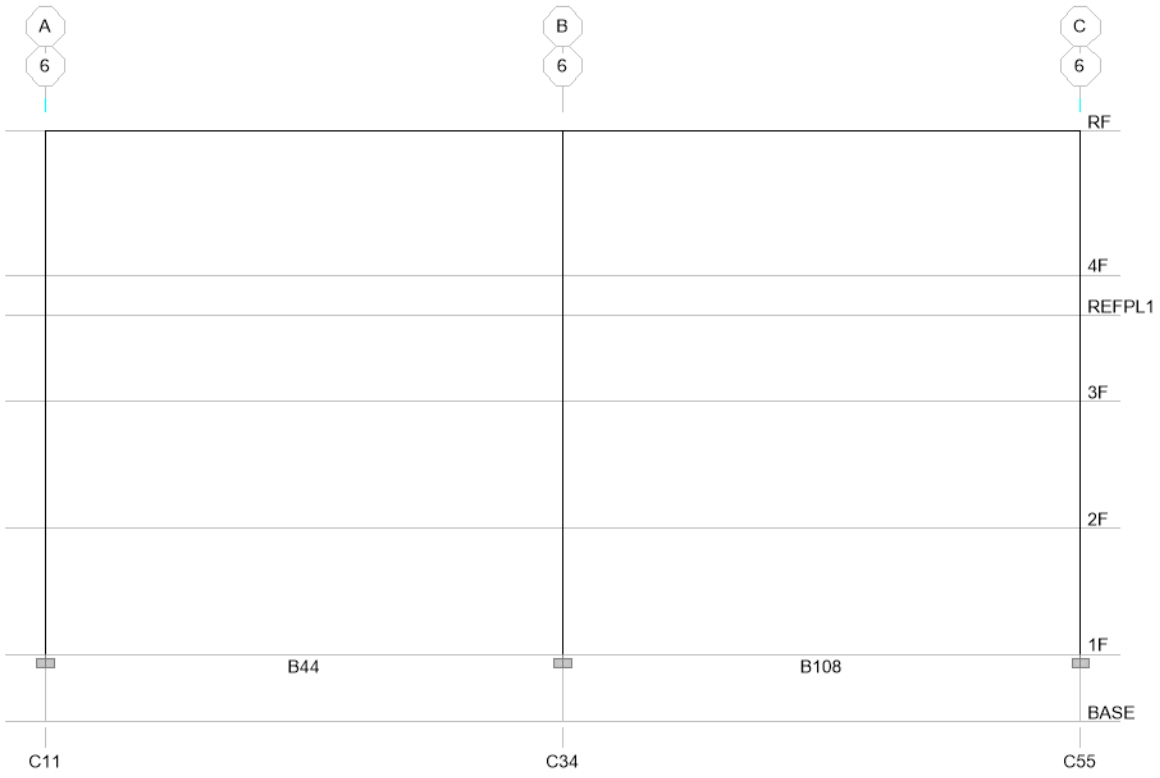


圖 25 結構分析模型柱線 6 立面圖

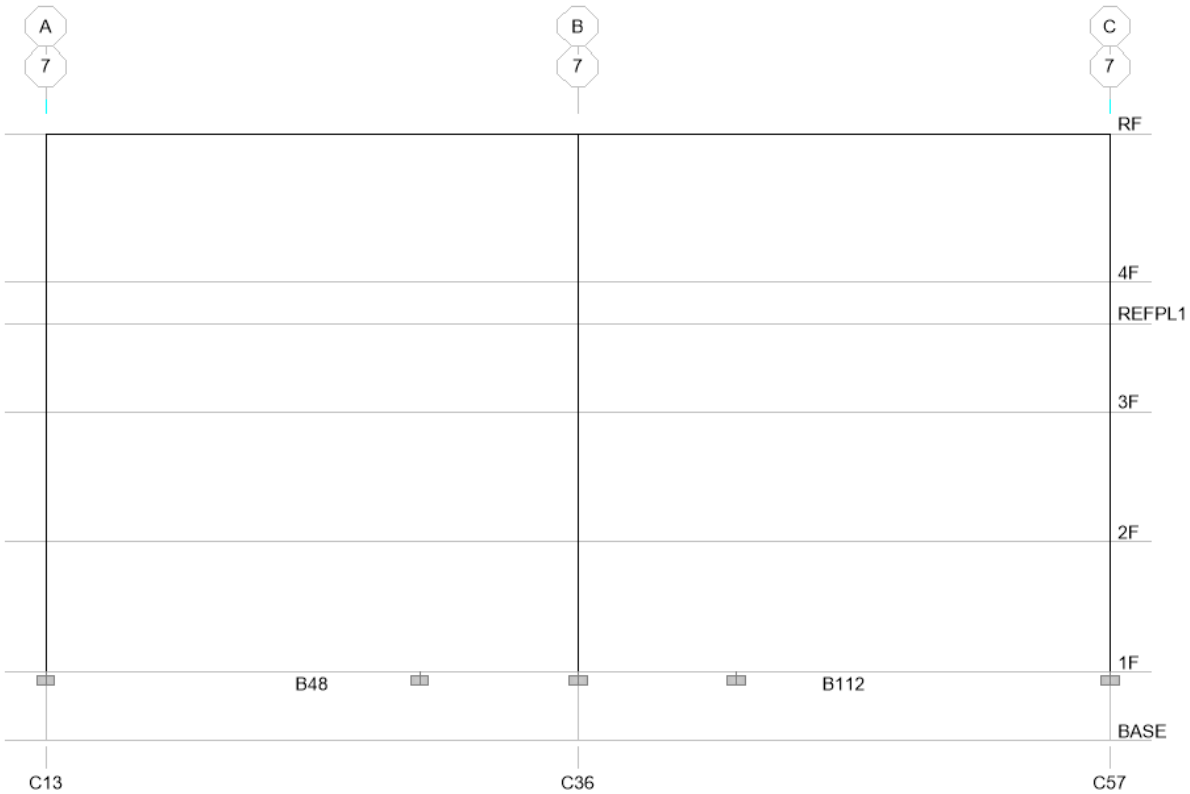


圖 26 結構分析模型柱線 7 立面圖

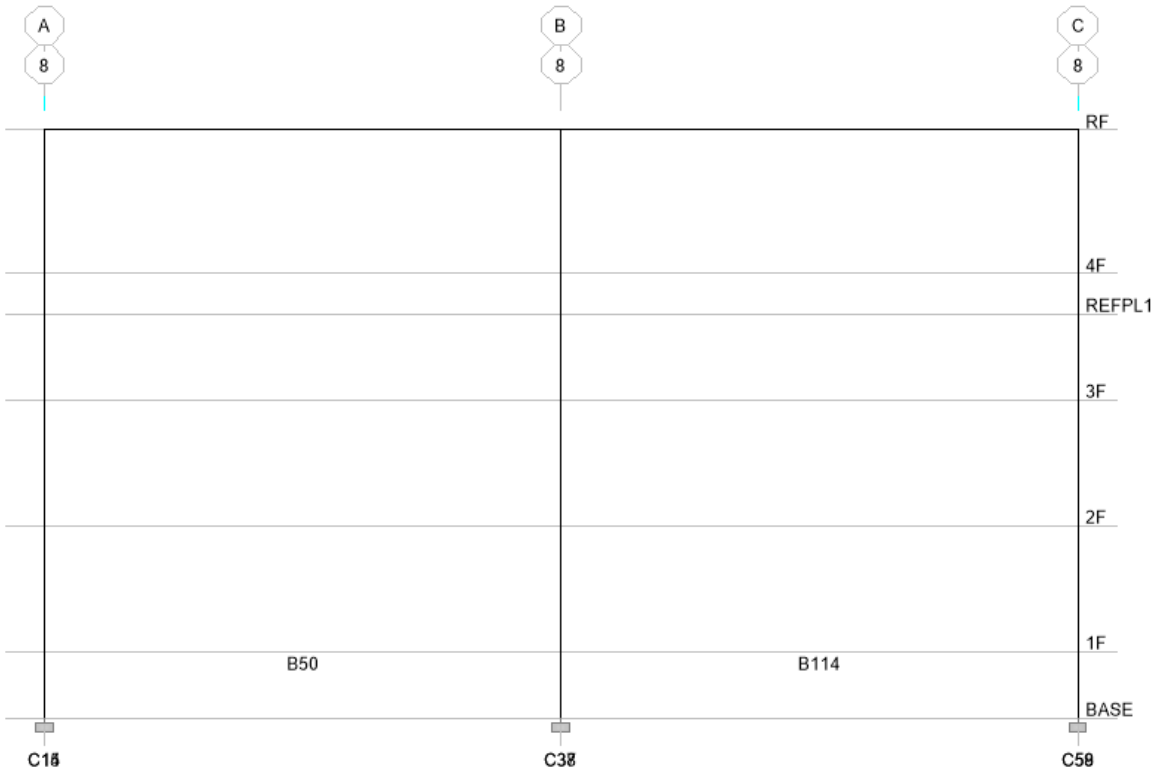


圖 27 結構分析模型柱線 8 立面圖

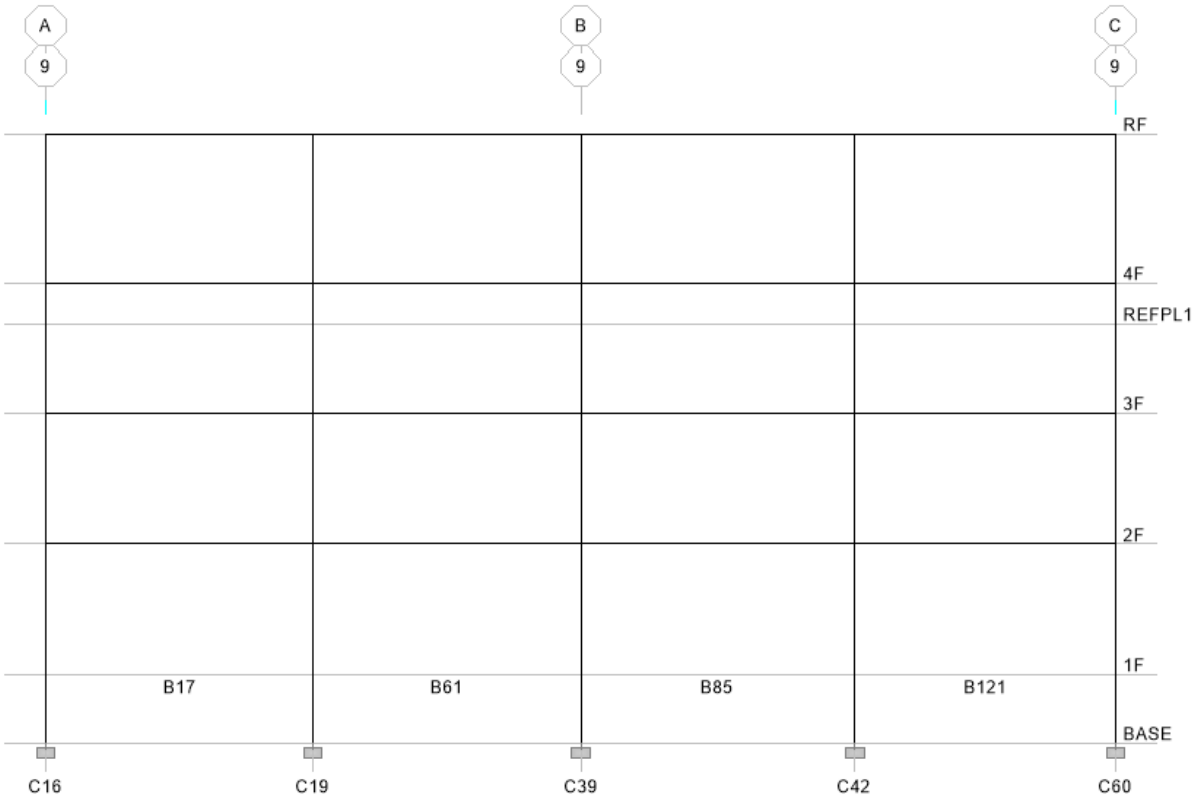


圖 28 結構分析模型柱線 9 立面圖

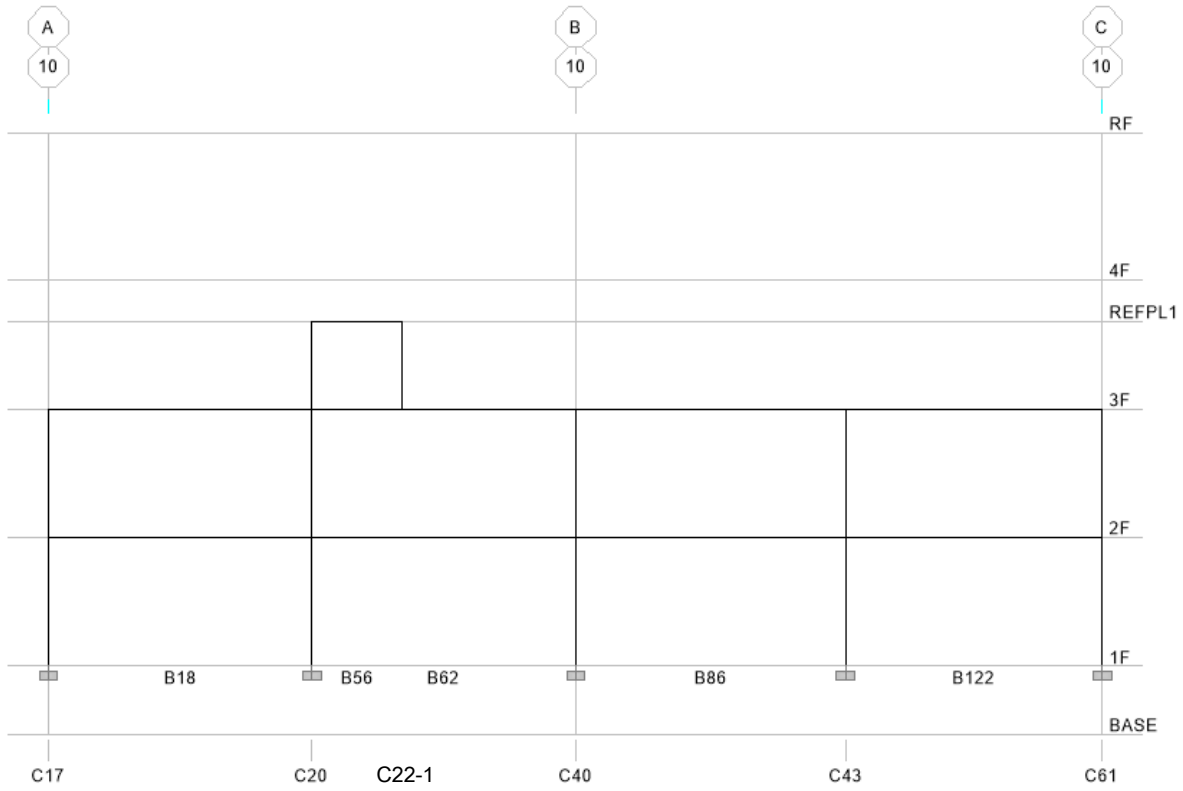


圖 29 結構分析模型柱線 10 立面圖

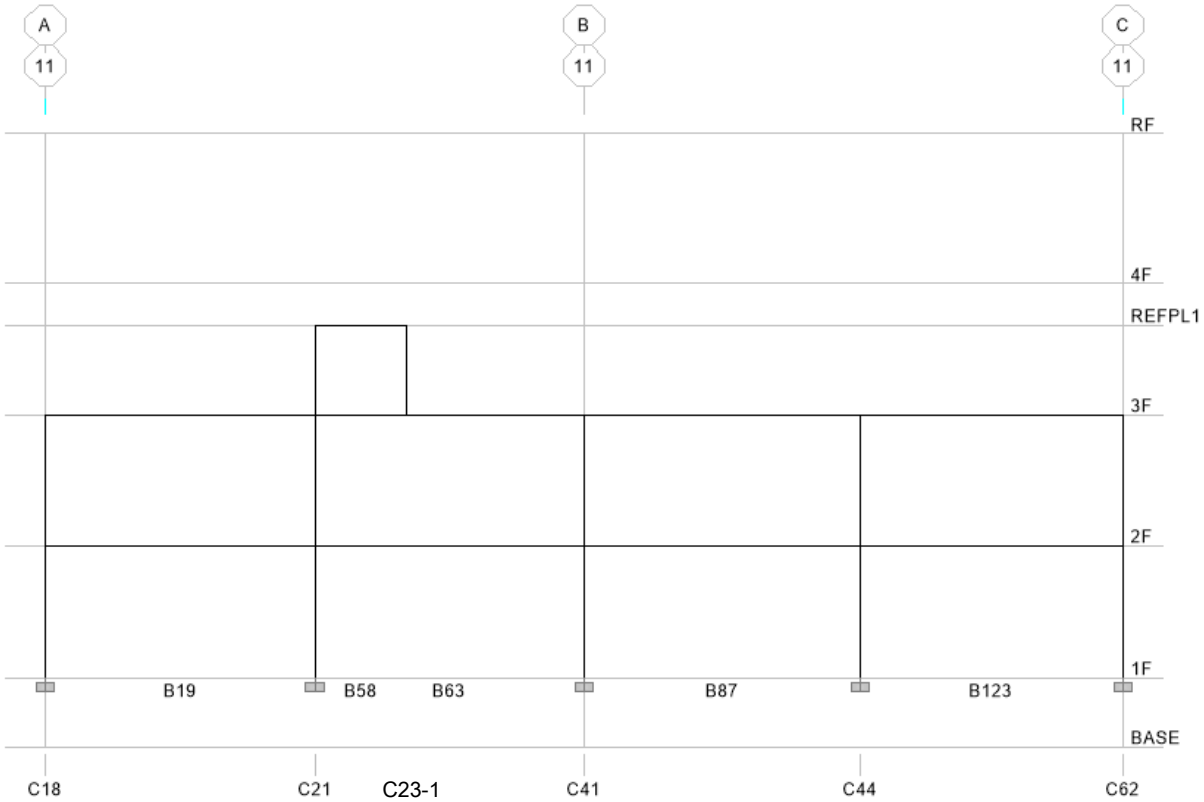


圖 30 結構分析模型柱線 11 立面圖

5. 結構分析模型剪力牆編號

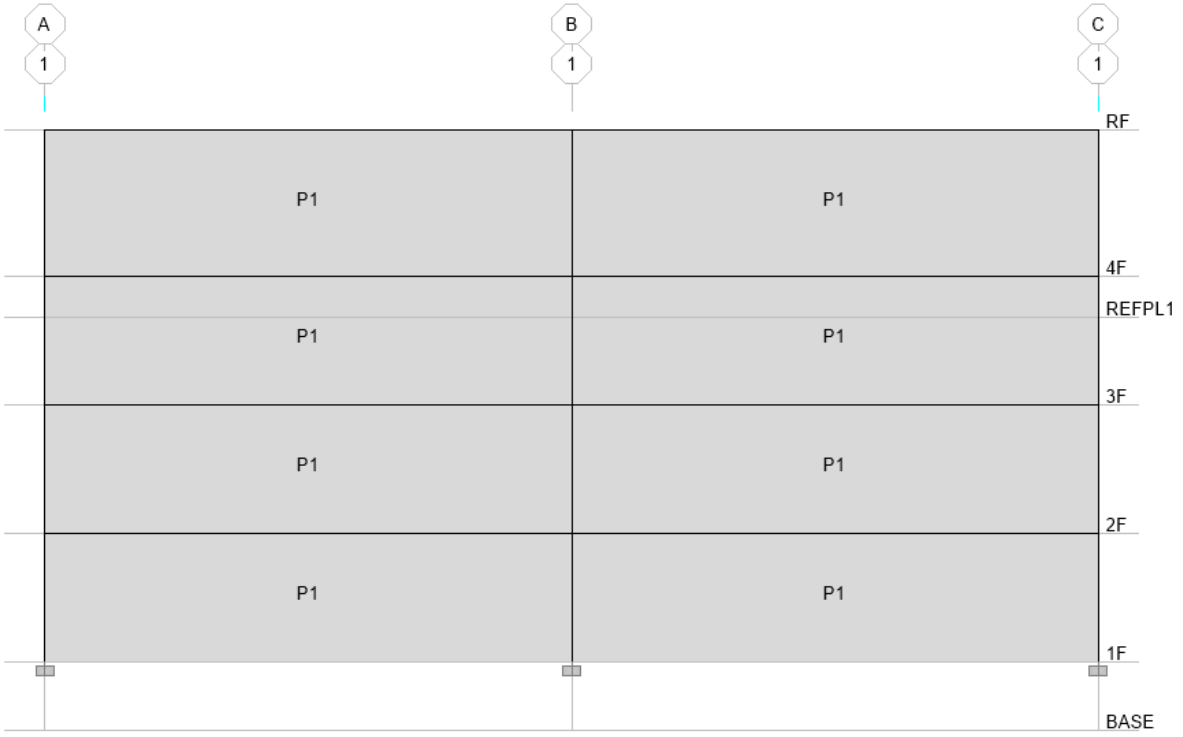


圖 31 結構分析模型柱線 1 剪力牆

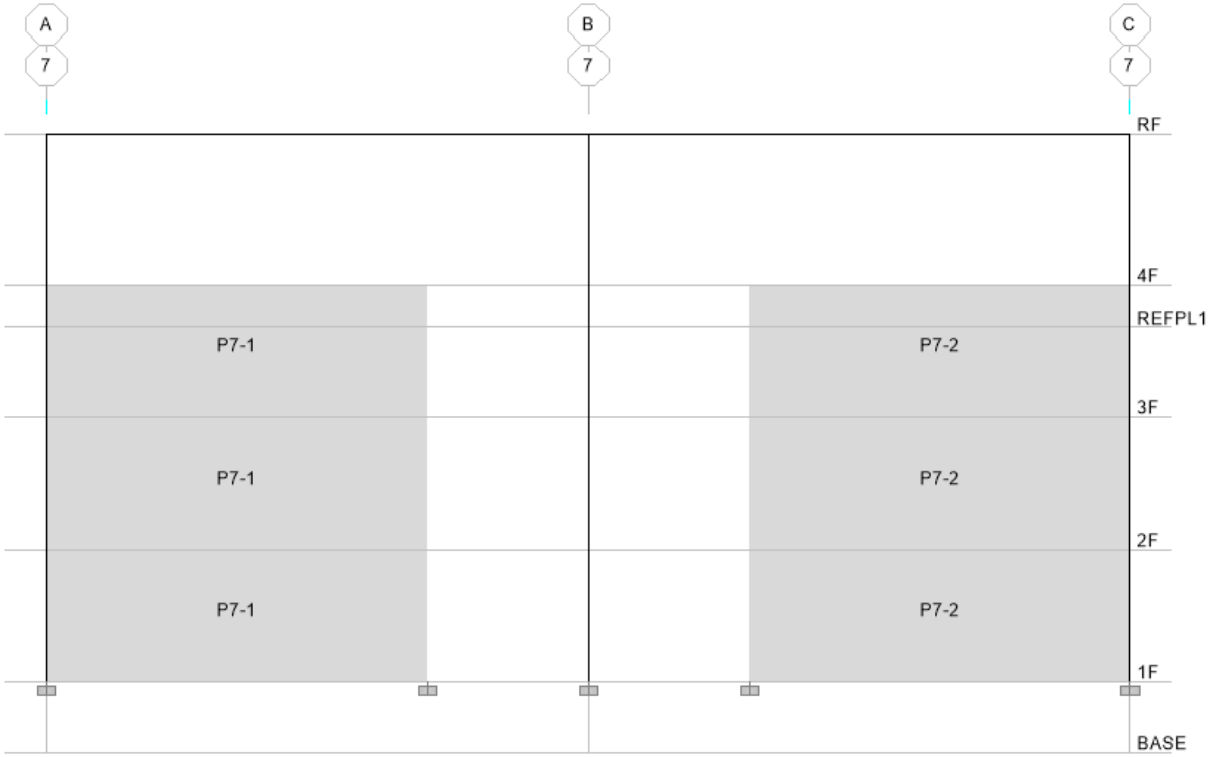


圖 32 結構分析模型柱線 7 剪力牆

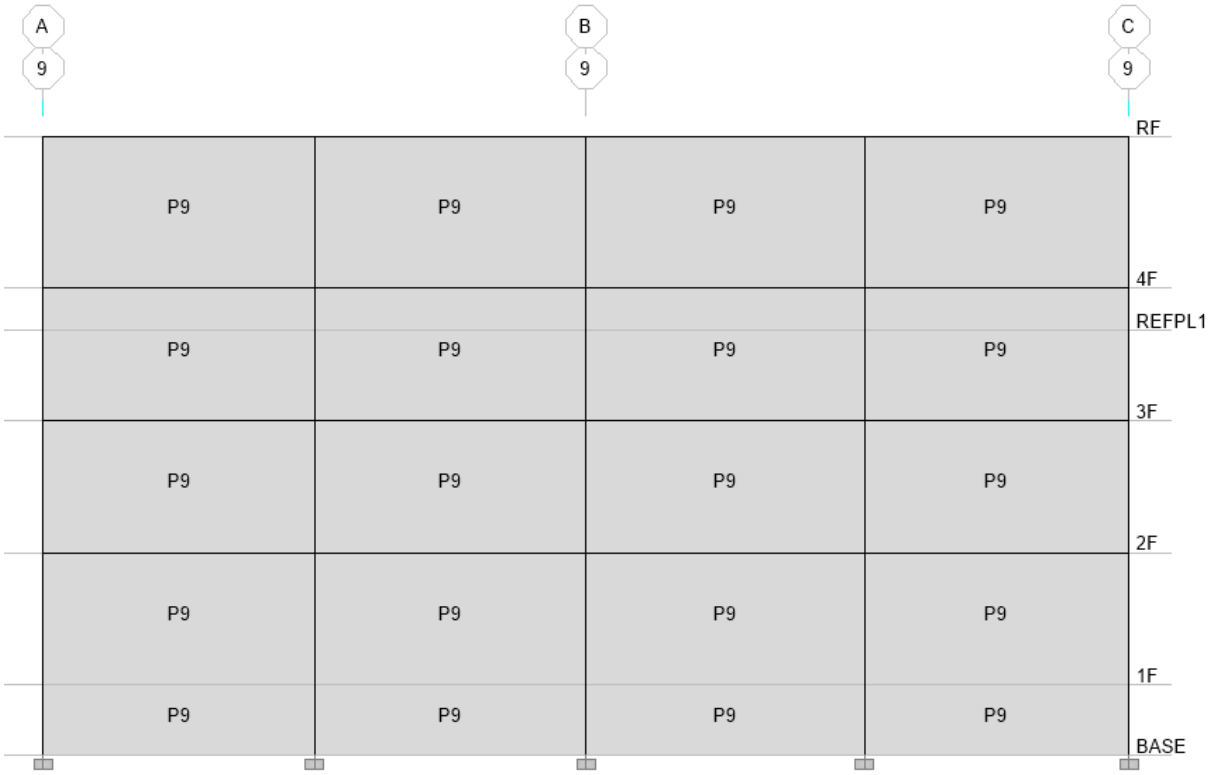


圖 33 結構分析模型柱線 9 剪力牆

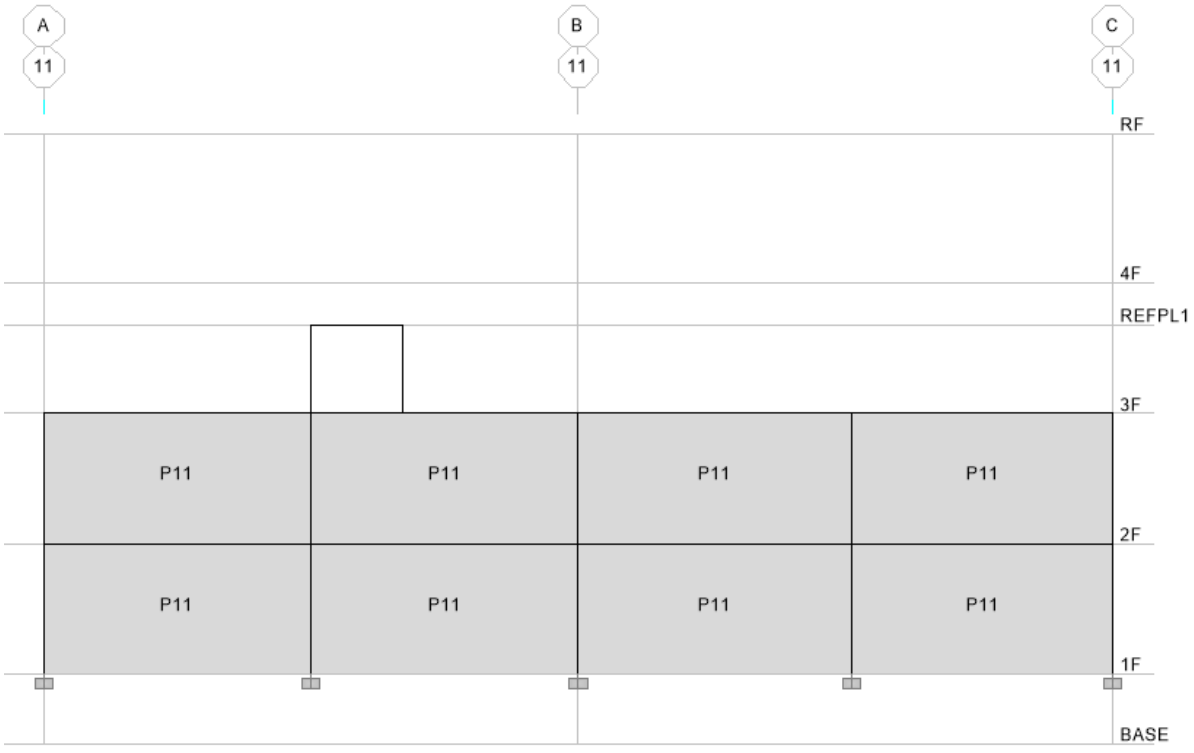


圖 34 結構分析模型柱線 11 剪力牆

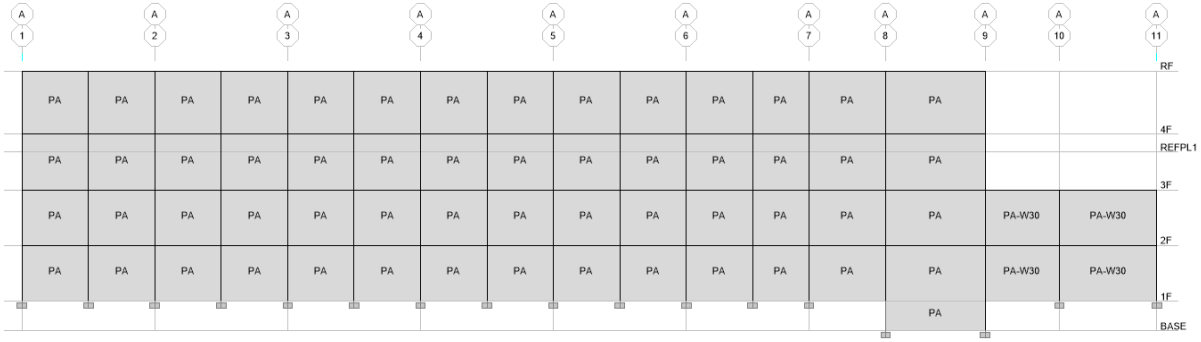


圖 35 結構分析模型柱線 A 剪力牆



圖 36 結構分析模型柱線 C 剪力牆

6. 結構分析模型樓版編號

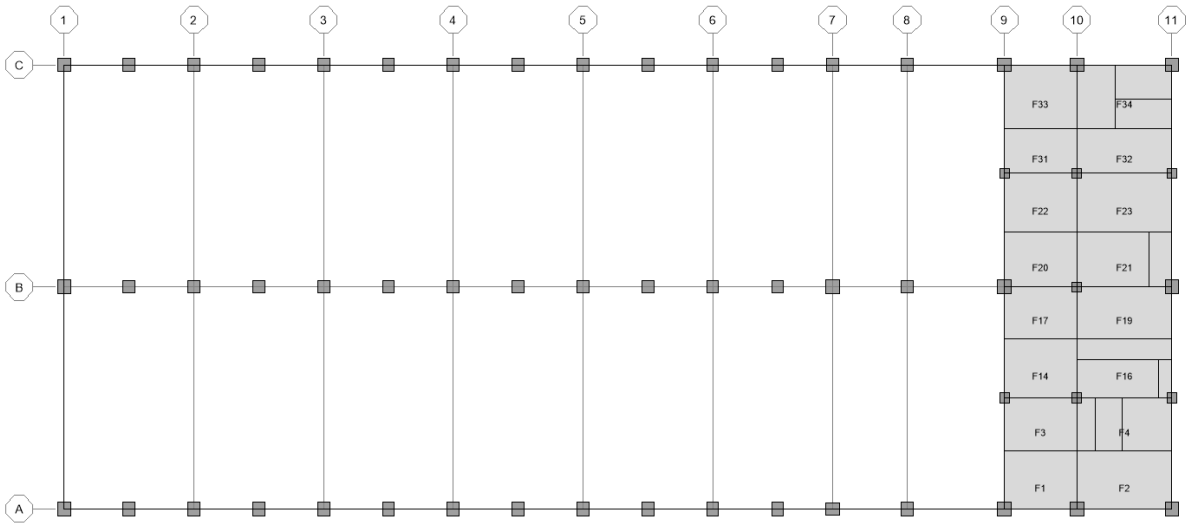


圖 37 結構分析模型 2F 樓版(EL.+26.90)

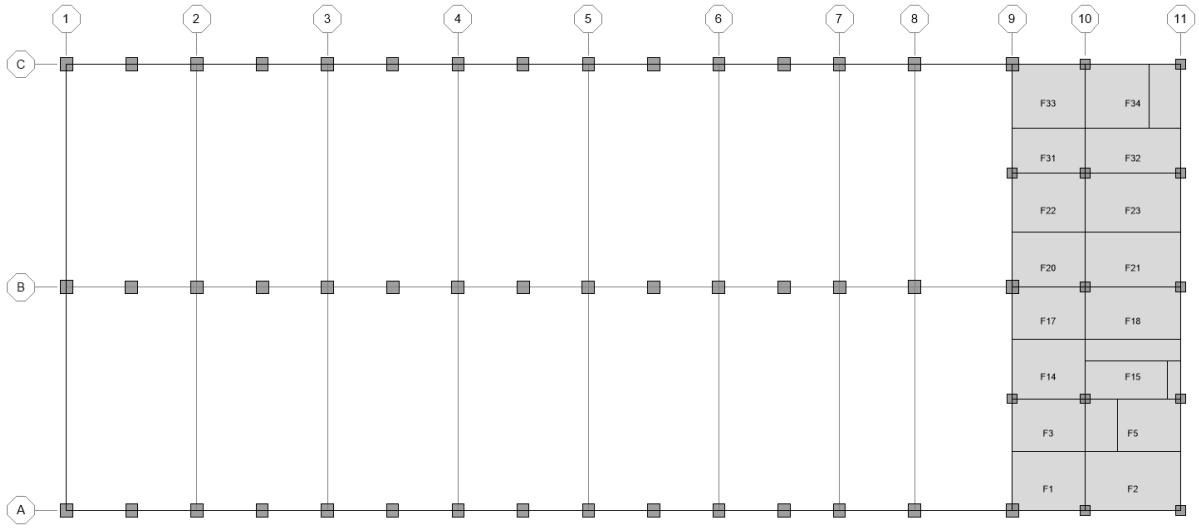


圖 38 結構分析模型 3F 樓版(EL.+31.90)

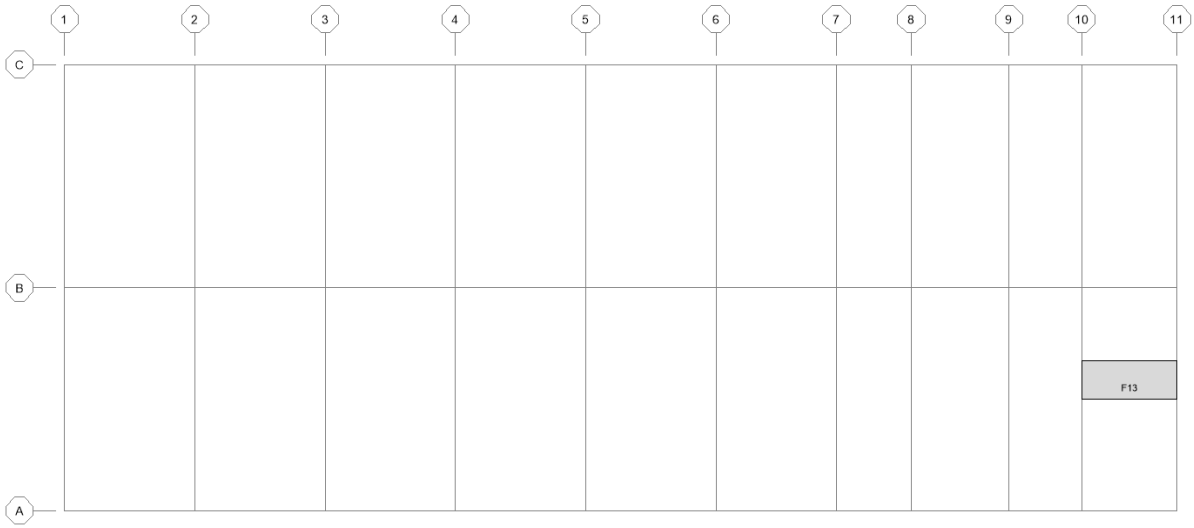


圖 39 結構分析模型 R1F 樓版(EL.+35.30)

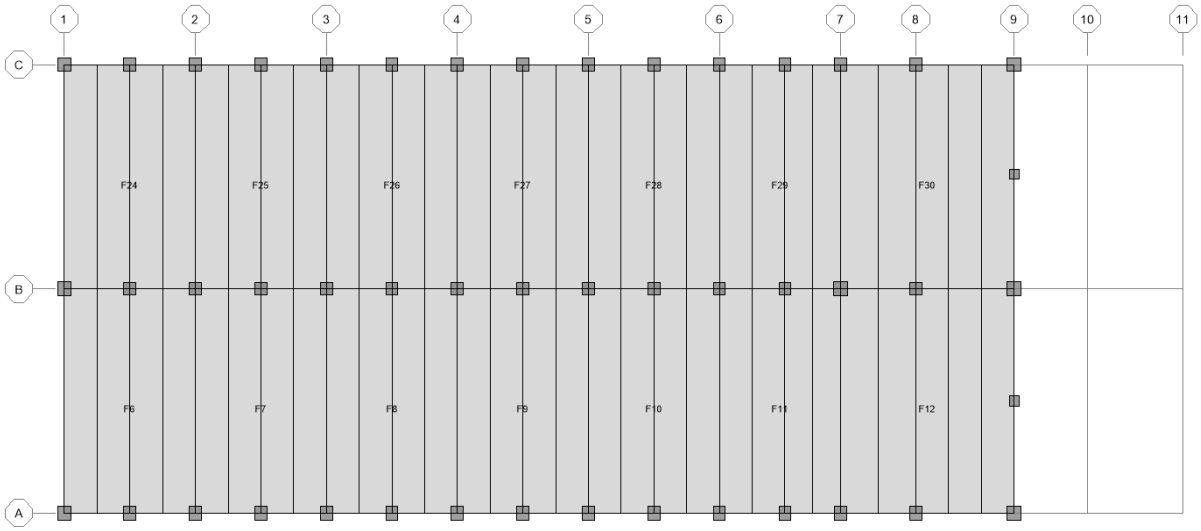


圖 40 結構分析模型 RF 樓版(EL.+42.60)

7. 模態分析

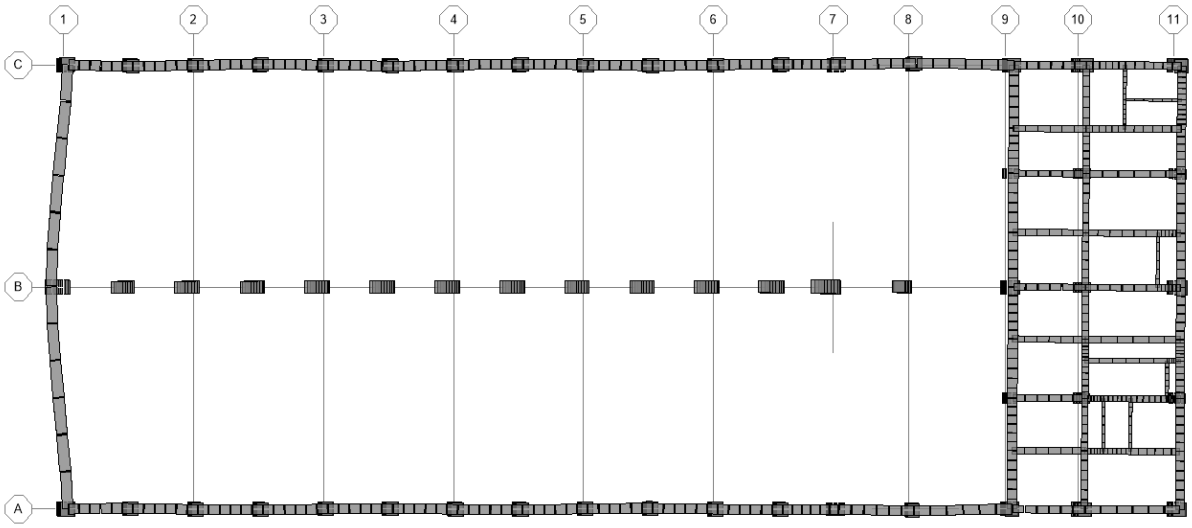
結構週期之決定，取自該方向參與質量比最大的模態週期。經由模態分析結果顯示，X 向最大參與質量比發生於第 48 模態，Y 向最大參與質量比發生於第 4 模態，扭轉向最大參與質量比發生於第 52 模態。故結構 X 向之基本週期為 0.090 秒、Y 向為 0.197 秒、扭轉向為 0.076 秒。本案分析時，X 向、Y 向及扭轉向之模態質量比皆考慮至 90%以上，而各方向模態週期及參與質量詳見下表：

表 20 各模態週期及參與質量比

Mode	Period (sec)	SumUX (%)	SumUY (%)	SumRZ (%)	Mode	Period (sec)	SumUX (%)	SumUY (%)	SumRZ (%)
1	0.339	0.549	0.001	0.016	29	0.129	6.102	53.848	12.441
2	0.339	1.173	0.001	0.029	30	0.128	6.102	53.848	12.441
3	0.223	5.014	0.001	0.029	31	0.127	6.116	53.848	12.441
4	0.197	5.014	29.992	3.660	32	0.125	6.116	53.848	12.441
5	0.190	5.017	29.992	3.660	33	0.123	6.197	53.848	12.441
6	0.184	5.349	29.992	3.670	34	0.122	6.208	53.848	12.441
7	0.183	5.349	30.256	4.187	35	0.120	6.210	53.848	12.441
8	0.179	5.349	30.274	7.810	36	0.120	7.666	53.853	12.441
9	0.176	5.364	30.274	7.811	37	0.119	7.668	80.889	13.412
10	0.164	5.364	30.780	8.510	38	0.118	7.712	80.889	13.412
11	0.162	5.781	30.780	8.510	39	0.117	8.877	80.891	13.412
12	0.157	5.781	36.125	9.413	40	0.117	12.367	80.895	13.413
13	0.155	5.784	36.127	9.413	41	0.116	12.803	80.895	13.413
14	0.149	5.784	36.658	9.791	42	0.112	12.804	81.295	15.220
15	0.147	6.081	36.658	9.791	43	0.111	12.805	81.401	16.976
16	0.140	6.081	38.610	10.038	44	0.104	12.808	81.403	16.983
17	0.138	6.081	52.416	10.372	45	0.103	12.810	81.403	17.887
18	0.135	6.082	53.487	10.499	46	0.100	12.834	81.403	17.888
19	0.133	6.082	53.488	11.535	47	0.100	12.835	81.403	17.892
20	0.133	6.082	53.489	11.535	48	0.090	79.912	81.406	17.992
21	0.132	6.082	53.594	11.550	49	0.087	79.913	81.859	22.686
22	0.132	6.082	53.755	11.778	50	0.086	80.036	81.860	22.687
23	0.131	6.082	53.765	11.804	51	0.080	82.675	81.860	22.730
24	0.131	6.082	53.771	11.807	52	0.076	82.761	82.014	66.504
25	0.130	6.102	53.771	11.807	53	0.074	82.762	82.016	66.804
26	0.130	6.102	53.774	11.810	54	0.073	82.894	82.126	75.972
27	0.130	6.102	53.774	11.814	55	0.073	87.037	82.131	76.302
28	0.130	6.102	53.775	11.822	56	0.071	87.054	82.500	76.627

Mode	Period (sec)	SumUX (%)	SumUY (%)	SumRZ (%)	Mode	Period (sec)	SumUX (%)	SumUY (%)	SumRZ (%)
57	0.064	87.589	83.205	80.285	94	0.046	90.538	87.772	85.795
58	0.063	87.596	83.310	80.767	95	0.045	90.538	87.772	85.795
59	0.061	87.596	83.312	80.788	96	0.045	90.567	87.772	85.795
60	0.060	87.623	83.312	80.788	97	0.045	90.569	87.772	85.795
61	0.059	87.736	83.312	80.788	98	0.044	90.581	87.772	85.795
62	0.059	87.736	83.312	80.789	99	0.044	90.581	87.895	85.897
63	0.058	87.736	85.300	81.756	100	0.044	90.581	87.895	85.897
64	0.058	87.736	85.681	81.883	101	0.044	90.588	87.895	85.898
65	0.058	87.736	85.702	82.796	102	0.044	90.588	87.895	85.923
66	0.058	87.736	85.746	84.647	103	0.044	90.782	87.895	85.923
67	0.057	87.736	85.774	84.652	104	0.044	90.789	88.001	85.932
68	0.057	87.736	85.774	84.652	105	0.044	90.789	88.310	85.960
69	0.056	87.736	86.563	84.687	106	0.042	90.795	88.310	85.962
70	0.056	87.736	86.569	84.687	107	0.042	90.907	88.310	85.962
71	0.054	87.736	86.574	85.001	108	0.041	90.966	88.310	85.962
72	0.054	87.737	86.574	85.001	109	0.041	90.966	88.311	86.009
73	0.054	87.783	86.574	85.002	110	0.041	90.967	88.311	86.012
74	0.051	87.783	86.642	85.019	111	0.040	90.970	88.556	86.115
75	0.051	87.784	86.642	85.019	112	0.040	90.973	88.608	86.137
76	0.049	87.816	87.270	85.152	113	0.040	91.027	88.608	86.137
77	0.049	87.956	87.314	85.160	114	0.038	91.036	88.684	86.150
78	0.049	87.963	87.506	85.181	115	0.038	91.038	88.697	86.154
79	0.049	87.974	87.598	85.226	116	0.037	91.047	88.900	86.156
80	0.049	87.976	87.598	85.323	117	0.037	91.049	88.917	86.158
81	0.048	87.976	87.705	85.327	118	0.037	91.115	89.725	87.905
82	0.048	90.446	87.708	85.329	119	0.037	91.181	90.245	89.280
83	0.048	90.522	87.714	85.440	120	0.036	91.186	90.253	89.329
84	0.048	90.523	87.733	85.462	121	0.035	91.186	90.322	89.402
85	0.048	90.532	87.749	85.565	122	0.035	91.186	90.322	89.402
86	0.048	90.534	87.749	85.582	123	0.035	91.198	94.633	91.171
87	0.048	90.536	87.754	85.592	124	0.034	91.198	94.644	91.171
88	0.048	90.536	87.757	85.592	125	0.034	91.198	94.644	91.171
89	0.047	90.536	87.757	85.592	126	0.031	91.198	94.659	91.176
90	0.047	90.537	87.772	85.795	127	0.031	91.198	94.830	91.295
91	0.047	90.537	87.772	85.795	128	0.031	91.198	94.834	91.298
92	0.047	90.537	87.772	85.795	129	0.030	91.198	95.161	91.302
93	0.046	90.538	87.772	85.795	130	0.030	91.198	95.161	91.302

X 向模態 (T=0.090sec)



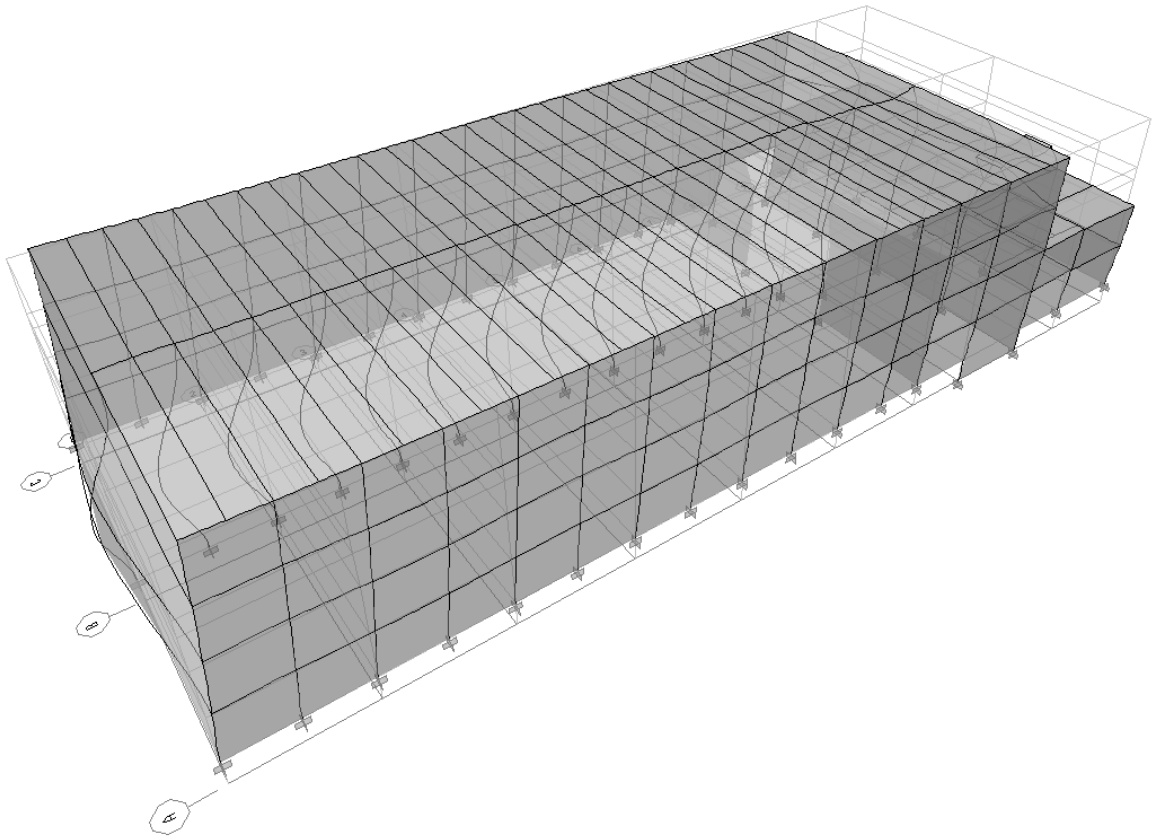


圖 41 X 向模態

Y 模態 (T=0.197sec)

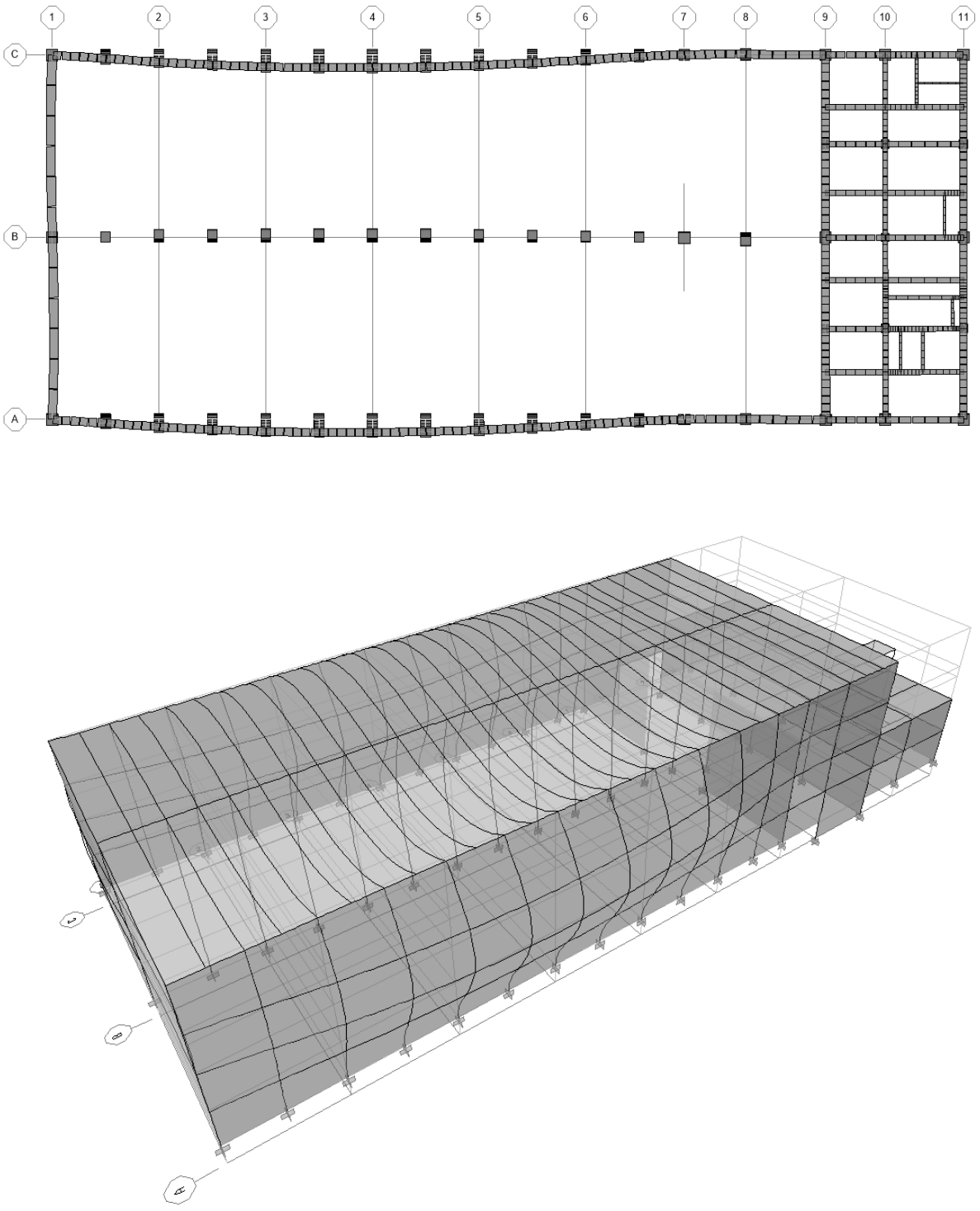


圖 42 Y 向模態

扭轉向模態 (T=0.076sec)

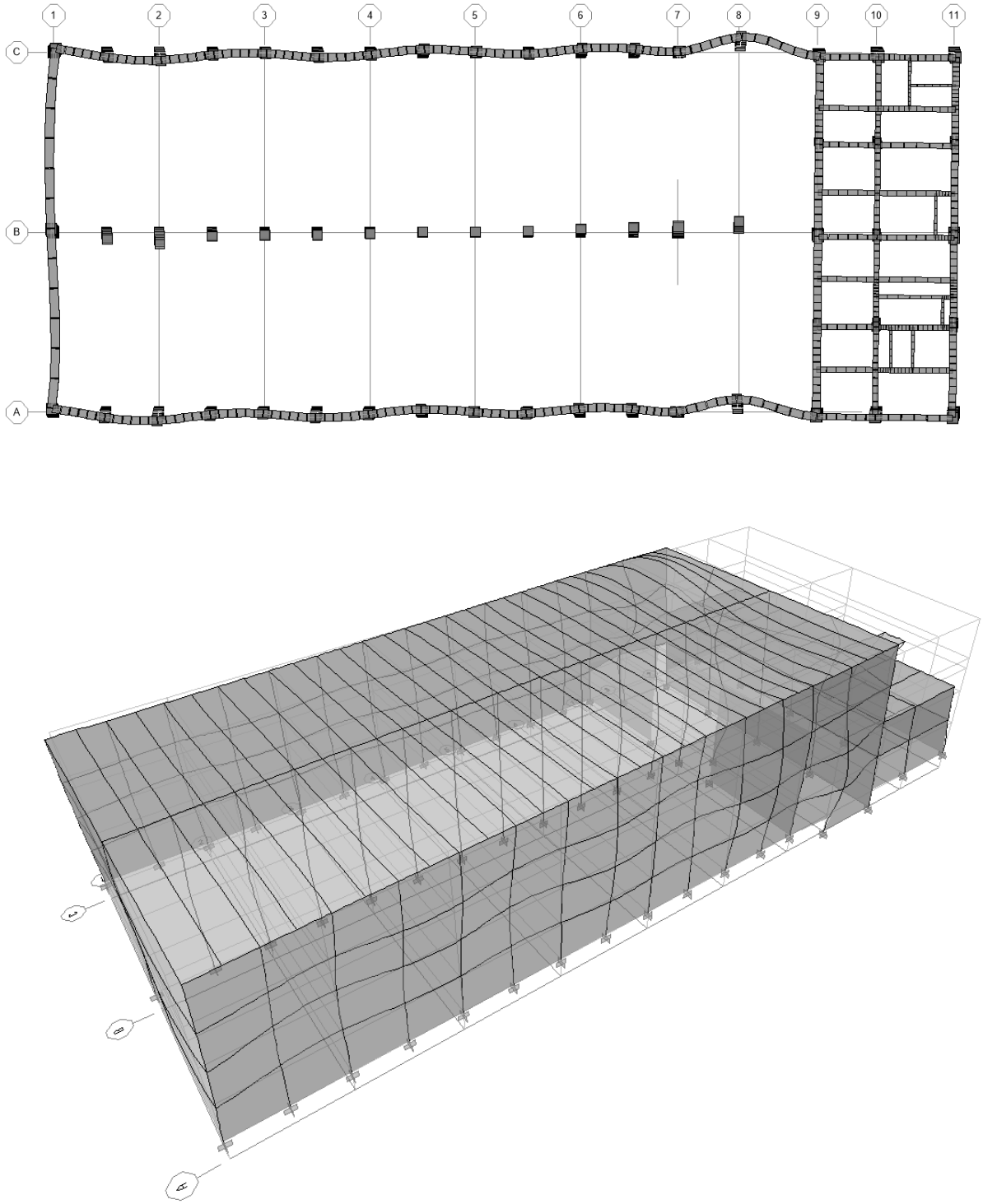


圖 43 扭轉向模態

十、 樓層重量計算

各樓層之柱、樑、版、牆重量如下表所示，結構總重為 46580 tf，除基礎版外之結構重量為 46580 – 18632 = 27948 tf。

表 21 各樓層重量表

樓層	柱重	樑重	版重	牆重	其他重量	樓層總重量	樓版面積	單位重
	tf	tf	tf	tf	tf	tf	m2	tf / m2
RF	420.9	3873.7	2996.3	1772.5	1426.8	10490.2	3567.0	2.94
4F	790.0	704.9	0.0	2958.3	27.2	4480.5	0.0	-
3F	795.1	1010.9	332.7	3295.8	173.3	5607.8	693.1	8.09
2F	835.6	995.8	305.0	2516.4	286.0	4938.8	635.5	7.77
1F	417.8	0.0	18632.0	1738.8	273.7	21062.3	4202.5	5.01
TOTAL	3259	6585	22266	12282	2187	46580	9098	5.12

各樓層靜載重詳細計算如下：

核一廠除役低放射性廢棄物貯存庫
建築物重量計算(地震力用)

1FL

項　目	W	×	A or L	個	=	小計
SLAB T=190CM	4.56		3833.5	1.00	=	17480.8
SLAB T=130CM	3.12		369	1.00	=	1151.3
C 120x120	3.456		2.5	4.00	=	34.56
C 110x120	3.168		2.5	29.00	=	229.68
C 115x115	3.174		2.5	12.00	=	95.22
C 90x90	1.944		2.5	12.00	=	58.32
RC外牆 W90	2.16		745	1.00	=	1609.20
RC外牆 W30	0.72		180	1.00	=	129.60
隔間牆	0.1		635.5	1.00	=	63.55
粉刷	0.05		4202.5	1.00	=	210.13

樓高=	5	m
本層面積A=	4202.5	m^2
重量小計ΣW=	21062.3	T
單位重量W/A=	5.012	T/m^2

2FL

項　目	W	×	A or L	個	=	小計
SLAB T=20CM	0.48		635.5	1.00	=	305.04
G 100x150	3.6		20.5	2.00	=	147.60
G 90x120	2.592		215	1.00	=	557.28
G 70x90	1.512		41	1.00	=	61.99
G 70X90	1.512		39.2	1.00	=	59.27
G 60x80	1.152		15.5	2.00	=	35.71
G 60x80	1.152		15.5	7.00	=	124.99
B 30x50	0.36		5	5.00	=	9.00
C 120x120	3.456		5	4.00	=	69.12
C 110x120	3.168		5	29.00	=	459.36
C 115x115	3.174		5	12.00	=	190.44
C 90x90	1.944		5	12.00	=	116.64
RC外牆 W90	2.16		1045	1.00	=	2257.20
RC外牆 W30	0.72		360	1.00	=	259.20
機房	1		635.5	0.25	=	158.88
隔間牆	0.1		635.5	1.00	=	63.55
粉刷、天花板及管線	0.1		635.5	1.00	=	63.55

樓高=	5	m
本層面積A=	635.5	m^2
重量小計ΣW=	4938.8	T
單位重量W/A=	7.772	T/m^2

3FL

項　目	W ×	A or L	個	=	小 計	樓高=	5	m
SLAB T=20CM	0.48	693.1	1.00	=	332.69	本層面積A=	693.1	m^2
G 100x150	3.6	20.5	2.00	=	147.60	重量小計ΣW=	5607.8	T
G 90x120	2.592	215	1.00	=	557.28	單位重量W/A=	8.091	T/m^2
G 70x90	1.512	41	1.00	=	61.99			
G 70X90	1.512	39.2	1.00	=	59.27			
G 60x80	1.152	15.5	2.00	=	35.71			
G 60x80	1.152	15.5	7.00	=	124.99			
B 40x60	0.576	8.8	1.00	=	5.07			
B 30x50	0.36	3.5	1.00	=	1.26			
G 30x50	0.36	24.6	2.00	=	17.71			
C 120x120	3.456	5	4.00	=	69.12			
C 110x120	3.168	5	29.00	=	459.36			
C 115x115	3.174	5	12.00	=	190.44			
C 90x90	1.944	5	2.00	=	19.44			
C 90x90	1.944	2.5	10.00	=	48.60			
C 50x50	0.6	3.4	4.00	=	8.16			
RC外牆 W90	2.16	1420	1.00	=	3067.20			
RC外牆 W30	0.72	256.2	1.00	=	184.46			
防水、隔熱層	0.2	693.1	1.00	=	138.62			
屋面板、管線	0.05	693.1	1.00	=	34.66			
RC女兒牆 15CM	0.36	122.58	1.00	=	44.13			

4FL

項　目	W ×	A or L	個	=	小 計	樓高=	5	m
						本層面積A=	0.0	m^2
G 100x150	3.6	20.5	2.00	=	147.60	重量小計ΣW=	4480.5	T
G 90x120	2.592	215	1.00	=	557.28	單位重量W/A=	-	T/m^2
C 120x120	3.456	5.35	4.00	=	73.96			
C 110x120	3.168	5.35	29.00	=	491.52			
C 115x115	3.174	5.35	12.00	=	203.77			
C 90x90	1.944	5.35	2.00	=	20.80			
RC外牆 W90	2.16	1369.6	1.00	=	2958.34			
吊車	108.840	1	0.25	=	27.21			

RFL

項　目	W ×	A or L	個	=	小 計	樓高=	5.7	m
SLAB T=35CM	0.84	3567	1	=	2996.28	本層面積A=	3567.0	m^2
G 90x120	2.592	41	29.00	=	3081.89	重量小計ΣW=	10490.2	T
G 90x120	2.592	41	1.00	=	106.27	單位重量W/A=	2.941	T/m^2
G 90x120	2.592	252	1.00	=	653.18			
G 100x150	3.6	9	1.00	=	32.40			
C 120x120	3.456	2.85	4.00	=	39.40			
C 110x120	3.168	2.85	29.00	=	261.84			
C 115x115	3.174	2.85	12.00	=	108.55			
C 90x90	1.944	2.85	2.00	=	11.08			
RC外牆 W90	2.16	729.6	1.00	=	1575.94			
RC女兒牆 20CM	0.48	409.6	1.00	=	196.61			
防水、隔熱層	0.2	3567	1.00	=	713.40			
屋面板、管線	0.05	3567	1.00	=	178.35			
太陽能板	0.15	3567	1.00	=	535.05			

十一、意外扭矩檢核

依據「建築物耐震設計規範及解說」2.14 節規定，計算意外扭矩放大係數 A_x。A_x<1 時，設計採用之意外偏心無須放大(仍為 5%)；A_x>1 時，設計採用之意外偏心則須放大 A_x 倍。

意外扭矩放大係數 $A_x=\left[\frac{\delta_{max}}{1.2\delta_{avg}}\right]^2 \le 3.0$

δ_{max}：為第 x 層最大位移

δ_{avg}：為第 x 層兩最外點位移之平均值

1. **靜力分析結果**

(1)容器儲存區

表 22 容器儲存區意外扭矩檢核(靜力分析)

X 向地震力作用並考慮+5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
RF	EL. 42.60	0.0880	0.0858	0.73	5%
X 向地震力作用並考慮-5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
RF	EL. 42.60	0.0874	0.0857	0.72	5%
Y 向地震力作用並考慮+5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
RF	EL. 42.60	0.1950	0.1908	0.73	5%
Y 向地震力作用並考慮-5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
RF	EL. 42.60	0.2044	0.1916	0.79	5%

(2)輔助區

表 23 輔助區意外扭矩檢核(靜力分析)

X 向地震力作用並考慮+5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
R1F	EL. 35.30	0.3276	0.3243	0.71	5%
3F	EL. 31.90	0.0592	0.0546	0.82	5%
2F	EL. 26.90	0.0398	0.0346	0.92	5%
X 向地震力作用並考慮-5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
R1F	EL. 35.30	0.3268	0.3253	0.70	5%
3F	EL. 31.90	0.0558	0.0543	0.73	5%
2F	EL. 26.90	0.0372	0.0342	0.82	5%
Y 向地震力作用並考慮+5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
R1F	EL. 35.30	0.2626	0.2600	0.71	5%
3F	EL. 31.90	0.0935	0.0900	0.75	5%
2F	EL. 26.90	0.0525	0.0503	0.76	5%
Y 向地震力作用並考慮-5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
R1F	EL. 35.30	0.2795	0.2533	0.85	5%
3F	EL. 31.90	0.0868	0.0823	0.77	5%
2F	EL. 26.90	0.0490	0.0461	0.78	5%

經檢核，Ax 值皆<1，設計之意外偏心為 5% (無須放大)。

2. **動力分析結果**

(1)容器儲存區

表 24 容器儲存區意外扭矩檢核(動力分析)

X 向地震力作用並考慮+5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
RF	EL. 42.60	0.0780	0.0768	0.72	5%
X 向地震力作用並考慮-5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
RF	EL. 42.60	0.0780	0.0768	0.72	5%
Y 向地震力作用並考慮+5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
RF	EL. 42.60	0.1565	0.1536	0.72	5%
Y 向地震力作用並考慮-5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
RF	EL. 42.60	0.1565	0.1536	0.72	5%

(2)輔助區

表 25 輔助區意外扭矩檢核(動力分析)

X 向地震力作用並考慮+5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
R1F	EL. 35.30	0.4965	0.4950	0.70	5%
3F	EL. 31.90	0.0695	0.0642	0.81	5%
2F	EL. 26.90	0.0470	0.0408	0.92	5%
X 向地震力作用並考慮-5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
R1F	EL. 35.30	0.4965	0.4950	0.70	5%
3F	EL. 31.90	0.0695	0.0642	0.81	5%
2F	EL. 26.90	0.0470	0.0408	0.92	5%

Y向地震力作用並考慮+5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
R1F	EL. 35.30	0.5318	0.5056	0.77	5%
3F	EL. 31.90	0.0732	0.0704	0.75	5%
2F	EL. 26.90	0.0416	0.0397	0.76	5%
Y向地震力作用並考慮-5%意外偏心					
樓層	高程	δ max (cm)	δ avg (cm)	Ax	設計採用意外偏心
R1F	EL. 35.30	0.5318	0.5056	0.77	5%
3F	EL. 31.90	0.0732	0.0704	0.75	5%
2F	EL. 26.90	0.0416	0.0397	0.76	5%

經檢核，Ax 值皆<1，設計之意外偏心為 5% (無須放大)。

十二、層間相對位移與碰撞距離檢核

層間相對位移檢核

依據「建築物耐震設計規範及解說」2.16 節之規定計算如下，用途係數大於 1.0 之建築物，亦可以 I=1.0 所得之地震力計算位移。建築物在地震力作用下之層間變位角應小於 0.005。

■檢核層間相對側向位移之地震力

式中：

$V = (I F_u / 4.2)(S_{aD}/F_u)_m W$

(1)用途係數得按1.0計算

(2)基本振動週期得以結構力學方法計算

(3)S_{aD}可以不受需大於等於0.4S_{DS}之限制

其中

I	=	1.00				
$T_{x,dyn}$	=	0.0900	sec			
$S_{aD,x}$	=	0.425				
F_{ux}	=	1.835				
$(S_{aD,x}/F_{ux})_m$	=	0.232				
V_x	=	$(I F_u / 4.2)(S_{aD}/F_u)_m$ W	=	0.1012	W	
$T_{y,dyn}$	=	0.1970	sec			
$S_{aD,y}$	=	0.500				
F_{uy}	=	2.113				
$(S_{aD,y}/F_{uy})_m$	=	0.237				
V_y	=	$(I F_u / 4.2)(S_{aD}/F_u)_m$ W	=	0.1190	W	

1. **靜力分析結果**

(1)容器儲存區

表 26 容器儲存區層間變位角檢核(靜力分析)

X 向地震力作用並考慮+5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
RF	EL. 42.60	0.0296	0.01	OK
X 向地震力作用並考慮-5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
RF	EL. 42.60	0.0294	0.01	OK
Y 向地震力作用並考慮+5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
RF	EL. 42.60	0.0771	0.04	OK
Y 向地震力作用並考慮-5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
RF	EL. 42.60	0.0808	0.04	OK

(2)輔助區

表 27 輔助區層間變位角檢核(靜力分析)

X 向地震力作用並考慮+5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
R1F	EL. 35.30	0.1101	0.27	OK
3F	EL. 31.90	0.0199	0.01	OK
2F	EL. 26.90	0.0134	0.03	OK

X向地震力作用並考慮-5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
R1F	EL. 35.30	0.1099	0.27	OK
3F	EL. 31.90	0.0187	0.01	OK
2F	EL. 26.90	0.0125	0.03	OK
Y向地震力作用並考慮+5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
R1F	EL. 35.30	0.1038	0.20	OK
3F	EL. 31.90	0.0369	0.03	OK
2F	EL. 26.90	0.0208	0.04	OK
Y向地震力作用並考慮-5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
R1F	EL. 35.30	0.1105	0.22	OK
3F	EL. 31.90	0.0343	0.03	OK
2F	EL. 26.90	0.0193	0.04	OK

經檢核，建築物在地震力作用下之層間變位角皆小於 5‰，符合規範對於最大層間變位角之限制要求。

2. **動力分析結果**

(1)容器儲存區

表 28 容器儲存區層間變位角檢核(動力分析)

X向地震力作用並考慮+5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
RF	EL. 42.60	0.0262	0.01	OK

X向地震力作用並考慮-5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
RF	EL. 42.60	0.0262	0.01	OK
Y向地震力作用並考慮+5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
RF	EL. 42.60	0.0619	0.03	OK
Y向地震力作用並考慮-5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
RF	EL. 42.60	0.0619	0.03	OK

(2)輔助區

表 29 輔助區層間變位角檢核(動力分析)

X向地震力作用並考慮+5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
R1F	EL. 35.30	0.1669	0.42	OK
3F	EL. 31.90	0.0234	0.02	OK
2F	EL. 26.90	0.0158	0.03	OK
X向地震力作用並考慮-5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
R1F	EL. 35.30	0.1669	0.42	OK
3F	EL. 31.90	0.0234	0.02	OK
2F	EL. 26.90	0.0158	0.03	OK

Y向地震力作用並考慮+5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
R1F	EL. 35.30	0.2102	0.53	OK
3F	EL. 31.90	0.0289	0.02	OK
2F	EL. 26.90	0.0164	0.03	OK
Y向地震力作用並考慮-5%意外偏心				
樓層	高程	檢核層間變位之地震力		Check
		δmax (cm)	最大層間變位角(‰)	
R1F	EL. 35.30	0.2102	0.53	OK
3F	EL. 31.90	0.0289	0.02	OK
2F	EL. 26.90	0.0164	0.03	OK

經檢核，建築物在地震力作用下之層間變位角皆小於 5‰，符合規範對於最大層間變位角之限制要求。

碰撞距離檢核

1. 靜力分析結果

設計地震力作用所產生之建築物外緣最大位移 δmax,x = 0.328 cm，δmax,y = 0.204 cm，建築物間隔檢核計算如下：

■建築物間隔之檢核						
為避免地震發生時，造成鄰棟建築物間互相碰撞，建築物應自留設最小間隔						
最小間隔 D =	0.6*1.4$\alpha_y$$R_a$（設計地震之設計地震力作用下產生之位移）					
	式中 ：按對應之設計地震力V=(I / 1.4α_y) (S_{aD} /F_u)$_m$ W					
	需要考慮P-Δ效應者，計算之位移應包含此效應					
起始降伏放大倍數 α_y =	1.00					
考慮計算位移 δx =	0.328	cm …X向				
Ra =	2.733					
留設最小間隔 =	0.6*1.4*1.00*2.73*0.33cm		=	0.752	cm	
考慮計算位移 δy =	0.204	cm …Y向				
Ra =	2.733					
留設最小間隔 =	0.6*1.4*1.00*2.73*0.20cm		=	0.469	cm	

與鄰近建築物需間隔至少 0.752 cm (X 向)及 0.469 cm (Y 向)。另因本案周圍無其餘建築物，故無與鄰棟建築物間之碰撞疑慮。

2. 動力分析結果

建築物外緣最大位移 δmax,x = 0.497 cm，δmax,y = 0.157 cm，建築物間隔檢核計算如下：

■建築物間隔之檢核						
為避免地震發生時，造成鄰棟建築物間互相碰撞，建築物應自留設最小間隔						
最小間隔 D =	0.6*1.4$\alpha_y$$R_a$（設計地震之設計地震力作用下產生之位移）					
	式中 ：按對應之設計地震力V=(I / 1.4α_y) (S_{aD} /F_u)$_m$ W					
	需要考慮P-Δ效應者，計算之位移應包含此效應					
起始降伏放大倍數 α_y =	1.00					
考慮計算位移 δx =	0.497	cm …X向				
Ra =	2.733					
留設最小間隔 =	0.6*1.4*1.00*2.73*0.50cm		=	1.140	cm	
考慮計算位移 δy =	0.157	cm …Y向				
Ra =	2.733					
留設最小間隔 =	0.6*1.4*1.00*2.73*0.16cm		=	0.359	cm	

與鄰近建築物需間隔至少 1.140 cm (X 向)及 0.359 cm (Y 向)。另因本案周圍無其餘建築物，故無與鄰棟建築物間之碰撞疑慮。

十三、勁度不規則性及強度不連續性檢核

依據「建築物耐震設計規範及解說」，檢討勁度不規則性。軟層係指該層之側向勁度低於其上一層之 70%或其上三層平均勁度之 80%；極限層係指該層之側向勁度低於其上一層之 60%或其上三層平均勁度之 70%。依樓層勁度，檢核結果顯示本案無明顯軟層或極軟層之狀況，詳細結果計算如下所示：

表 30 勁度不規則檢核表

X向		軟層檢核				極軟層檢核			
樓層	樓層勁度 (tf/m)	與上一層勁度之比值	>70% 檢核結果	與上三層勁度平均值之比值	>80% 檢核結果	與上一層勁度之比值	>60% 檢核結果	與上三層勁度平均值之比值	>70% 檢核結果
RF	3159933	-	-	-	-	-	-	-	-
4F	3064462	97.0%	OK	-	-	97.0%	OK	-	-
3F	3415084	111.4%	OK	-	-	111.4%	OK	-	-
2F	6781967	198.6%	OK	211.1%	OK	198.6%	OK	211.1%	OK

Y向		軟層檢核				極軟層檢核			
樓層	樓層勁度 (tf/m)	與上一層勁度之比值	>70% 檢核結果	與上三層勁度平均值之比值	>80% 檢核結果	與上一層勁度之比值	>60% 檢核結果	與上三層勁度平均值之比值	>70% 檢核結果
RF	5077721	-	-	-	-	-	-	-	-
4F	6259938	123.3%	OK	-	-	123.3%	OK	-	-
3F	6944463	110.9%	OK	-	-	110.9%	OK	-	-
2F	10134809	145.9%	OK	166.3%	OK	145.9%	OK	166.3%	OK

依據「建築物耐震設計規範及解說」2.17 節，計算各層之極限層剪力強度，並檢討強度不連續性。弱層係指該層之強度與該層設計層剪力的比值低於其上一層之 80%者。各樓層檢核結果如下所示，本案無明顯弱層之狀況。

表 31 強度不連續檢核表

X向				弱層檢核	
樓層	Ve (tf)	Vp (tf)	Vp / Ve	Vp / Ve與上一層之比值	>80% 檢核結果
RF	5003.1	10675.7	2.13	-	-
4F	6551.5	11740.7	1.79	84.0%	OK
3F	7843.6	12507.7	1.59	89.0%	OK
2F	8412.5	12570.9	1.49	93.7%	OK

Y向				弱層檢核	
樓層	Ve (tf)	Vp (tf)	Vp / Ve	Vp / Ve與上一層之比值	>80% 檢核結果
RF	5006.4	8022.7	1.60	-	-
4F	6555.9	11954.0	1.82	113.8%	OK
3F	7848.8	13936.7	1.78	97.4%	OK
2F	8418.1	13916.6	1.65	93.1%	OK

十四、樑桿件設計

各桿件配筋結果詳見「二十三、電腦報表輸出」。各桿件尺寸皆舉一配筋需求最大者為示範例進行設計及鋼筋配置如下。

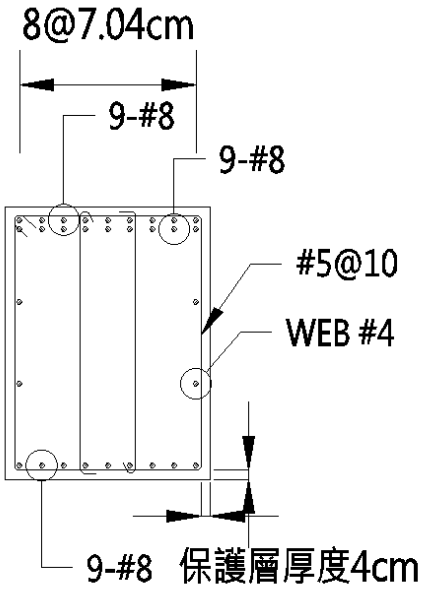
1. 樑尺寸 70cm X 90cm (樑編號 : 2G1~2G8, 3G1~3G8)以 2G1 設計為例

編號 :	2G1	70	x	90			
f'c =	350	kgf/cm^2					
fy =	4200	kgf/cm^2					
樑寬 b =	70	cm					
樑深 h =	90	cm					
保護層厚度 =	4	cm					
d' =	12	cm					
有效深度 d =	78	cm					
軸力 Pu =	0	tf					
設計彎矩	END-I	MID	END-J				
Mu- (tf-m)	213.649	59.025	236.098				
Mu+ (tf-m)	106.824	122.043	118.049				
設計剪力	END-I	MID	END-J				
Vu- (tf)	89.296	74.174	93.636				
斷面檢核							
a. 設計軸壓不超過0.1f'cAg							
Pu =	0	tf <	220.5	tf	OK!		
b. 淨跨距不得少於四倍有效樑深							
ln =	9.35	m > 4d =	3.12	m	OK!		
c. 寬深比不得小於0.3，且樑寬不得小於25cm							
b/h =	0.778	>	0.3		OK!		
d. 樑寬不得超過其下支承柱的寬度+兩邊外伸長度，任一外伸長度不得超過柱深之1/4；							
寬亦不得超過柱寬之兩倍							
b =	70	cm < b,col + 2h,col/4 =		135	cm	OK!	
b =	70	cm < 2b,col =		180	cm	OK!	

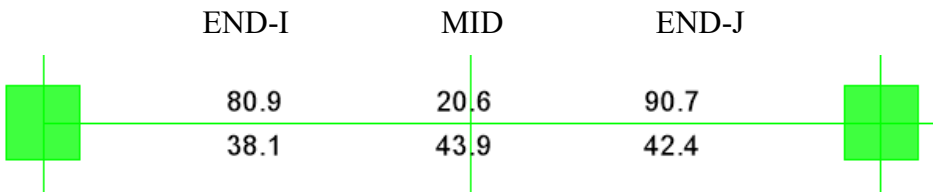
撓曲設計						
	END-I		MID		END-J	
	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
Mu (tf-m)	213.649	106.824	59.025	122.043	236.098	118.049
β1	0.8	0.8	0.8	0.8	0.8	0.8
ψ	0.9	0.9	0.9	0.9	0.9	0.9
a (cm)	16.32	7.69	4.15	8.85	18.30	8.54
c (cm)	20.40	9.61	5.18	11.06	22.87	10.68
εt	0.0085	0.0214	0.0421	0.0182	0.0072	0.0189
As,req (cm2)	80.930	38.109	20.566	43.883	90.716	42.358
ρ,req	1.28%	0.60%	0.33%	0.70%	1.44%	0.67%
As,min (cm2)	19.457	19.457	19.457	19.457	19.457	19.457
主筋採用	#8	#8	#8	#8	#8	#8
N (根數)	18	9	5	9	18	9
As,prop (cm2)	91.206	45.603	25.335	45.603	91.206	45.603
ρ,prop	1.45%	0.72%	0.40%	0.72%	1.45%	0.72%
CHECK	OK	OK	OK	OK	OK	OK
單排鋼筋數	9	9	5	9	9	9
主筋淨間距min	2.54	2.54	2.54	2.54	2.54	2.54
主筋淨間距	4.50	4.50	11.53	4.50	4.50	4.50
CHECK	OK	OK	OK	OK	OK	OK
剪力設計						
	END-I		END-J			
	TOP	BOTTOM	TOP	BOTTOM		
a (cm)	22.993	11.497	22.993	11.497		
Mp (tf-m)	318.439	172.982	318.439	172.982		
	END-I	MID	END-J			
Vp (tf)	52.558	52.558	52.558			
Vn (tf)	148.827	123.623	156.060			
Vc (tf)	0.000	0.000	0.000			
Vs (tf)	148.827	123.623	156.060			
(Av/S)req	0.454	0.377	0.476			
箍筋採用	#5	#5	#5			
N (根數)	4	4	4			
Smax (cm)	19.5	20.3	19.5			
Sreq (cm)	17.5	21.1	16.7			
Sprop (cm)	10	15	10			
CHECK	OK	OK	OK			

扭矩設計								
設計扭矩 Tu =	12.424	tf-m						
Acp =	6300	cm2						
pcp =	320	cm						
φTcr =	18.45	tf-m						
若 Tu	>	1/4*φTcr =	4.61	tf-m				
	需配置扭力鋼筋							
確認斷面尺寸								
A_{oh} =	3311.73	cm2						
ph =	233.64	cm						
$\sqrt{(\frac{V_u}{b_w d})^2+(\frac{T_u p_h}{1.7 A_{oh}^2})^2}$	=	23.328	<	$\phi(\frac{V_c}{b_w d}+2.12\sqrt{f'_c})$	=	49.577	OK!	
計算橫向扭力鋼筋								
Av / s =	0.483	cm2 / cm						
At / s = Tu / (1.7φA_{oh}fy) =	0.0701	cm2 / cm						
(Av+t / s)min =	0.062361	cm2 / cm						
Av+t / s = Av / s + 2At / s =	0.6227	cm2 / cm	>	(Av+t/s)min	OK			
Av+t =	4	Ab	sv+t =	12.76	cm			
At =	1	Ab	st =	28.35	cm			
取 s =	10	cm	< MAX(ph/8 , 30) =	29.205	cm	OK		
計算縱向扭力鋼筋								
Al =	16.37	cm2						
Al,min =	20.96	cm2						
採用	2	- 2 *	#4					
Al,prop =	25.34	cm2	> Al,min	OK				
間距 s =	21.43	cm						

剖面配筋圖如下 ：



ETABS :



Longitudinal reinforcing (cm^2)

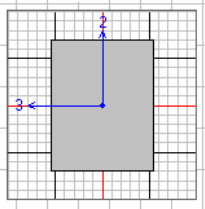


Shear reinforcing (cm^2/cm)

Concrete Design Information ACI 318-08/IBC 2009

File

Units Ton-m



ACI 318-08/IBC 2009 BEAM SECTION DESIGN Type:Sway Special Units: Ton-m (Envelope)

Level	: 2F	L=10.250			
Element	: B18	D=0.900	B=0.700	bf=0.700	
Section ID	: G70X90	ds=0.000	dct=0.120	dcb=0.120	
		E=2244994.000	fc=3500.000	Lt.Wt. Fac.=1.000	
		fy=42000.000	fys=42000.000		

Phi(Bending):	0.900
Phi(Shear):	0.750
Phi(Seis Shear):	0.600
Phi(Torsion):	0.750

Flexural Reinforcement for Major Axis Moment

End-I		Middle		End-J		
Rebar Area	Rebar %	Rebar Area	Rebar %	Rebar Area	Rebar %	
0.008	1.285	0.002	0.326	0.009	1.440	Top (+2 Axis)
0.004	0.605	0.004	0.697	0.004	0.672	Bot (-2 Axis)
Design Mu	Station Loc	Design Mu	Station Loc	Design Mu	Station Loc	
-213.649	0.450	-59.025	7.063	-236.098	9.800	Top (+2 Axis)
106.824	0.450	122.043	5.238	118.049	9.800	Bot (-2 Axis)
Controlling Combo		Controlling Combo		Controlling Combo		
U5EYA		U5EYA		U5EYA		Top (+2 Axis)
U5EYA		U5EYB		U5EYA		Bot (-2 Axis)

Shear Reinforcement for Major Shear (V2)

End-I		Middle		End-J	
Rebar Av/s		Rebar Av/s		Rebar Av/s	
0.005		0.004		0.005	
Design Vu	Station Loc	Design Vu	Station Loc	Design Vu	Station Loc
89.296	0.450	74.174	7.063	93.636	9.800
Controlling Combo		Controlling Combo		Controlling Combo	
U5EYA		U5EYA		U5EYA	

Torsion Reinforcement

Shear		Longitudinal	
Rebar At/s		Rebar Al	
4.681E-04		0.003	
Design Tu	Station Loc	Design Tu	Station Loc
12.424	9.800	12.424	9.800
Controlling Combo		Controlling Combo	
U5EXA		U5EXA	

2. 樑尺寸 60cm X 80cm (樑編號 : 2B1~2B4, 3B1~3B4, 2b1~2b2, 3b1~3b2)以 2b2 為例

編號：	2b2	60	x	80	
f'c =	350	kgf/cm^2			
fy =	4200	kgf/cm^2			
樑寬 b =	60	cm			
樑深 h =	80	cm			
保護層厚度 =	4	cm			
d' =	7	cm			
有效深度 d =	73	cm			
軸力 Pu =	0	tf			
設計彎矩	END-I	MID	END-J		
Mu- (tf-m)	42.588	27.029	108.116		
Mu+ (tf-m)	27.029	54.357	54.058		
設計剪力	END-I	MID	END-J		
Vu- (tf)	35.754	34.58	51.512		
斷面檢核					
a. 設計軸壓不超過0.1f'cAg					
Pu =	0	tf <	168	tf	OK!
b. 淨跨距不得少於四倍有效樑深					
ln =	8.1	m > 4d =	2.92	m	OK!
c. 寬深比不得小於0.3，且樑寬不得小於25cm					
b/h =	0.750	>	0.3		OK!

撓曲設計

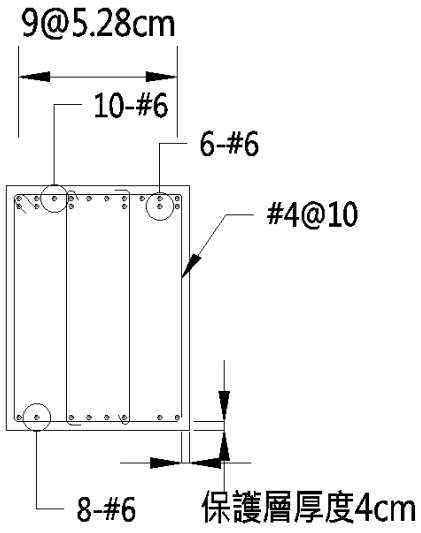
	END-I		MID		END-J	
	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
Mu (tf-m)	42.588	27.029	27.029	54.357	108.116	54.058
β1	0.8	0.8	0.8	0.8	0.8	0.8
ψ	0.9	0.9	0.9	0.9	0.9	0.9
a (cm)	3.73	2.34	2.34	4.79	9.89	4.77
c (cm)	4.66	2.93	2.93	5.99	12.36	5.96
εt	0.0440	0.0718	0.0718	0.0336	0.0147	0.0338
As,req (cm2)	15.838	9.955	9.955	20.367	42.028	20.251
ρ,req	0.33%	0.21%	0.21%	0.42%	0.88%	0.42%
As,min (cm2)	15.608	13.273	13.273	15.608	15.608	15.608
主筋採用	#6	#6	#6	#6	#6	#6
N (根數)	10	6	6	10	16	8
As,prop (cm2)	28.65	17.19	17.19	28.65	45.84	22.92
ρ,prop	0.60%	0.36%	0.36%	0.60%	0.96%	0.48%
CHECK	OK	OK	OK	OK	OK	OK
單排鋼筋數	10	6	6	10	10	8
主筋淨間距min	2.5	2.5	2.5	2.5	2.5	2.5
主筋淨間距	3.37	7.60	7.60	3.37	3.37	4.88
CHECK	OK	OK	OK	OK	OK	OK

剪力設計

	END-I	MID	END-J
Vp (tf)	30.030	30.030	30.030
Vn (tf)	47.672	46.107	85.853
Vc (tf)	0.000	0.000	0.000
Vs (tf)	47.672	46.107	85.853
(Av/S)req	0.155	0.150	0.280
箍筋採用	#4	#4	#4
N (根數)	4	4	4
Smax (cm)	15.3	15.3	15.3
Sreq (cm)	32.6	33.7	18.1
Sprop (cm)	10	15	10
CHECK	OK	OK	OK

扭矩設計				
設計扭矩 Tu =	0.965	tf-m		
Acp =	4800	cm2		
pcp =	280	cm		
φTcr =	12.24	tf-m		
若 Tu	<	1/4*φTcr =	3.06	tf-m
	可不計扭力之影響			

剖面配筋圖如下 ：



ETABS :

END-I	MID	END-J
15.8	13.3	42.0
13.3	20.4	20.3

Longitudinal reinforcing (cm^2)

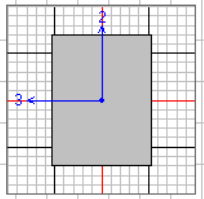
END-I	MID	END-J
0.16	0.15	0.28

Shear reinforcing (cm^2/cm)

Concrete Design Information ACI 318-08/IBC 2009

File

Units Ton-m



ACI 318-08/IBC 2009 BEAM SECTION DESIGN Type:Sway Special Units: Ton-m (Envelope)

Level	: 2F	L=8.800			
Element	: B21	D=0.800	B=0.600	bf=0.600	
Section ID	: B60X80	ds=0.000	dct=0.070	dcb=0.070	
		E=2244994.000	fc=3500.000	Lt.Wt. Fac.=1.000	
		fy=42000.000	fys=42000.000		

Phi(Bending):	0.900
Phi(Shear):	0.750
Phi(Seis Shear):	0.600
Phi(Torsion):	0.750

Flexural Reinforcement for Major Axis Moment

End-I		Middle		End-J		
Rebar Area	Rebar %	Rebar Area	Rebar %	Rebar Area	Rebar %	
0.002	0.330	0.001	0.277	0.004	0.876	Top (+2 Axis)
0.001	0.277	0.002	0.424	0.002	0.422	Bot (-2 Axis)
Design Mu	Station Loc	Design Mu	Station Loc	Design Mu	Station Loc	
-42.588	0.000	-27.029	6.513	-108.116	8.800	Top (+2 Axis)
27.029	1.725	54.357	4.225	54.058	8.800	Bot (-2 Axis)
Controlling Combo		Controlling Combo		Controlling Combo		
U2		U2		U2		Top (+2 Axis)
U2		U2		U2		Bot (-2 Axis)

Shear Reinforcement for Major Shear (V2)

End-I		Middle		End-J	
Rebar Av/s		Rebar Av/s		Rebar Av/s	
0.002		0.002		0.003	
Design Vu	Station Loc	Design Vu	Station Loc	Design Vu	Station Loc
35.754	0.000	34.580	6.513	51.512	8.800
Controlling Combo		Controlling Combo		Controlling Combo	
U5DYB		U5DYB		U5DXB	

Torsion Reinforcement

Shear		Longitudinal	
Rebar At/s		Rebar Al	
0.000		0.000	
Design Tu	Station Loc	Design Tu	Station Loc
0.965	8.800	0.965	8.800
Controlling Combo		Controlling Combo	
U2		U2	

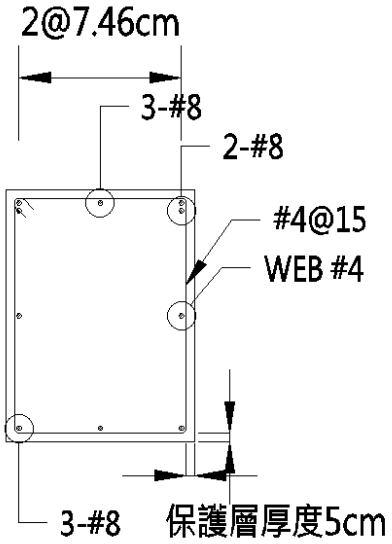
3. 樑尺寸 30cm X 50cm (樑編號 : 3G9, 3B5, 2g1, 2g2)以 3B5 為例

編號 :	3B5	30	x	50			
f'c =	350	kgf/cm^2					
fy =	4200	kgf/cm^2					
樑寬 b =	30	cm					
樑深 h =	50	cm					
保護層厚度 =	5	cm					
d' =	7	cm					
有效深度 d =	43	cm					
軸力 Pu =	0	tf					
設計彎矩	END-I	MID	END-J				
Mu- (tf-m)	24.062	5.88	28.167				
Mu+ (tf-m)	12.031	11.969	14.083				
設計剪力	END-I	MID	END-J				
Vu- (tf)	14.340	6.205	15.266				
斷面檢核							
a. 設計軸壓不超過0.1f'cAg							
Pu =	0	tf <	52.5	tf	OK!		
b. 淨跨距不得少於四倍有效樑深							
ln =	8.5	m > 4d =	1.72	m	OK!		
c. 寬深比不得小於0.3，且樑寬不得小於25cm							
b/h =	0.600	>	0.3		OK!		
d. 樑寬不得超過其下支承柱的寬度+兩邊外伸長度，任一外伸長度不得超過柱深之1/4；							
寬亦不得超過柱寬之兩倍							
b =	30	cm < b,col + 2h,col/4 =		75	cm	OK!	
b =	30	cm < 2b,col =		100	cm	OK!	

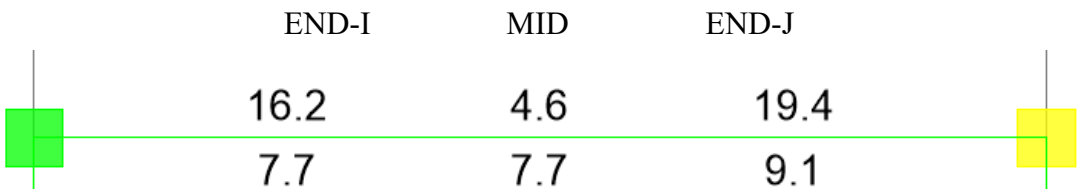
撓曲設計						
	END-I		MID		END-J	
	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
Mu (tf-m)	24.062	12.031	5.88	11.969	28.167	14.083
β1	0.8	0.8	0.8	0.8	0.8	0.8
ψ	0.9	0.9	0.9	0.9	0.9	0.9
a (cm)	7.65	3.64	1.74	3.62	9.12	4.29
c (cm)	9.56	4.55	2.17	4.52	11.40	5.36
εt	0.0105	0.0254	0.0564	0.0255	0.0083	0.0210
As,req (cm2)	16.248	7.729	3.692	7.687	19.386	9.119
ρ,req	1.08%	0.52%	0.25%	0.51%	1.29%	0.61%
As,min (cm2)	4.597	4.597	4.597	4.597	4.597	4.597
主筋採用	#8	#8	#8	#8	#8	#8
N (根數)	5	3	3	3	5	3
As,prop (cm2)	25.335	15.201	15.201	15.201	25.335	15.201
ρ,prop	1.69%	1.01%	1.01%	1.01%	1.69%	1.01%
CHECK	OK	OK	OK	OK	OK	OK
單排鋼筋數	3	3	3	3	3	3
主筋淨間距min	2.54	2.54	2.54	2.54	2.54	2.54
主筋淨間距	4.92	4.92	4.92	4.92	4.92	4.92
CHECK	OK	OK	OK	OK	OK	OK
剪力設計						
	END-I	MID	END-J			
Vp (tf)	9.180	9.180	9.180			
Vn (tf)	23.900	14.688	25.443			
Vc (tf)	0.000	0.000	0.000			
Vs (tf)	23.900	14.688	25.443			
(Av/S)req	0.132	0.081	0.141			
箍筋採用	#4	#4	#4			
N (根數)	2	2	2			
Smax (cm)	20.3	20.3	20.3			
Sreq (cm)	19.1	31.2	18.0			
Sprop (cm)	15	20	15			
CHECK	OK	OK	OK			

扭矩設計				
設計扭矩 Tu =	0.199	tf-m		
Acp =	1500	cm2		
pcp =	160	cm		
φTcr =	2.09	tf-m		
若 Tu	<	1/4*φTcr =	0.52	tf-m
	可不計扭力之影響			

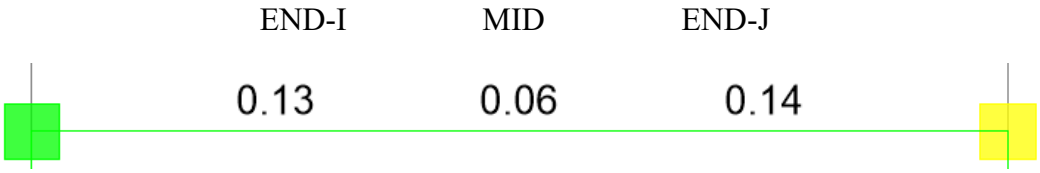
剖面配筋圖如下 ：



ETABS :



Longitudinal reinforcing (cm^2)



Shear reinforcing (cm^2/cm)

Concrete Design Information ACI 318-08/IBC 2009

File

Units Ton-m

ACI 318-08/IBC 2009 BEAM SECTION DESIGN Type:Sway Special Units: Ton-m (Envelope)

Level	: 4F	L=8.800			
Element	: B60	D=0.500	B=0.300	bf=0.300	
Section ID	: G30X50	ds=0.000	dct=0.070	dcb=0.070	
		E=2244994.000	fc=3500.000	Lt.Wt. Fac.=1.000	
		fy=42000.000	fys=42000.000		

Phi(Bending):	0.900
Phi(Shear):	0.750
Phi(Seis Shear):	0.600
Phi(Torsion):	0.750

Flexural Reinforcement for Major Axis Moment

End-I Rebar Area	End-I Rebar %	Middle Rebar Area	Middle Rebar %	End-J Rebar Area	End-J Rebar %	
0.002	1.083	4.571E-04	0.305	0.002	1.292	Top (+2 Axis)
7.729E-04	0.515	7.687E-04	0.512	9.120E-04	0.608	Bot (-2 Axis)

End-I Design Mu	End-I Station Loc	Middle Design Mu	Middle Station Loc	End-J Design Mu	End-J Station Loc	
-24.062	0.250	-5.880	6.109	-28.167	8.550	Top (+2 Axis)
12.031	0.250	11.969	4.156	14.083	8.550	Bot (-2 Axis)

End-I Controlling Combo	Middle Controlling Combo	End-J Controlling Combo	
U5DXA	U5DXB	U5DXA	Top (+2 Axis)
U5DXA	U5DXB	U5DXA	Bot (-2 Axis)

Shear Reinforcement for Major Shear (V2)

End-I Rebar Av/s	Middle Rebar Av/s	End-J Rebar Av/s
0.001	5.726E-04	0.001

End-I Design Vu	End-I Station Loc	Middle Design Vu	Middle Station Loc	End-J Design Vu	End-J Station Loc
14.340	0.250	6.205	6.109	15.266	8.550

End-I Controlling Combo	Middle Controlling Combo	End-J Controlling Combo
U5DXA	U7DXA	U5DXA

Torsion Reinforcement

Shear Rebar At/s	Longitudinal Rebar Al
0.000	0.000

Design Tu	Station Loc	Design Tu	Station Loc
0.199	8.550	0.199	8.550

Controlling Combo	Controlling Combo
U7DYA	U7DYA

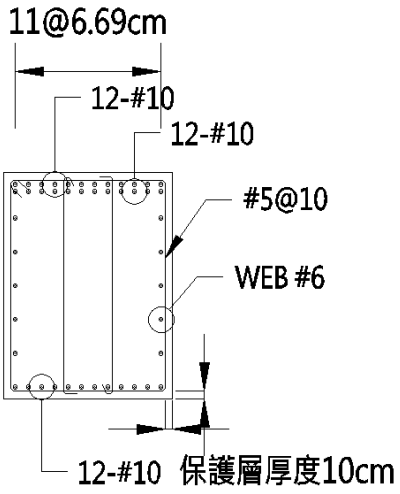
4. 樑尺寸 100cm X 150cm (樑編號 : 2WG1~2WG2, 3WG1~3WG2, 4WG1~4WG2, RB15)以 4WG2 為例

編號 :	4WG2	100	x	150			
f'c =	350	kgf/cm^2					
fy =	4200	kgf/cm^2					
樑寬 b =	100	cm					
樑深 h =	150	cm					
保護層厚度 =	10	cm					
d' =	13	cm					
有效深度 d =	137	cm					
軸力 Pu =	0	tf					
設計彎矩	END-I	MID	END-J				
Mu- (tf-m)	809.23	213.185	881.198				
Mu+ (tf-m)	404.615	293.432	440.599				
設計剪力	END-I	MID	END-J				
Vu- (tf)	178.118	112.715	184.089				
斷面檢核							
a. 設計軸壓不超過0.1f'cAg							
Pu =	0	tf <	525	tf	OK!		
b. 淨跨距不得少於四倍有效樑深							
ln =	19.3	m > 4d =	5.48	m	OK!		
c. 寬深比不得小於0.3，且樑寬不得小於25cm							
b/h =	0.667	>	0.3		OK!		
d. 樑寬不得超過其下支承柱的寬度+兩邊外伸長度，任一外伸長度不得超過柱深之1/4；							
寬亦不得超過柱寬之兩倍							
b =	100	cm < b,col + 2h,col/4 =		180	cm	OK!	
b =	100	cm < 2b,col =		240	cm	OK!	

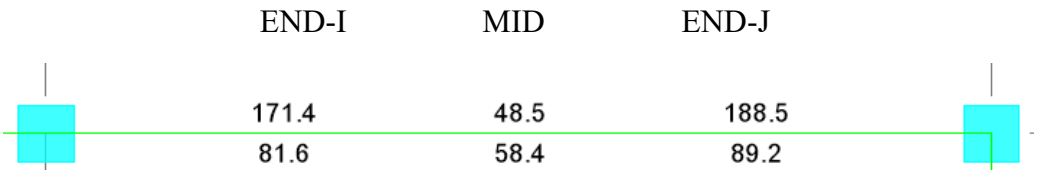
撓曲設計						
	END-I		MID		END-J	
	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
Mu (tf-m)	809.23	404.615	213.185	293.432	881.198	440.599
β1	0.8	0.8	0.8	0.8	0.8	0.8
ψ	0.9	0.9	0.9	0.9	0.9	0.9
a (cm)	24.20	11.51	5.94	8.25	26.61	12.59
c (cm)	30.25	14.39	7.43	10.31	33.26	15.74
εt	0.0106	0.0256	0.0523	0.0369	0.0094	0.0231
As,req (cm2)	171.401	81.559	42.079	58.421	188.462	89.178
ρ,req	1.14%	0.54%	0.28%	0.39%	1.26%	0.59%
As,min (cm2)	48.820	48.820	48.820	48.820	48.820	48.820
主筋採用	#10	#10	#10	#10	#10	#10
N (根數)	24	12	8	8	24	12
As,prop (cm2)	195.432	97.716	65.144	65.144	195.432	97.716
ρ,prop	1.30%	0.65%	0.43%	0.43%	1.30%	0.65%
CHECK	OK	OK	OK	OK	OK	OK
單排鋼筋數	12	12	8	8	12	12
主筋淨間距min	3.22	3.22	3.22	3.22	3.22	3.22
主筋淨間距	3.47	3.47	7.29	7.29	3.47	3.47
CHECK	OK	OK	OK	OK	OK	OK
剪力設計						
	END-I		END-J			
	TOP	BOTTOM	TOP	BOTTOM		
a (cm)	34.488	17.244	34.488	17.244		
Mp (tf-m)	1228.718	658.591	1228.718	658.591		
	END-I	MID	END-J			
Vp (tf)	97.788	97.788	97.788			
Vn (tf)	296.863	232.460	306.815			
Vc (tf)	0.000	0.000	0.000			
Vs (tf)	296.863	232.460	306.815			
(Av/S)req	0.516	0.404	0.533			
箍筋採用	#5	#5	#5			
N (根數)	4	4	4			
Smax (cm)	25.8	25.8	25.8			
Sreq (cm)	15.4	19.7	14.9			
Sprop (cm)	10	15	10			
CHECK	OK	OK	OK			

扭矩設計				
設計扭矩 Tu =	4.234	tf-m		
Acp =	15000	cm2		
pcp =	500	cm		
φTcr =	66.93	tf-m		
若 Tu	<	1/4*φTcr =	16.73	tf-m
	可不計扭力之影響			

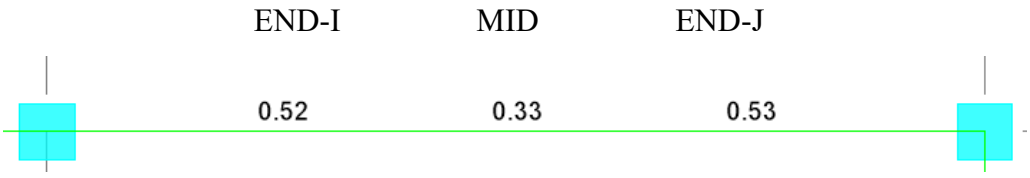
剖面配筋圖如下 ：



ETABS :



Longitudinal reinforcing (cm^2)

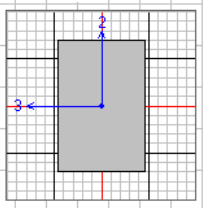


Shear reinforcing (cm^2/cm)

Concrete Design Information ACI 318-08/IBC 2009

File

Units Ton-m




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ACI 318-08/IBC 2009 BEAM SECTION DESIGN  Type:Sway Special      Units:  Ton-m  (Envelope)

Level       :  4F             L=20.500
Element     :  B88            D=1.500        B=1.000        bf=1.000
Section ID  :  G100X150-COL1  ds=0.000       dct=0.130      dcb=0.130
                              E=2244994.000  fc=3500.000    Lt.Wt. Fac.=1.000
                              fy=42000.000   fys=42000.000

Phi(Bending):    0.900
Phi(Shear):      0.750
Phi(Seis Shear): 0.600
Phi(Torsion):    0.750


Flexural Reinforcement for Major Axis Moment
  ------- End-I ---------  --------- Middle --------  --------- End-J ---------
  Rebar Area      Rebar %   Rebar Area      Rebar %   Rebar Area      Rebar %
       0.017        1.143        0.005        0.324        0.019        1.256   Top (+2 Axis)
       0.008        0.544        0.006        0.389        0.009        0.595   Bot (-2 Axis)

   Design Mu  Station Loc   Design Mu  Station Loc   Design Mu  Station Loc
    -809.230        0.600    -213.185       14.951    -881.198       19.900   Top (+2 Axis)
     404.615        0.600     293.432        7.033     440.599       19.900   Bot (-2 Axis)

        Controlling Combo         Controlling Combo         Controlling Combo
                    U5EYA                     U5DYA                     U5EYA   Top (+2 Axis)
                    U5EYA                     U5EYA                     U5EYA   Bot (-2 Axis)

Shear Reinforcement for Major Shear (V2)
  ------- End-I ---------  --------- Middle --------  --------- End-J ---------
  Rebar Av/s              Rebar Av/s                Rebar Av/s
       0.005                   0.003                     0.005

   Design Vu  Station Loc   Design Vu  Station Loc   Design Vu  Station Loc
      178.118        0.600     112.715       14.951     184.089       19.900

        Controlling Combo         Controlling Combo         Controlling Combo
                    U5EYA                     U5EYA                     U5EYA

Torsion Reinforcement
  ------- Shear ---------  ------ Longitudinal -----
  Rebar At/s                Rebar Al
       0.000                   0.000

   Design Tu  Station Loc   Design Tu  Station Loc
       4.234       19.900        4.234       19.900

        Controlling Combo         Controlling Combo
                    U7DXA                     U7DXA
```

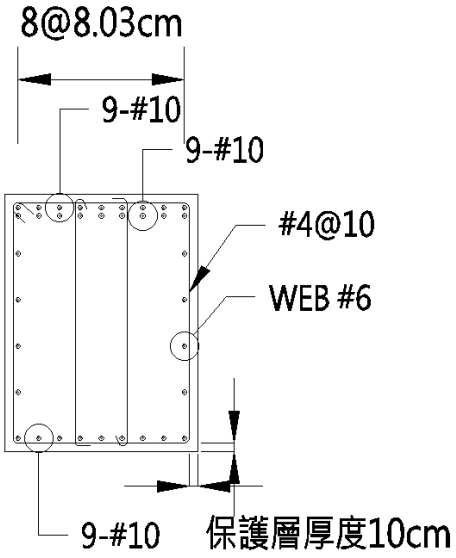
5. 樑尺寸 90cm X 120cm (樑編號 : 2WG3~2WG6, 2WB1~2WB6, 3WG3~3WG6, 3WB1~3WB6, 4WG3~4WG6, 4WB1~4WB6, RG1~RG10, RB1~RB14)以 RG1 為例

編號：	RG1	90	x	120			
f'c =	350	kgf/cm^2					
fy =	4200	kgf/cm^2					
樑寬 b =	90	cm					
樑深 h =	120	cm					
保護層厚度 =	10	cm					
d' =	13	cm					
有效深度 d =	107	cm					
軸力 Pu =	0	tf					
設計彎矩	END-I	MID	END-J				
Mu- (tf-m)	466.635	103.973	527.664				
Mu+ (tf-m)	233.317	197.267	263.832				
設計剪力	END-I	MID	END-J				
Vu- (tf)	112.984	71.037	120.238				
斷面檢核							
a. 設計軸壓不超過0.1f'cAg							
Pu =	0	tf <	378	tf	OK!		
b. 淨跨距不得少於四倍有效樑深							
ln =	19.3	m > 4d =	4.28	m	OK!		
c. 寬深比不得小於0.3，且樑寬不得小於25cm							
b/h =	0.750	>	0.3		OK!		
d. 樑寬不得超過其下支承柱的寬度+兩邊外伸長度，任一外伸長度不得超過柱深之1/4；							
寬亦不得超過柱寬之兩倍							
b =	90	cm < b,col + 2h,col/4 =		180	cm	OK!	
b =	90	cm < 2b,col =		240	cm	OK!	

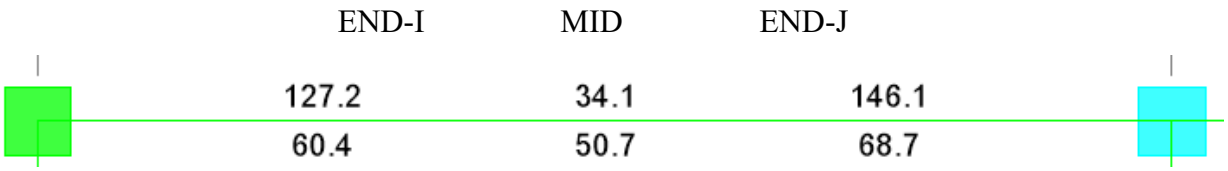
撓曲設計						
	END-I		MID		END-J	
	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
Mu (tf-m)	466.635	233.317	103.973	197.267	527.664	263.832
β1	0.8	0.8	0.8	0.8	0.8	0.8
ψ	0.9	0.9	0.9	0.9	0.9	0.9
a (cm)	19.96	9.47	4.11	7.95	22.92	10.77
c (cm)	24.95	11.83	5.14	9.93	28.65	13.47
εt	0.0099	0.0241	0.0595	0.0293	0.0082	0.0208
As,req (cm2)	127.240	60.356	26.210	50.654	146.110	68.689
ρ,req	1.18%	0.56%	0.24%	0.47%	1.35%	0.64%
As,min (cm2)	34.316	34.316	34.316	34.316	34.316	34.316
主筋採用	#10	#10	#10	#10	#10	#10
N (根數)	18	9	5	7	18	9
As,prop (cm2)	146.574	73.287	40.715	57.001	146.574	73.287
ρ,prop	1.36%	0.68%	0.38%	0.53%	1.36%	0.68%
CHECK	OK	OK	OK	OK	OK	OK
單排鋼筋數	9	9	5	7	9	9
主筋淨間距min	3.22	3.22	3.22	3.22	3.22	3.22
主筋淨間距	4.81	4.81	12.84	7.49	4.81	4.81
CHECK	OK	OK	OK	OK	OK	OK
剪力設計						
	END-I		END-J			
	TOP	BOTTOM	TOP	BOTTOM		
a (cm)	28.740	14.370	28.740	14.370		
Mp (tf-m)	712.800	384.045	712.800	384.045		
	END-I	MID	END-J			
Vp (tf)	56.831	56.831	56.831			
Vn (tf)	188.307	144.745	200.397			
Vc (tf)	0.000	0.000	0.000			
Vs (tf)	188.307	144.745	200.397			
(Av/S)req	0.419	0.322	0.446			
箍筋採用	#4	#4	#4			
N (根數)	4	4	4			
Smax (cm)	25.8	25.8	25.8			
Sreq (cm)	12.1	15.7	11.4			
Sprop (cm)	10	15	10			
CHECK	OK	OK	OK			

扭矩設計				
設計扭矩 Tu =	3.683	tf-m		
Acp =	10800	cm2		
pcp =	420	cm		
φTcr =	41.30	tf-m		
若 Tu	<	1/4*φTcr =	10.33	tf-m
	可不計扭力之影響			

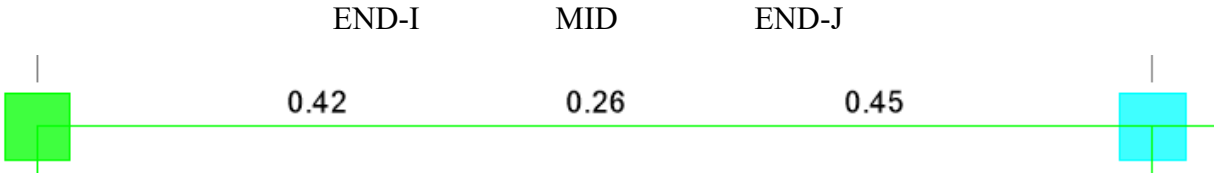
剖面配筋圖如下 ：



ETABS :



Longitudinal reinforcing (cm^2)

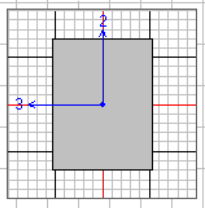


Shear reinforcing (cm^2/cm)

Concrete Design Information ACI 318-08/IBC 2009

File

Units Ton-m



ACI 318-08/IBC 2009 BEAM SECTION DESIGN Type:Sway Special Units: Ton-m (Envelope)

Level	: RF	L=20.500			
Element	: B24	D=1.200	B=0.900	bf=0.900	
Section ID	: RGG90X120	ds=0.000	dct=0.130	dcb=0.130	
		E=2244994.000	fc=3500.000	Lt.Wt. Fac.=1.000	
		fy=42000.000	fys=42000.000		

Phi(Bending):	0.900
Phi(Shear):	0.750
Phi(Seis Shear):	0.600
Phi(Torsion):	0.750

Flexural Reinforcement for Major Axis Moment

End-I		Middle		End-J		
Rebar Area	Rebar %	Rebar Area	Rebar %	Rebar Area	Rebar %	
0.013	1.178	0.003	0.316	0.015	1.353	Top (+2 Axis)
0.006	0.559	0.005	0.469	0.007	0.636	Bot (-2 Axis)
Design Mu	Station Loc	Design Mu	Station Loc	Design Mu	Station Loc	
-466.635	0.600	-103.973	14.951	-527.664	19.900	Top (+2 Axis)
233.317	0.600	197.267	8.023	263.832	19.900	Bot (-2 Axis)
Controlling Combo		Controlling Combo		Controlling Combo		
U5EYA		U7DYA		U5EYA		Top (+2 Axis)
U5EYA		U5EYA		U5EYA		Bot (-2 Axis)

Shear Reinforcement for Major Shear (V2)

End-I		Middle		End-J	
Rebar Av/s		Rebar Av/s		Rebar Av/s	
0.004		0.003		0.004	
Design Vu	Station Loc	Design Vu	Station Loc	Design Vu	Station Loc
112.984	0.600	71.037	14.951	120.238	19.900
Controlling Combo		Controlling Combo		Controlling Combo	
U5EYA		U5EYA		U5EYA	

Torsion Reinforcement

Shear		Longitudinal	
Rebar At/s		Rebar Al	
0.000		0.000	
Design Tu	Station Loc	Design Tu	Station Loc
3.683	19.900	3.683	19.900
Controlling Combo		Controlling Combo	
U7DXA		U7DXA	

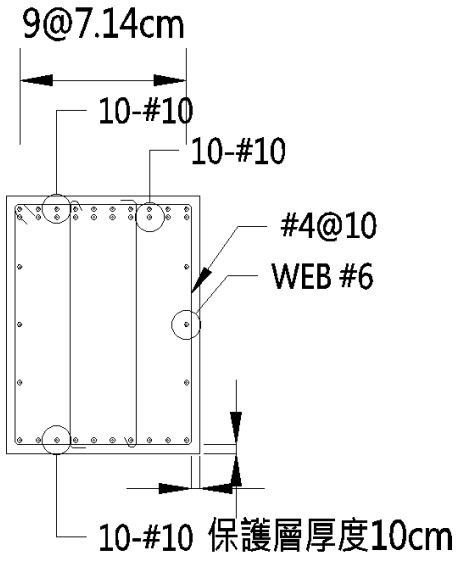
6. 樑尺寸 90cm X 110cm (樑編號 : Rg1, Rg2)以 Rg1 為例

編號：	Rg1	90	x	110	
f'c =	350	kgf/cm^2			
fy =	4200	kgf/cm^2			
樑寬 b =	90	cm			
樑深 h =	110	cm			
保護層厚度 =	10	cm			
d' =	13	cm			
有效深度 d =	97	cm			
軸力 Pu =	0	tf			
設計彎矩	END-I	MID	END-J		
Mu- (tf-m)	118.626	118.626	474.503		
Mu+ (tf-m)	235.489	269.324	237.251		
設計剪力	END-I	MID	END-J		
Vu- (tf)	65.174	66.435	111.240		
斷面檢核					
a. 設計軸壓不超過0.1f'cAg					
Pu =	0	tf <	346.5	tf	OK!
b. 淨跨距不得少於四倍有效樑深					
ln =	19.3	m > 4d =	3.88	m	OK!
c. 寬深比不得小於0.3，且樑寬不得小於25cm					
b/h =	0.818	>	0.3		OK!

撓曲設計						
	END-I		MID		END-J	
	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
Mu (tf-m)	118.626	235.489	118.626	269.324	474.503	237.251
β1	0.8	0.8	0.8	0.8	0.8	0.8
ψ	0.9	0.9	0.9	0.9	0.9	0.9
a (cm)	5.22	10.66	5.22	12.30	23.04	10.75
c (cm)	6.52	13.33	6.52	15.38	28.79	13.43
εt	0.0416	0.0188	0.0416	0.0159	0.0071	0.0187
As,req (cm2)	33.247	67.960	33.247	78.427	146.849	68.500
ρ,req	0.34%	0.69%	0.34%	0.79%	1.48%	0.69%
As,min (cm2)	31.109	31.109	31.109	31.109	31.109	31.109
主筋採用	#10	#10	#10	#10	#10	#10
N (根數)	12	10	6	10	20	10
As,prop (cm2)	97.716	81.43	48.858	81.43	162.86	81.43
ρ,prop	0.99%	0.82%	0.49%	0.82%	1.65%	0.82%
CHECK	OK	OK	OK	OK	OK	OK
單排鋼筋數	10	10	6	10	10	10
主筋淨間距min	3.22	3.22	3.22	3.22	3.22	3.22
主筋淨間距	3.92	3.92	9.63	3.92	3.92	3.92
CHECK	OK	OK	OK	OK	OK	OK
剪力設計						
	END-I	MID	END-J			
Vp (tf)	55.617	55.617	55.617			
Vn (tf)	86.899	88.580	185.400			
Vc (tf)	0.000	0.000	0.000			
Vs (tf)	86.899	88.580	185.400			
(Av/S)req	0.213	0.217	0.455			
箍筋採用	#4	#4	#4			
N (根數)	4	4	4			
Smax (cm)	24.3	25.8	24.3			
Sreq (cm)	23.8	23.3	11.1			
Sprop (cm)	10	15	10			
CHECK	OK	OK	OK			

扭矩設計				
設計扭矩 Tu =	0	tf-m		
Acp =	9900	cm2		
pcp =	400	cm		
φTcr =	36.44	tf-m		
若 Tu	<	1/4*φTcr =	9.11	tf-m
	可不計扭力之影響			

剖面配筋圖如下 ：



ETABS :

END-I	MID	END-J
33.2	33.2	146.8
68.0	78.4	68.5

Longitudinal reinforcing (cm^2)

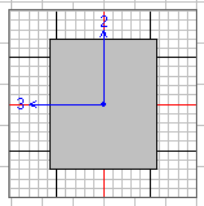
END-I	MID	END-J
0.27	0.27	0.46

Shear reinforcing (cm^2/cm)

Concrete Design Information ACI 318-08/IBC 2009

File

Units Ton-m



ACI 318-08/IBC 2009 BEAM SECTION DESIGN Type:Sway Special Units: Ton-m (Envelope)

Level	: RF	L=20.500			
Element	: B49	D=1.100	B=0.900	bf=0.900	
Section ID	: RB90X110	ds=0.000	dct=0.130	dcb=0.130	
		E=2244994.000	fc=3500.000	Lt.Wt. Fac.=1.000	
		fy=42000.000	fys=42000.000		

Phi(Bending):	0.900
Phi(Shear):	0.750
Phi(Seis Shear):	0.600
Phi(Torsion):	0.750

Flexural Reinforcement for Major Axis Moment

End-I		Middle		End-J		
Rebar Area	Rebar %	Rebar Area	Rebar %	Rebar Area	Rebar %	
0.003	0.336	0.003	0.336	0.015	1.483	Top (+2 Axis)
0.007	0.686	0.008	0.792	0.007	0.692	Bot (-2 Axis)
Design Mu	Station Loc	Design Mu	Station Loc	Design Mu	Station Loc	
-118.626	5.000	-118.626	15.000	-474.503	20.500	Top (+2 Axis)
235.489	5.000	269.324	7.500	237.251	20.500	Bot (-2 Axis)
Controlling Combo		Controlling Combo		Controlling Combo		
U5EYB		U5EYB		U5EYB		Top (+2 Axis)
U5EYB		U5EYB		U5EYB		Bot (-2 Axis)

Shear Reinforcement for Major Shear (V2)

End-I		Middle		End-J	
Rebar Av/s		Rebar Av/s		Rebar Av/s	
0.003		0.003		0.005	
Design Vu	Station Loc	Design Vu	Station Loc	Design Vu	Station Loc
65.174	0.000	66.435	15.000	111.240	20.500
Controlling Combo		Controlling Combo		Controlling Combo	
U5EYB		U5EYB		U5EYB	

Torsion Reinforcement

Shear		Longitudinal	
Rebar At/s		Rebar Al	
0.000		0.000	
Design Tu	Station Loc	Design Tu	Station Loc
0.000	20.500	0.000	20.500
Controlling Combo		Controlling Combo	
ENV		ENV	

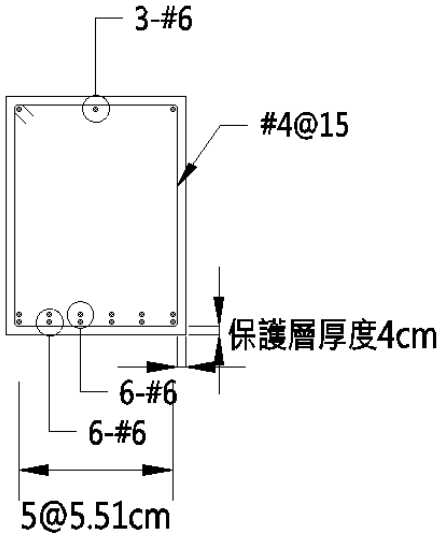
7. 樑尺寸 40cm X 60cm (樑編號 : 2b3, 3b3, 1cb1)以 2b3 為例

編號：	2b3	40	x	60	
f'c =	350	kgf/cm^2			
fy =	4200	kgf/cm^2			
樑寬 b =	40	cm			
樑深 h =	60	cm			
保護層厚度 =	4	cm			
d' =	7	cm			
有效深度 d =	53	cm			
軸力 Pu =	0	tf			
設計彎矩	END-I	MID	END-J		
Mu- (tf-m)	0.0001	0.0001	0.0001		
Mu+ (tf-m)	39.68	59.878	44.588		
設計剪力	END-I	MID	END-J		
Vu- (tf)	24.003	13.054	25.976		
斷面檢核					
a. 設計軸壓不超過0.1f'cAg					
Pu =	0	tf <	84	tf	OK!
b. 淨跨距不得少於四倍有效樑深					
ln =	8.275	m > 4d =	2.12	m	OK!
c. 寬深比不得小於0.3，且樑寬不得小於25cm					
b/h =	0.667	>	0.3		OK!

撓曲設計						
	END-I		MID		END-J	
	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
Mu (tf-m)	0.0001	39.68	0.0001	59.878	0.0001	44.588
β1	0.8	0.8	0.8	0.8	0.8	0.8
ψ	0.9	0.9	0.9	0.9	0.9	0.9
a (cm)	0.00	7.52	0.00	11.88	0.00	8.54
c (cm)	0.00	9.41	0.00	14.85	0.00	10.68
εt	7220.2494	0.0139	7220.2494	0.0077	7220.2494	0.0119
As,req (cm2)	0.000	21.320	0.000	33.661	0.000	24.207
ρ,req	0.00%	0.89%	0.00%	1.40%	0.00%	1.01%
As,min (cm2)	0.000	7.555	0.000	7.555	0.000	7.555
主筋採用	#6	#6	#6	#6	#6	#6
N (根數)	3	8	3	12	3	10
As,prop (cm2)	8.595	22.92	8.595	34.38	8.595	28.65
ρ,prop	0.36%	0.96%	0.36%	1.43%	0.36%	1.19%
CHECK	OK	OK	OK	OK	OK	OK
單排鋼筋數	3	6	3	6	3	6
主筋淨間距min	2.5	2.5	2.5	2.5	2.5	2.5
主筋淨間距	11.87	3.60	11.87	3.60	11.87	3.60
CHECK	OK	OK	OK	OK	OK	OK
剪力設計						
	END-I	MID	END-J			
Vp (tf)	11.272	11.272	11.272			
Vn (tf)	40.005	21.757	43.293			
Vc (tf)	0.000	0.000	0.000			
Vs (tf)	40.005	21.757	43.293			
(Av/S)req	0.180	0.098	0.194			
箍筋採用	#4	#4	#4			
N (根數)	2	2	2			
Smax (cm)	26.5	26.5	26.5			
Sreq (cm)	14.1	25.9	13.0			
Sprop (cm)	10	15	10			
CHECK	OK	OK	OK			

扭矩設計				
設計扭矩 Tu =	0	tf-m		
Acp =	2400	cm2		
pcp =	200	cm		
φTcr =	4.28	tf-m		
若 Tu	<	1/4*φTcr =	1.07	tf-m
	可不計扭力之影響			

剖面配筋圖如下 ：



ETABS :

END-I	MID	END-J
0.0	0.0	0.0
21.3	33.7	24.2

Longitudinal reinforcing (cm^2)

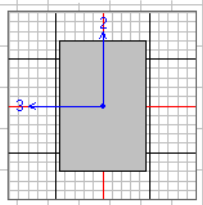
END-I	MID	END-J
0.18	3.249E-03	0.19

Shear reinforcing (cm^2/cm)

Concrete Design Information ACI 318-08/IBC 2009

File

Units Ton-m




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ACI 318-08/IBC 2009 BEAM SECTION DESIGN  Type:Sway Special       Units:  Ton-m  (Envelope)

Level       :  2F              L=8.800
Element     :  B59             D=0.600          B=0.400          bf=0.400
Section ID  :  B40X60          ds=0.000         dct=0.070        dcb=0.070
                               E=2244994.000    fc=3500.000      Lt.Wt. Fac.=1.000
                               fy=42000.000     fys=42000.000

Phi(Bending):    0.900
Phi(Shear):      0.750
Phi(Seis Shear): 0.600
Phi(Torsion):    0.750


Flexural Reinforcement for Major Axis Moment
  ------- End-I ---------  --------- Middle --------  --------- End-J ---------
  Rebar Area      Rebar %   Rebar Area      Rebar %   Rebar Area      Rebar %
       0.000        0.000        0.000        0.000        0.000        0.000   Top (+2 Axis)
       0.002        0.888        0.003        1.403        0.002        1.009   Bot (-2 Axis)

   Design Mu  Station Loc    Design Mu  Station Loc    Design Mu  Station Loc
       0.000        1.894        0.000        6.155        0.000        8.800   Top (+2 Axis)
      39.680        1.894       59.878        4.261       44.588        6.628   Bot (-2 Axis)

         Controlling Combo            Controlling Combo            Controlling Combo
                     U5EYA                        U5EYA                        U5EYA   Top (+2 Axis)
                     U5DYB                        U5DYB                        U5DYB   Bot (-2 Axis)

Shear Reinforcement for Major Shear (V2)
  ------- End-I ---------  --------- Middle --------  --------- End-J ---------
  Rebar Av/s                Rebar Av/s                Rebar Av/s
       0.002                3.249E-05                    0.002

   Design Vu  Station Loc    Design Vu  Station Loc    Design Vu  Station Loc
      24.003        0.000       13.054        2.367       25.976        8.800

         Controlling Combo            Controlling Combo            Controlling Combo
                     U5DYB                        U5DYB                        U5DYB

Torsion Reinforcement
  ------- Shear ---------  ------ Longitudinal -----
  Rebar At/s                Rebar Al
       0.000                    0.000

   Design Tu  Station Loc    Design Tu  Station Loc
       0.000        8.800        0.000        8.800

         Controlling Combo            Controlling Combo
                     U5EXB                        U5EXB
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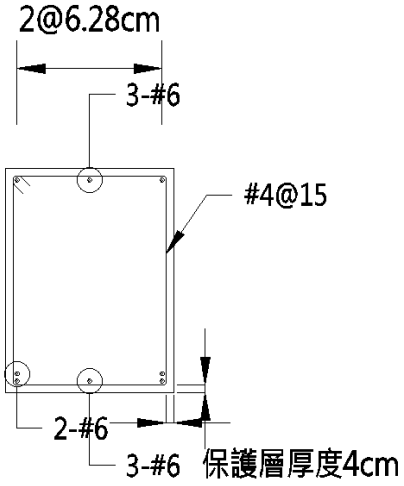
8. 樑尺寸 25cm X 45cm (樑編號 : 2b4)以 2b4 為例

編號：	2b4	25	x	45	
f'c =	350	kgf/cm^2			
fy =	4200	kgf/cm^2			
樑寬 b =	25	cm			
樑深 h =	45	cm			
保護層厚度 =	4	cm			
d' =	6.5	cm			
有效深度 d =	38.5	cm			
軸力 Pu =	0	tf			
設計彎矩	END-I	MID	END-J		
Mu- (tf-m)	0.0001	0.0001	0.0001		
Mu+ (tf-m)	8.721	15.543	8.721		
設計剪力	END-I	MID	END-J		
Vu- (tf)	8.834	2.847	8.834		
斷面檢核					
a. 設計軸壓不超過0.1f'cAg					
Pu =	0	tf <	39.375	tf	OK!
b. 淨跨距不得少於四倍有效樑深					
ln =	4.93	m > 4d =	1.54	m	OK!
c. 寬深比不得小於0.3，且樑寬不得小於25cm					
b/h =	0.556	>	0.3		OK!

撓曲設計						
	END-I		MID		END-J	
	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
Mu (tf-m)	0.0001	8.721	0.0001	15.543	0.0001	8.721
β1	0.8	0.8	0.8	0.8	0.8	0.8
ψ	0.9	0.9	0.9	0.9	0.9	0.9
a (cm)	0.00	3.55	0.00	6.60	0.00	3.55
c (cm)	0.00	4.43	0.00	8.25	0.00	4.43
εt	2381.2304	0.0230	2381.2304	0.0110	2381.2304	0.0230
As,req (cm2)	0.000	6.282	0.000	11.681	0.000	6.282
ρ,req	0.00%	0.56%	0.00%	1.04%	0.00%	0.56%
As,min (cm2)	0.000	3.430	0.000	3.430	0.000	3.430
主筋採用	#6	#6	#6	#6	#6	#6
N (根數)	3	3	3	5	3	3
As,prop (cm2)	8.595	8.595	8.595	14.325	8.595	8.595
ρ,prop	0.76%	0.76%	0.76%	1.27%	0.76%	0.76%
CHECK	OK	OK	OK	OK	OK	OK
單排鋼筋數	3	3	3	3	3	3
主筋淨間距min	2.5	2.5	2.5	2.5	2.5	2.5
主筋淨間距	4.37	4.37	4.37	4.37	4.37	4.37
CHECK	OK	OK	OK	OK	OK	OK
剪力設計						
	END-I	MID	END-J			
Vp (tf)	6.492	6.492	6.492			
Vn (tf)	14.723	12.152	14.723			
Vc (tf)	0.000	9.544	0.000			
Vs (tf)	14.723	2.608	14.723			
(Av/S)req	0.091	0.016	0.091			
箍筋採用	#4	#4	#4			
N (根數)	2	2	2			
Smax (cm)	19.3	19.3	19.3			
Sreq (cm)	27.8	157.1	27.8			
Sprop (cm)	15	15	15			
CHECK	OK	OK	OK			

扭矩設計				
設計扭矩 Tu =	0	tf-m		
Acp =	1125	cm2		
pcp =	140	cm		
φTcr =	1.34	tf-m		
若 Tu	<	1/4*φTcr =	0.34	tf-m
	可不計扭力之影響			

剖面配筋圖如下 ：



ETABS :

END-I	MID	END-J
0.0	0.0	0.0
6.3	11.7	6.3

Longitudinal reinforcing (cm^2)

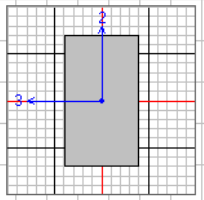
END-I	MID	END-J
0.09	0.03	0.09

Shear reinforcing (cm^2/cm)

Concrete Design Information ACI 318-08/IBC 2009

File

Units: Ton-m



ACI 318-08/IBC 2009 BEAM SECTION DESIGN Type:Sway Special Units: Ton-m (Envelope)

Level	: 2F	L=5.250			
Element	: B124	D=0.450	B=0.250	bf=0.250	
Section ID	: B25X45	ds=0.000	dct=0.065	dcb=0.065	
		E=2244994.000	fc=3500.000	Lt.Wt. Fac.=1.000	
		fy=42000.000	fys=42000.000		

Phi(Bending):	0.900
Phi(Shear):	0.750
Phi(Seis Shear):	0.600
Phi(Torsion):	0.750

Flexural Reinforcement for Major Axis Moment

End-I		Middle		End-J		
Rebar Area	Rebar %	Rebar Area	Rebar %	Rebar Area	Rebar %	
0.000	0.000	0.000	0.000	0.000	0.000	Top (+2 Axis)
6.282E-04	0.558	0.001	1.038	6.282E-04	0.558	Bot (-2 Axis)
Design Mu	Station Loc	Design Mu	Station Loc	Design Mu	Station Loc	
0.000	0.955	0.000	3.818	0.000	5.250	Top (+2 Axis)
8.721	0.955	15.543	2.864	8.721	4.295	Bot (-2 Axis)
Controlling Combo		Controlling Combo		Controlling Combo		
U1		U1		U1		Top (+2 Axis)
U2		U2		U2		Bot (-2 Axis)

Shear Reinforcement for Major Shear (V2)

End-I		Middle		End-J	
Rebar Av/s		Rebar Av/s		Rebar Av/s	
9.105E-04		2.934E-04		9.105E-04	
Design Vu	Station Loc	Design Vu	Station Loc	Design Vu	Station Loc
8.834	0.000	2.847	1.432	8.834	5.250
Controlling Combo		Controlling Combo		Controlling Combo	
U5DYB		U7DYB		U5DYB	

Torsion Reinforcement

Shear		Longitudinal	
Rebar At/s		Rebar Al	
0.000		0.000	
Design Tu	Station Loc	Design Tu	Station Loc
0.000	5.250	0.000	5.250
Controlling Combo		Controlling Combo	
ENV		ENV	

9. 匯集構材檢討

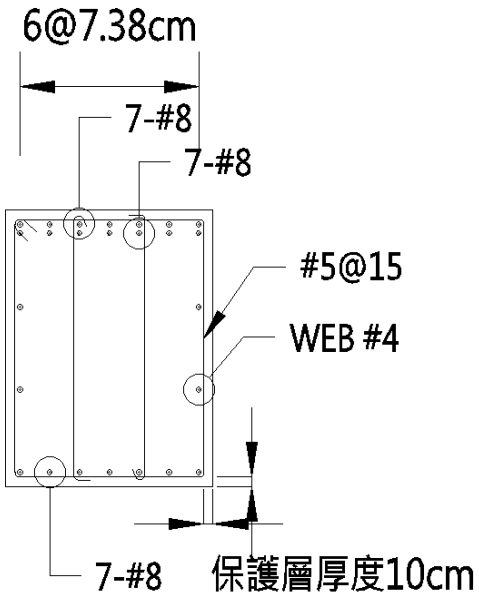
屋突層之支撐柱 C13 屬樑上柱，立於樑 3G2 及 3G6 上，其下之轉換樑 3G2 及 3G6 依「建築物耐震設計規範及解說」6.2.6 節之規定，地震力放大 1.4α_y 倍，檢討匯集構材，以 3G2 為例設計如下：

編號：	3G2	70	x	90			
f'c =	350	kgf/cm^2					
fy =	4200	kgf/cm^2					
樑寬 b =	70	cm					
樑深 h =	90	cm					
保護層厚度 =	10	cm					
d' =	13	cm					
有效深度 d =	77	cm					
軸力 Pu =	0	tf					
設計彎矩	END-I	MID	END-J				
Mu- (tf-m)	122.078	30.519	111.542				
Mu+ (tf-m)	61.039	88.33	55.771				
設計剪力	END-I	MID	END-J				
Vu- (tf)	70.082	53.568	55.257				
斷面檢核							
a. 設計軸壓不超過0.1f'cAg							
Pu =	0	tf <	220.5	tf	OK!		
b. 淨跨距不得少於四倍有效樑深							
ln =	9.35	m > 4d =	3.08	m	OK!		
c. 寬深比不得小於0.3，且樑寬不得小於25cm							
b/h =	0.778	>	0.3		OK!		
d. 樑寬不得超過其下支承柱的寬度+兩邊外伸長度，任一外伸長度不得超過柱深之1/4；							
寬亦不得超過柱寬之兩倍							
b =	70	cm < b,col + 2h,col/4 =		135	cm	OK!	
b =	70	cm < 2b,col =		180	cm	OK!	

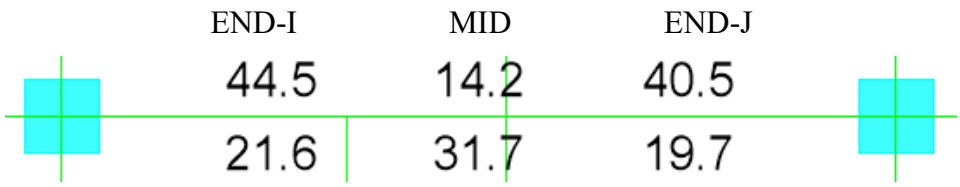
撓曲設計						
	END-I		MID		END-J	
	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
Mu (tf-m)	122.078	61.039	30.519	88.33	111.542	55.771
β1	0.8	0.8	0.8	0.8	0.8	0.8
ψ	0.9	0.9	0.9	0.9	0.9	0.9
a (cm)	8.98	4.35	2.14	6.39	8.16	3.97
c (cm)	11.23	5.44	2.68	7.98	10.20	4.96
εt	0.0176	0.0395	0.0832	0.0259	0.0196	0.0436
As,req (cm2)	44.541	21.581	10.634	31.660	40.467	19.668
ρ,req	0.71%	0.34%	0.17%	0.50%	0.64%	0.31%
As,min (cm2)	19.207	19.207	14.178	19.207	19.207	19.207
主筋採用	#8	#8	#8	#8	#8	#8
N (根數)	14	7	5	7	14	7
As,prop (cm2)	70.938	35.469	25.335	35.469	70.938	35.469
ρ,prop	1.13%	0.56%	0.40%	0.56%	1.13%	0.56%
CHECK	OK	OK	OK	OK	OK	OK
單排鋼筋數	7	7	5	7	7	7
主筋淨間距min	2.54	2.54	2.54	2.54	2.54	2.54
主筋淨間距	4.84	4.84	8.53	4.84	4.84	4.84
CHECK	OK	OK	OK	OK	OK	OK
剪力設計						
	END-I		END-J			
	TOP	BOTTOM	TOP	BOTTOM		
a (cm)	17.884	8.942	17.884	8.942		
Mp (tf-m)	253.466	135.058	253.466	135.058		
	END-I	MID	END-J			
Vp (tf)	41.553	41.553	41.553			
Vn (tf)	116.803	89.280	92.095			
Vc (tf)	0.000	0.000	0.000			
Vs (tf)	116.803	89.280	92.095			
(Av/S)req	0.361	0.276	0.285			
箍筋採用	#5	#5	#5			
N (根數)	4	4	4			
Smax (cm)	19.3	20.3	19.3			
Sreq (cm)	22.0	28.8	27.9			
Sprop (cm)	15	20	15			
CHECK	OK	OK	OK			

扭矩設計								
設計扭矩 Tu =	20.748	tf-m						
Acp =	6300	cm2						
pcp =	320	cm						
φTcr =	18.45	tf-m						
若 Tu	>	1/4*φTcr =	4.61	tf-m				
	需配置扭力鋼筋							
確認斷面尺寸								
A_{oh} =	4857.57	cm2						
ph =	281.64	cm						
$\sqrt{(\frac{V_u}{b_w d})^2+(\frac{T_u p_h}{1.7 A_{oh}^2})^2}$	=	19.526	<	$\phi(\frac{V_c}{b_w d}+2.12\sqrt{f'_c})$	=	49.577	OK!	
計算橫向扭力鋼筋								
Av / s =	0.361	cm2 / cm						
At / s = Tu / (1.7φA_{oh}fy) =	0.0798	cm2 / cm						
(Av+t / s)min =	0.062361	cm2 / cm						
Av+t / s = Av / s + 2At / s =	0.5207	cm2 / cm	>	(Av+t/s)min	OK			
Av+t =	4	Ab	sv+t =	15.26	cm			
At =	1	Ab	st =	24.90	cm			
取 s =	15	cm	< MAX(ph/8 , 30) =	30	cm	OK		
計算縱向扭力鋼筋								
Al =	22.46	cm2						
Al,min =	14.86	cm2						
採用	2	- 2 *	#4					
Al,prop =	25.34	cm2	> Al,min	OK				
間距 s =	25.43	cm						

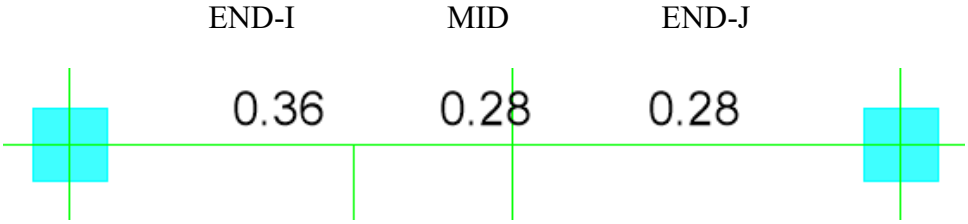
剖面配筋圖如下 ：



ETABS :



Longitudinal reinforcing (cm^2)

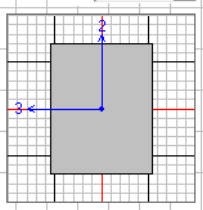


Shear reinforcing (cm^2/cm)

Concrete Design Information ACI 318-08/IBC 2009

File

Units Ton-m



ACI 318-08/IBC 2009 BEAM SECTION DESIGN Type:Sway Special Units: Ton-m (Envelope)

Level	: 3F	L=10.250			
Element	: B62	D=0.900	B=0.700	bf=0.700	
Section ID	: G70X90	ds=0.000	dct=0.130	dcb=0.130	
		E=2244994.000	fc=3500.000	Lt.Wt. Fac.=1.000	
		fy=42000.000	fys=42000.000		

Phi(Bending): 0.900
Phi(Shear): 0.750
Phi(Seis Shear): 0.600
Phi(Torsion): 0.750

Flexural Reinforcement for Major Axis Moment

End-I		Middle		End-J		
Rebar Area	Rebar %	Rebar Area	Rebar %	Rebar Area	Rebar %	
0.004	0.707	0.001	0.225	0.004	0.642	Top (+2 Axis)
0.002	0.343	0.003	0.503	0.002	0.312	Bot (-2 Axis)

Design Mu	Station Loc	Design Mu	Station Loc	Design Mu	Station Loc	
-122.078	0.450	-30.519	7.383	-111.542	9.800	Top (+2 Axis)
61.039	0.450	88.330	3.500	55.771	9.800	Bot (-2 Axis)

Controlling Combo	Controlling Combo	Controlling Combo	
U5DYB	U5DYB	U5DYA	Top (+2 Axis)
U5DYB	U5DYA	U5DYA	Bot (-2 Axis)

Shear Reinforcement for Major Shear (V2)

End-I	Middle	End-J
Rebar Av/s	Rebar Av/s	Rebar Av/s
0.004	0.003	0.003

Design Vu	Station Loc	Design Vu	Station Loc	Design Vu	Station Loc
70.082	0.450	53.568	3.064	55.257	9.800

Controlling Combo	Controlling Combo	Controlling Combo
U5DYB	U5DYB	U5DYB

Torsion Reinforcement

Shear	Longitudinal
Rebar At/s	Rebar Al
7.817E-04	0.003

Design Tu	Station Loc	Design Tu	Station Loc
20.748	5.450	20.748	5.450

Controlling Combo	Controlling Combo
U5DXA	U5DXA

10. 樑桿件主筋配筋(單位：cm^2)

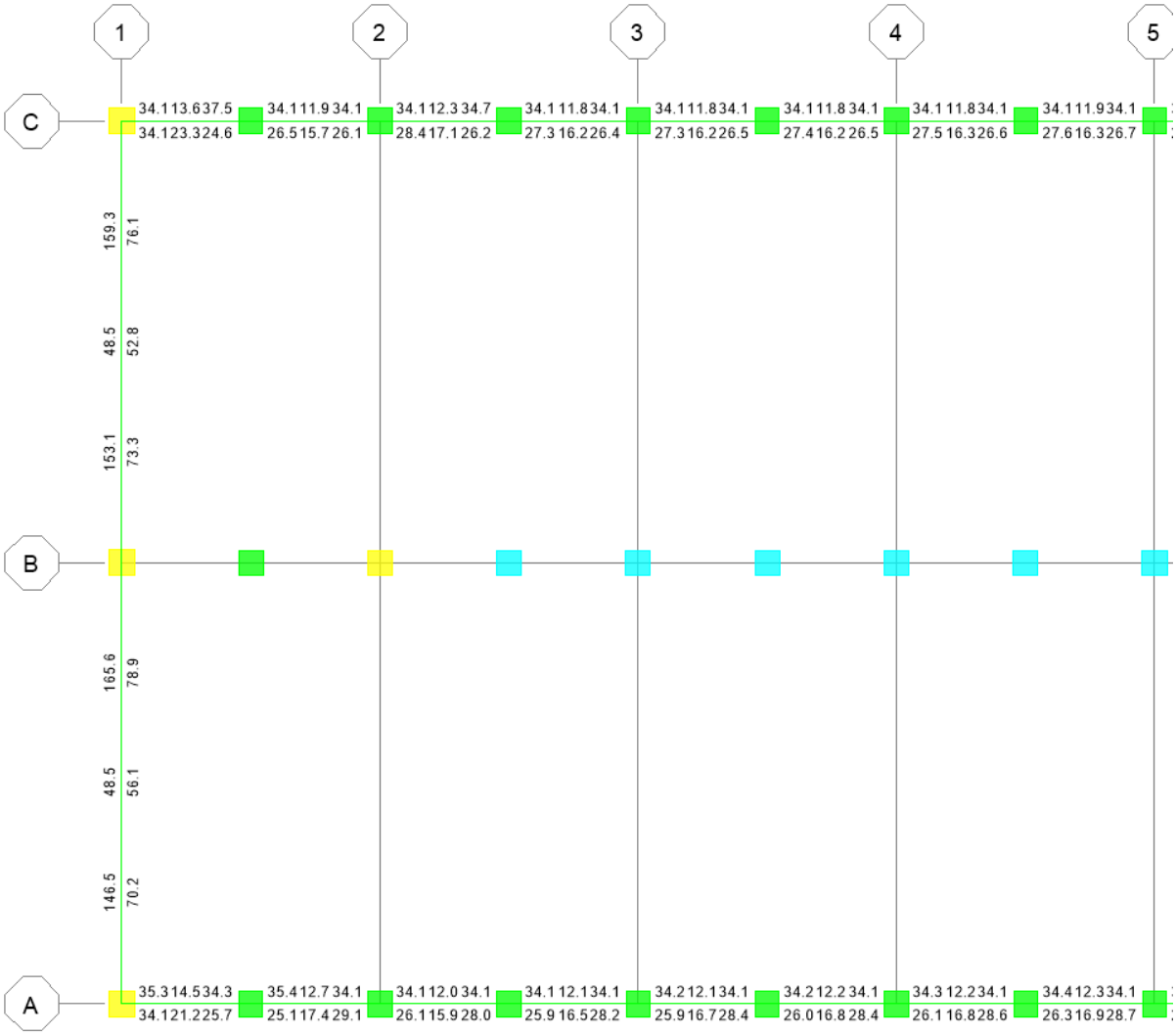


圖 44 2F 樑桿件主筋需求(柱線 1~5)

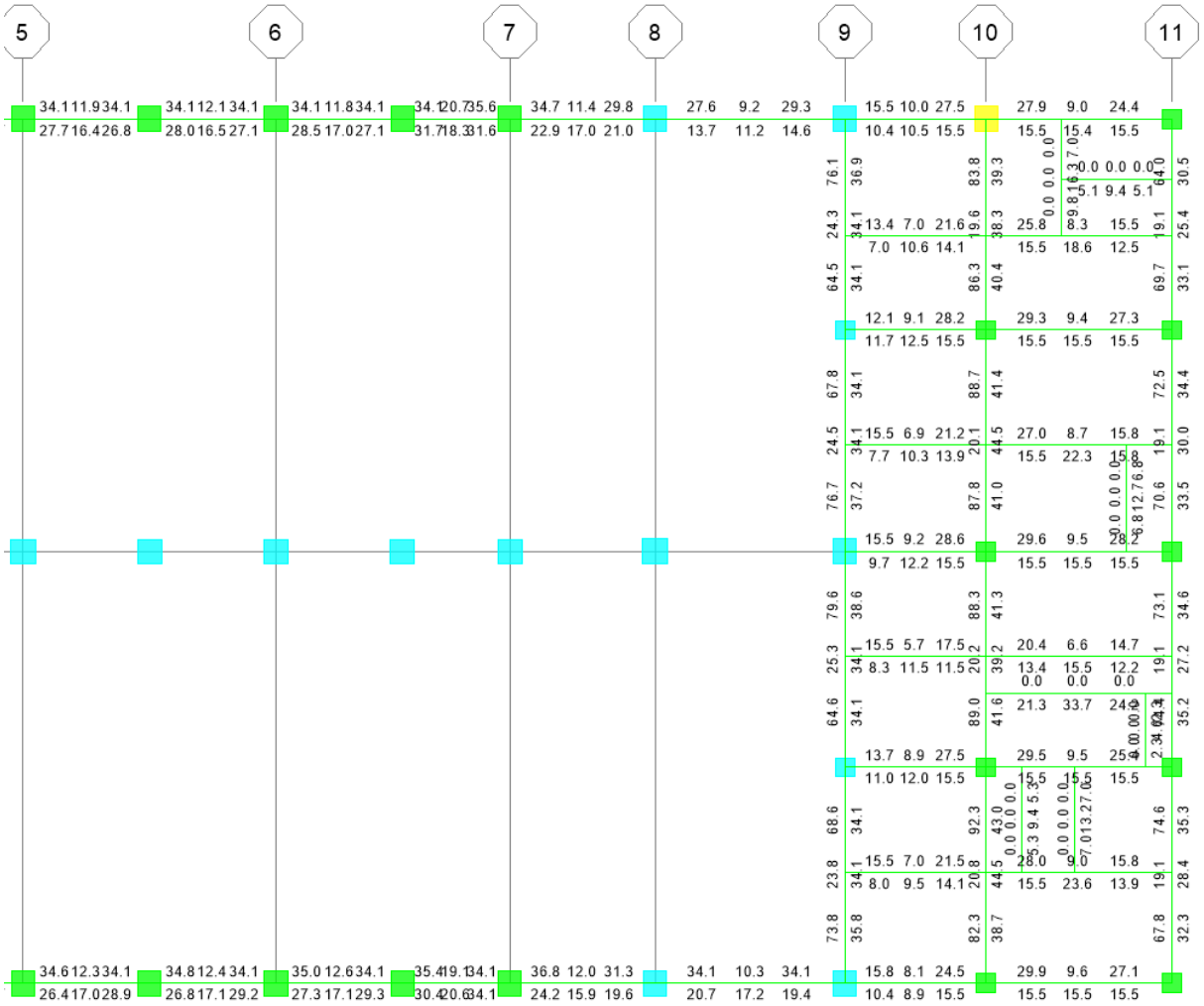


圖 45 2F 樑桿件主筋需求(柱線 5~11)

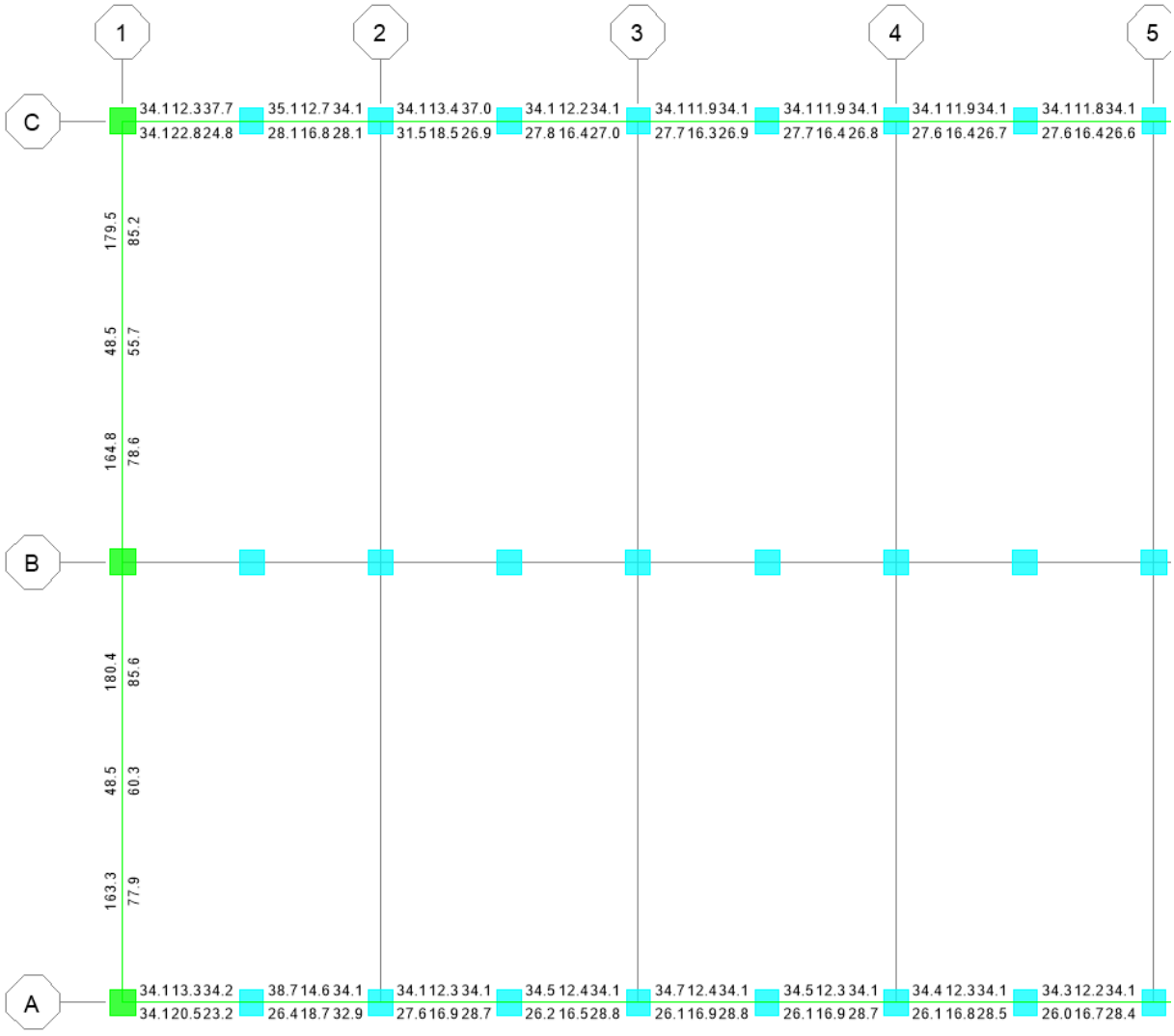


圖 46 3F 樑桿件主筋需求(柱線 1~5)

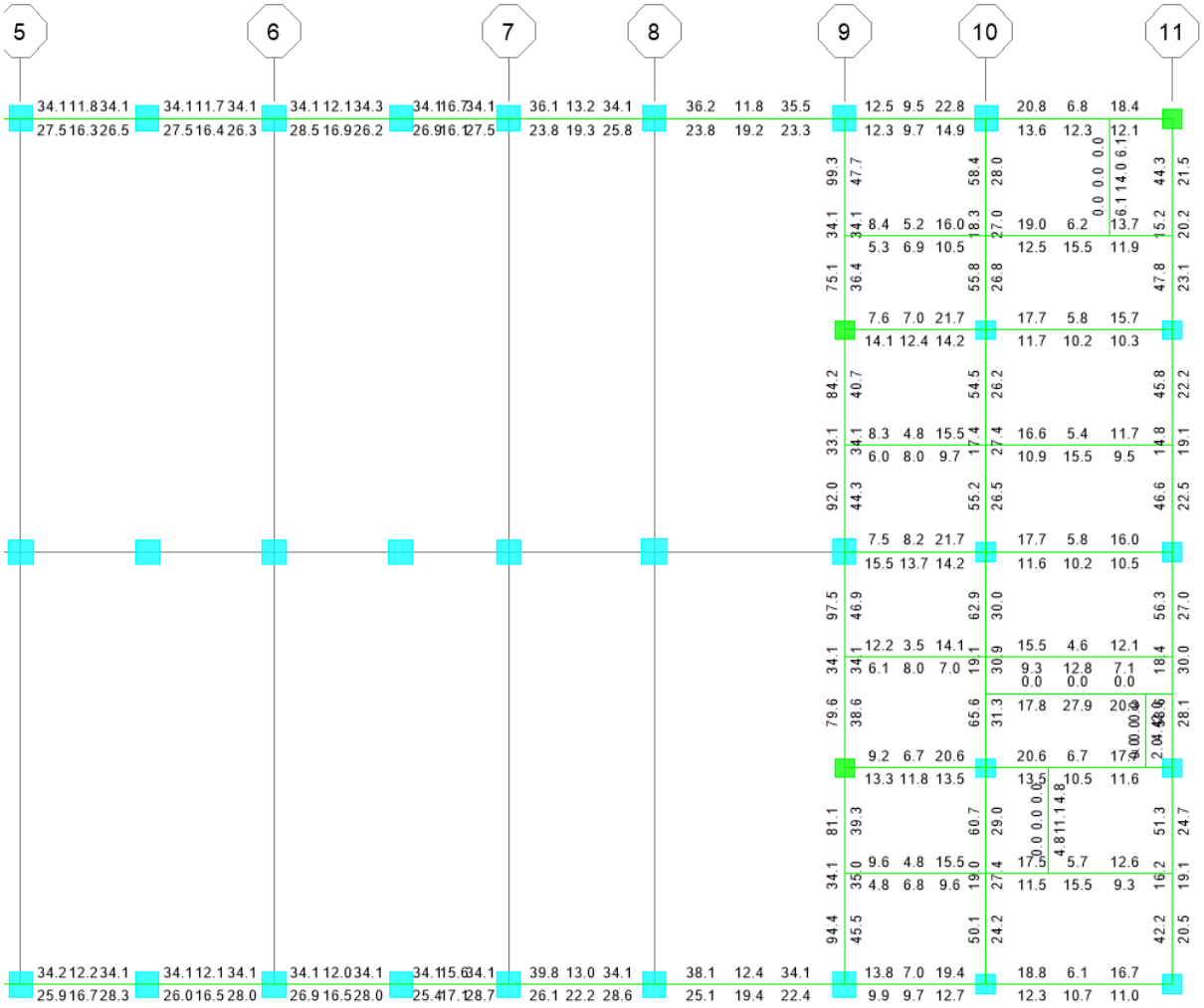


圖 47 3F 樑桿件主筋需求(柱線 5~11)

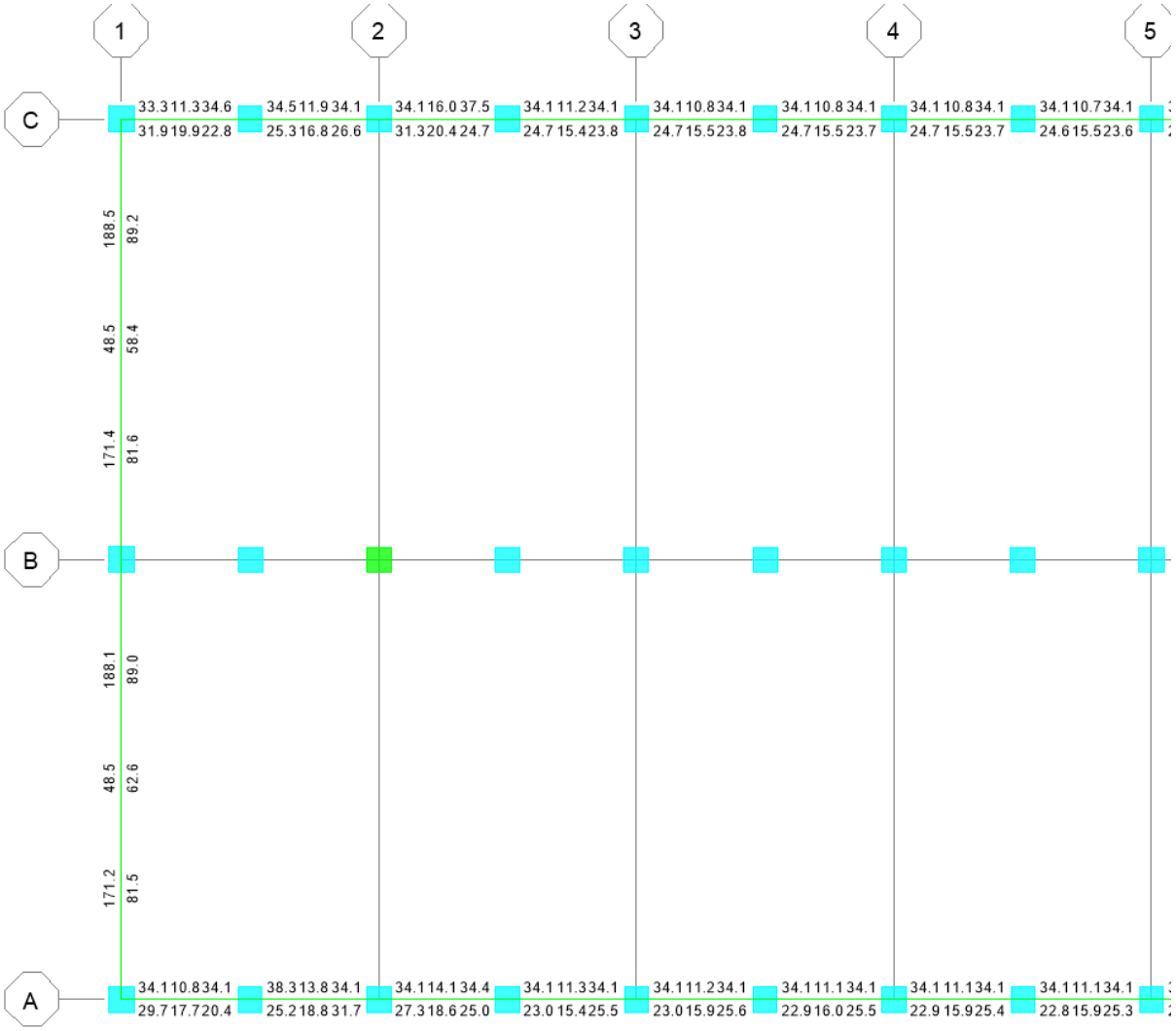


圖 48 4F 樑桿件主筋需求(柱線 1~5)

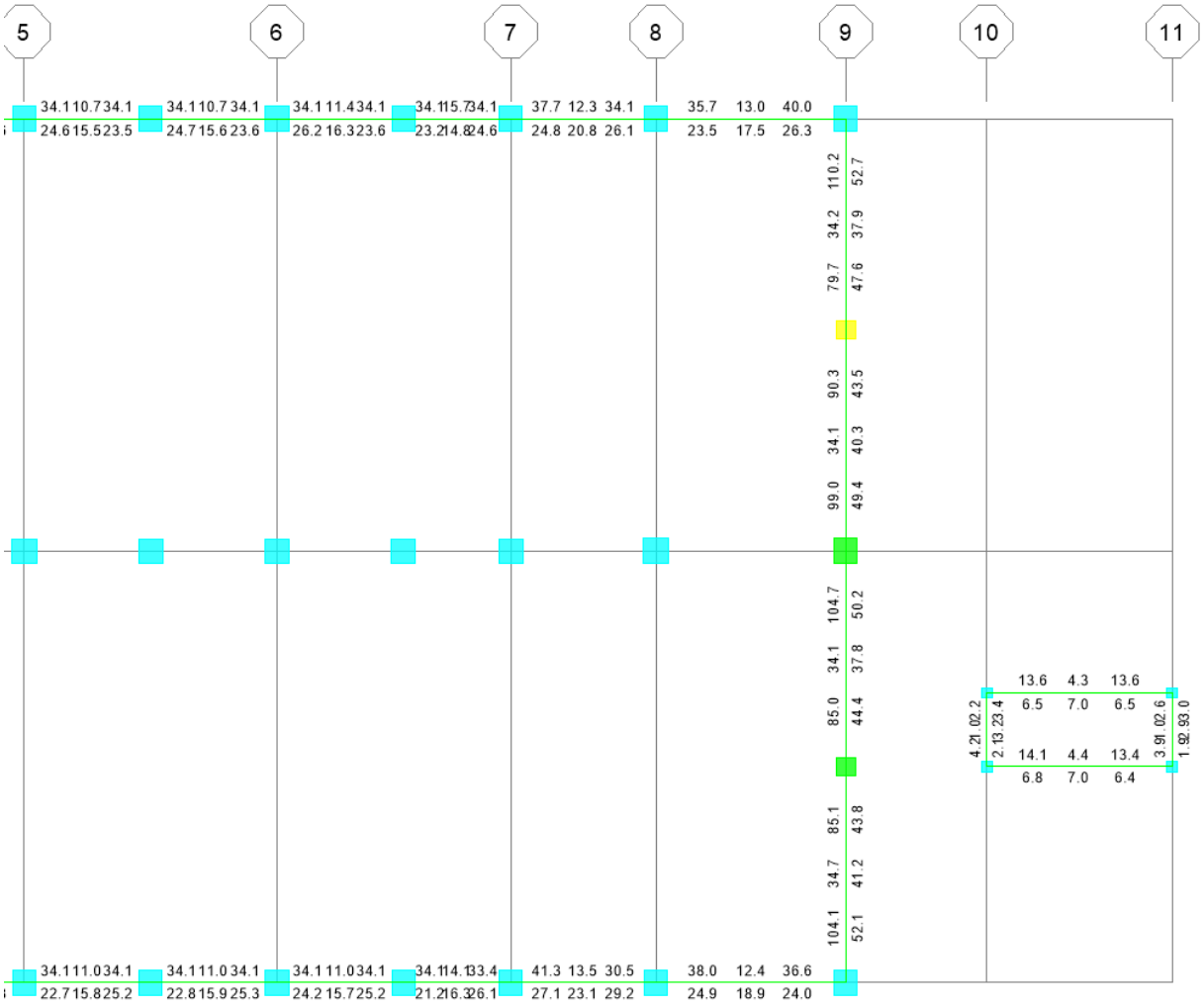


圖 49 4F 樑桿件主筋需求(柱線 5~11)

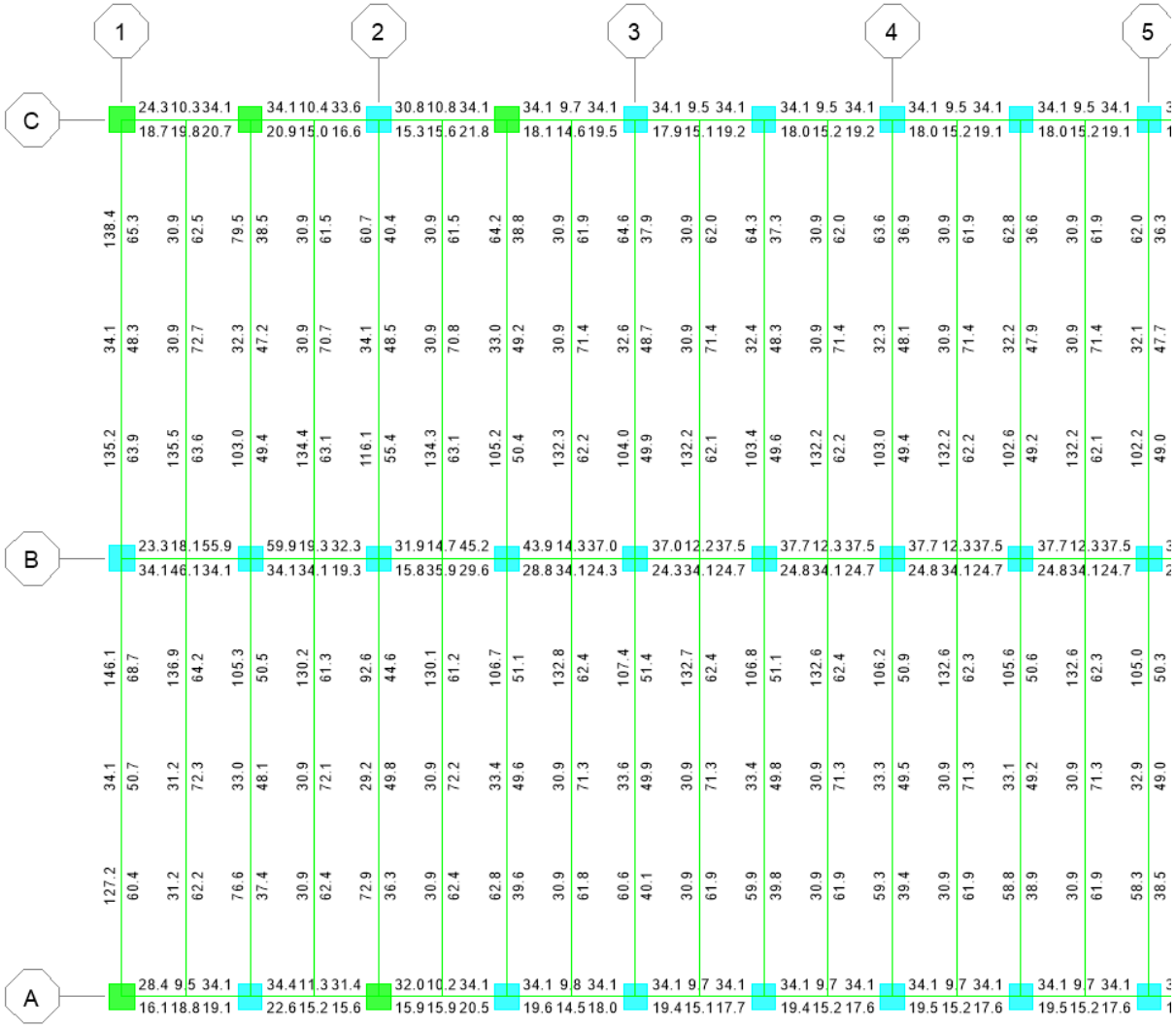


圖 50 RF 樑桿件主筋需求(柱線 1~5)

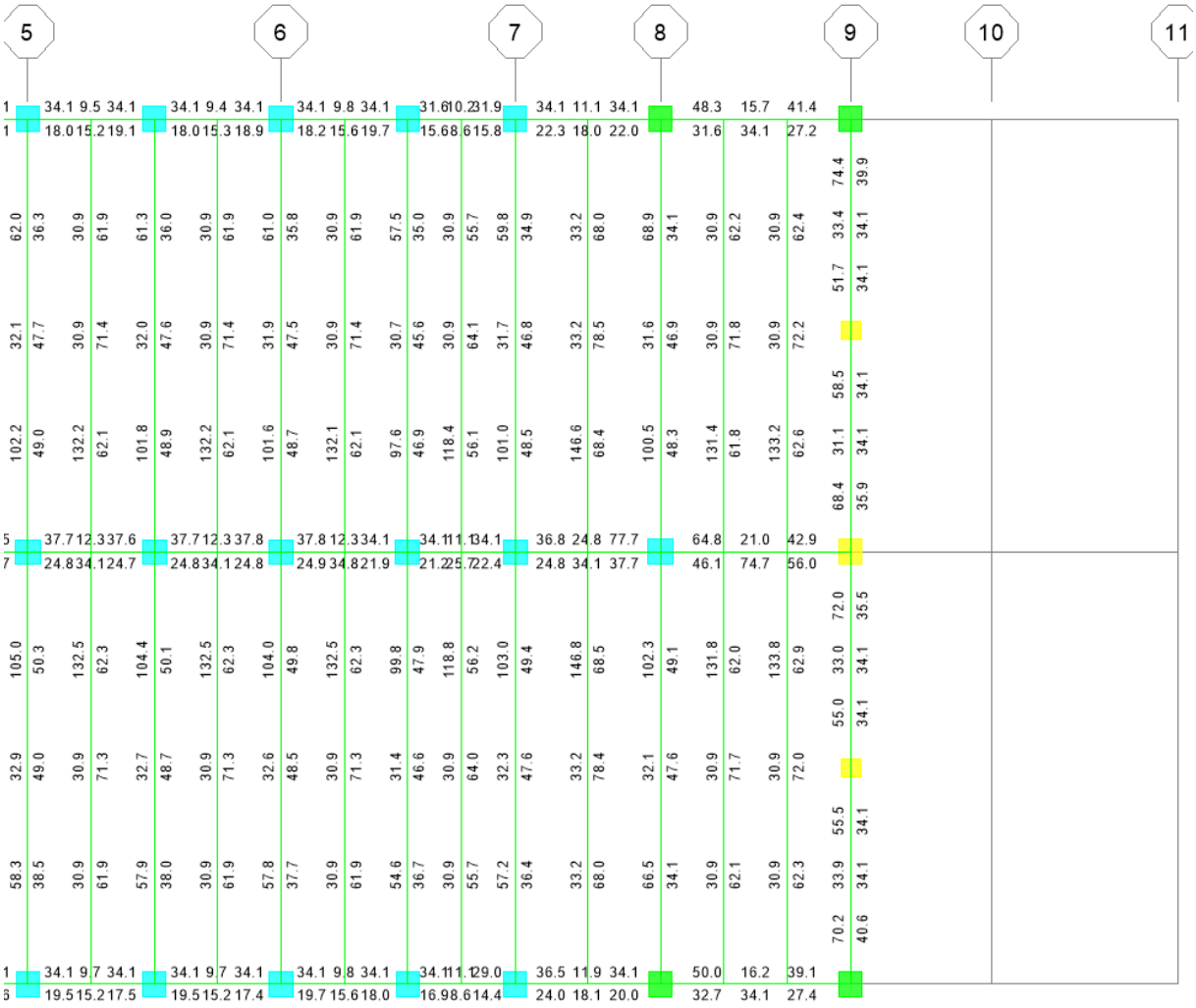


圖 51 RF 樑桿件主筋需求(柱線 5~9)

11. 樑桿件剪力筋配筋(單位：cm^2/cm)

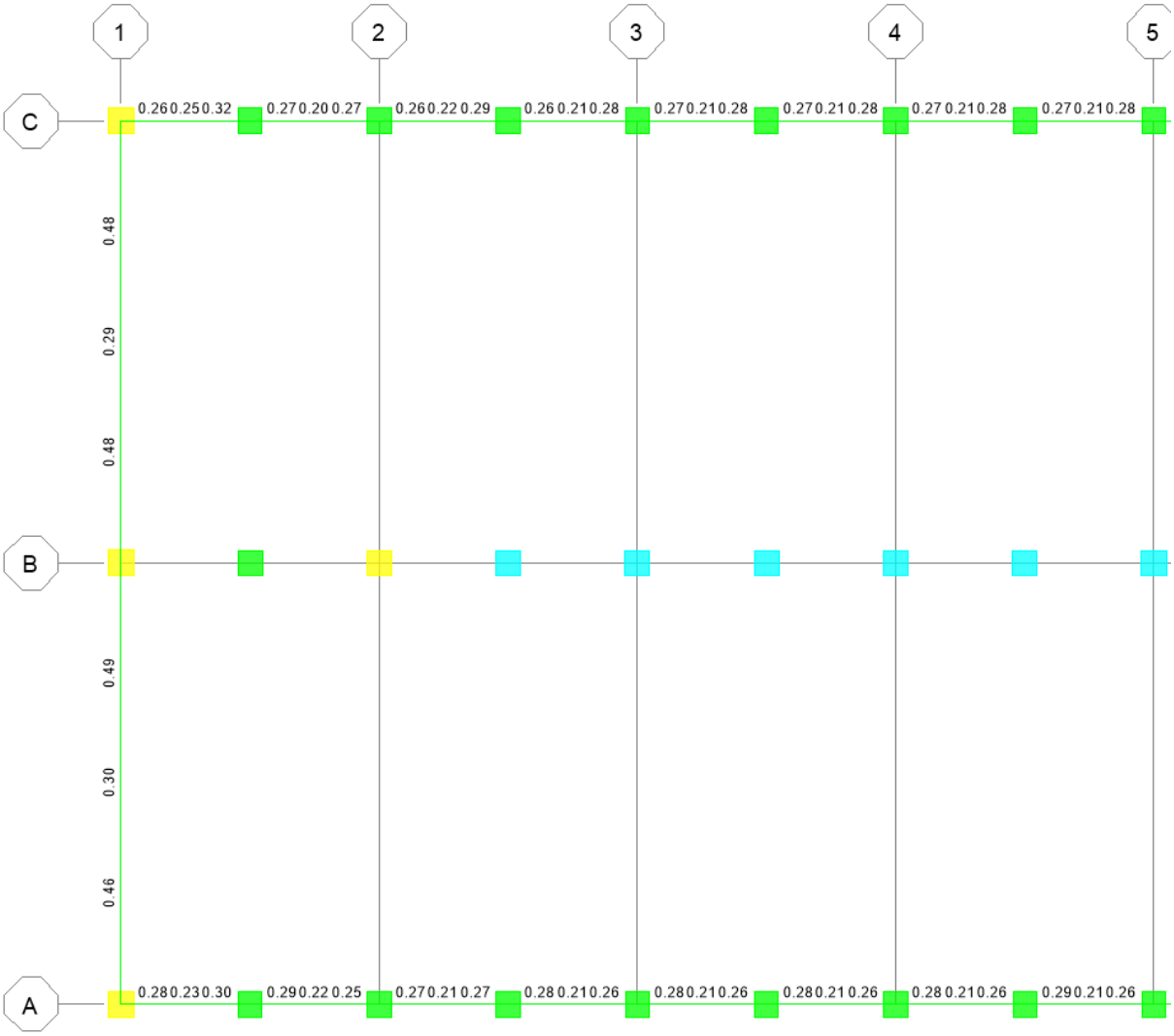


圖 52 2F 樑桿件剪力筋需求(柱線 1~5)

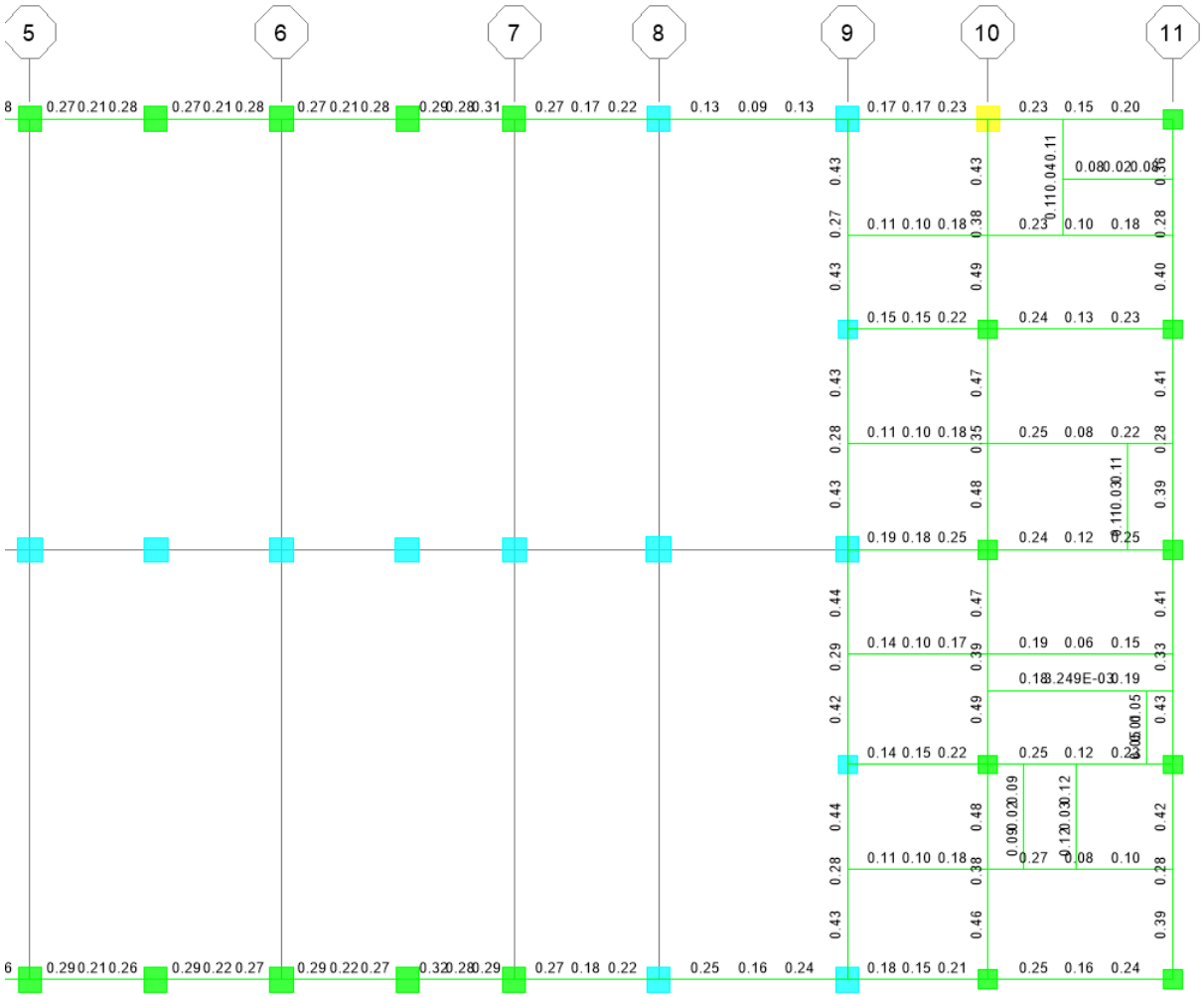


圖 53 2F 樑桿件剪力筋需求(柱線 5~11)

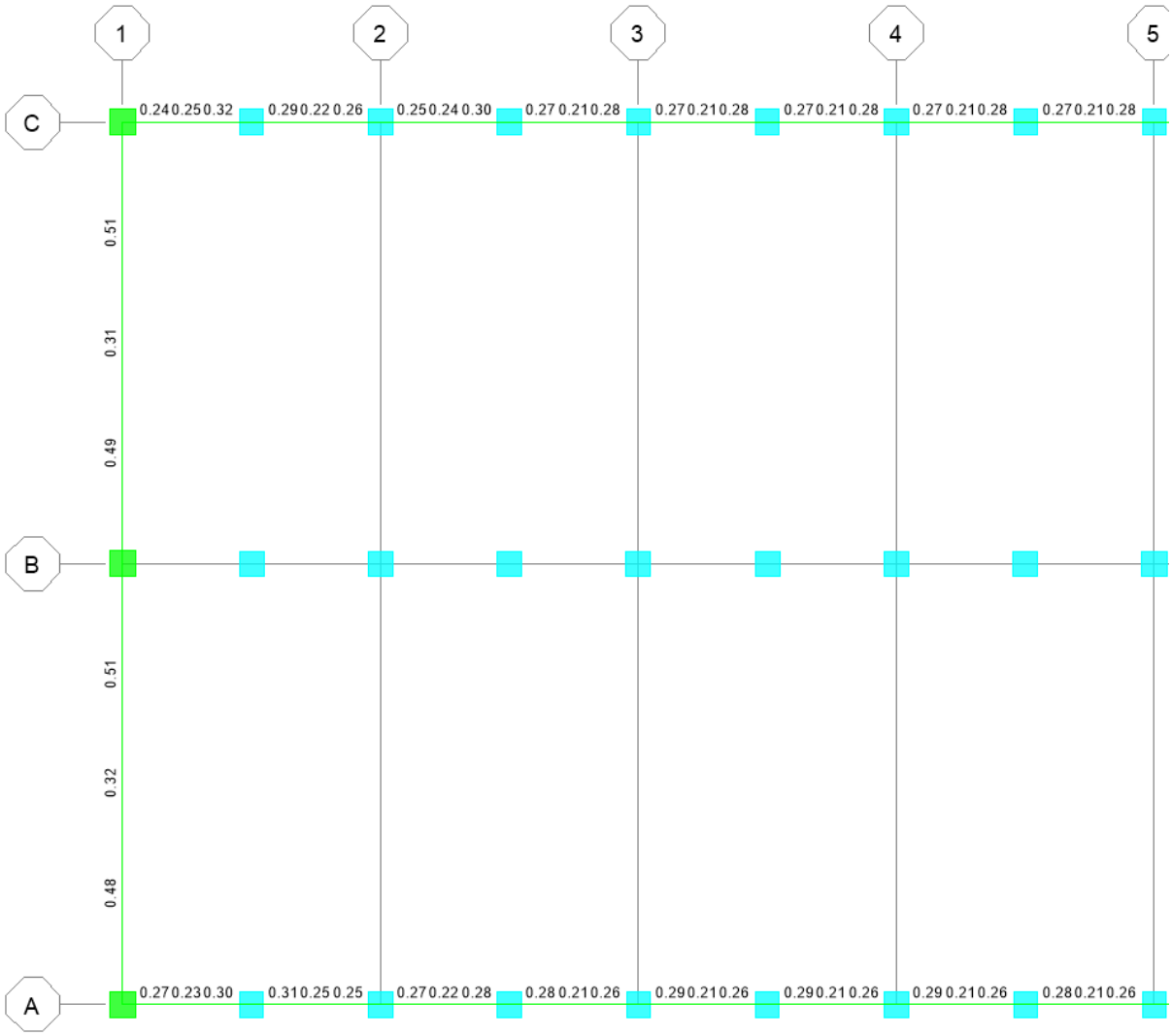


圖 54 3F 樑桿件剪力筋需求(柱線 1~5)

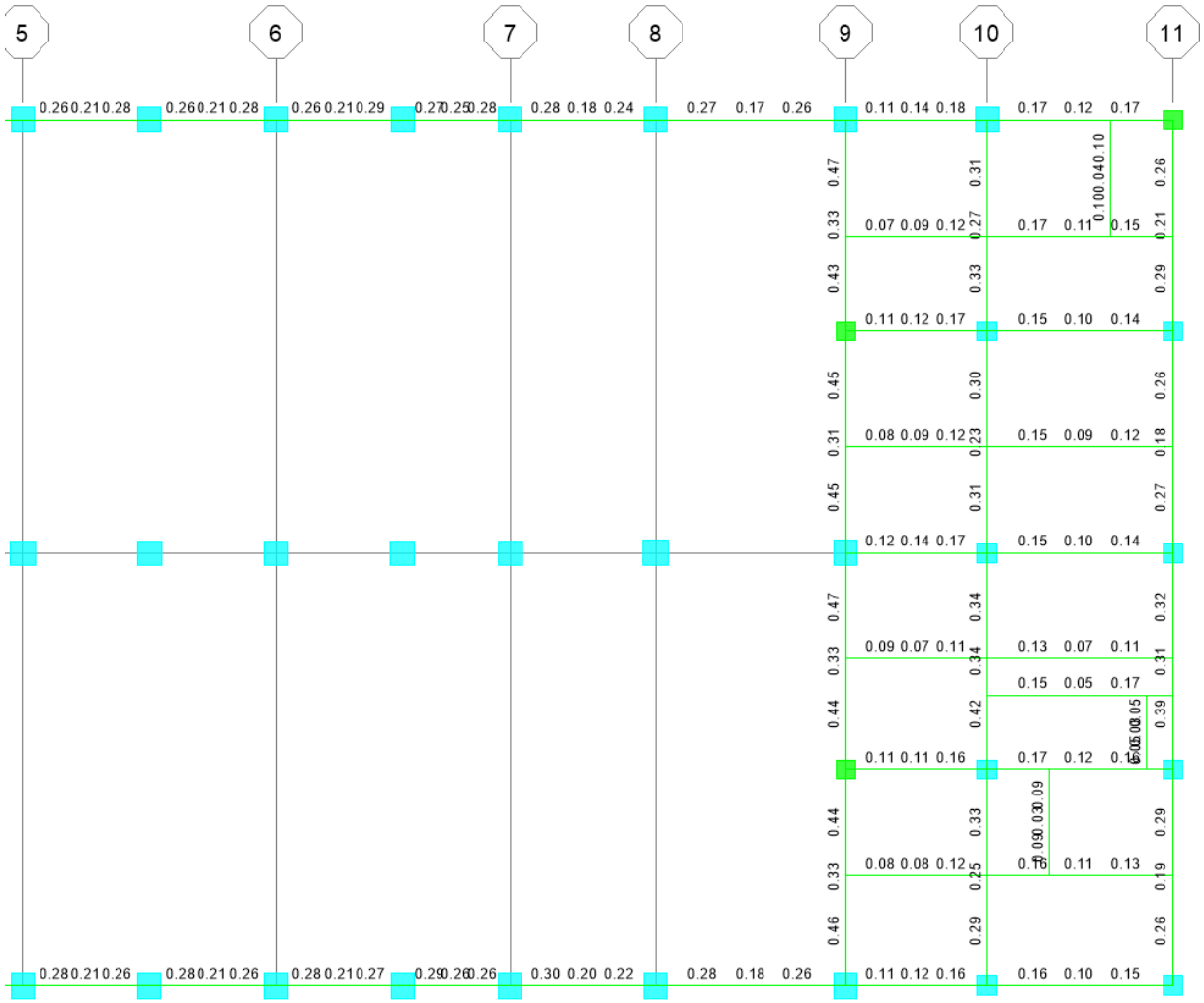


圖 55 3F 樑桿件剪力筋需求(柱線 5~11)

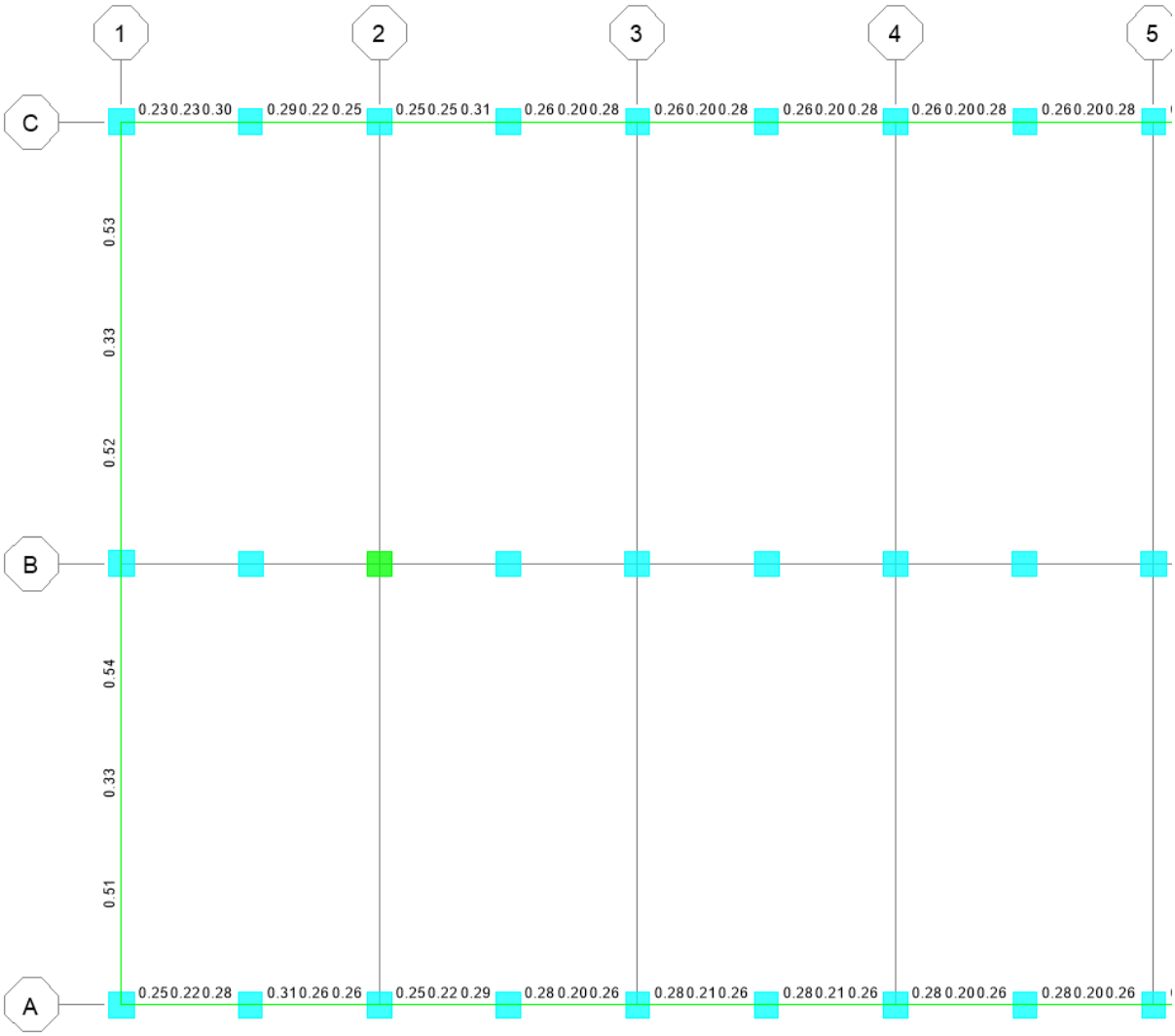


圖 56 4F 樑桿件剪力筋需求(柱線 1~5)

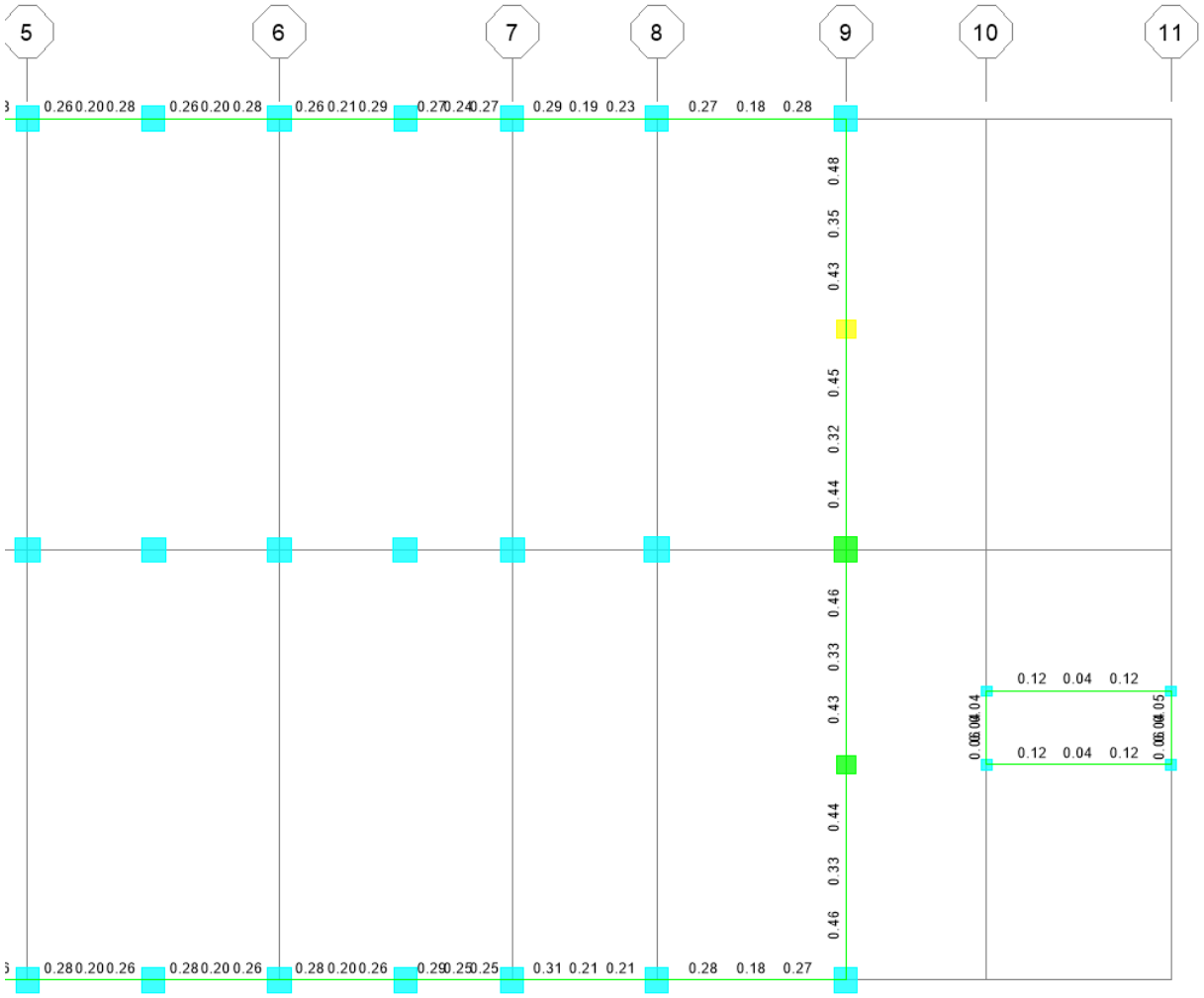


圖 57 4F 樑桿件剪力筋需求(柱線 5~11)

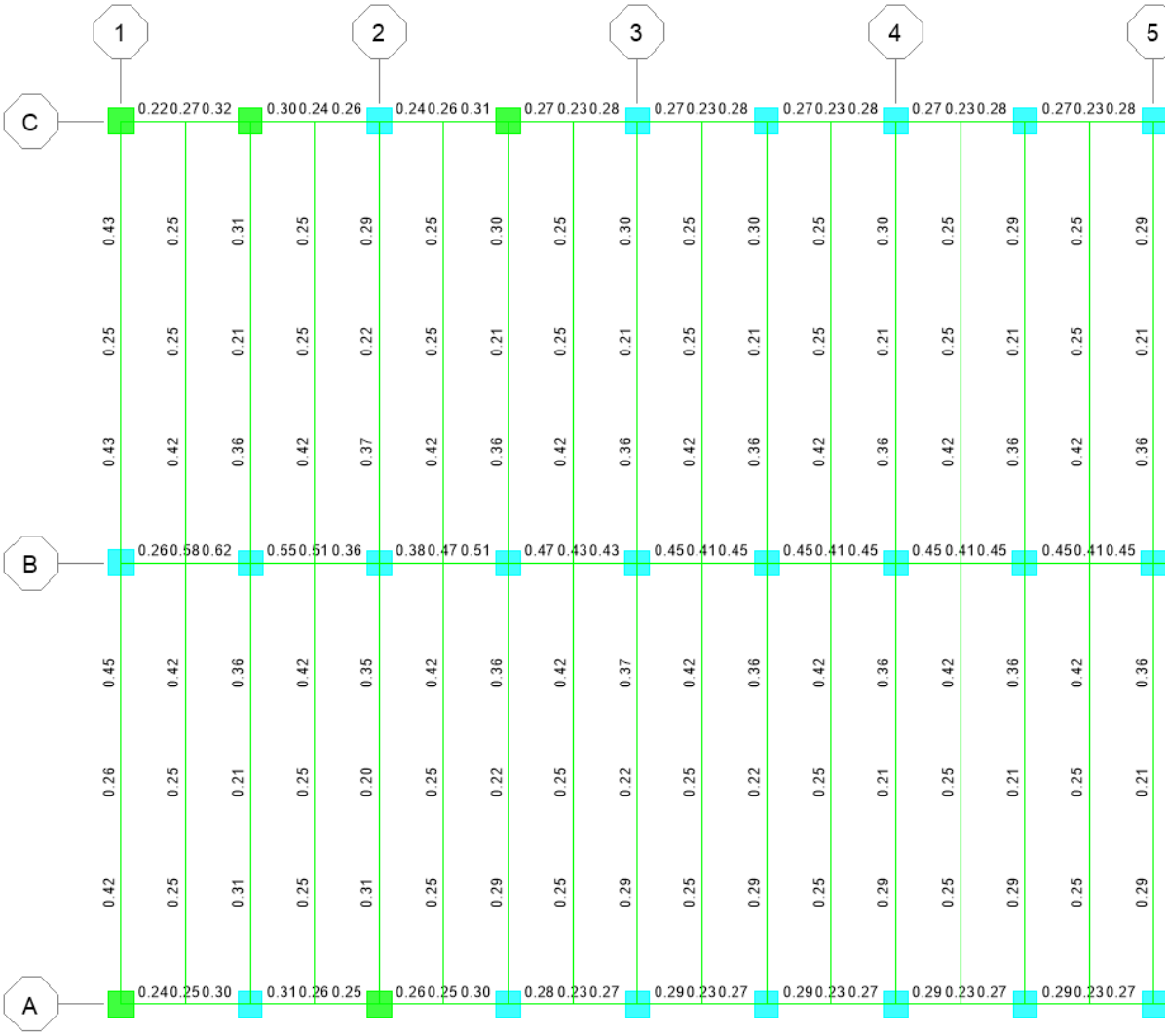


圖 58 RF 樑桿件剪力筋需求(柱線 1~5)

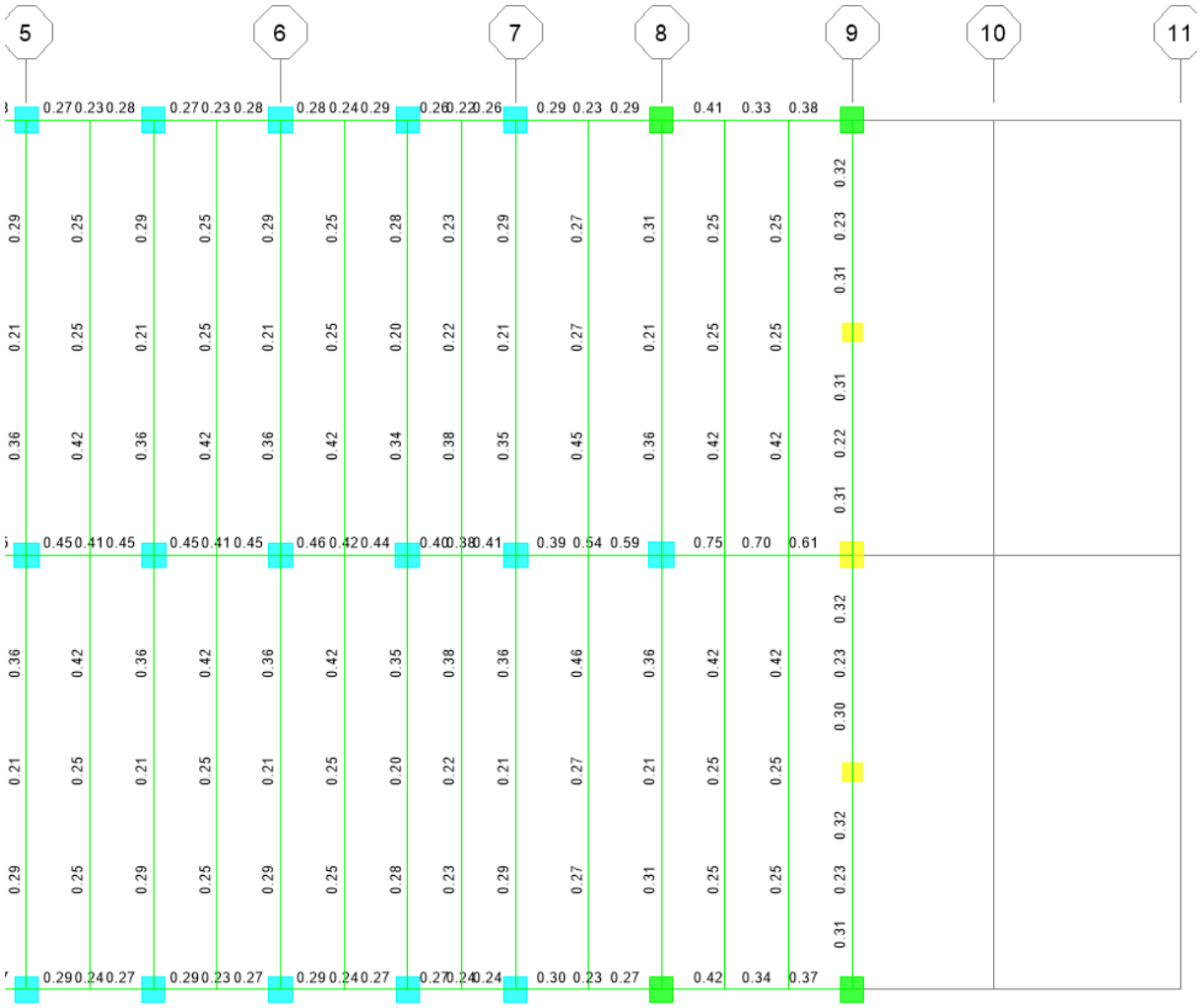
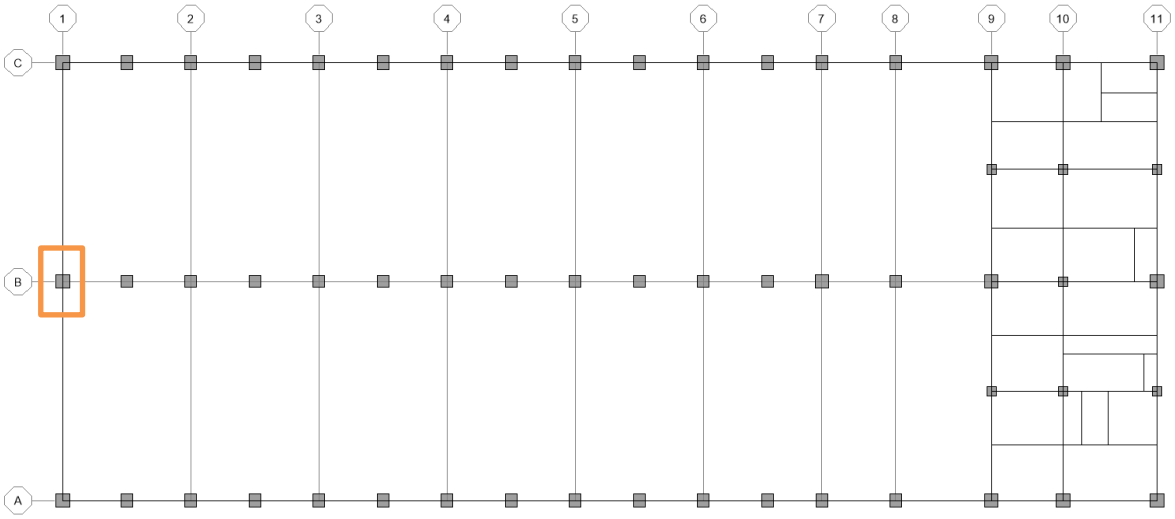


圖 59 RF 樑桿件剪力筋需求(柱線 5~9)

十五、柱桿件設計

各桿件配筋結果詳見「二十三、電腦報表輸出」。各桿件尺寸皆舉一配筋需求最大者為示範例進行設計及鋼筋配置如下。

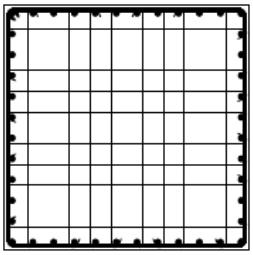
1. 柱尺寸 120cm X 120 cm (柱編號 : C1, C8, C11)以 C8 設計為例



RC柱設計				
柱編號：	C8	120	x	120
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
柱寬 x =	120	cm		
柱長 y =	120	cm		
保護層厚度 =	10	cm		
d' =	13	cm		
有效深度 dx =	107	cm		
有效深度 dy =	107	cm		
樓層高 hn =	5	m		
軸力 Pu =	1228.106	tf		
Mu,x =	492.426	tf-m	(M3)	
Mu,y =	106.04	tf-m	(M2)	
Vu,x =	0.915	tf	(V3)	
Vu,y =	313.224	tf	(V2)	

主筋採用	#10	主筋 db =	3.22	cm			
		主筋 Ab =	8.143	cm^2			
箍筋採用	#4	箍筋 db =	1.27	cm			
		箍筋 Ab =	1.267	cm^2			
	X向	Y向	TOTAL	鋼筋比			
主筋鋼筋根數	12	12	44	2.49%			
主筋淨間距min (cm)	4.83	4.83					
主筋淨間距 (cm)	5.35	5.35					
CHECK	OK	OK					
剪力設計							
Ag =	14400	cm^2					
Ach =	10000	cm^2					
he,x =	98.73	cm					
he,y =	98.73	cm					
x向							
Ash,x / s >	0.3 (he,x * f'c / fyh) * (Ag/Ach - 1) =				1.086	cm2 / cm	控制
	0.09 (he,x * f'c / fyh) =				0.740	cm2 / cm	
y向							
Ash,y / s >	0.3 (he,y * f'c / fyh) * (Ag/Ach - 1) =				1.086	cm2 / cm	控制
	0.09 (he,y * f'c / fyh) =				0.740	cm2 / cm	
受壓Pu =	1228.106	tf	>	0.05Agf'c	=	252	tf
Vcx =	127.3136	tf					
Vcy =	127.3136	tf					
圍束箍筋距離接頭 l_0 =		120	cm				
	圍束區		非圍束區				
	X向	Y向	X向	Y向			
Vs,req (tf)	1.220	417.632	0.000	290.318			
(Ash,x/s)req	0.003	0.929	0.000	0.646			
Ash,x / s	1.086	1.086	0.000	0.646			
N(箍筋+繫筋)	10	10	10	10			
Smax (cm)	15.00	15.00	15.00	15.00			
Sreq (cm)	11.67	11.67	15.00	15.00			
Sprop (cm)	10	10	15	15			
CHECK	OK	OK	OK	OK			

柱剖面配筋圖 ：

示意圖	
BxD	120 X 120
主筋	• 44 - #10
梁柱接頭	箍筋:# 4@10 繫筋:(8+8)-# 4@10
圍束區	箍筋:# 4@10 繫筋:(8+8)-# 4@10
非圍束區	箍筋:# 4@15 繫筋:(8+8)-# 4@15

ETABS :

Concrete Design Information ACI 318-08/IBC 2009

File

Units Ton-m

ACI 318-08/IBC 2009 COLUMN SECTION DESIGN Type: Sway Special Units: Ton-m (Summary)

Level	: 2F	L=5.000		
Element	: C23	B=1.200	D=1.200	dc=0.130
Section ID	: C8-120X120	E=2244994.000	fc=3500.000	Lt.Wt. Fac.=1.000
Combo ID	: U5EYA	fy=42000.000	fys=42000.000	
Station Loc	: 0.000	RLLF=1.000		

Phi(Compression-Spiral):	0.750	Overstrength Factor:	1.25
Phi(Compression-Tied):	0.650		
Phi(Tension Controlled):	0.900		
Phi(Shear):	0.750		
Phi(Seismic Shear):	0.600		
Phi(Joint Shear):	0.850		

AXIAL FORCE & BIAXIAL MOMENT CHECK FOR PU, M2, M3

Capacity Ratio	Design Pu	Design M2	Design M3	Minimum M2	Minimum M3
0.807	1228.106	106.040	492.426	62.928	62.928

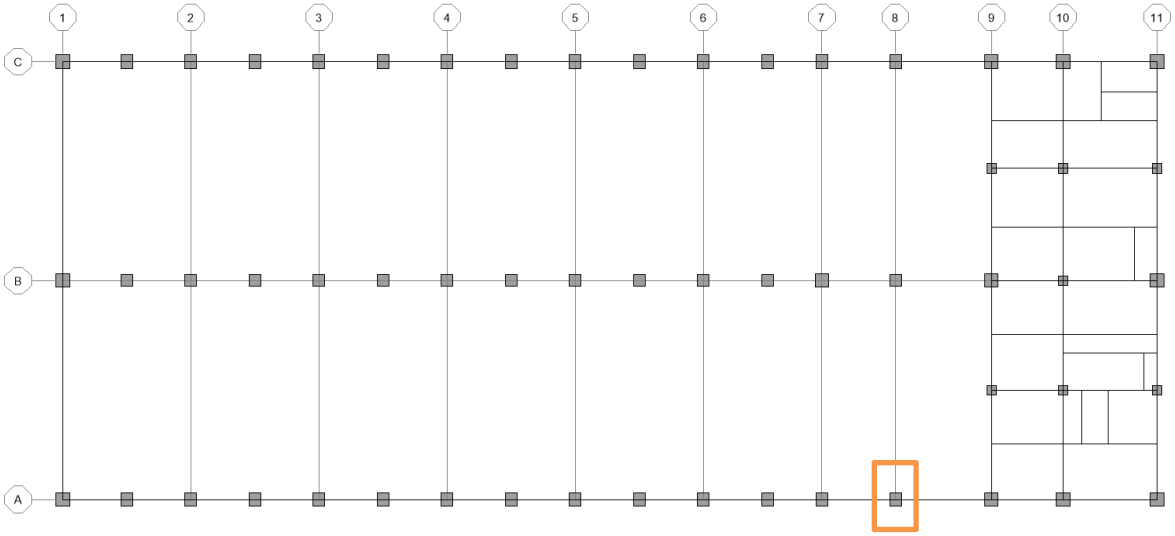
AXIAL FORCE & BIAXIAL MOMENT FACTORS

	Cm Factor	Delta_ns Factor	Delta_s Factor	K Factor	L Length
Major Bending(M3)	1.000	1.013	1.000	1.000	3.500
Minor Bending(M2)	1.000	1.685	1.000	1.000	19.500

SHEAR DESIGN FOR V2,V3

	Rebar Av/s	Shear Vu	Shear phi*Vc	Shear phi*Vs	Shear Vp
Major Shear(V2)	0.005	313.224	153.487	159.738	313.224
Minor Shear(V3)	0.000	0.915	122.791	0.000	313.224

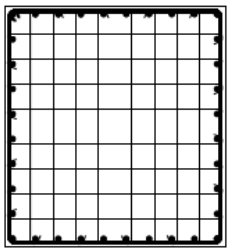
2. 柱尺寸 110cm X 120 cm (柱編號 : C2, C3, C4, C12)以 C3 為例



RC柱設計				
柱編號：	C3	110	x	120
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
柱寬 x =	110	cm		
柱長 y =	120	cm		
保護層厚度 =	10	cm		
d' =	13	cm		
有效深度 dx =	97	cm		
有效深度 dy =	107	cm		
樓層高 hn =	5.7	m		
軸力 Pu =	740.2	tf		
Mu,x =	352.677	tf-m	(M3)	
Mu,y =	35.707	tf-m	(M2)	
Vu,x =	10.04	tf	(V3)	
Vu,y =	63.585	tf	(V2)	
主筋採用	#10	主筋 db =	3.22	cm
		主筋 Ab =	8.143	cm^2
箍筋採用	#4	箍筋 db =	1.27	cm
		箍筋 Ab =	1.267	cm^2

	X向	Y向	TOTAL	鋼筋比			
主筋鋼筋根數	10	10	36	2.22%			
主筋淨間距min (cm)	4.83	4.83					
主筋淨間距 (cm)	6.14	7.25					
CHECK	OK	OK					
剪力設計							
Ag =	13200	cm^2					
Ach =	9000	cm^2					
he,x =	98.73	cm					
he,y =	88.73	cm					
x向							
Ash,x / s >	0.3 (he,x * f'c / fyh) * (Ag/Ach - 1) =				1.152	cm2 / cm	控制
	0.09 (he,x * f'c / fyh) =				0.740	cm2 / cm	
y向							
Ash,y / s >	0.3 (he,y * f'c / fyh) * (Ag/Ach - 1) =				1.035	cm2 / cm	控制
	0.09 (he,y * f'c / fyh) =				0.665	cm2 / cm	
受壓Pu =	740.2	tf	>	0.05Agf'c	=	231	tf
Vcx =	105.7972	tf					
Vcy =	127.3136	tf					
圍束箍筋距離接頭 l_0 =		120	cm				
	圍束區		非圍束區				
	X向	Y向	X向	Y向			
Vs,req (tf)	13.387	84.780	0.000	0.000			
(Ash,x/s)req	0.041	0.236	0.000	0.000			
Ash,x / s	1.152	1.035	0.000	0.000			
N(箍筋+繫筋)	10	10	10	10			
Smax (cm)	15.00	15.00	15.00	15.00			
Sreq (cm)	11.00	12.24	15.00	15.00			
Sprop (cm)	10	10	15	15			
CHECK	OK	OK	OK	OK			

柱剖面配筋圖 ：

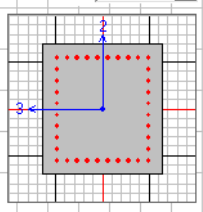
示意圖	
BxD	110 X 120
主筋	• 36 - #10
梁柱接頭	箍筋:# 4@10 繫筋:(8+8)-# 4@10
圍束區	箍筋:# 4@10 繫筋:(8+8)-# 4@10
非圍束區	箍筋:# 4@15 繫筋:(8+8)-# 4@15

ETABS :

Concrete Design Information ACI 318-08/IBC 2009

File

Units Ton-m



ACI 318-08/IBC 2009 COLUMN SECTION DESIGN Type: Sway Intermediate Units: Ton-m (Summary)

Level	: RF	L=5.700			
Element	: C15	B=1.100	D=1.200	dc=0.130	
Section ID	: C3-110X120	E=2244994.000	fc=3500.000	Lt.Wt. Fac.=1.000	
Combo ID	: U2	fy=42000.000	fys=42000.000		
Station Loc	: 4.500	RLLF=1.000			

Phi(Compression-Spiral):	0.750
Phi(Compression-Tied):	0.650
Phi(Tension Controlled):	0.900
Phi(Shear):	0.750
Phi(Seismic Shear):	0.600
Phi(Joint Shear):	0.850

AXIAL FORCE & BIAXIAL MOMENT CHECK FOR PU, M2, M3

Capacity Ratio	Design Pu	Design M2	Design M3	Minimum M2	Minimum M3
0.612	740.200	-35.707	352.677	35.707	37.928

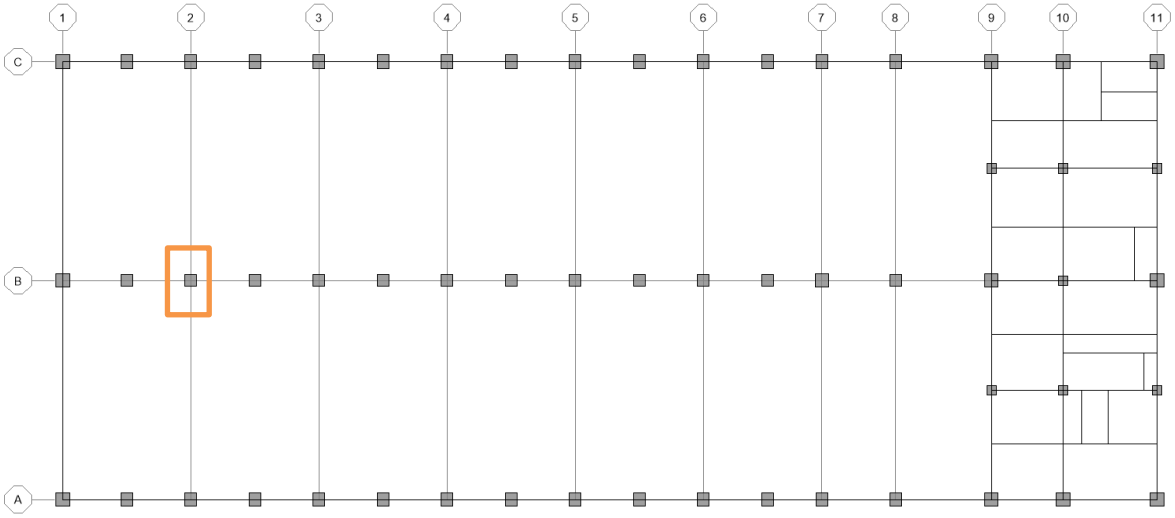
AXIAL FORCE & BIAXIAL MOMENT FACTORS

	Cm Factor	Delta_ns Factor	Delta_s Factor	K Factor	L Length
Major Bending(M3)	1.000	1.396	1.000	1.000	19.500
Minor Bending(M2)	0.270	1.000	1.000	1.000	4.500

SHEAR DESIGN FOR V2,V3

	Rebar Av/s	Shear Vu	Shear phi*Vc	Shear phi*Vs	Shear Vp
Major Shear(V2)	0.000	63.585	122.505	0.000	62.249
Minor Shear(V3)	0.000	10.040	121.152	0.000	61.911

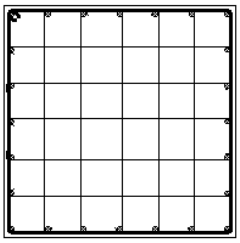
3. 柱尺寸 115cm X 115 cm (柱編號 : C9, C10)以 C9 為例



RC柱設計				
柱編號：	C9	115	x	115
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
柱寬 x =	115	cm		
柱長 y =	115	cm		
保護層厚度 =	4	cm		
d' =	8	cm		
有效深度 dx =	107	cm		
有效深度 dy =	107	cm		
樓層高 hn =	20.7	m		
軸力 Pu =	739.542	tf		
Mu,x =	397.625	tf-m	(M3)	
Mu,y =	36.785	tf-m	(M2)	
Vu,x =	0.293	tf	(V3)	
Vu,y =	30.966	tf	(V2)	
主筋採用	#10	主筋 db =	3.22	cm
		主筋 Ab =	8.143	cm^2
箍筋採用	#4	箍筋 db =	1.27	cm
		箍筋 Ab =	1.267	cm^2

	X向	Y向	TOTAL	鋼筋比			
主筋鋼筋根數	7	7	24	1.48%			
主筋淨間距min (cm)	4.83	4.83					
主筋淨間距 (cm)	13.65	13.65					
CHECK	OK	OK					
剪力設計							
Ag =	13225	cm^2					
Ach =	11449	cm^2					
he,x =	105.73	cm					
he,y =	105.73	cm					
x向							
Ash,x / s >	0.3 (he,x * f'c / fyh) * (Ag/Ach - 1) =				0.410	cm2 / cm	
	0.09 (he,x * f'c / fyh) =				0.793	cm2 / cm	控制
y向							
Ash,y / s >	0.3 (he,y * f'c / fyh) * (Ag/Ach - 1) =				0.410	cm2 / cm	
	0.09 (he,y * f'c / fyh) =				0.793	cm2 / cm	控制
受壓Pu =	739.542	tf	>	0.05Agf'c	=	231.4375	tf
Vcx =	122.0089	tf					
Vcy =	122.0089	tf					
圍束箍筋距離接頭 l_0 =		345	cm				
	圍束區		非圍束區				
	X向	Y向	X向	Y向			
Vs,req (tf)	0.391	41.288	0.000	0.000			
(Ash,x/s)req	0.001	0.115	0.000	0.000			
Ash,x / s	0.793	0.793	0.000	0.000			
N(箍筋+繫筋)	7	7	7	7			
Smax (cm)	15.00	15.00	15.00	15.00			
Sreq (cm)	11.18	11.18	15.00	15.00			
Sprop (cm)	10	10	10	10			
CHECK	OK	OK	OK	OK			

柱剖面配筋圖 ：

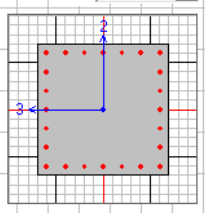
示意圖	
BxD	115 X 115
主筋	◦ 24 - #10
梁柱接頭	 箍筋：# 4@10 繫筋：(5+5)-# 4@10
圍束區	 箍筋：# 4@10 繫筋：(5+5)-# 4@10
非圍束區	 箍筋：# 4@10 繫筋：(5+5)-# 4@10

ETABS :

Concrete Design Information ACI 318-08/IBC 2009

File

Units: Ton-m



ACI 318-08/IBC 2009 COLUMN SECTION DESIGN Type: Sway Special Units: Ton-m (Summary)

Level	: 2F	L=5.000		
Element	: C25	B=1.150	D=1.150	dc=0.080
Section ID	: C9-115X115	E=2244994.000	fc=3500.000	Lt.Wt. Fac.=1.000
Combo ID	: U5EYA	fy=42000.000	fys=42000.000	
Station Loc	: 0.000	RLLF=1.000		

Phi(Compression-Spiral):	0.750	Overstrength Factor:	1.25
Phi(Compression-Tied):	0.650		
Phi(Tension Controlled):	0.900		
Phi(Shear):	0.750		
Phi(Seismic Shear):	0.600		
Phi(Joint Shear):	0.850		

AXIAL FORCE & BIAXIAL MOMENT CHECK FOR PU, M2, M3

Capacity Ratio	Design Pu	Design M2	Design M3	Minimum M2	Minimum M3
0.732	739.542	51.829	397.625	36.785	36.785

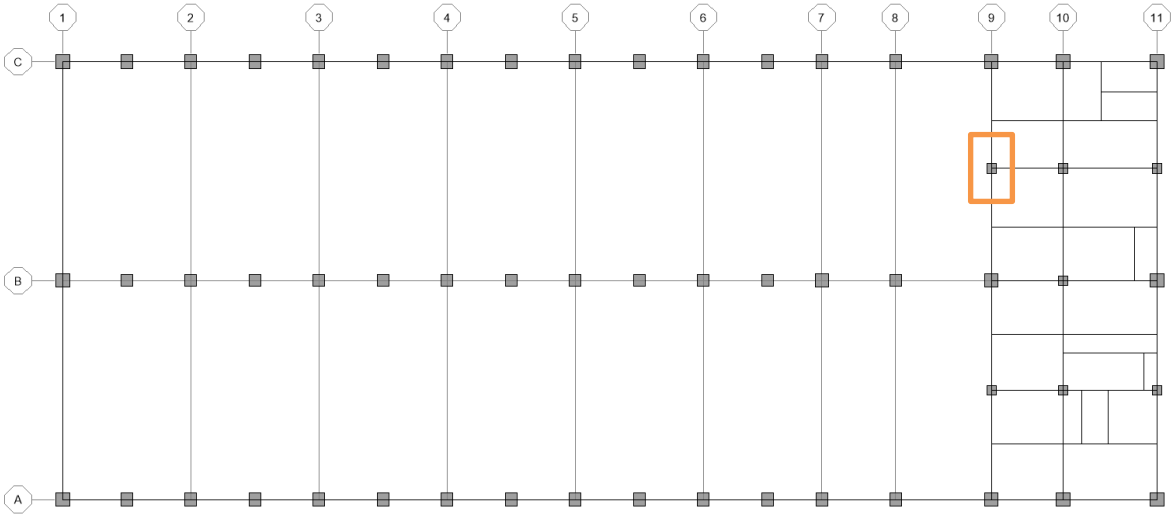
AXIAL FORCE & BIAXIAL MOMENT FACTORS

	Cm Factor	Delta_ns Factor	Delta_s Factor	K Factor	L Length
Major Bending(M3)	1.000	1.409	1.000	1.000	19.500
Minor Bending(M2)	1.000	1.409	1.000	1.000	19.500

SHEAR DESIGN FOR V2,V3

	Rebar Av/s	Shear Vu	Shear phi*Vc	Shear phi*Vs	Shear Vp
Major Shear(V2)	0.000	30.966	102.378	0.000	0.000
Minor Shear(V3)	0.000	0.293	102.378	0.000	0.000

4. 柱尺寸 90cm X 90 cm (柱編號：C5, C6, C7)以 C6 為例



RC柱設計				
柱編號：	C6	90	x	90
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
柱寬 x =	90	cm		
柱長 y =	90	cm		
保護層厚度 =	10	cm		
d' =	13	cm		
有效深度 dx =	77	cm		
有效深度 dy =	77	cm		
樓層高 hn =	5.7	m		
軸力 Pu =	99.203	tf		
Mu,x =	242.039	tf-m	(M3)	
Mu,y =	13.401	tf-m	(M2)	
Vu,x =	1.984	tf	(V3)	
Vu,y =	100.537	tf	(V2)	
主筋採用	#10	主筋 db =	3.22	cm
		主筋 Ab =	8.143	cm^2
箍筋採用	#4	箍筋 db =	1.27	cm
		箍筋 Ab =	1.267	cm^2

	X向	Y向	TOTAL	鋼筋比
主筋鋼筋根數	8	8	28	2.81%
主筋淨間距min (cm)	4.83	4.83		
主筋淨間距 (cm)	5.96	5.96		
CHECK	OK	OK		

剪力設計							
Ag =	8100	cm^2					
Ach =	5184	cm^2					
he,x =	70.73	cm					
he,y =	70.73	cm					
x向							
Ash,x / s >	0.3 (he,x * f'c / fyh) * (Ag/Ach - 1) =				0.995	cm2 / cm	控制
	0.09 (he,x * f'c / fyh) =				0.530	cm2 / cm	
y向							
Ash,y / s >	0.3 (he,y * f'c / fyh) * (Ag/Ach - 1) =				0.995	cm2 / cm	控制
	0.09 (he,y * f'c / fyh) =				0.530	cm2 / cm	
受壓Pu =	99.203	tf	<	0.05Agf'c	=	141.75	tf
Vcx =	0	tf					
Vcy =	0	tf					
圍束箍筋距離接頭 l_0 =		95	cm				
	圍束區		非圍束區				
	X向	Y向	X向	Y向			
Vs,req (tf)	2.645	134.049	2.645	134.049			
(Ash,x/s)req	0.010	0.518	0.010	0.518			
Ash,x / s	0.995	0.995	0.010	0.518			
N(箍筋+繫筋)	8	8	8	8			
Smax (cm)	15.00	15.00	15.00	15.00			
Sreq (cm)	10.19	10.19	15.00	15.00			
Sprop (cm)	10	10	15	15			
CHECK	OK	OK	OK	OK			

柱剖面配筋圖 ：

示意圖	
BxD	90 X 90
主筋	• 28 - #10
梁柱接頭	箍筋:# 4@10 繫筋:(6+6)-# 4@10
圍束區	箍筋:# 4@10 繫筋:(6+6)-# 4@10
非圍束區	箍筋:# 4@15 繫筋:(6+6)-# 4@15

ETABS :

Concrete Design Information ACI 318-08/IBC 2009

File

Units: Ton-m

ACI 318-08/IBC 2009 COLUMN SECTION DESIGN Type: Sway Ordinary Units: Ton-m (Summary)

Level	: RF	L=5.700			
Element	: C40	B=0.900	D=0.900	dc=0.130	
Section ID	: C6-90X90	E=2244994.000	fc=3500.000	Lt.Wt. Fac.=1.000	
Combo ID	: U5EYA	fy=42000.000	fys=42000.000		
Station Loc	: 4.500	RLLF=1.000			

Phi(Compression-Spiral):	0.750
Phi(Compression-Tied):	0.650
Phi(Tension Controlled):	0.900
Phi(Shear):	0.750
Phi(Seismic Shear):	0.600
Phi(Joint Shear):	0.850

AXIAL FORCE & BIAXIAL MOMENT CHECK FOR PU, M2, M3

Capacity Ratio	Design Pu	Design M2	Design M3	Minimum M2	Minimum M3
0.782	99.203	13.401	-242.039	4.190	4.190

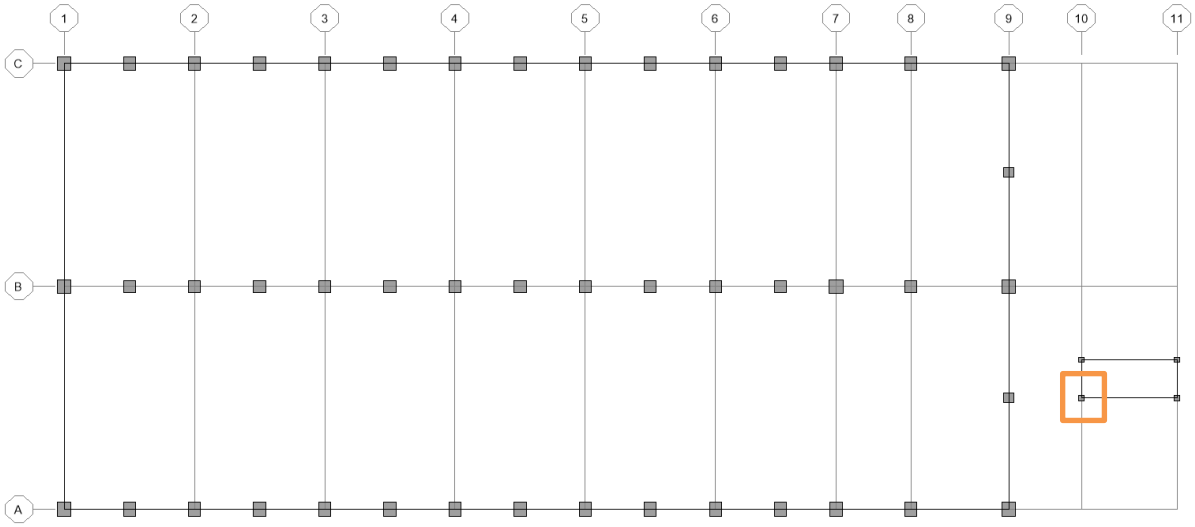
AXIAL FORCE & BIAXIAL MOMENT FACTORS

	Cm Factor	Delta_ns Factor	Delta_s Factor	K Factor	L Length
Major Bending(M3)	1.000	1.006	1.000	1.000	4.500
Minor Bending(M2)	1.000	1.025	1.000	1.000	9.500

SHEAR DESIGN FOR V2,V3

	Rebar Av/s	Shear Vu	Shear phi*Vc	Shear phi*Vs	Shear Vp
Major Shear(V2)	0.002	100.537	56.057	44.481	0.000
Minor Shear(V3)	0.000	1.984	56.376	0.000	0.000

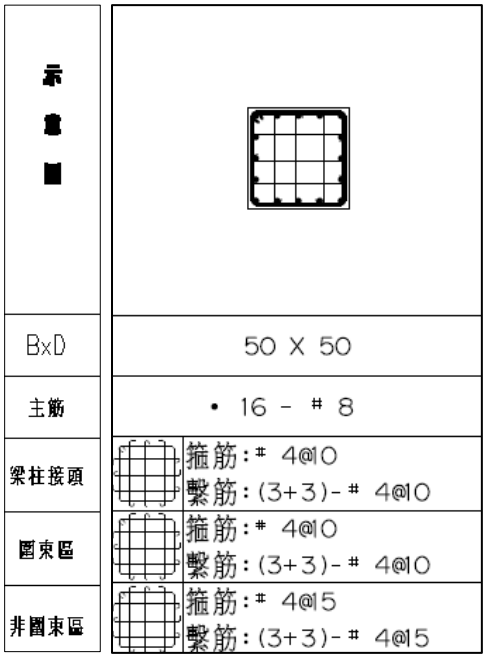
5. 柱尺寸 50cm X 50cm (柱編號 : C7, C13)以 C7 為例



RC柱設計				
柱編號：	C7	50	x	50
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
柱寬 x =	50	cm		
柱長 y =	50	cm		
保護層厚度 =	5	cm		
d' =	10	cm		
有效深度 dx =	40	cm		
有效深度 dy =	40	cm		
樓層高 hn =	3.4	m		
軸力 Pu =	32.165	tf		
Mu,x =	17	tf-m	(M3)	
Mu,y =	25.921	tf-m	(M2)	
Vu,x =	12.897	tf	(V3)	
Vu,y =	21.737	tf	(V2)	
主筋採用	#8	主筋 db =	2.54	cm
		主筋 Ab =	5.067	cm^2
箍筋採用	#4	箍筋 db =	1.27	cm
		箍筋 Ab =	1.267	cm^2

	X向	Y向	TOTAL	鋼筋比			
主筋鋼筋根數	5	5	16	3.24%			
主筋淨間距min (cm)	4	4					
主筋淨間距 (cm)	6.19	6.19					
CHECK	OK	OK					
剪力設計							
Ag =	2500	cm^2					
Ach =	1600	cm^2					
he,x =	38.73	cm					
he,y =	38.73	cm					
x向							
Ash,x / s >	0.3 (he,x * f'c / fyh) * (Ag/Ach - 1) =				0.545	cm2 / cm	控制
	0.09 (he,x * f'c / fyh) =				0.290	cm2 / cm	
y向							
Ash,y / s >	0.3 (he,y * f'c / fyh) * (Ag/Ach - 1) =				0.545	cm2 / cm	控制
	0.09 (he,y * f'c / fyh) =				0.290	cm2 / cm	
受壓Pu =	32.165	tf	<	0.05Agf'c	=	43.75	tf
Vcx =	0	tf					
Vcy =	0	tf					
圍束箍筋距離接頭 l_0 =		56.66667	cm				
	圍束區		非圍束區				
	X向	Y向	X向	Y向			
Vs,req (tf)	17.196	28.983	17.196	28.983			
(Ash,x/s)req	0.128	0.216	0.128	0.216			
Ash,x / s	0.545	0.545	0.128	0.216			
N(箍筋+繫筋)	5	5	5	5			
Smax (cm)	12.50	12.50	15.00	15.00			
Sreq (cm)	11.63	11.63	15.00	15.00			
Sprop (cm)	10	10	15	15			
CHECK	OK	OK	OK	OK			

柱剖面配筋圖 ：



ETABS :

Concrete Design Information ACI 318-08/IBC 2009

File

Units Ton-m

ACI 318-08/IBC 2009 COLUMN SECTION DESIGN Type: Sway Special Units: Ton-m (Summary)

Level	: 4F	L=3.400		
Element	: C20-1	B=0.500	D=0.500	dc=0.100
Section ID	: C14-50X50	E=2244994.000	fc=3500.000	Lt.Wt. Fac.=1.000
Combo ID	: U5DYA	fy=42000.000	fys=42000.000	
Station Loc	: 0.000	RLLF=1.000		

Phi(Compression-Spiral):	0.750	Overstrength Factor:	1.25
Phi(Compression-Tied):	0.650		
Phi(Tension Controlled):	0.900		
Phi(Shear):	0.750		
Phi(Seismic Shear):	0.600		
Phi(Joint Shear):	0.850		

AXIAL FORCE & BIAXIAL MOMENT CHECK FOR PU, M2, M3

Capacity Ratio	Design Pu	Design M2	Design M3	Minimum M2	Minimum M3
0.782	32.443	25.960	-17.173	0.981	0.981

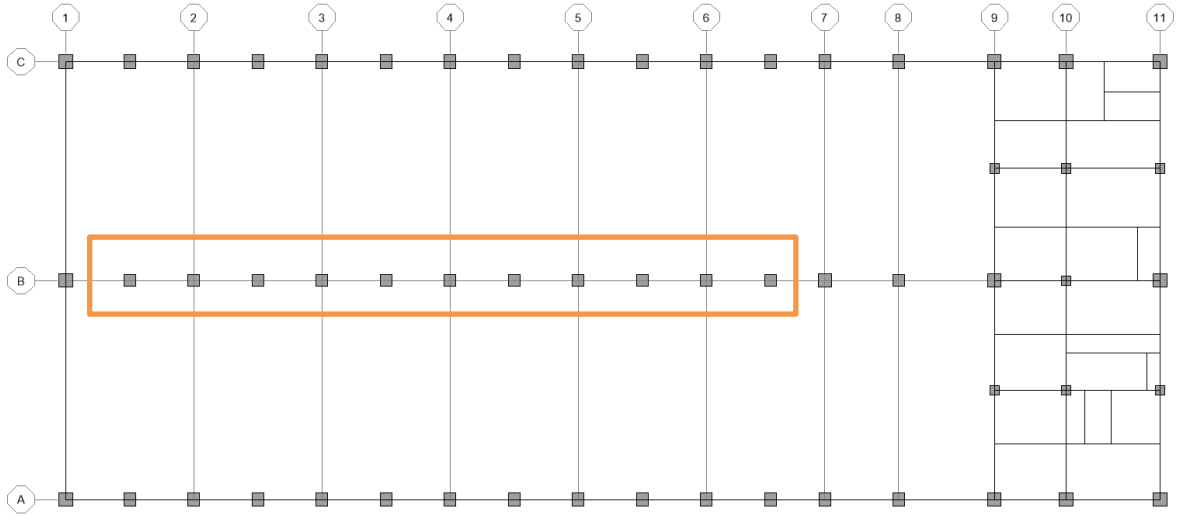
AXIAL FORCE & BIAXIAL MOMENT FACTORS

	Cm Factor	Delta_ns Factor	Delta_s Factor	K Factor	L Length
Major Bending(M3)	1.000	1.008	1.000	1.000	2.900
Minor Bending(M2)	1.000	1.008	1.000	1.000	2.900

SHEAR DESIGN FOR V2,V3

	Rebar Av/s	Shear Vu	Shear phi*Vc	Shear phi*Vs	Shear Vp
Major Shear(V2)	0.002	21.915	0.000	21.915	21.915
Minor Shear(V3)	0.001	12.904	0.000	12.904	21.915

6. 柱線 B 之中間柱 C9(標示於下圖)彈性挫屈檢核

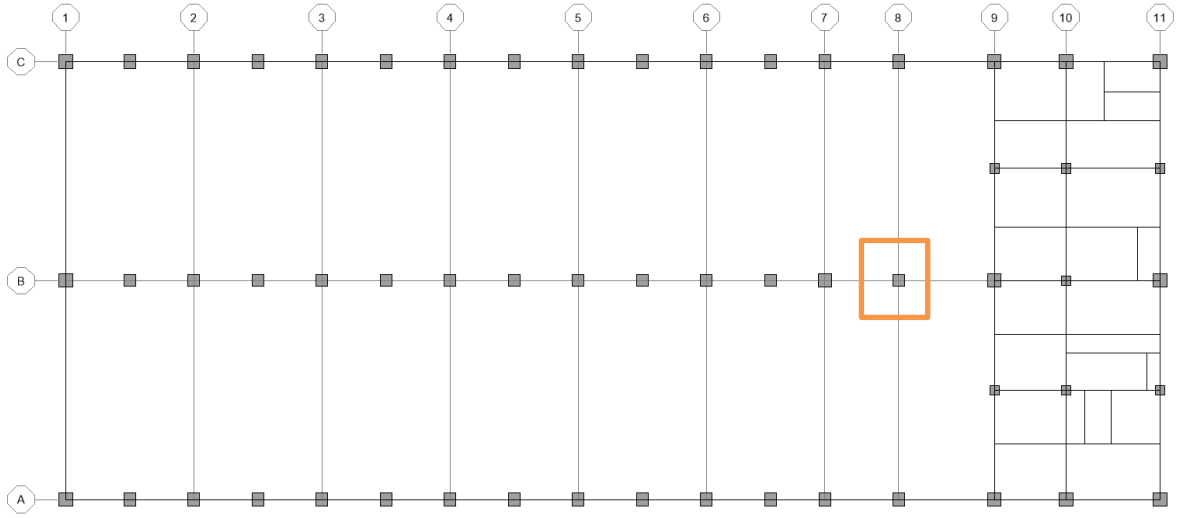


考慮柱頂側移且柱頂及柱底皆為剛接(k 值為 1.2)，柱未支撐長度 lu=20.7-1.2=19.5m，屋頂版靜載重為 1.24 tf/m^2、活載重為 0.25 tf/m^2，吊車活載重為 254.04 tf。柱軸力值取 P_D=屋頂版靜載重+屋頂樑靜載重=1.24*20.5*6+2.4*0.9*1.2*20.5*2+2.4*0.9*1.2*6=274.344 tf，P_L=屋頂版活載重+吊車活載重=0.25*20.5*6+254.04=284.79 tf ，彈性挫屈檢核如下：

fc =	350	kgf/cm^2	
Ec =	224499	kgf/cm^2	
柱長 x1 =	115	cm	
柱寬 x2 =	115	cm	
k =	1.2		
lu =	19.5	m	
P_D =	274.344	tf	
P_L =	284.79	tf	
Pu =	784.877	tf	
Ig =	14575052	cm^4	
I = 0.3Ig =	4372516	cm^4	
βdns = 1.4P_D / Pu =		0.489	
$(EI)_{eff}$ =	Ec I / (1+βdns)		
=	6.59E+11	kgf-cm^2	
臨界挫屈載重Pc =		$\pi^2(EI)_{eff}$ / (klu)^2	
=		1188.00	tf
Ratio = Pu / ψPc =		0.88	
OK!			

經檢核得 Ratio = Pu/ ϕ Pc = 0.88 < 1，檢核結果顯示無需增加側向支撐。

7. 柱線 B 之中間柱 C11(標示於下圖)彈性挫屈檢核



考慮柱頂側移且柱頂及柱底皆為剛接(k 值為 1.2)，柱未支撐長度 lu=20.7-1.2=19.5m，屋頂版靜載重為 1.24 tf/m^2、活載重為 0.25 tf/m^2，吊車活載重為 254.04 tf。柱軸力值取 P_D=屋頂版靜載重+屋頂樑靜載重=1.24*20.5*(6.9+9)/2 +2.4*0.9*1.2*20.5*1+2.4*0.9*1.1*20.5*1.5+2.4*0.9*1.2*6.9/2+2.4*1*1.5*9/2 =353.429 tf，P_L=屋頂版活載重+吊車活載重=0.25*20.5*(6.9+9)/2+254.04=294.78 tf ，彈性挫屈檢核如下：

f'c =	350	kgf/cm^2	
Ec =	224499	kgf/cm^2	
柱長 x1 =	120	cm	
柱寬 x2 =	120	cm	
k =	1.2		
lu =	19.5	m	
P_D =	353.429	tf	
P_L =	294.78	tf	
Pu =	895.763	tf	
Ig =	17280000	cm^4	
I = 0.3Ig =	5184000	cm^4	
βdns = 1.4P_D / Pu =	0.552		
$(EI)_{eff}$ =	Ec I / (1+βdns)		
=	7.5E+11	kgf-cm^2	
臨界挫屈載重Pc =	$\pi^2(EI)_{eff}$ / $(klu)^2$		
=	1351.30	tf	
Ratio = Pu / ψPc =	0.88		
OK!			

經檢核得 Ratio = Pu/ ϕ Pc = 0.88 < 1，檢核結果顯示無需增加側向支撐。

8. 柱桿件主筋應力比(需求/容量)

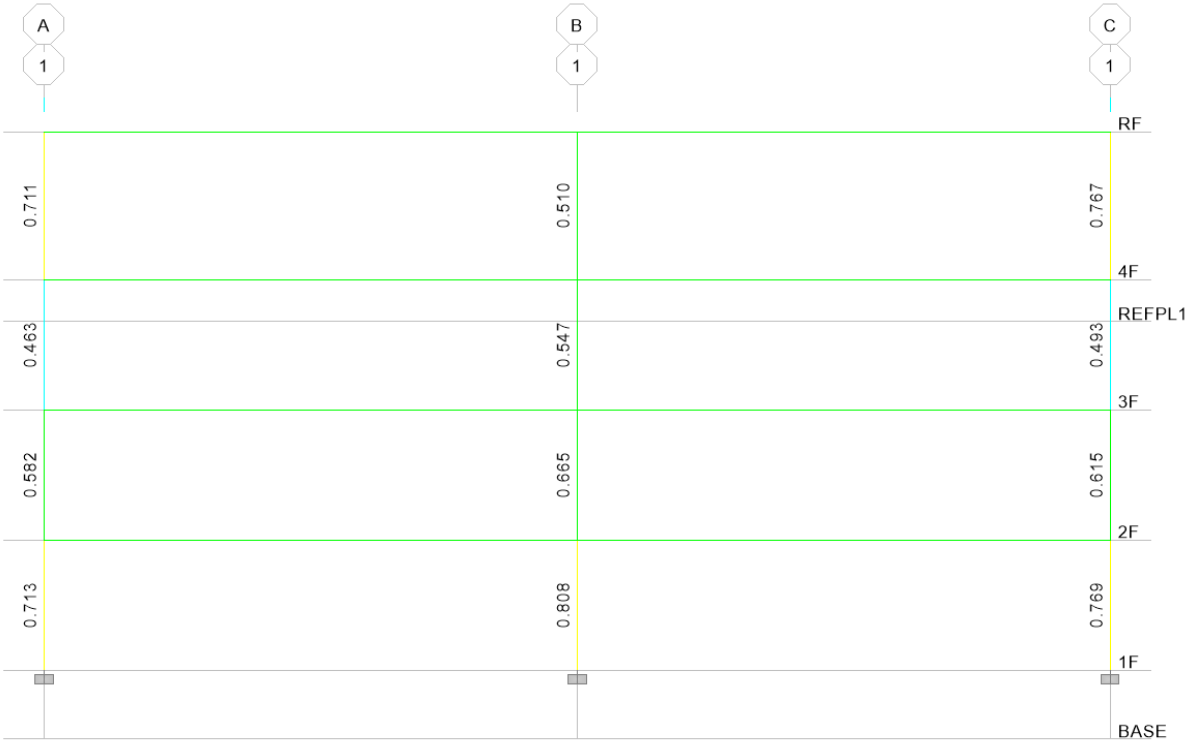


圖 60 柱線 1 柱桿件主筋應力比(需求/容量)

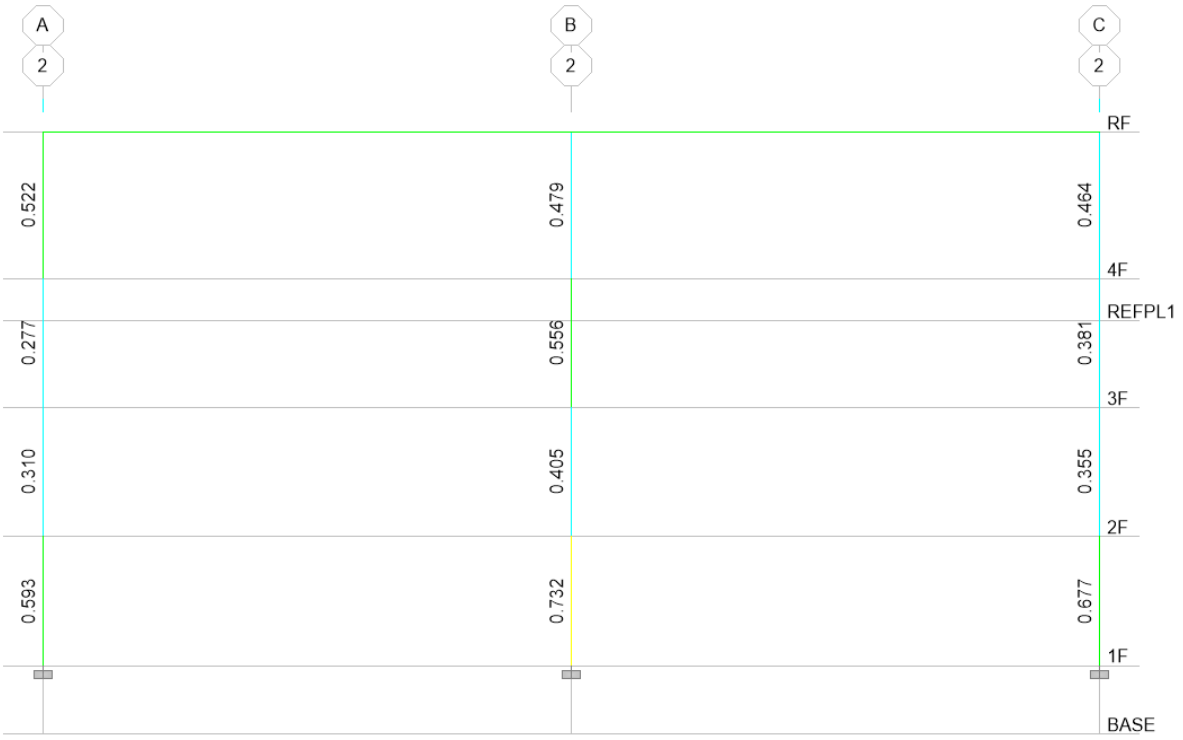


圖 61 柱線 2 柱桿件主筋應力比(需求/容量)

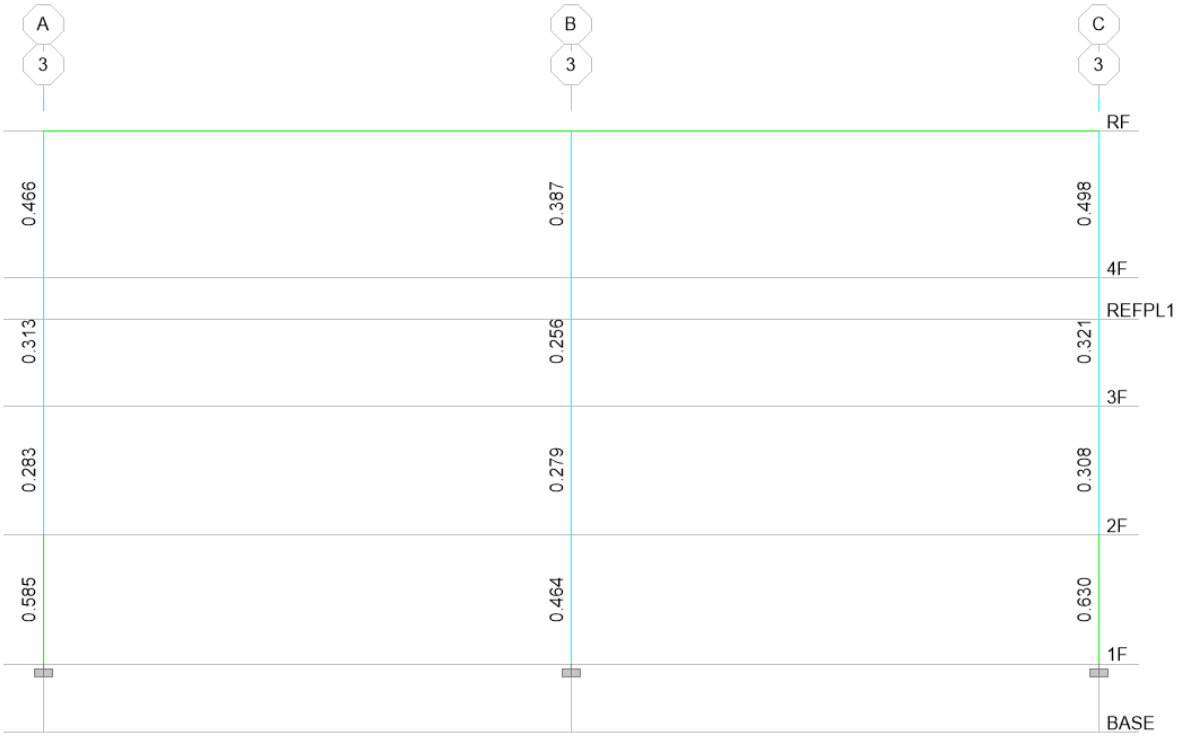


圖 62 柱線 3 柱桿件主筋應力比(需求/容量)

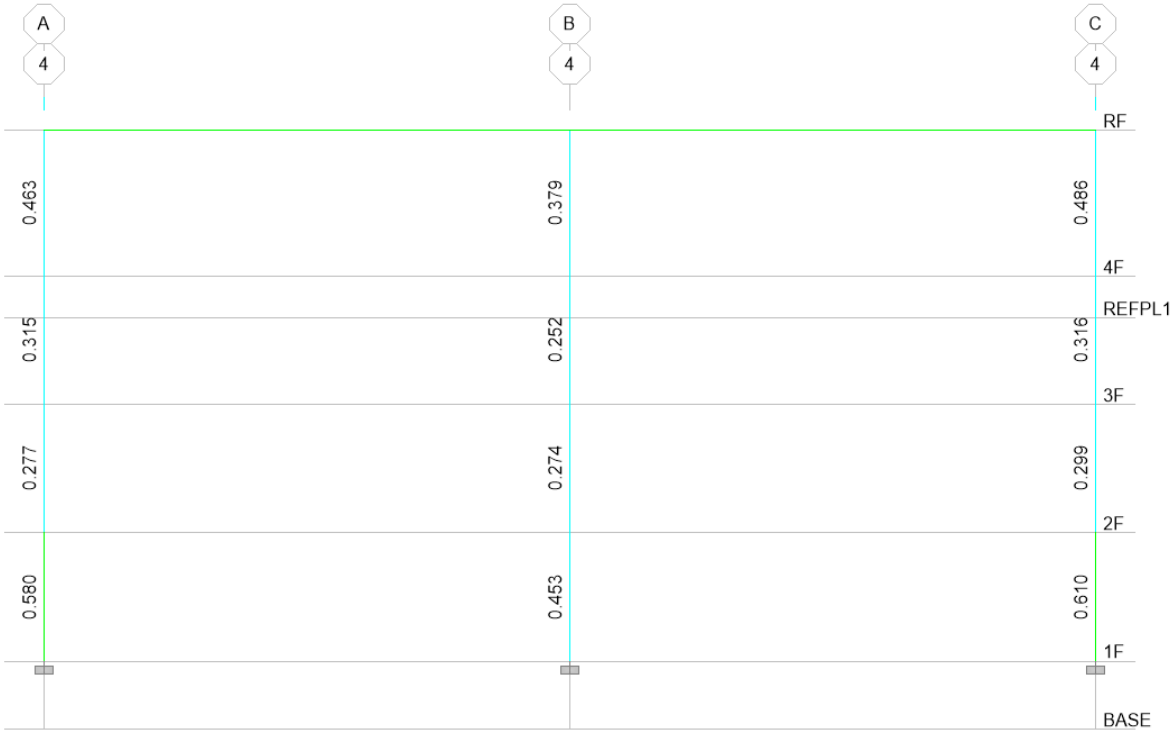


圖 63 柱線 4 柱桿件主筋應力比(需求/容量)

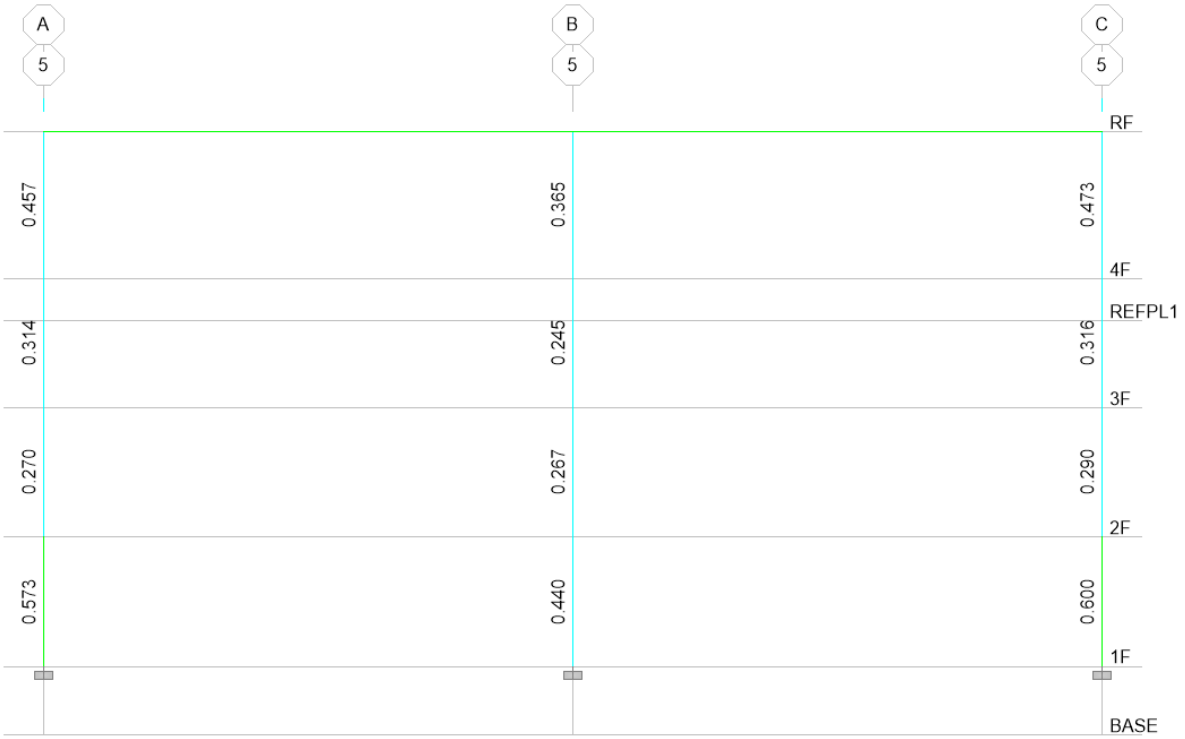


圖 64 柱線 5 柱桿件主筋應力比(需求/容量)

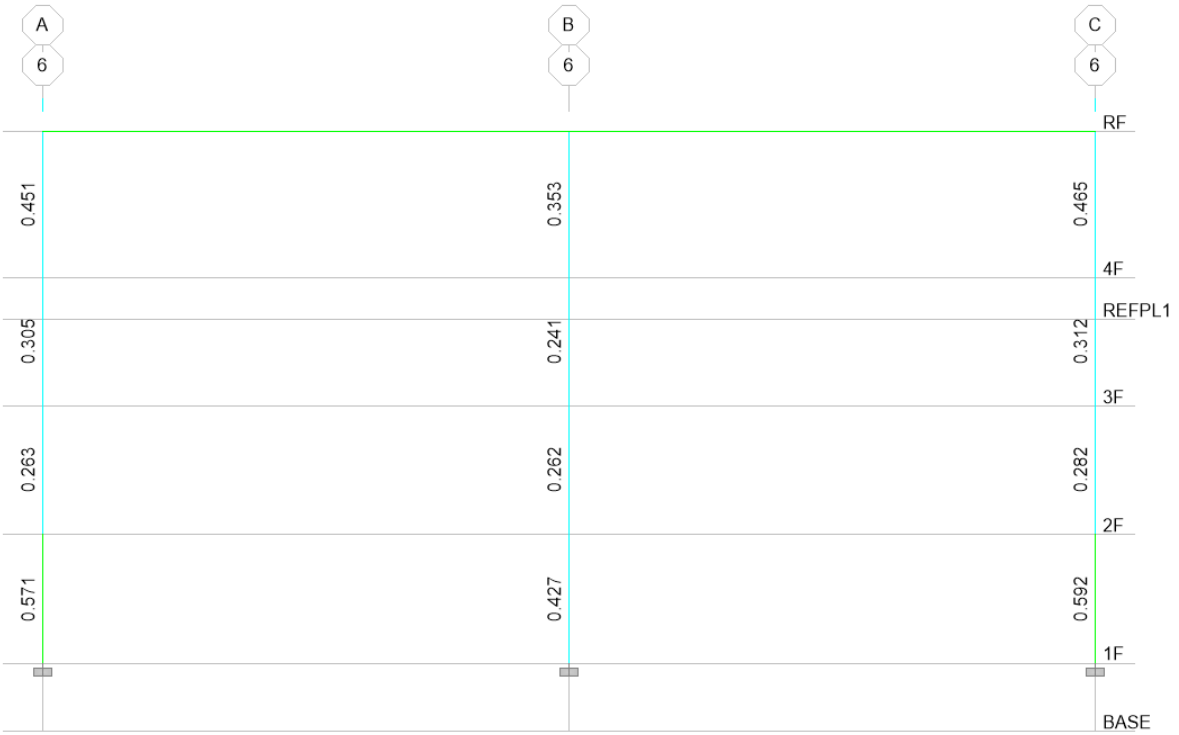


圖 65 柱線 6 柱桿件主筋應力比(需求/容量)

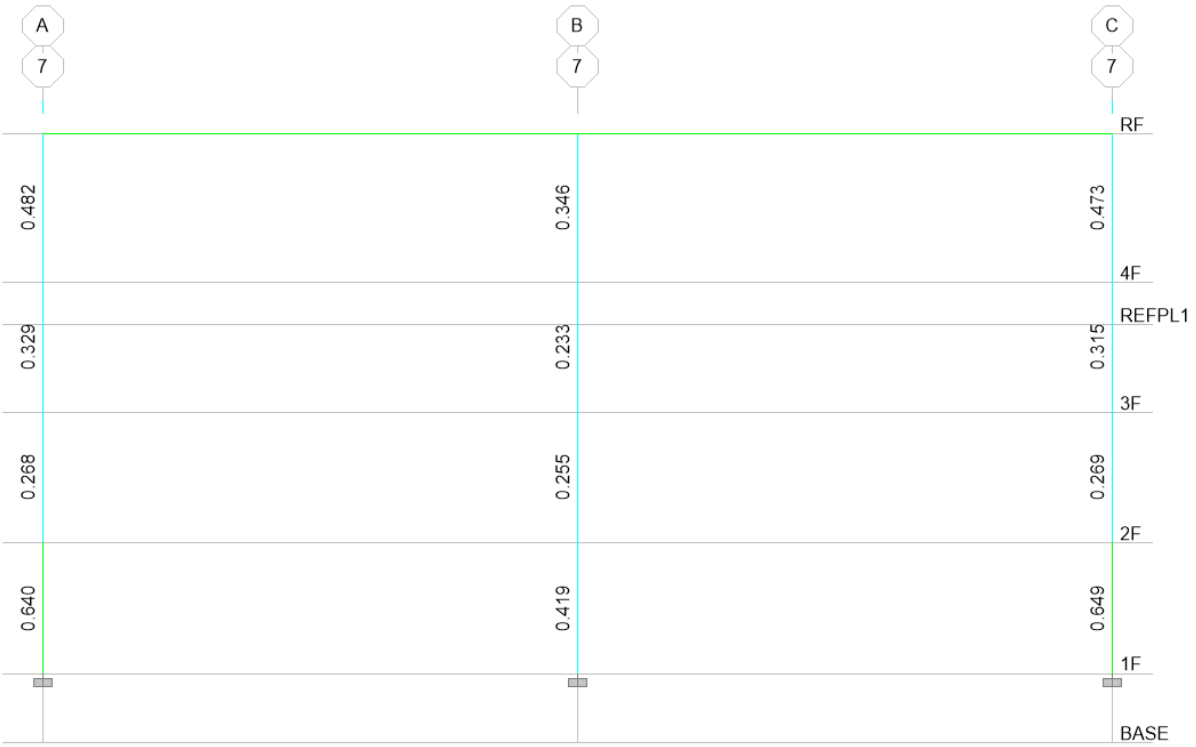


圖 66 柱線 7 柱桿件主筋應力比(需求/容量)

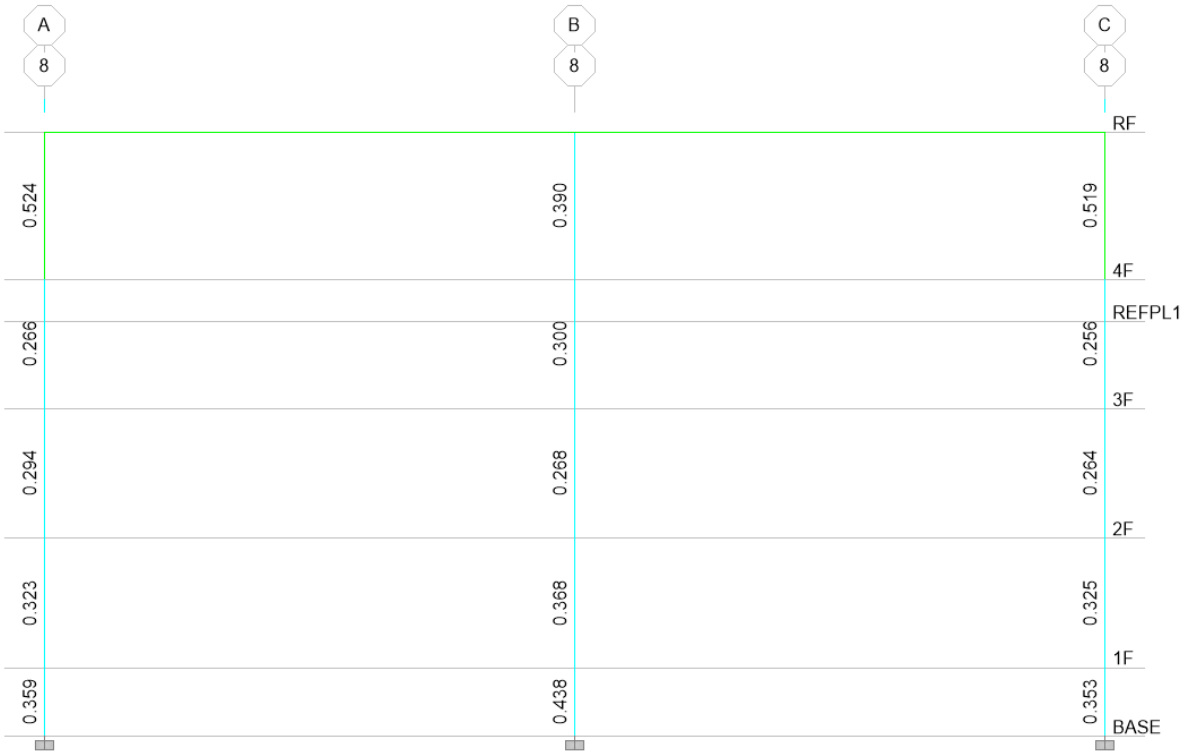


圖 67 柱線 8 柱桿件主筋應力比(需求/容量)

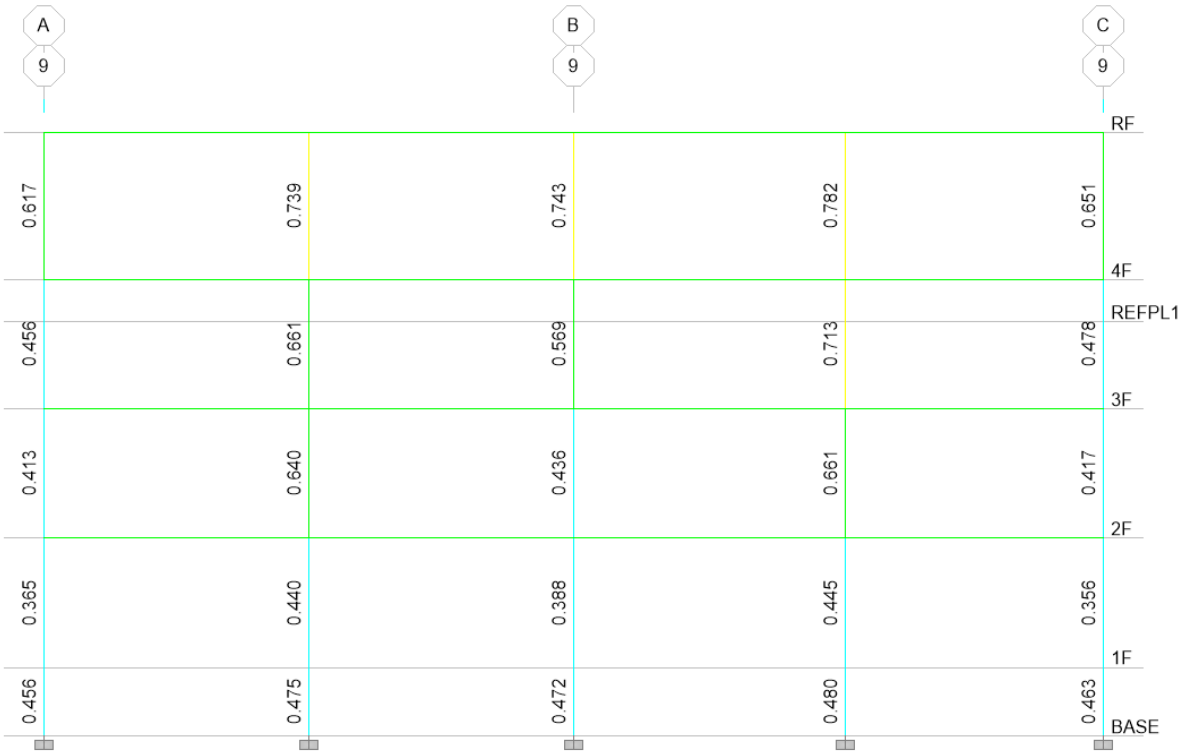


圖 68 柱線 9 柱桿件主筋應力比(需求/容量)



圖 69 柱線 10 柱桿件主筋應力比(需求/容量)

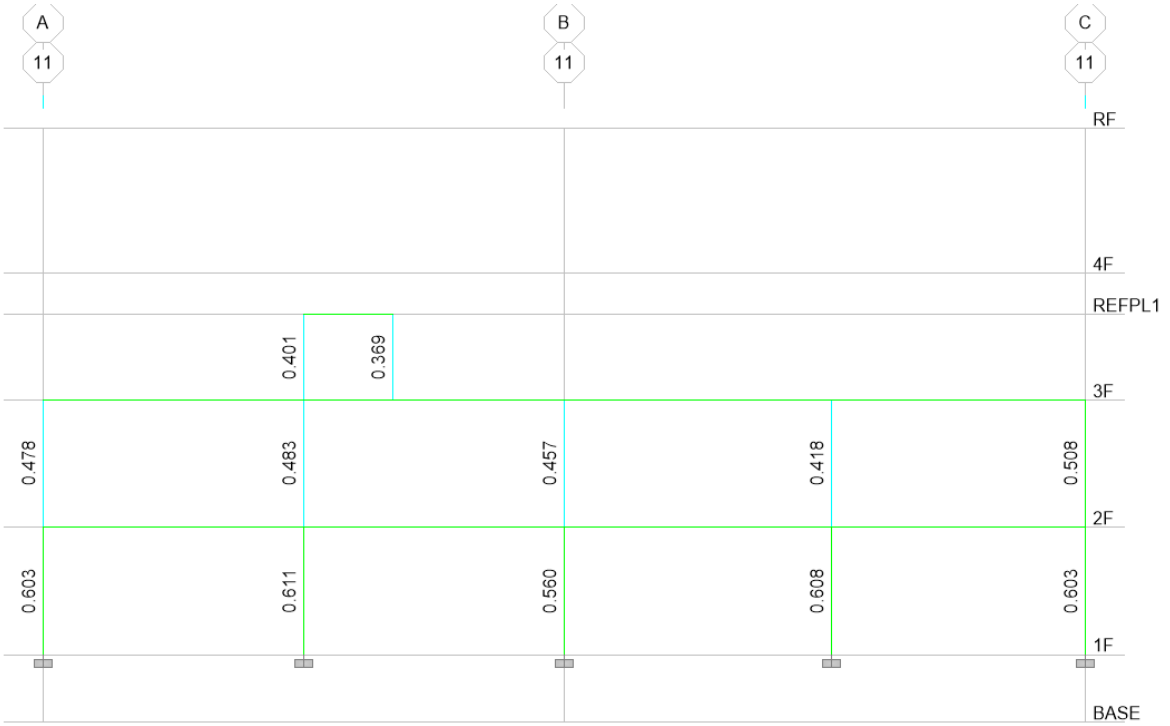


圖 70 柱線 11 柱桿件主筋應力比(需求/容量)

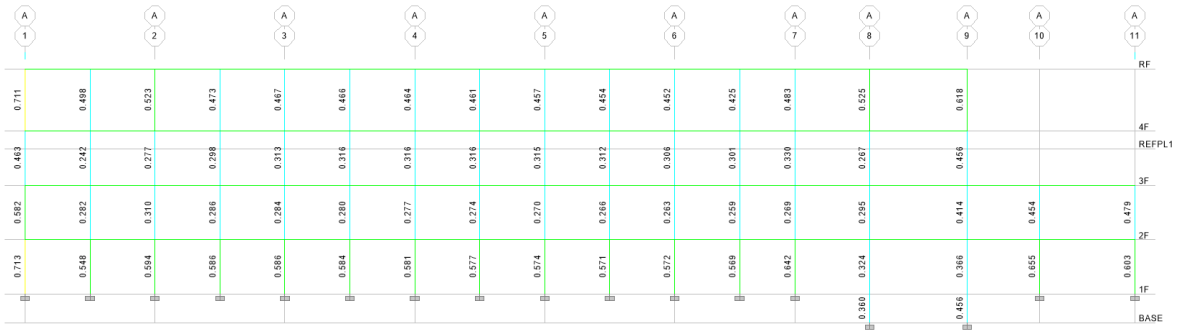


圖 71 柱線 A 柱桿件主筋應力比(需求/容量)

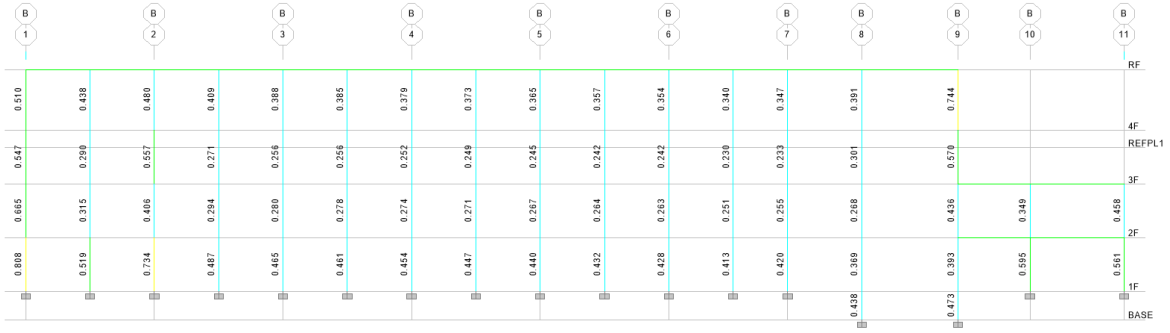


圖 72 柱線 B 柱桿件主筋應力比(需求/容量)

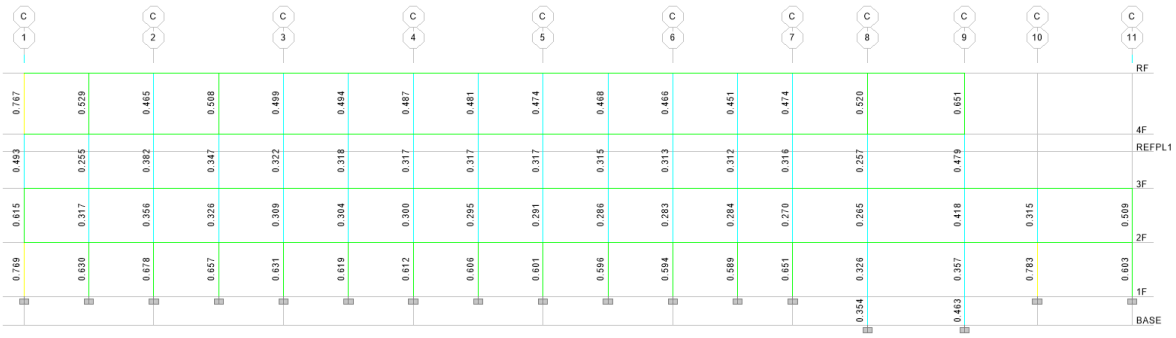


圖 73 柱線 C 柱桿件主筋應力比(需求/容量)

9. 柱桿件剪力筋配筋(單位：cm^2/cm)



圖 74 柱線 1 柱桿件剪力筋需求



圖 75 柱線 2 柱桿件剪力筋需求



圖 76 柱線 3 柱桿件剪力筋需求



圖 77 柱線 4 柱桿件剪力筋需求

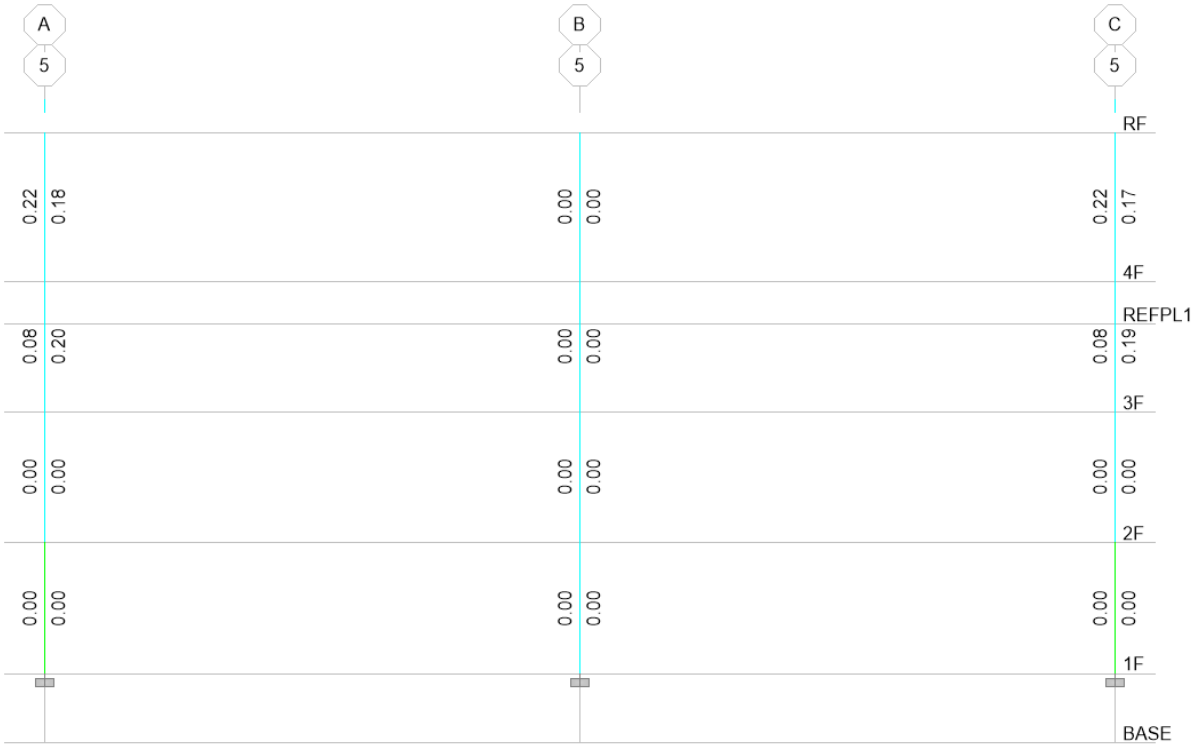


圖 78 柱線 5 柱桿件剪力筋需求



圖 79 柱線 6 柱桿件剪力筋需求



圖 80 柱線 7 柱桿件剪力筋需求



圖 81 柱線 8 柱桿件剪力筋需求

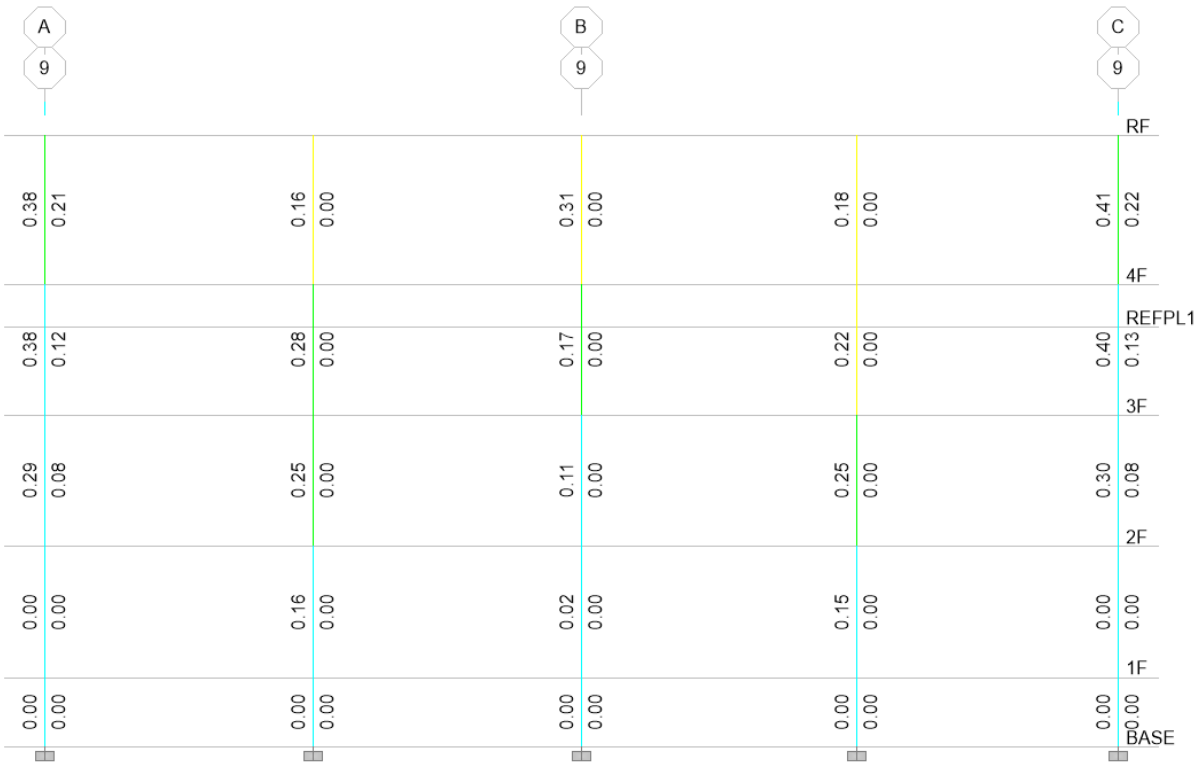


圖 82 柱線 9 柱桿件剪力筋需求

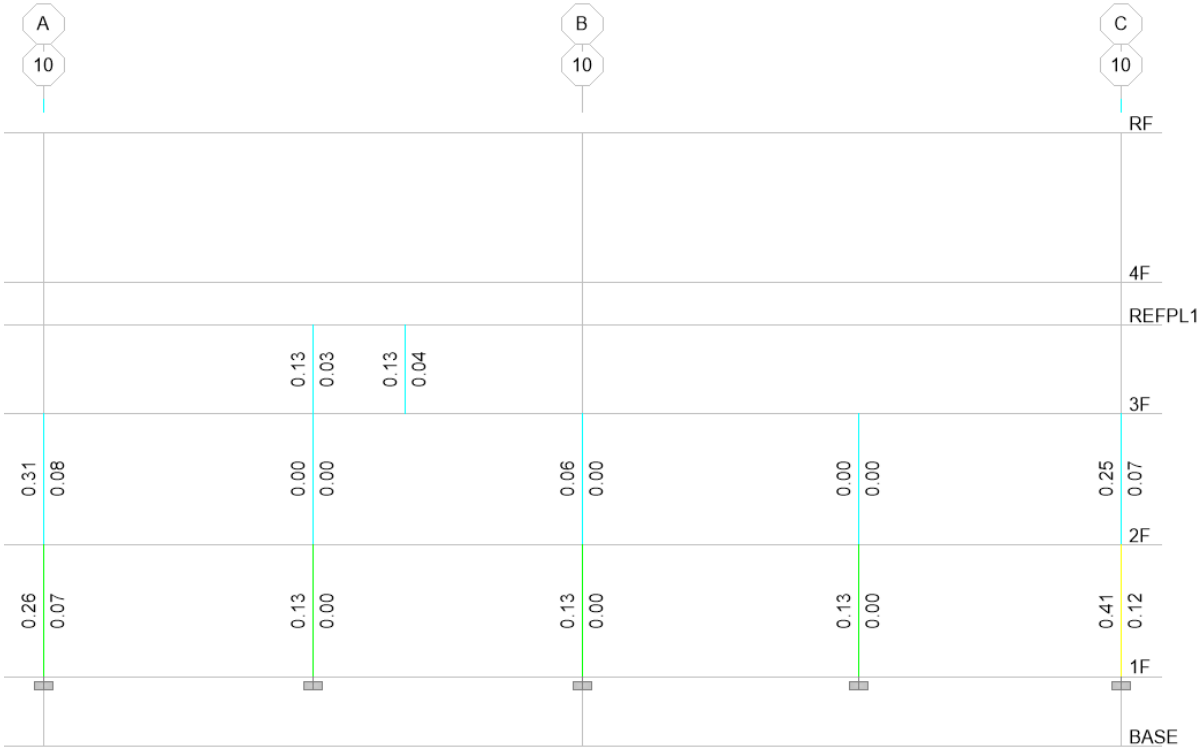


圖 83 柱線 10 柱桿件剪力筋需求

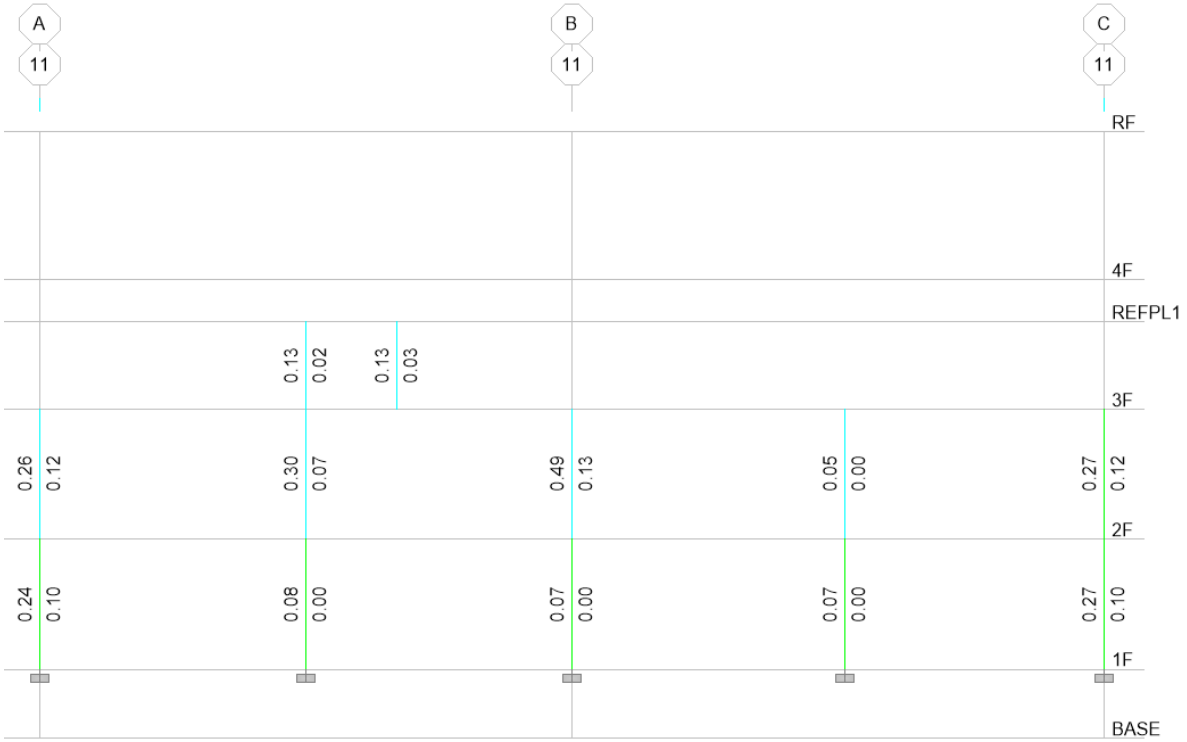


圖 84 柱線 11 柱桿件剪力筋需求

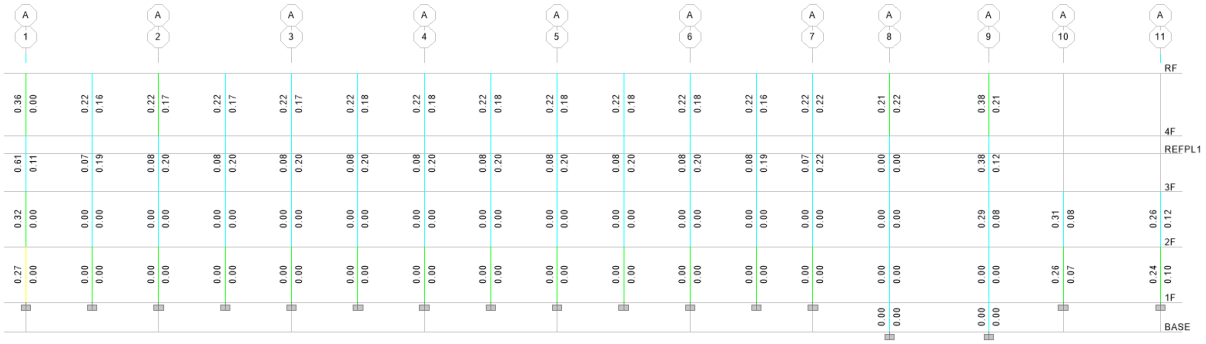


圖 85 柱線 A 柱桿件剪力筋需求

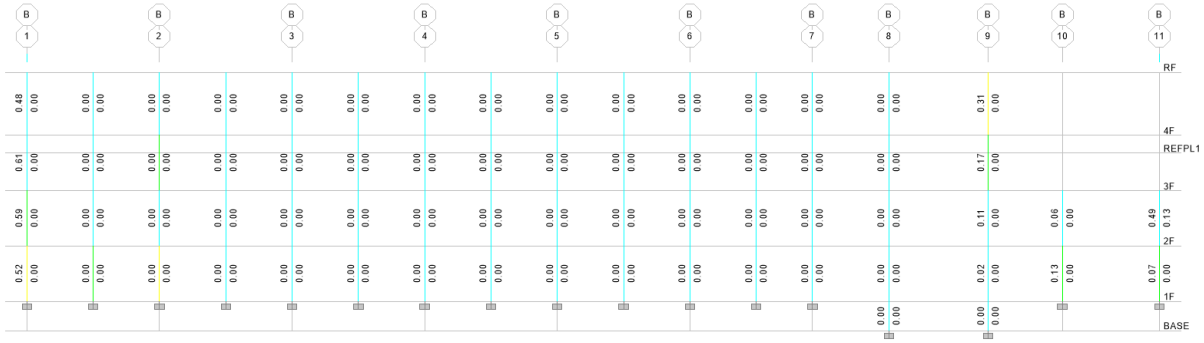


圖 86 柱線 B 柱桿件剪力筋需求

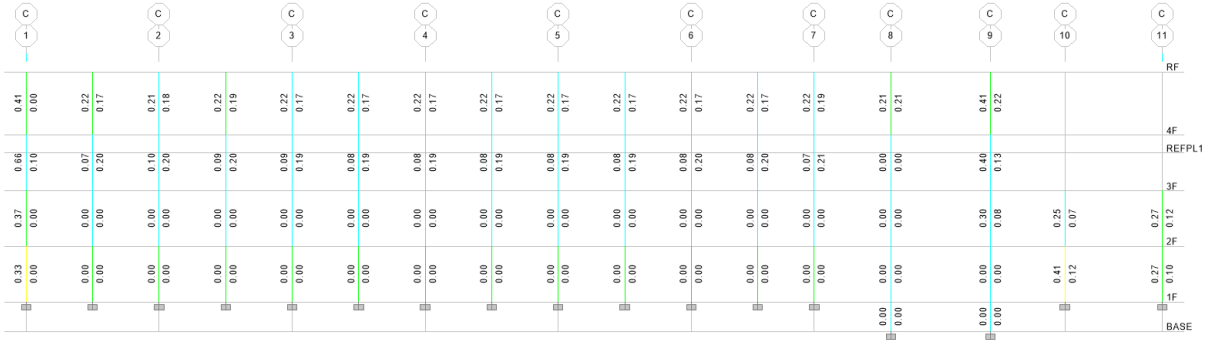


圖 87 柱線 C 柱桿件剪力筋需求

10. 柱桿件強柱弱樑檢核($1.2\Sigma M_{bc} / \Sigma M_{nc}$)

根據「建築物混凝土結構設計規範」18.4.3 節規定，除含地震效應之因數化軸壓力不超過 Agfc'/10 之柱端外(如屋頂層之接頭)，應檢核特殊抗彎矩構架之柱設計是否為強柱弱樑，即柱端彎矩是否符合 $1.2\Sigma M_{bc} / \Sigma M_{nc} < 1$。經檢核，各樑柱接頭之彎矩皆滿足 $1.2\Sigma M_{bc} / \Sigma M_{nc} < 1$，各柱線之檢核數據呈現如下，其中 N/A 表示該方向無過樑或無須檢核：

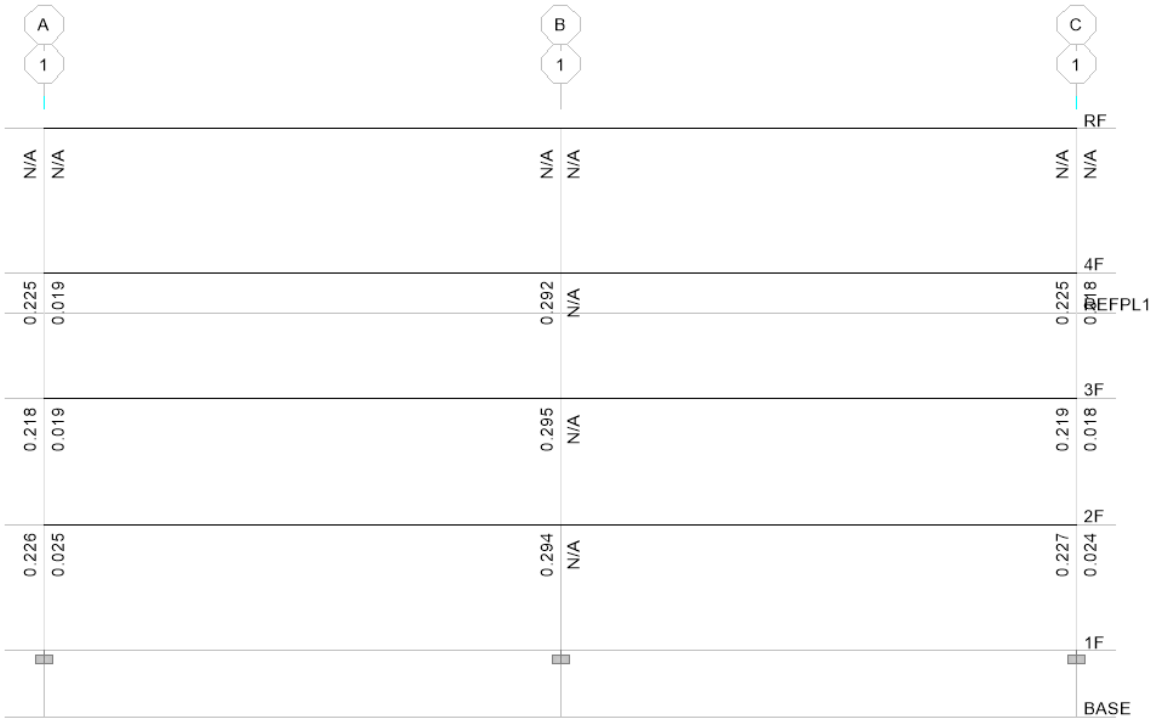


圖 88 柱線 1 柱桿件 $1.2\Sigma M_{bc} / \Sigma M_{nc}$ 比值

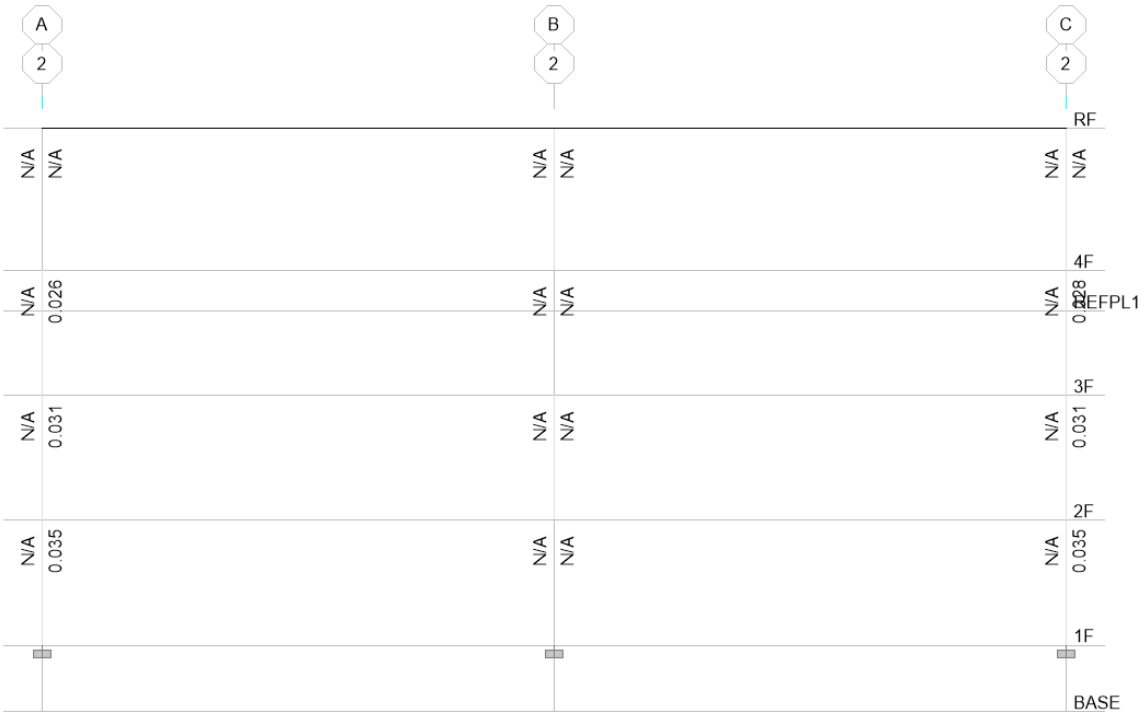


圖 89 柱線 2 柱桿件 $1.2\Sigma M_{bc}$ / ΣM_{nc} 比值

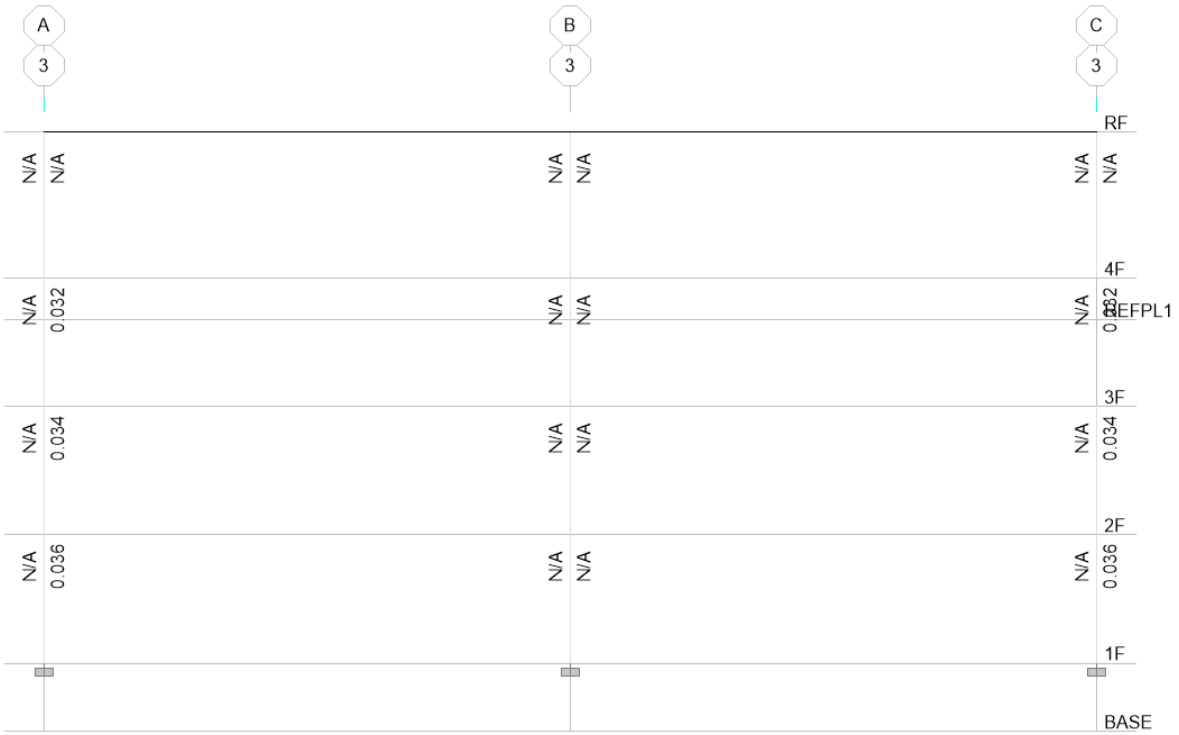


圖 90 柱線 3 柱桿件 $1.2\Sigma M_{bc}$ / ΣM_{nc} 比值

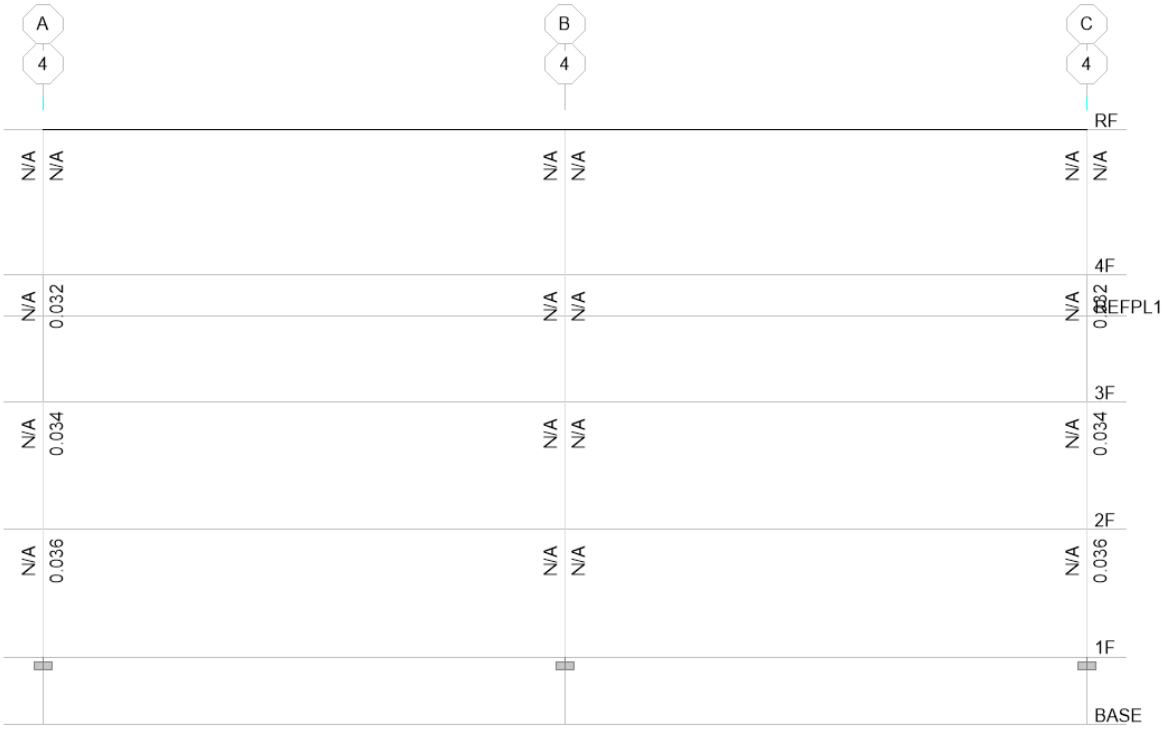


圖 91 柱線 4 柱桿件 $1.2\Sigma M_{bc}$ / ΣM_{nc} 比值

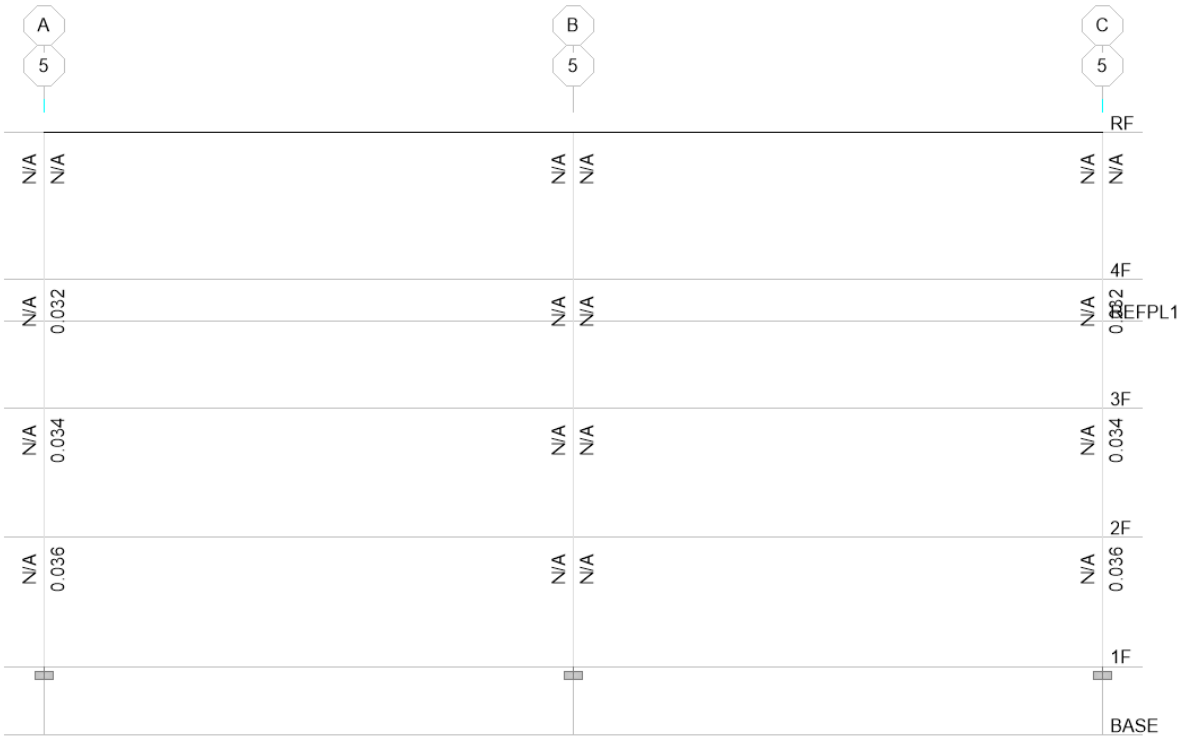


圖 92 柱線 5 柱桿件 $1.2\Sigma M_{bc}$ / ΣM_{nc} 比值

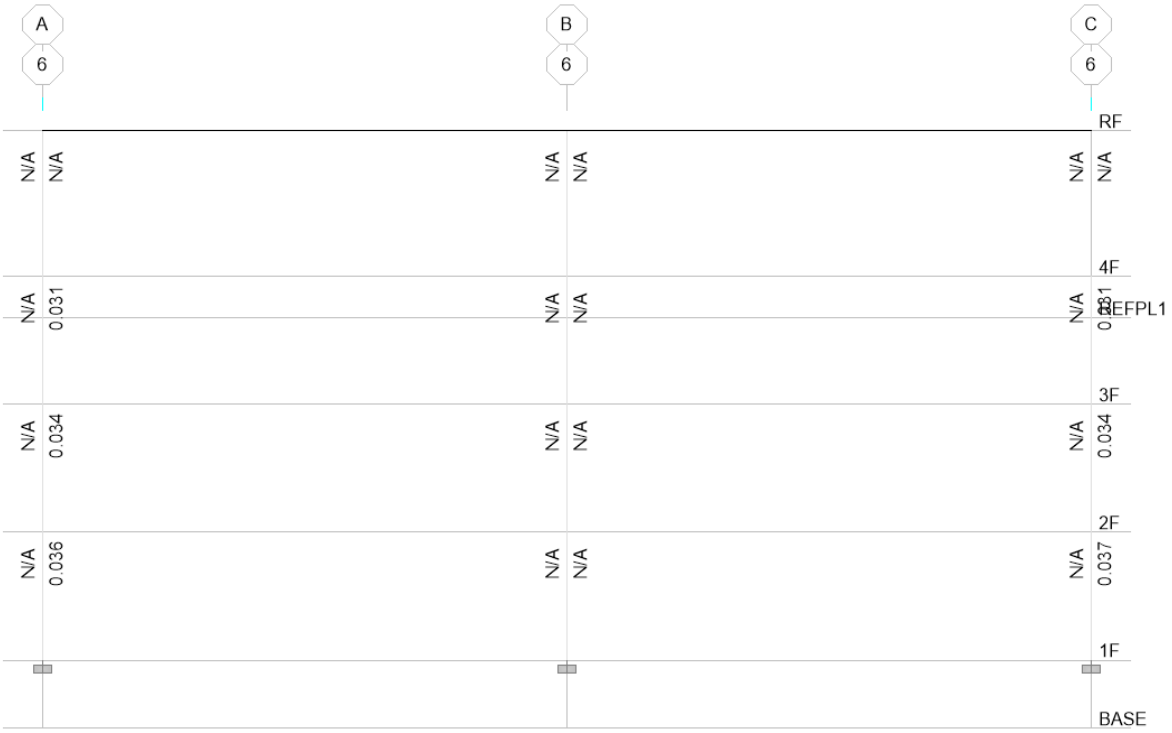


圖 93 柱線 6 柱桿件 $1.2\Sigma M_{bc}$ / ΣM_{nc} 比值

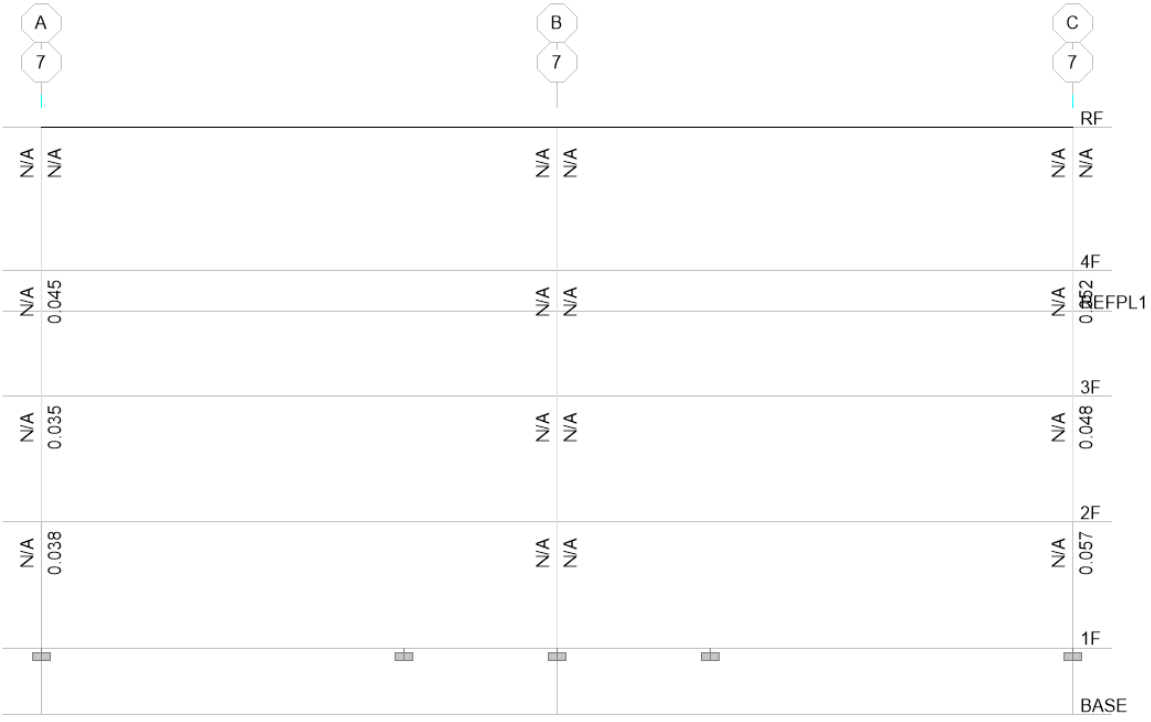


圖 94 柱線 7 柱桿件 $1.2\Sigma M_{bc}$ / ΣM_{nc} 比值



圖 95 柱線 8 柱桿件 $1.2\Sigma M_{bc}$ / ΣM_{nc} 比值

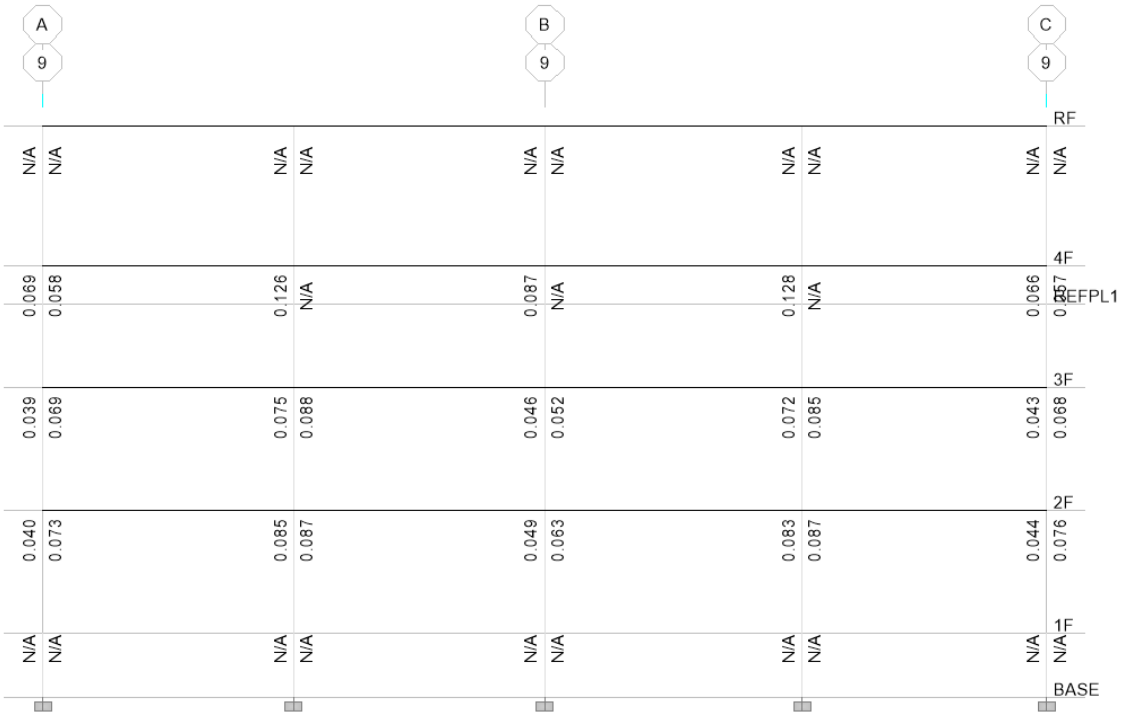


圖 96 柱線 9 柱桿件 $1.2\Sigma M_{bc}$ / ΣM_{nc} 比值

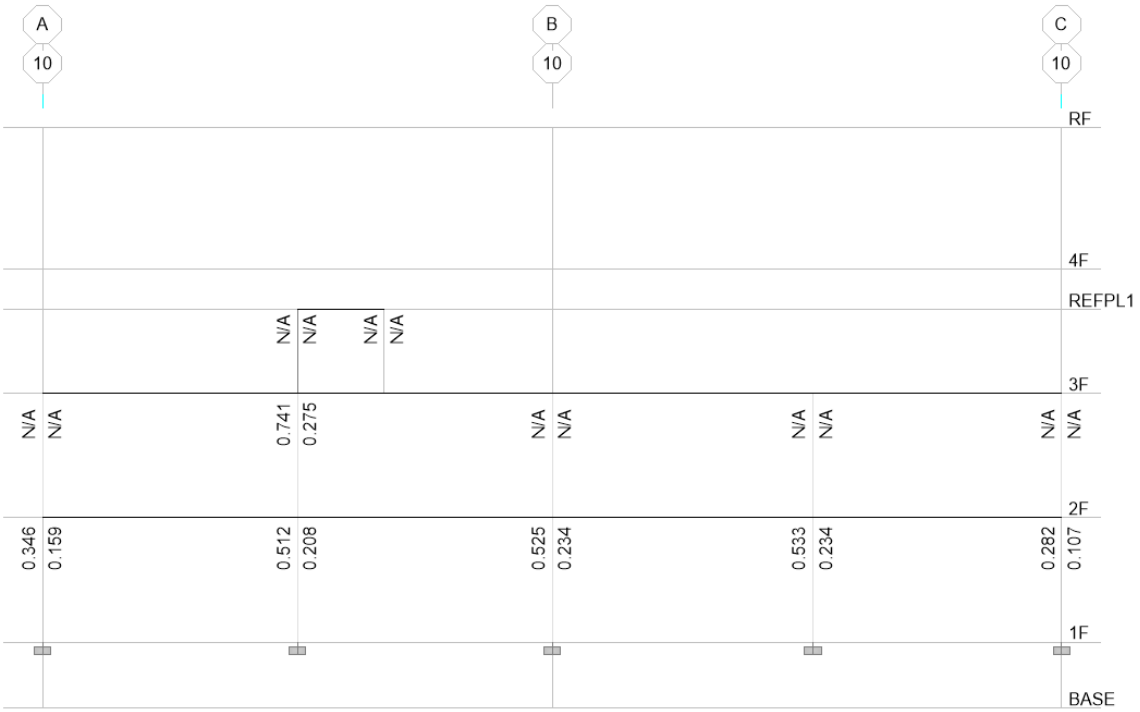


圖 97 柱線 10 柱桿件 $1.2\Sigma M_{bc} / \Sigma M_{nc}$ 比值

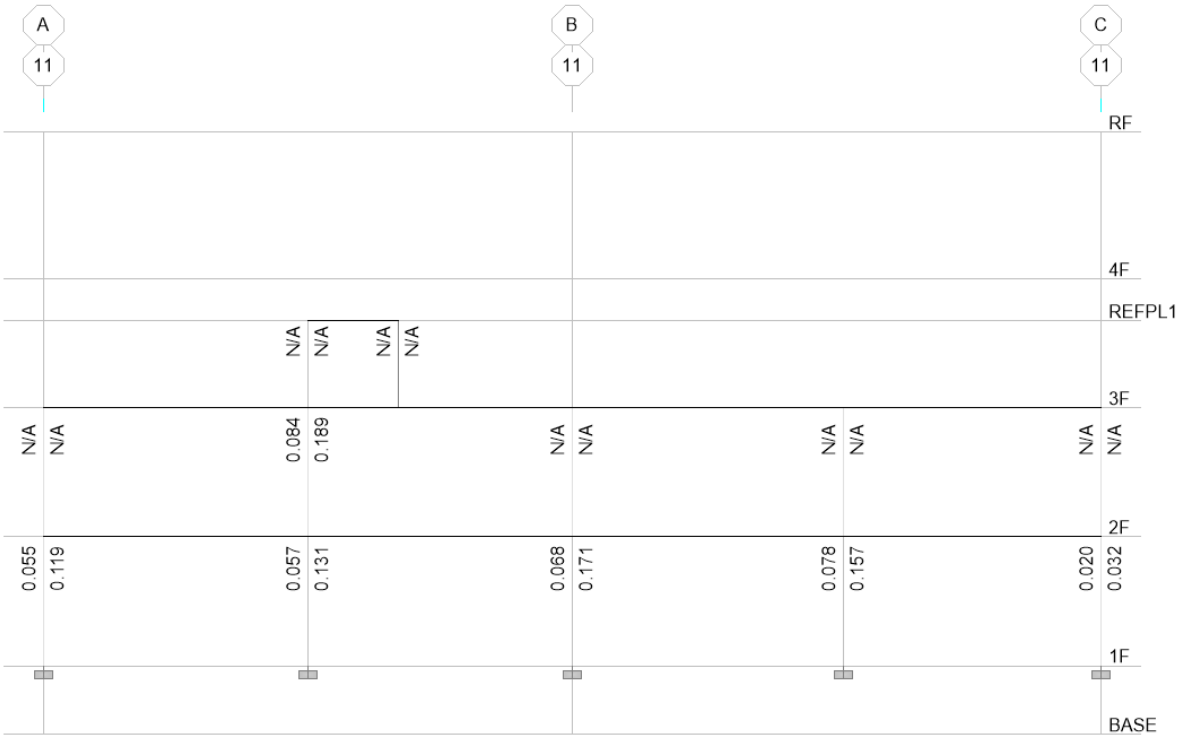


圖 98 柱線 11 柱桿件 $1.2\Sigma M_{bc} / \Sigma M_{nc}$ 比值

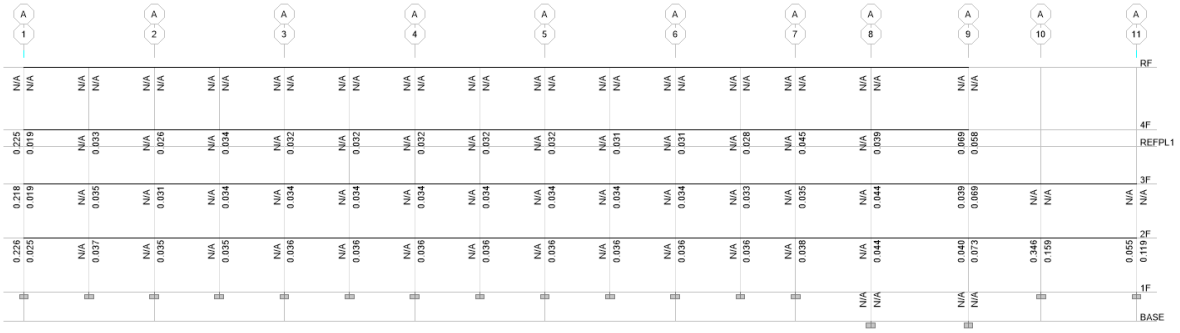


圖 99 柱線 A 柱桿件 $1.2\Sigma M_{bc} / \Sigma M_{nc}$ 比值

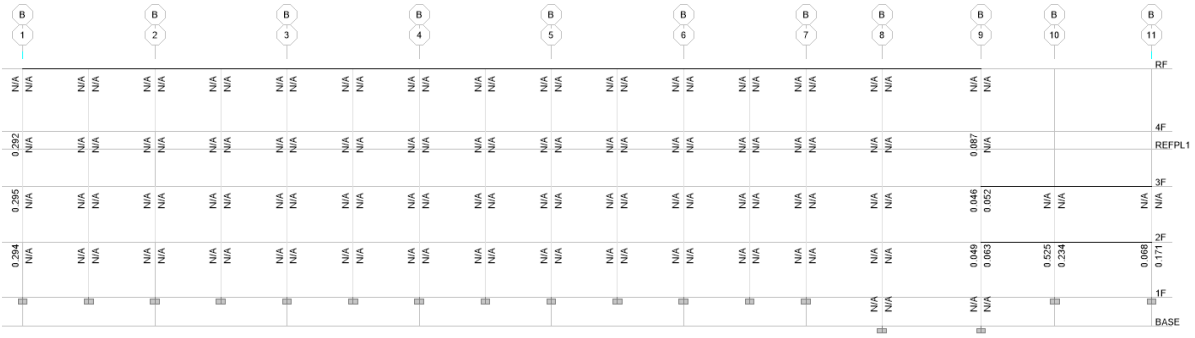


圖 100 柱線 B 柱桿件 $1.2\Sigma M_{bc} / \Sigma M_{nc}$ 比值

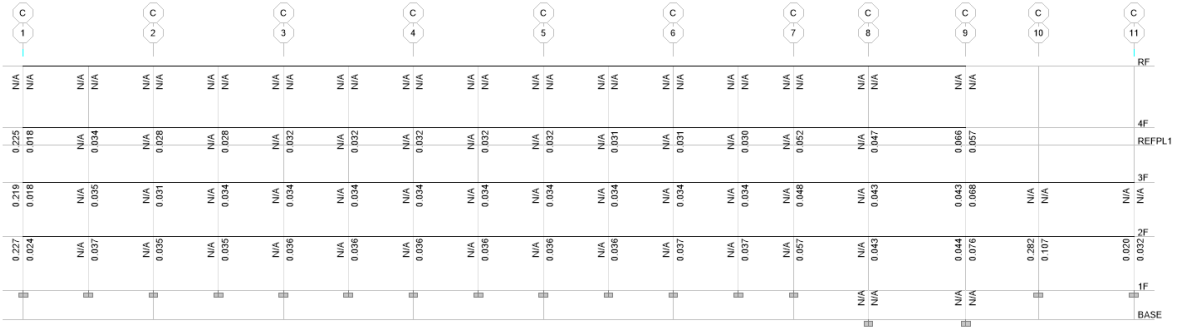


圖 101 柱線 C 柱桿件 $1.2\Sigma M_{bc} / \Sigma M_{nc}$ 比值

十六、樓版設計

本章節根據「建築物混凝土結構設計規範」進行樓版設計。

f'c =	350	kgf/cm^2	
fy =	4200	kgf/cm^2	
d' =	13	cm	（屋頂層）
	5	cm	（其他）

RF	載重	W_D=	1.24	tf/m^2		W_L=	0.25	tf/m^2		Wu=	1.888	tf/m^2						
RS1	跨距	La=	3	m		Lb=	20.5	m	樓版型式：單向版									
	剪力	Vu=	2.832	tf	<	ψVc=	16.36	tf	(OK)									
	短向彎矩	-Mu=	0.708	tf-m		As,req=	6.3	cm^2	採用	#4	@	15	cm		As,pro =	8.45	cm^2	(OK)
		+Mu=	2.124	tf-m		As,req=	6.3	cm^2	採用	#4	@	15	cm		As,pro =	8.45	cm^2	(OK)
	長向彎矩	-Mu=	0	tf-m		As,req=	6.3	cm^2	採用	#4	@	20	cm		As,pro =	6.34	cm^2	(OK)
		+Mu=	0	tf-m		As,req=	6.3	cm^2	採用	#4	@	20	cm		As,pro =	6.34	cm^2	(OK)

R1F	載重	W_D=	0.73	tf/m^2		W_L=	0.25	tf/m^2		Wu=	1.276	tf/m^2						
3S1	跨距	La=	3.3	m		Lb=	8.8	m	樓版型式：單向版									
	剪力	Vu=	2.1054	tf	<	ψVc=	11.15	tf	(OK)									
	短向彎矩	-Mu=	0.579	tf-m		As,req=	3.6	cm^2	採用	#4	@	20	cm		As,pro =	6.34	cm^2	(OK)
		+Mu=	1.737	tf-m		As,req=	3.6	cm^2	採用	#4	@	20	cm		As,pro =	6.34	cm^2	(OK)
	長向彎矩	-Mu=	0	tf-m		As,req=	3.6	cm^2	採用	#4	@	25	cm		As,pro =	5.07	cm^2	(OK)
		+Mu=	0	tf-m		As,req=	3.6	cm^2	採用	#4	@	25	cm		As,pro =	5.07	cm^2	(OK)
3F	載重	W_D=	0.73	tf/m^2		W_L=	0.25	tf/m^2		Wu=	1.276	tf/m^2						
3S1	跨距	La=	5.13	m		Lb=	8.8	m	樓版型式：雙向版									
	剪力	Vu=	2.946	tf	<	ψVc=	10.21	tf	(OK)									
	短向彎矩	-Mu=	2.754	tf-m		As,req=	5.0	cm^2	採用	#4	@	20	cm		As,pro =	6.34	cm^2	(OK)
		+Mu=	1.417	tf-m		As,req=	3.6	cm^2	採用	#4	@	20	cm		As,pro =	6.34	cm^2	(OK)
	長向彎矩	-Mu=	0.887	tf-m		As,req=	3.6	cm^2	採用	#4	@	25	cm		As,pro =	5.07	cm^2	(OK)
		+Mu=	0.455	tf-m		As,req=	3.6	cm^2	採用	#4	@	25	cm		As,pro =	5.07	cm^2	(OK)
2F	載重	W_D=	0.68	tf/m^2		W_L=	1	tf/m^2		Wu=	2.416	tf/m^2						
2S1	跨距	La=	5.13	m		Lb=	8.8	m	樓版型式：雙向版									
	剪力	Vu=	5.579	tf	<	ψVc=	10.21	tf	(OK)									
	短向彎矩	-Mu=	5.215	tf-m		As,req=	9.6	cm^2	採用	#4	@	12	cm		As,pro =	10.56	cm^2	(OK)
		+Mu=	3.237	tf-m		As,req=	5.9	cm^2	採用	#4	@	12	cm		As,pro =	10.56	cm^2	(OK)
	長向彎矩	-Mu=	1.680	tf-m		As,req=	3.6	cm^2	採用	#4	@	20	cm		As,pro =	6.34	cm^2	(OK)
		+Mu=	1.056	tf-m		As,req=	3.6	cm^2	採用	#4	@	20	cm		As,pro =	6.34	cm^2	(OK)

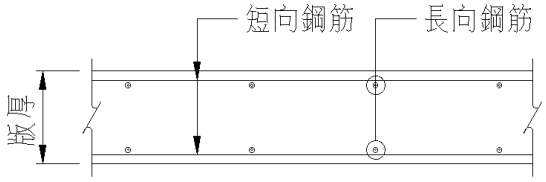


表 32 樓版鋼筋配置

樓版編號	版厚 (cm)	短向鋼筋	長向鋼筋
RS1	35	#4@15cm	#4@20cm
3S1	20	#4@20cm	#4@25cm
2S1	20	#4@12cm	#4@20cm

1. 版厚 20cm 以 2S1 設計為例：

(1) 檢核版厚

最小厚度 Lb/33=26.67cm

版厚度 h(20cm)小於最小厚度 26.67cm

根據 8.3.1 節及 24.2.2 節檢核其撓度為 0.53cm<Lb/360=2.44cm[OK]

(2) 設計載重計算

總靜載重 wd=版重+靜載=20/100*2,400+200=680kgf/m^2

均佈設計載重為

1.2wd=1.2*680=816kgf/m2,1.6wl=1.6*1,000=1,600kgf/m^2

設計載重 wu=1.2wd+1.6wl=816+1,600=2,416kgf/m^2

(3) 彎矩計算

短長邊比 m=La/Lb=513/880=0.58

內插比例 t=(0.583-0.55)/(0.6-0.55)=0.659

負彎矩係數查表內插得-Ca=0.084*(1-0.659)+0.081*0.659=0.082

負彎矩係數查表內插得-Cb=0.007*(1-0.659)+0.01*0.659=0.009

靜載重正彎矩係數查表內插得+Ca=0.035*(1-0.659)+0.034*0.659=0.034

靜載重正彎矩係數查表內插得+Cb=0.003*(1-0.659)+0.004*0.659=0.004

活載重正彎矩係數查表內插得+Ca=0.062*(1-0.659)+0.058*0.659=0.059

活載重正彎矩係數查表內插得+Cb=0.006*(1-0.659)+0.007*0.659=0.007

版端剪力係數查表內插得 Cva=0.92*(1-0.659)+0.89*0.659=0.9

版端剪力係數查表內插得 Cvb=0.08*(1-0.659)+0.11*0.659=0.1

短跨中間靜載重正彎矩+Mad=0.034*816*(513/100)2=737.46kgf-m/m

短跨中間活載重正彎矩+Mal=0.059*1,600*(513/100)2=2,499.63kgf-m/m

短跨中間正彎矩總合+Mat=737.46+2,499.63=3,237.08kgf-m/m

長跨中間靜載重正彎矩+Mbd=0.004*816*(880/100)2=231.22kgf-m/m

長跨中間活載重正彎矩+Mbl=0.007*1,600*(880/100)2=825.09kgf-m/m

長跨中間正彎矩總合+Mbt=231.22+825.09=1,056.31kgf-m/m

短跨端負彎矩-Ma=0.082*2,416*(513/100)2=5,215.14kgf-m/m

長跨端負彎矩-Mb=0.009*2,416*(880/100)2=1,679.6kgf-m/m

(4) 最小鋼筋量

溫度鋼筋比依規範 13.11.2.1 節規定,fy(4,200)=4,200kgf/cm^2 時,取 0.0018

故溫度鋼筋量等於 0.0018*100*20=3.6 cm^2

最大鋼筋比等於 0.85β1*fc'/fy*(εc/(ε c+0.005))=0.85*0.85*350/4,200*(0.003/(0.003+0.005))= 0.02125

m=fy/(0.85fc')=4,200/(0.85*350)=14.12

強度折減因數φ=0.9

d=h-d'=20-5=15cm

依規範 3.6.4 節規定,最大鋼筋間距不得大於版厚三倍或 45cm

3h=3*20=60cm 大於 45cm,故鋼筋間距不得大於 45cm

(5) 短跨度：版跨度中間正彎矩+Mu= 3,237.08kgf-m/m

Ru=Mu/φ/b/d2=3,237.08/0.9/152=15.99

ρ=1/m*(1-$\sqrt{}$(1-2m*Ru/fy))=1/14.12*(1-Sqrt(1-2*14.12*15.99/4,200))=0.003914

正彎矩鋼筋量+As=100*d*ρ=100*15*0.003914=5.87cm^2

所需鋼筋量 5.87cm^2 大於溫度鋼筋量 3.6cm^2[ok]

正彎矩鋼筋間距=100*1.267/5.87=21cm

採用鋼筋間距 12cm 小於最大鋼筋間距 45cm[ok],#4@12cm

(6) 短跨度：連續端負彎矩-Mu= 5,215.14kgf-m/m

Ru=Mu/φ/b/d2=5,215.14/0.9/152=25.75

ρ=1/m*(1-$\sqrt{}$(1-2m*Ru/fy))=1/14.12*(1-Sqrt(1-2*14.12*25.75/4,200))=0.006423

所需鋼筋比大於溫度鋼筋比 0.0018[ok]

負彎矩鋼筋量-As=100*d*ρ=100*15*0.006423=9.63cm^2

所需鋼筋量 9.63cm^2 大於溫度鋼筋量 3.6cm^2[ok]

負彎矩鋼筋間距=100*1.267/9.63=13cm

採用鋼筋間距 12cm 小於最大鋼筋間距 45cm[ok],#4@12cm

(7) 長跨度：版跨度中間正彎矩+Mu= 1,056.31kgf-m/m

長向鋼筋置于短向鋼筋內側,故 d 值須扣除短向鋼筋直徑 d=15-1.27=13.73cm

Ru=Mu/φ/b/d2=1,056.31/0.9/13.732=6.23

ρ=1/m*(1-$\sqrt{}$(1-2m*Ru/fy))=1/14.12*(1-Sqrt(1-2*14.12*6.23/4,200))=0.001498

正彎矩鋼筋量+As=100*d*ρ=100*13.73*0.001498=2.06cm^2

所需鋼筋量 2.06cm2 小於溫度鋼筋量 3.6cm2,故鋼筋量取 3.6cm^2

正彎矩鋼筋間距=100*1.267/3.6=35cm

採用鋼筋間距 20cm 小於最大鋼筋間距 45cm[ok],#4@20cm

(8) 長跨度：連續端負彎矩-Mu= 1,679.6kgf-m/m

Ru=Mu/φ/b/d2=1,679.6/0.9/13.732=9.9

ρ=1/m*(1-√(1-2m*Ru/fy))=1/14.12*(1-Sqrt(1-2*14.12*9.9/4,200))=0.002398

所需鋼筋比大於溫度鋼筋比 0.0018[ok]

負彎矩鋼筋量-As=100*d* ρ=100*13.73*0.002398=3.29cm^2

所需鋼筋量 3.29cm2 小於溫度鋼筋量 3.6cm2,故鋼筋量取 3.6cm^2

負彎矩鋼筋間距=100*1.267/3.6=35cm

採用鋼筋間距 20cm 小於最大鋼筋間距 45cm[ok],#4@20cm

(9) 剪力檢核

全格版載重 W=wu*La*Lb=2,416*513/100*880/100=109,067.9kgf

短跨最大剪力 Va=0.9*109,067.9/2/880*100=5,578.74kgf/m

長跨最大剪力 Vb=0.1*109,067.9/2/513*100=1,060.62kgf/m

Vc=0.53√fc'bd=0.53*√350*100*13.73=13,613.83kgf/m

φVc=0.75*13,613.83=10,210.37kgf/m

φVc(10,210.37)大於 Vu(5,578.74)[ok]

2. 版厚 35cm 以 RS1 設計為例：

(1) 檢核版厚

最小厚度為 L/20=2050/20=102.5cm

版厚度 h(35cm)小於最小厚度 102.5cm

根據 7.3.2 節及 24.2.2 節檢核其撓度為 0.18cm<Lb/360=5.69cm[OK]

(2) 設計載重計算

總靜載重=版重+靜載=35/100*2,400+400=1,240kgf/m^2

設計載重 wu=1.2wd+1.6wl=1.2*1,240+1.6*250=1,888kgf/m^2

(3) 最小鋼筋量

溫度鋼筋比依規範 13.11.2.1 節規定,fy(4,200)=4,200kgf/cm^2 時,取 0.0018

故溫度鋼筋量等於 0.0018*100*35=6.3cm^2

最大鋼筋比等於 0.85β1*fc'/fy*(εc/(εc+0.005))=0.85*0.8*350/4,200*(0.003/(0.003+0.005))=0.02125

m=fy/(0.85fc')=4,200/(0.85*350)=14.12

強度折減因數 φ=0.9

d=h-d'=35-13=22cm

依規範 3.6.4 節規定,最大鋼筋間距不得大於版厚三倍或 45cm

3h=3*35=105cm＞45cm,故鋼筋間距不得大於 45cm

(4) 跨度中央

版跨度中間正彎矩+Mu=1/8*wuL2=1/8*1,888*(300/100)2=2,124kgf-m/m

Ru=Mu/φ/b/d2=2,124/0.9/22^2=4.88

ρ=1/m*(1-√(1-2m*Ru/fy))=1/14.12*(1-Sqrt(1-2*14.12*4.88/4,200))=0.001171

正彎矩鋼筋量 As=100*d* ρ=100*30*0.001171=2.58cm^2

所需鋼筋量 2.58cm2 小於溫度鋼筋量 6.3cm^2,故鋼筋量取 6.3cm^2

正彎矩鋼筋間距=100*1.267/6.3=20cm

採用鋼筋間距 15cm 小於最大鋼筋間距 45cm[ok],#4@15cm

(5) 支承處

支承處負彎矩-Mu=1/24*wuL^2=1/24*1,888*$(300/100)^2$=708kgf-m/m

Ru=Mu/φ/b/d2=708/0.9/22^2=1.63

ρ=1/m*(1-√(1-2m*Ru/fy))=1/14.12*(1-Sqrt(1-2*14.12*1.63/4,200))=0.000388

負彎矩鋼筋量 As=100*d* ρ=100*22*0.000388=0.85cm^2

所需鋼筋量 0.85cm2 小於溫度鋼筋量 6.3cm^2,故鋼筋量取 6.3cm^2

負彎矩鋼筋間距=100*1.267/6.3=20cm

採用鋼筋間距 20cm 小於最大鋼筋間距 45cm[ok],#4@20cm

(6) 剪力檢核

Vu=wu*L/2=1,888*300/2/100=2832kgf/m

Vc=0.53√fc'bd=0.53*√350*100*22=21,813.86kgf/m

φVc=0.75*21,813.86=16,360.4kgf/m

φVc(16,360.4)大於 Vu(2832)[ok]

十七、基礎設計

本案基礎採 1.9m 及 1.3m 厚之基礎版進行設計，根據承載力計算書中之基礎垂直地盤反力係數評估，分析時考慮長期載重狀態下情境之 Kv 如下圖所示。因「建築物基礎構造設計規範」中針對板式基礎(淺基礎)，並無規定地盤反力係數 Kv 須分別考慮長短期之情境，且參照國外相關經驗公式考量，短期地盤反力係數值將較長期的情境高，因此本計算書採用之地盤反力係數 Kv 即使用於短期分析情境仍屬保守考量。

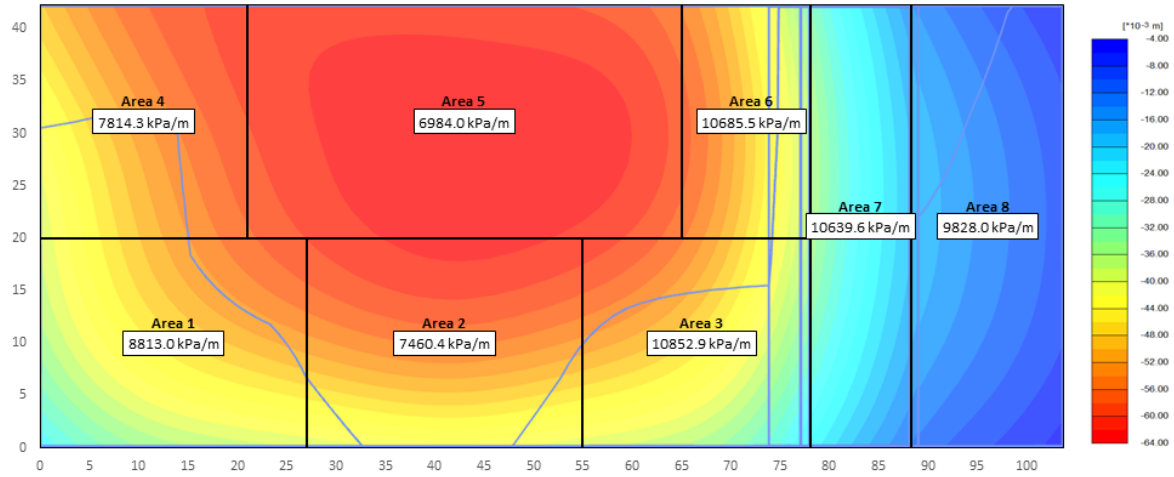


圖 102 垂直地盤反力係數

另根據「建築物耐震設計規範及解說」6.2.11 節之規定，基面以下構架之設計，採用設計地震力之 1.4α_y 倍。

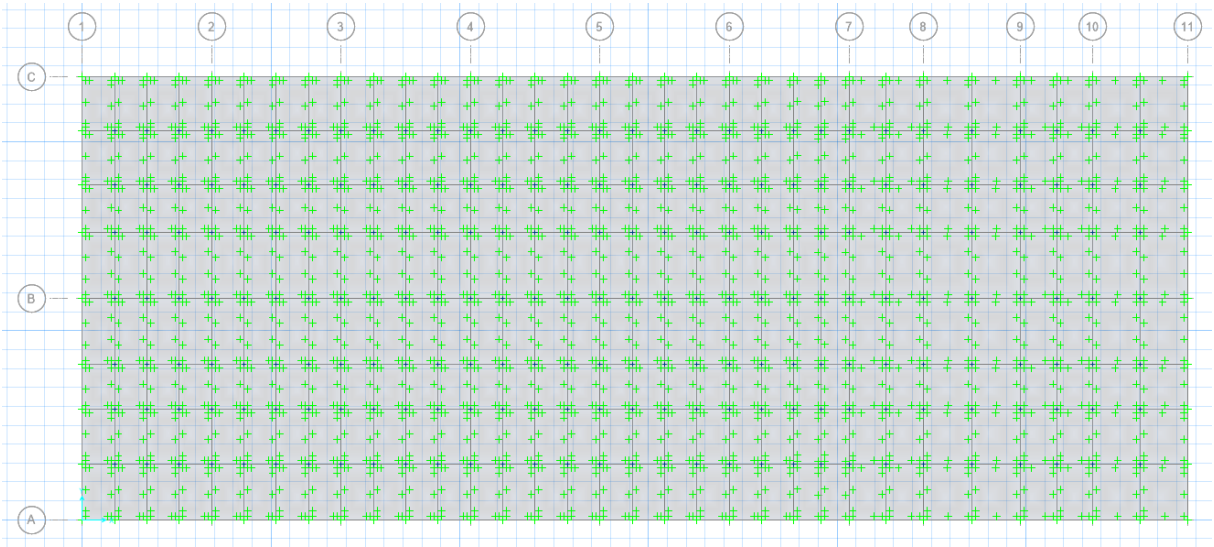


圖 103 基礎結構模型平面圖

1. 剪力強度剪核

穿孔剪力比詳見下圖，檢核結果皆小於 1.0，顯示無需額外配置剪力筋。

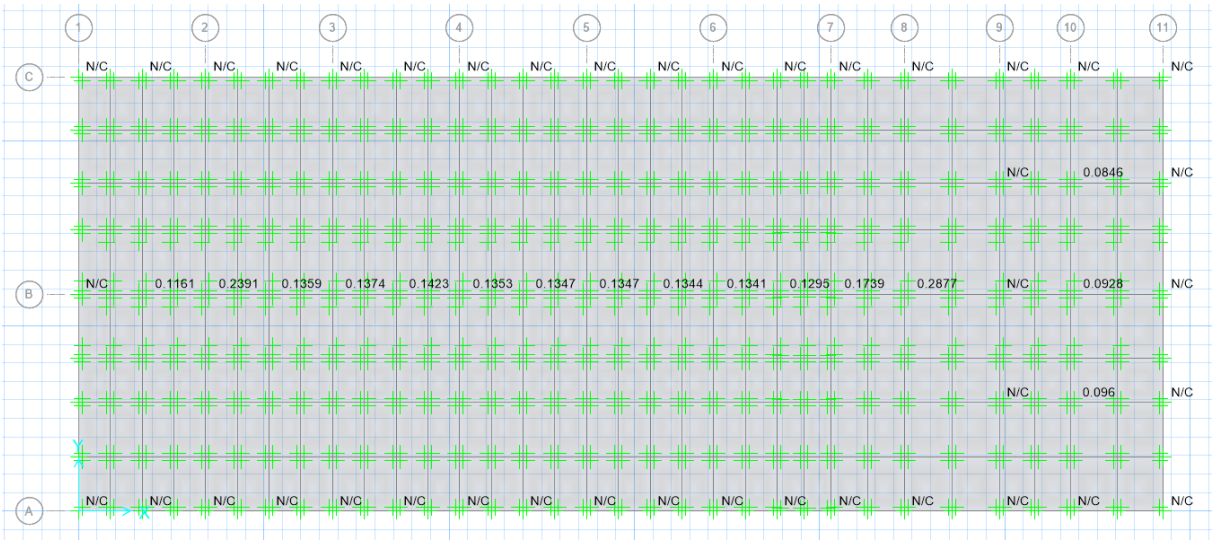


圖 104 穿孔剪力比

基礎版樑式剪力強度計算如下，檢核結果剪力比<1，檢核 O.K.。

混凝土強度	fc =	350	kgf/cm^2		
基礎版寬	bw =	41	m		
設計剪力	Vu =	860.0	tf		
基腳厚	h =	1.9	m		
基腳有效厚度	d =	1.75	m		
λ =		1			
尺寸效應修正係數 λs =		0.50			
拉力筋採用	#10	@	15	cm	
ρw =	0.0031				
Vc = 2.12λsλ(ρw)^(1/3)√f'c*bw*d =					
		2075.14	tf		
剪力強度	ΦVc =	1556.35	tf		
剪力比 =	0.55	< 1	OK!		

2. 土壤垂直承載力檢核

根據承載力計算書，土壤垂直承載力如下表：

表 33 垂直容許承載力

情境	垂直容許承載 (tf/m^2)
長期	161.5
短期	241.6
極限限界	438.0

土壤長期容許承載力 qa = 161.5 tf/m^2（F.S.=3.0），分析結果如下圖所示，本案之土壤最大反力 qmax 為 100 tf/m^2，小於基地之土壤長期容許承載力 qa = 161.5 tf/m^2，故土壤長期承載力檢核 O.K.。

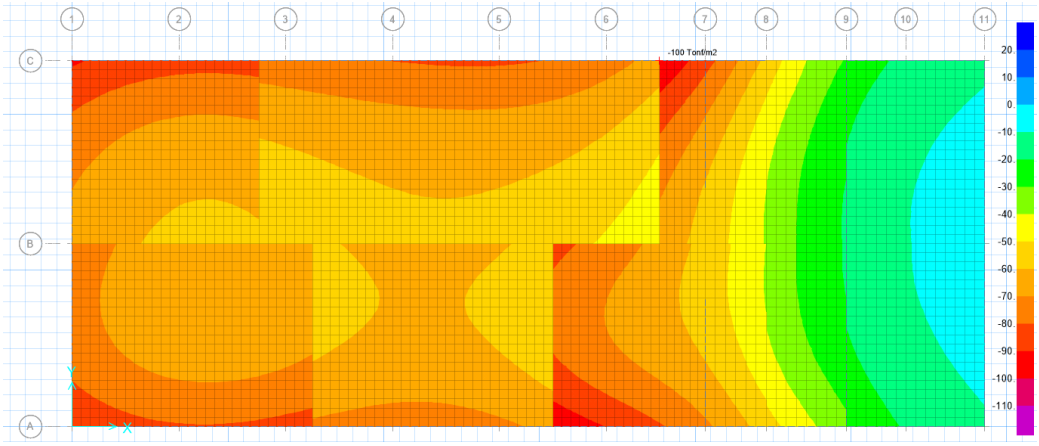


圖 105 土壤長期反力 (單位: tf/m^2)

土壤短期容許承載力 qa = 241.6 tf/m^2（F.S.=2.0），分析結果如下圖所示，本案之土壤最大反力為 133 tf/m^2，小於基地之土壤短期容許承載力 qa = 241.6 tf/m^2，故土壤短期承載力檢核 O.K.

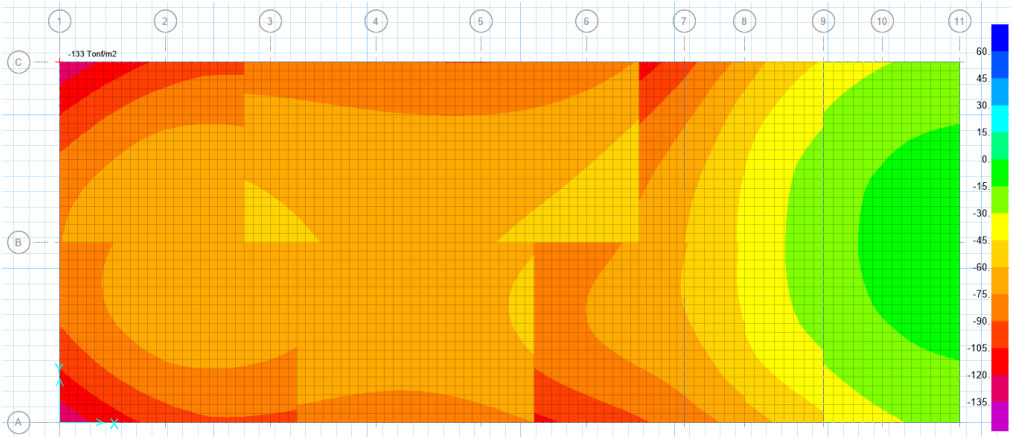


圖 106 土壤短期反力 (單位: tf/m^2)

土壤極限狀態容許承載力 qa =438.0 tf/m^2（F.S.=1.1），分析結果如下圖所示，本案之土壤最大反力為 190 tf/m^2，小於基地之土壤極限狀態容許承載力 qa = 438.0 tf/m^2，故土壤極限狀態承載力檢核 O.K.。

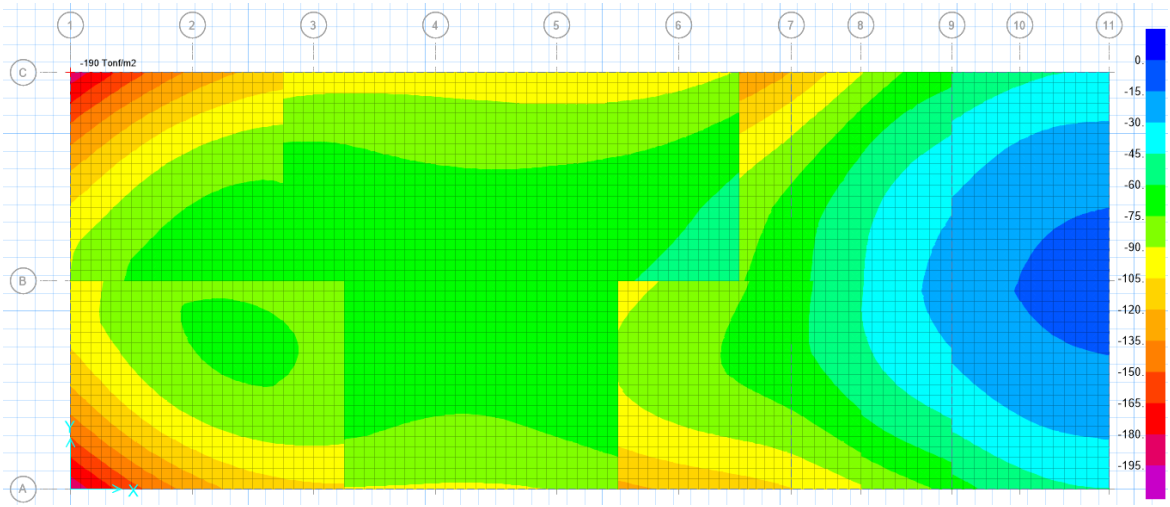


圖 107 土壤極限狀態反力 (單位: tf/m^2)

3. 土壤水平承載力檢核

根據承載力計算書，土壤水平承載力如下表：

表 34 水平容許承載力

情境	水平容許承載力(tf)	
	重量(結構自重+貯存物重)	重量(結構自重)
長期	30636.8	13081.5
短期	38296.1	16351.9

結構自重		46580	tf		
貯存物重		73683	tf		
土壤短期水平承載力檢核（考慮結構自重+貯存物重）					
設計載重	R =	柱底橫力	+	地震力	
	=	0	+	0.3012*(46580+73683)	
	=	0	+	36223	
	=	36223	tf		
容許承載力	Ra =	38296.1	tf		
	R	<	Ra	OK!	

土壤短期水平承載力檢核（考慮結構自重）					
設計載重	R =	柱底橫力	+	地震力	
	=	0	+	0.3012*46580	
	=	0	+	14030	
	=	14030	tf		
容許承載力	Ra =	16351.9	tf		
	R	<	Ra	OK!	

4. 基礎版沉陷量

根據「建築物基礎構造設計規範」4.4.8 節，平板式基礎之容許沉陷量為 30cm，本案之基礎版沉陷量(q/Kv)如下圖所示，最大沉陷量為 0.114m=11.4cm < 容許沉陷量，故基礎版沉陷量檢核 O.K.。

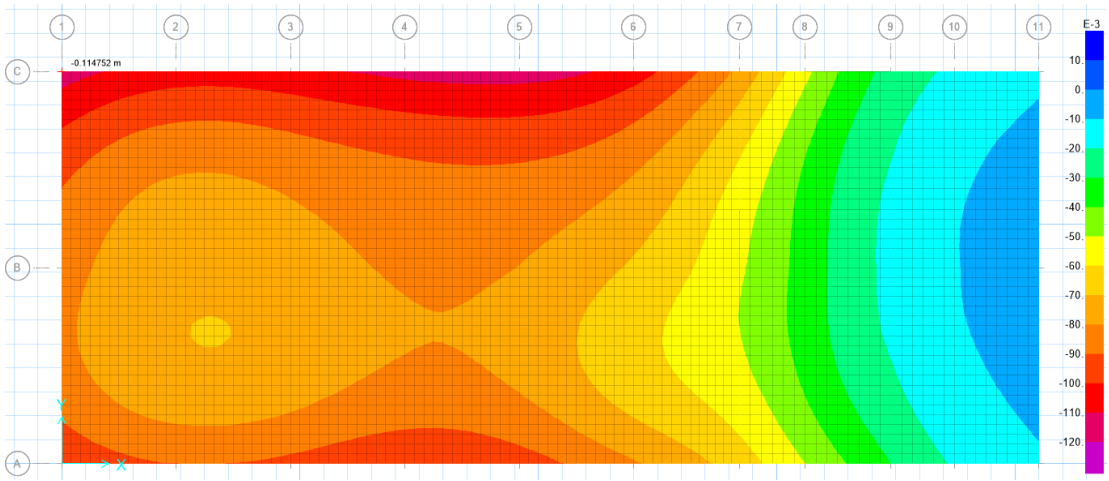


圖 108 基礎版沉陷量 (單位: m)

5. 基礎版差異沉陷

根據「建築物基礎構造設計規範」4.4.5 節，建築物相鄰兩柱或相鄰兩支點間容許變形角為 1/500=0.002。各節點編號如下圖，檢核各相鄰柱之變形角如下表。

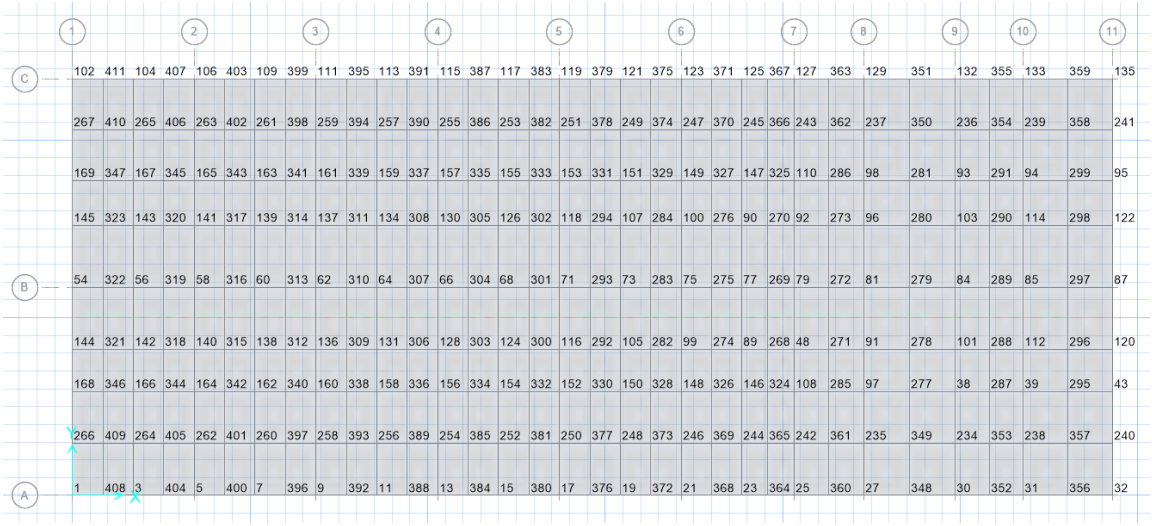


圖 109 基礎結構模型節點編號

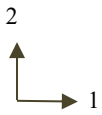
表 35 基礎版各節點之變形角

point	變形角	CHECK	point	變形角	CHECK
1	0.0010	OK	73	0.0015	OK
3	0.0010	OK	75	0.0015	OK
5	0.0010	OK	77	0.0014	OK
7	0.0010	OK	79	0.0012	OK
9	0.0010	OK	81	0.0008	OK
11	0.0010	OK	84	0.0005	OK
13	0.0010	OK	85	0.0005	OK
15	0.0010	OK	87	0.0002	OK
17	0.0010	OK	93	0.0006	OK
19	0.0010	OK	94	0.0005	OK
21	0.0009	OK	95	0.0004	OK
23	0.0009	OK	102	0.0013	OK
25	0.0009	OK	104	0.0013	OK
27	0.0008	OK	106	0.0013	OK
30	0.0008	OK	109	0.0013	OK
31	0.0008	OK	111	0.0013	OK
32	0.0005	OK	113	0.0013	OK
38	0.0008	OK	115	0.0013	OK
39	0.0006	OK	117	0.0014	OK
43	0.0005	OK	119	0.0014	OK
54	0.0014	OK	121	0.0015	OK
56	0.0014	OK	123	0.0015	OK
58	0.0013	OK	125	0.0014	OK
60	0.0013	OK	127	0.0013	OK
62	0.0013	OK	129	0.0013	OK
64	0.0013	OK	132	0.0011	OK

66	0.0013	OK	133	0.0007	OK
68	0.0014	OK	135	0.0004	OK
71	0.0014	OK			

最大變形角為 0.0015 < 0.002 = 容許變形角，故基礎版差異沉陷檢核 O.K.。

6. 基礎版 X 向配筋(取最大彎矩處進行檢核)



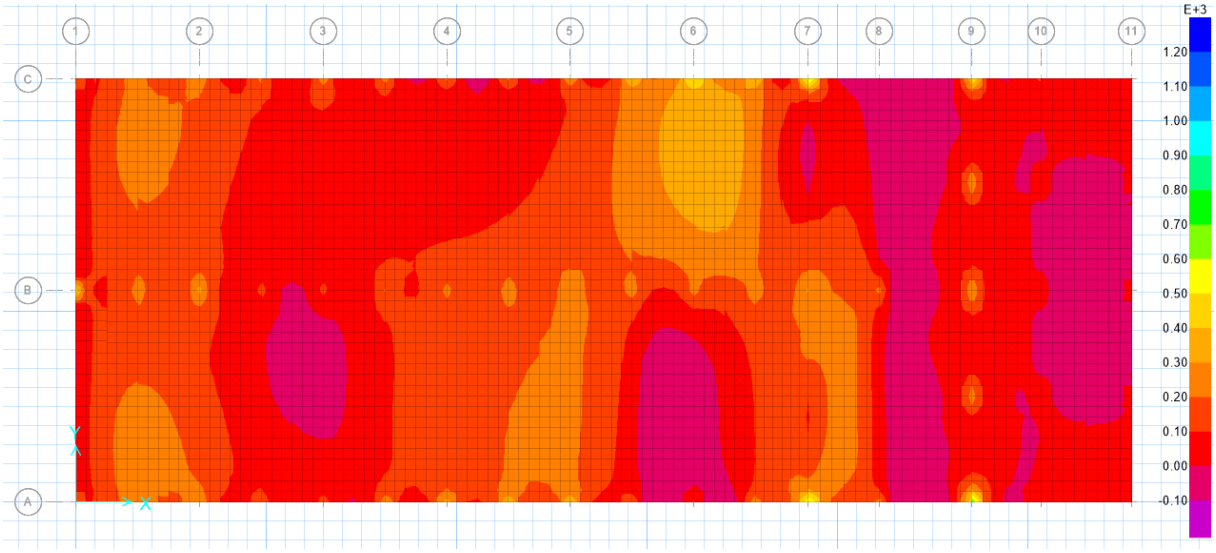


圖 110 基礎版彎矩圖 M11(MAX)

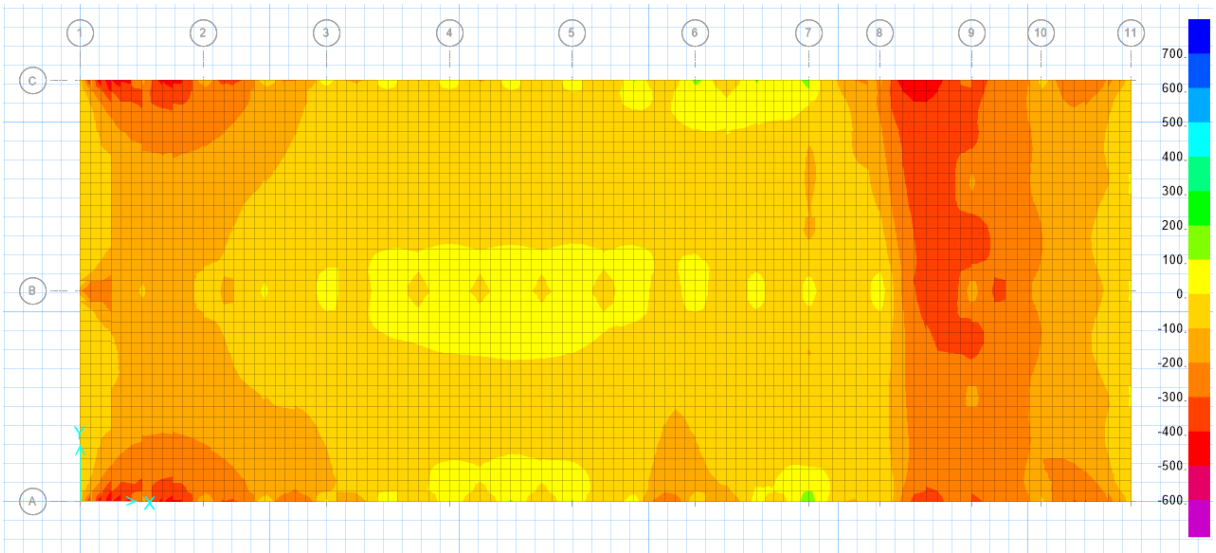


圖 111 基礎版彎矩圖 M11(MIN)

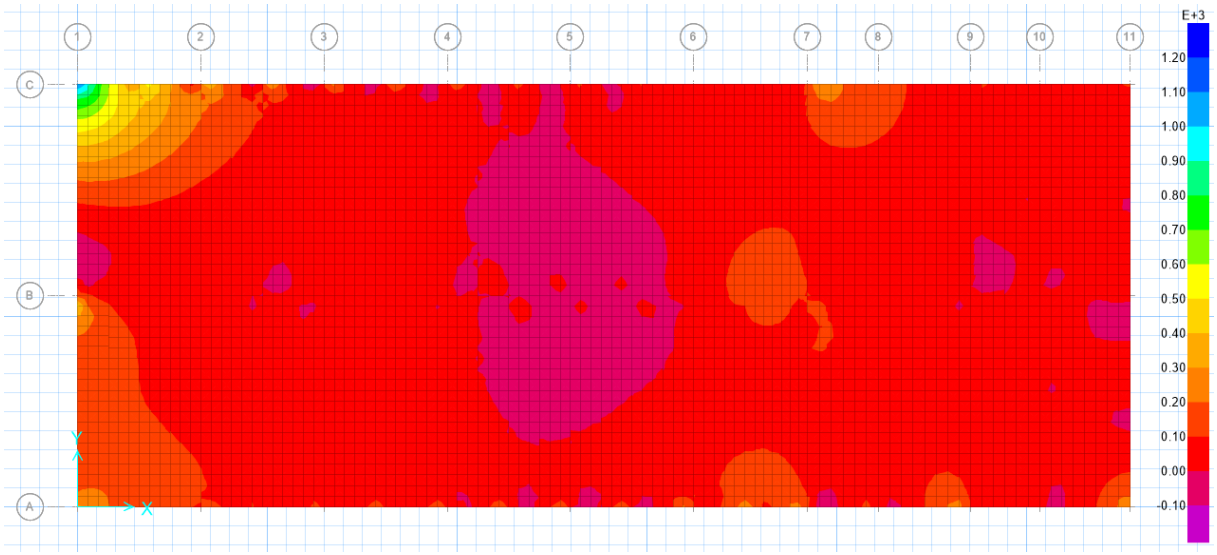


圖 112 基礎版彎矩圖 M12(MAX)

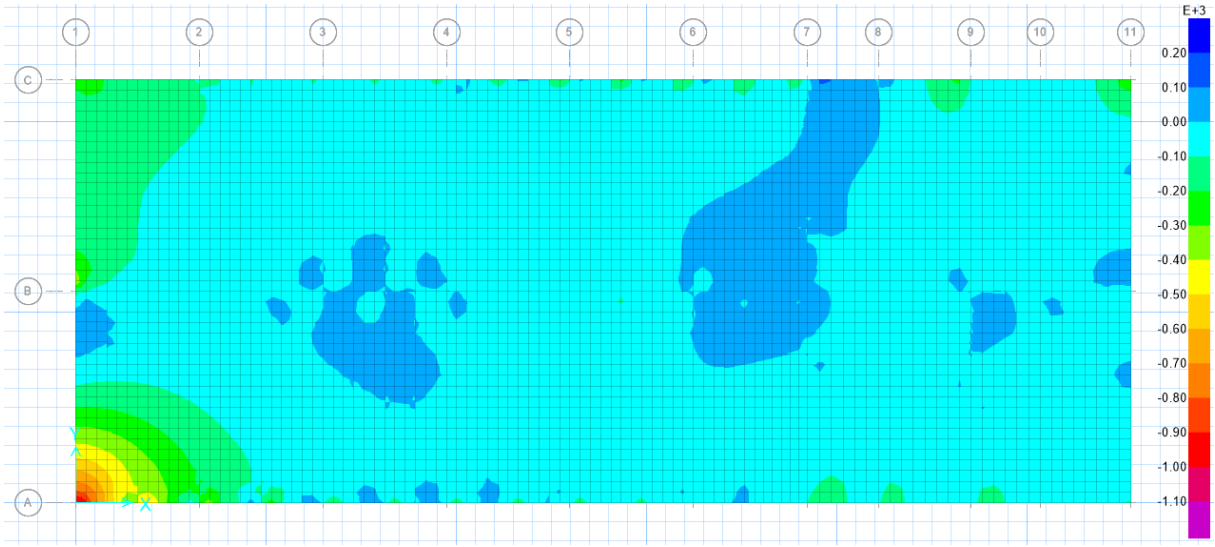
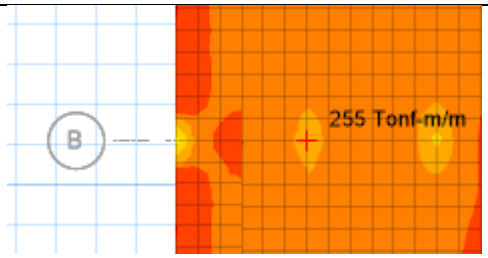
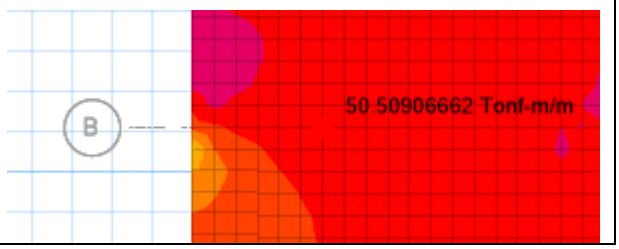


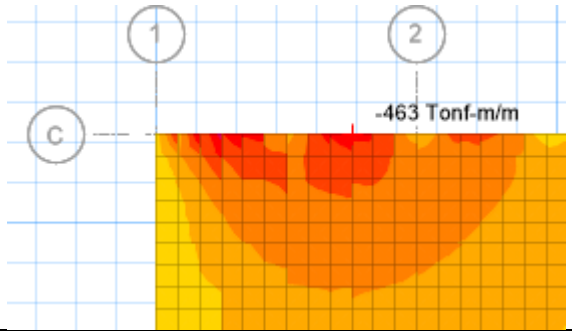
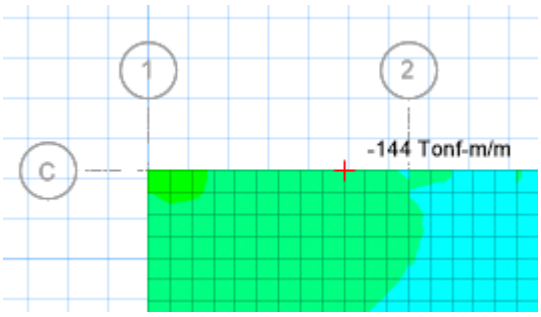
圖 113 基礎版彎矩圖 M12(MIN)

(1) 容器儲存區(柱線 1~3)X 向頂層配筋

M11 (tf-m)	M12 (tf-m)
255	51
	

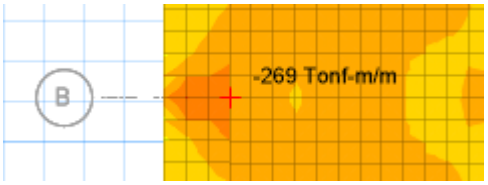
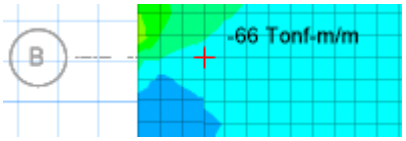
基礎版X向鋼筋				
Mu = M11+M12 =		306	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#10	@	15	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2_ =		10.7310		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00260	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		46.33	cm2	
As, prop =		54.29	cm2	
As,prop > As,req		ratio =	0.85	OK!

(2) 容器儲存區(柱線 1~3 之柱線 A&C 區域)X 向底層配筋

M11 (tf-m)	M12 (tf-m)
463	144
	

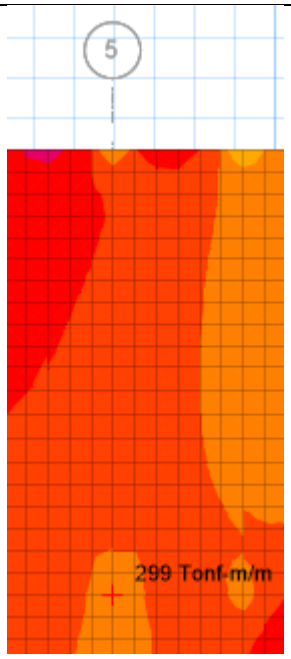
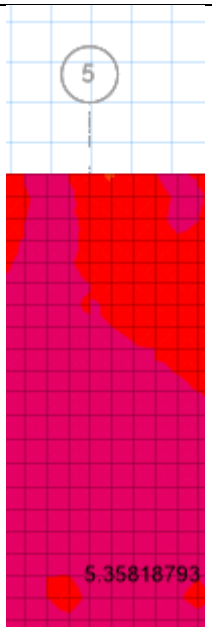
基礎版X向鋼筋						
Mu = M11+M12 =		607	tf-m			
f'c =	350	kgf/cm^2				
fy =	4200	kgf/cm^2				
版厚 T =	1.9	m				
Bw =	1	m				
採用	#10	+	#10	@	15	cm
保護層厚度 =	10	cm				
d' =	12	cm				
d =	178	cm				
ψ =	0.9					
m = fy/0.85f'c =	14.1176					
Rn = Mu/(ψ*Bw*d^2_ =		21.2866				
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00526			
ρ,min =	0.0018					
As,min =	17.10	cm2				
As,req =	93.70	cm2				
As, prop =	108.57	cm2				
As,prop > As,req		ratio =	0.86	OK!		

(3) 容器儲存區(柱線 1~3 之柱線 B 區域)X 向底層配筋

M11 (tf-m)	M12 (tf-m)
269	66
	

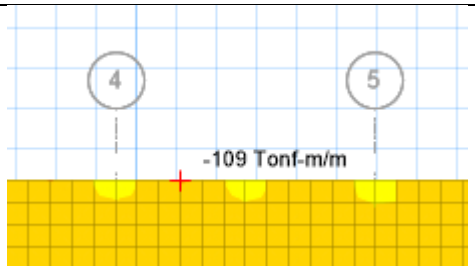
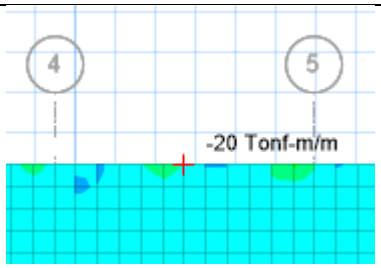
基礎版X向鋼筋				
Mu = M11+M12 =		335	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#10	@	15	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2_ =		11.7480		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00285	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		50.81	cm2	
As, prop =		54.29	cm2	
As,prop > As,req		ratio =	0.94	OK!

(4) 容器儲存區(柱線 3~6)X 向頂層配筋

M11 (tf-m)	M12 (tf-m)
299	5
	

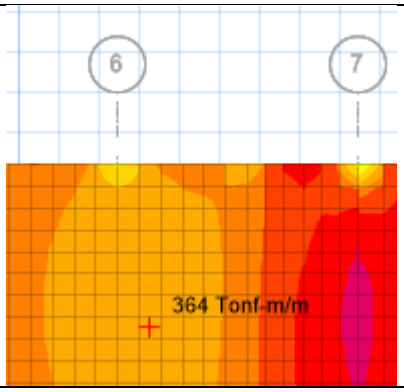
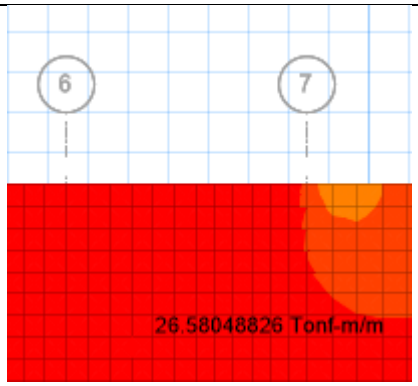
基礎版X向鋼筋				
Mu = M11+M12 =		304	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#10	@	15	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2_ =		10.6608		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00259	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		46.02	cm2	
As, prop =		54.29	cm2	
As,prop > As,req		ratio =	0.85	OK!

(5) 容器儲存區(柱線 3~6)X 向底層配筋

M11 (tf-m)	M12 (tf-m)
109	20
	

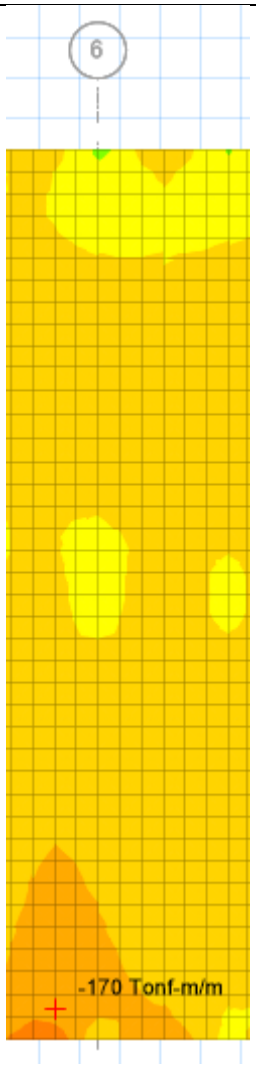
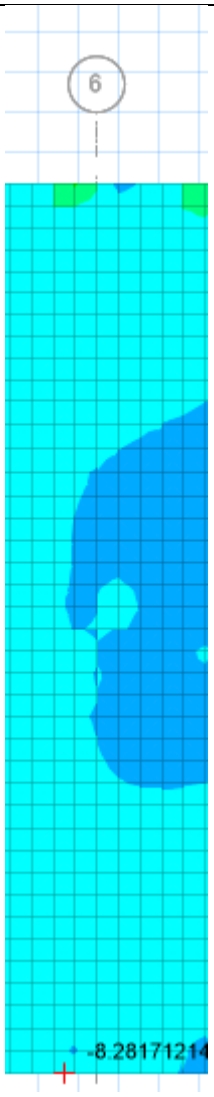
基礎版X向鋼筋				
Mu = M11+M12 =		129	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#8	@	20	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2_ =		4.5238		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00109	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		19.32	cm2	
As, prop =		25.34	cm2	
As,prop > As,req		ratio =	0.76	OK!

(6) 容器儲存區(柱線 6~8)X 向頂層配筋

M11 (tf-m)	M12 (tf-m)
364	27
	

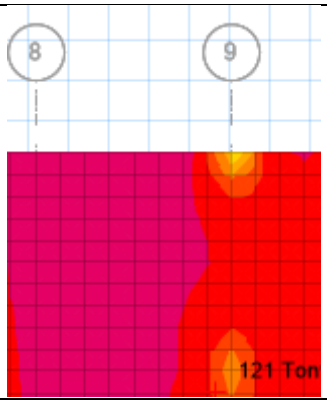
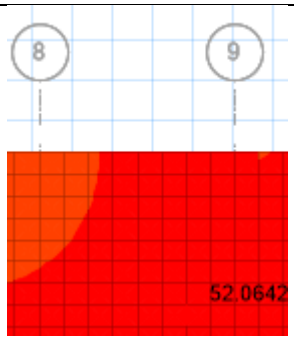
基礎版Y向鋼筋				
Mu = M22+M12 =		391	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#10	@	12	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2) =		13.7118		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00334	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		59.52	cm2	
As, prop =		67.86	cm2	
As,prop > As,req		ratio =	0.88	OK!

(7) 容器儲存區(柱線 6~8)X 向底層配筋

M11 (tf-m)	M12 (tf-m)
170	8
	

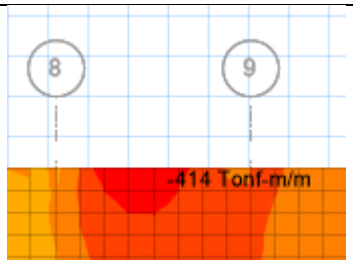
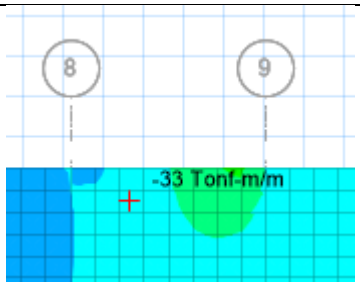
基礎版X向鋼筋				
Mu = M11+M12 =		178	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#8	@	15	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2_ =		6.2422		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00150	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		26.74	cm2	
As, prop =		33.78	cm2	
As,prop > As,req		ratio =	0.79	OK!

(8) 卸載區 X 向頂層配筋

M11 (tf-m)	M12 (tf-m)
121	52
	

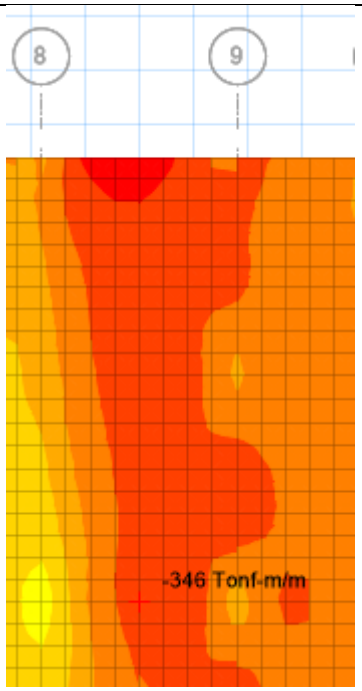
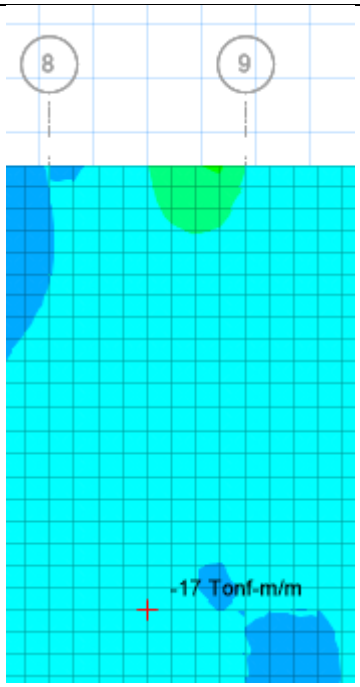
基礎版X向鋼筋				
Mu = M11+M12 =		173	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.3	m		
Bw =	1	m		
採用	#10	@	15	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	118	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2_ =		13.8051		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00337	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		11.70	cm2	
As,req = ρ*d*Bw =		39.73	cm2	
As, prop =		54.29	cm2	
As,prop > As,req		ratio =	0.73	OK!

(9) 卸載區(柱線 C 區域)X 向底層配筋

M11 (tf-m)	M12 (tf-m)
414	33
	

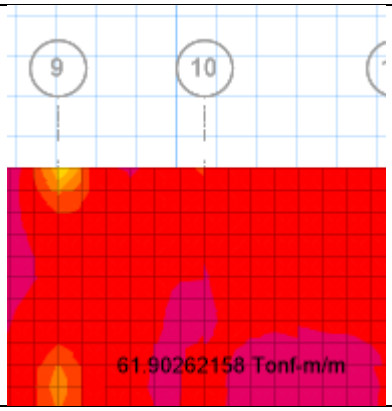
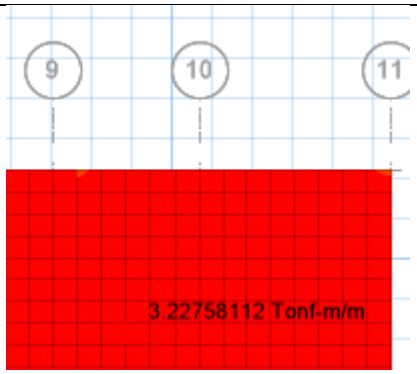
基礎版X向鋼筋						
Mu = M11+M12 =		447	tf-m			
f'c =	350	kgf/cm^2				
fy =	4200	kgf/cm^2				
版厚 T =	1.3	m				
Bw =	1	m				
採用	#10	+	#10	@	12	cm
保護層厚度 =	10	cm				
d' =	12	cm				
d =	118	cm				
ψ =	0.9					
m = fy/0.85f'c =	14.1176					
Rn = Mu/(ψ*Bw*d^2_ =		35.6698				
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00907			
ρ,min =	0.0018					
As,min =	11.70	cm2				
As,req =	107.07	cm2				
As, prop =	135.72	cm2				
As,prop > As,req		ratio =	0.79	OK!		

(10) 卸載區(柱線 A&B 區域)X 向底層配筋

M11 (tf-m)	M12 (tf-m)
346	17
	

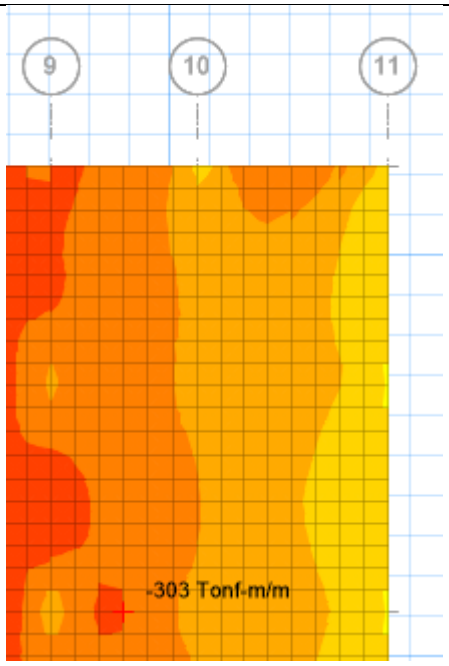
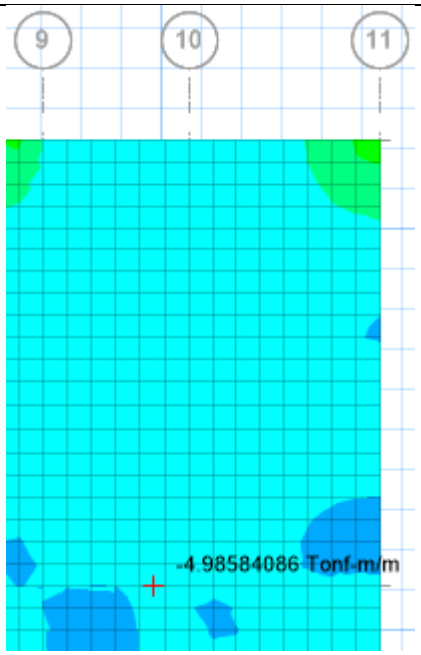
基礎版X向鋼筋						
Mu = M11+M12 =		363	tf-m			
f'c =	350	kgf/cm^2				
fy =	4200	kgf/cm^2				
版厚 T =	1.3	m				
Bw =	1	m				
採用	#10	+	#10	@	15	cm
保護層厚度 =	10	cm				
d' =	12	cm				
d =	118	cm				
ψ =	0.9					
m = fy/0.85f'c =	14.1176					
Rn = Mu/(ψ*Bw*d^2_ =		28.9668				
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00727			
ρ,min =	0.0018					
As,min =	11.70	cm2				
As,req =	85.79	cm2				
As, prop =	108.57	cm2				
As,prop > As,req		ratio =	0.79	OK!		

(11) 輔助區 X 向頂層配筋

M11 (tf-m)	M12 (tf-m)
62	3
	

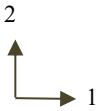
基礎版X向鋼筋				
Mu = M11+M12 =		65	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#8	@	20	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2) =		2.2795		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00054	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		17.10	cm2	
As, prop =		25.34	cm2	
As,prop > As,req		ratio =	0.67	OK!

(12) 輔助區 X 向底層配筋

M11 (tf-m)	M12 (tf-m)
303	5
	

基礎版X向鋼筋				
Mu = M11+M12 =		308	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#10	@	15	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2_ =		10.8011		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00262	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		46.64	cm2	
As, prop =		54.29	cm2	
As,prop > As,req		ratio =	0.86	OK!

7. 基礎版 Y 向配筋(取最大彎矩處進行檢核)



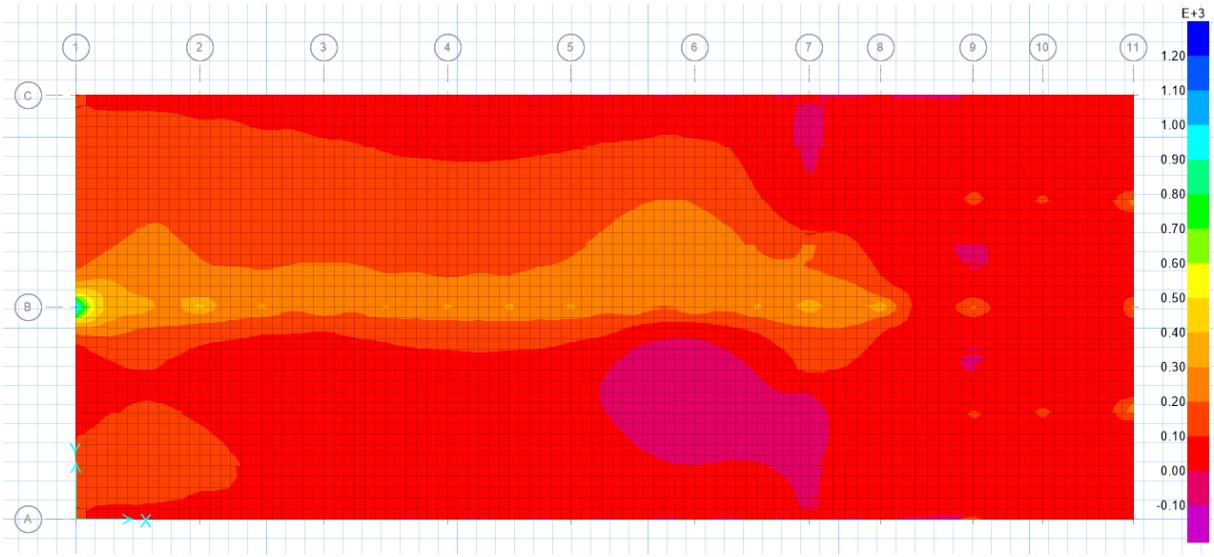


圖 114 基礎版彎矩圖 M22(MAX)

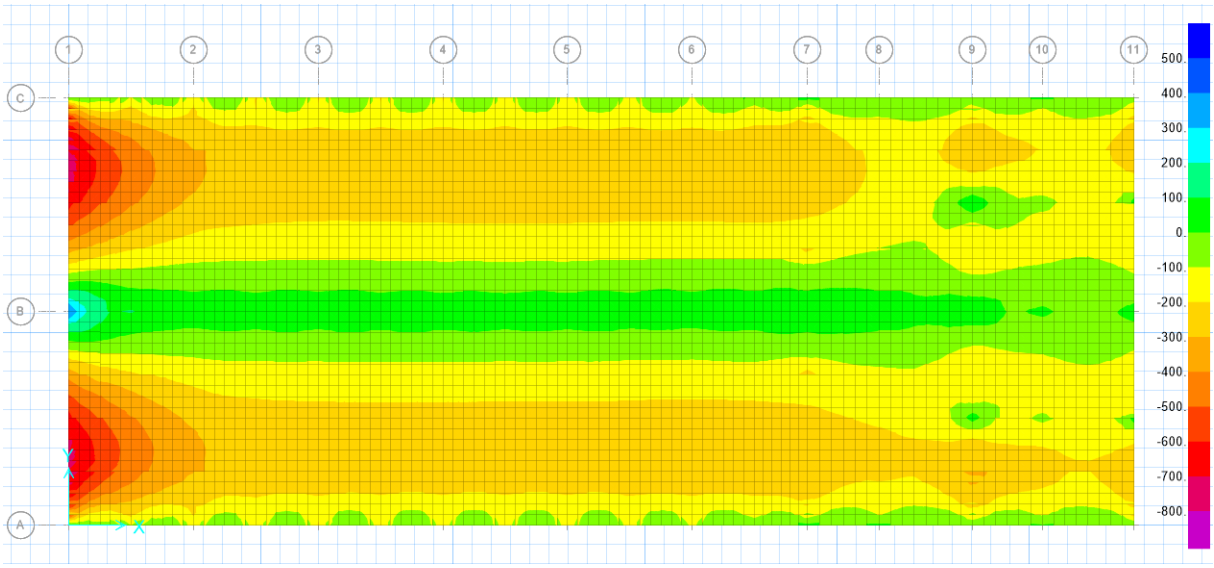


圖 115 基礎版彎矩圖 M22(MIN)

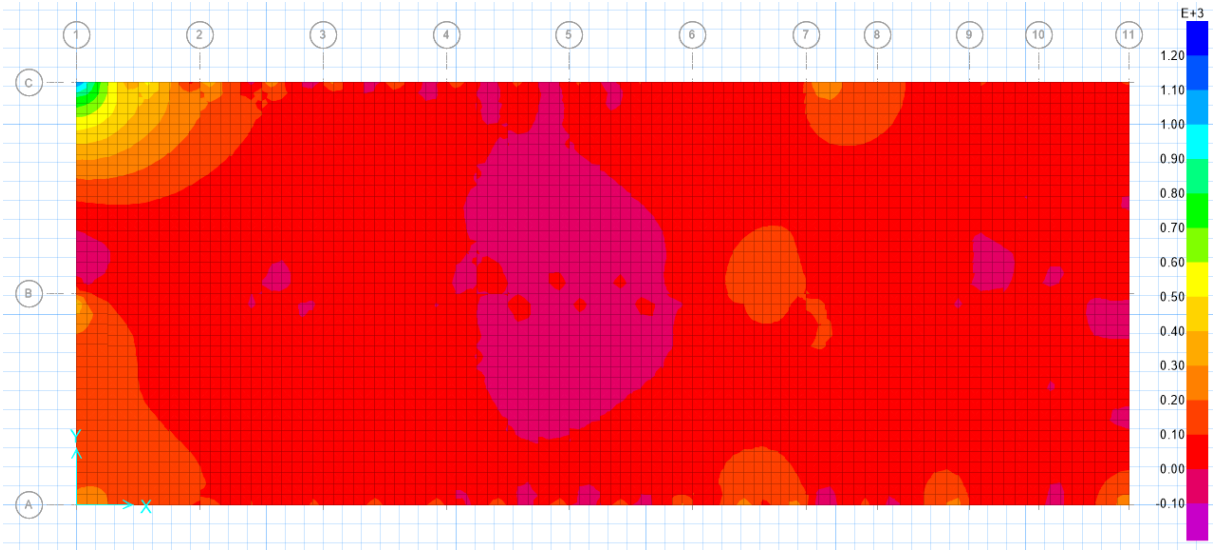


圖 116 基礎版彎矩圖 M12(MAX)

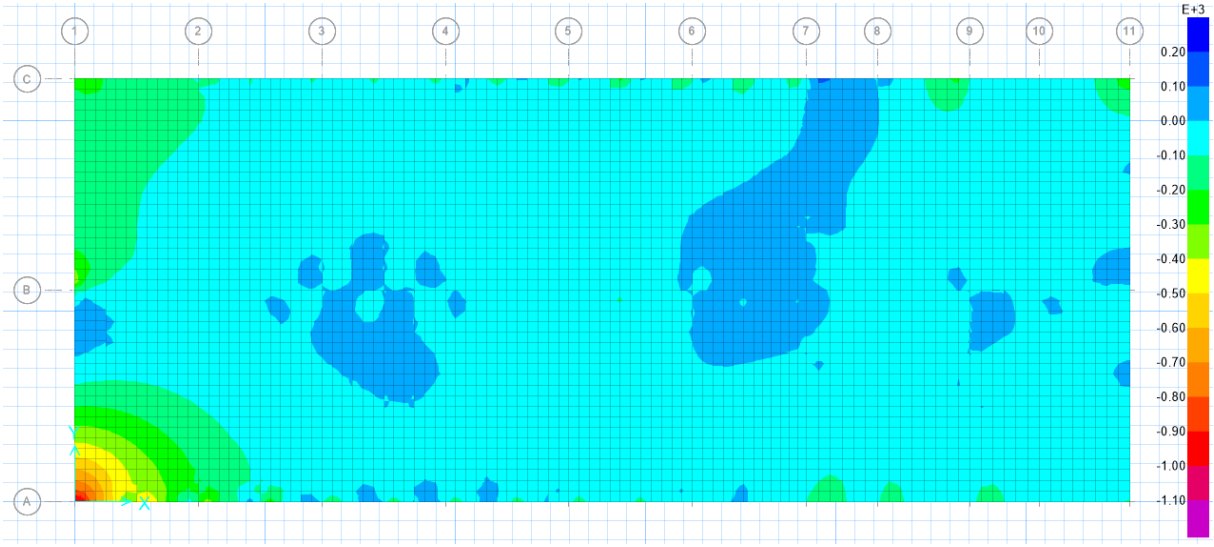
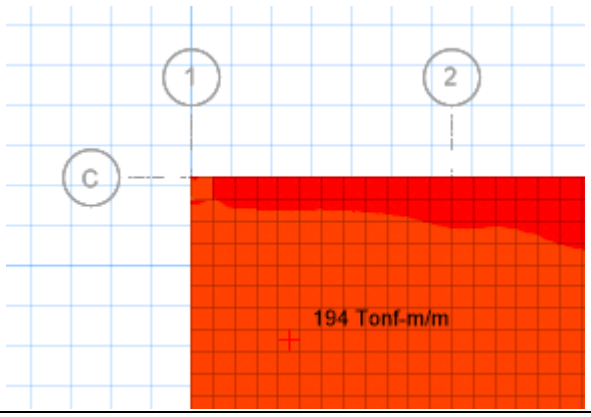
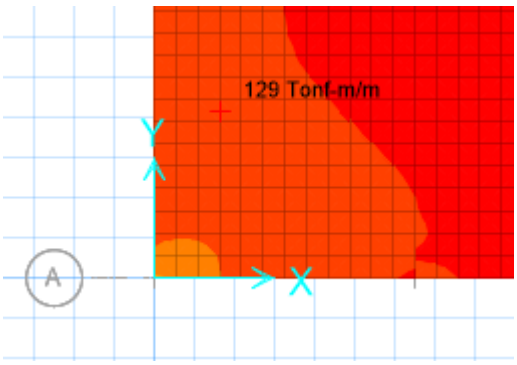


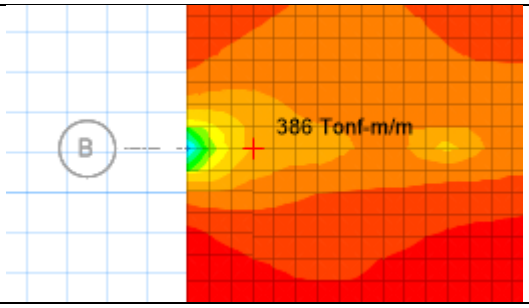
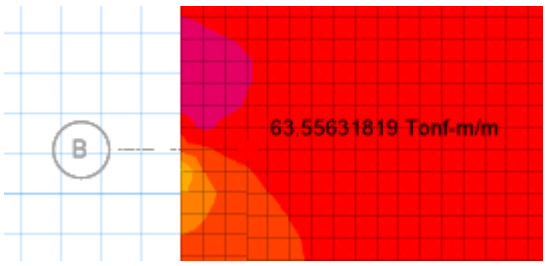
圖 117 基礎版彎矩圖 M12(MIN)

(1) 容器儲存區(柱線 1~3 之柱線 A&C 區域)Y 向頂層配筋

M22 (tf-m)	M12 (tf-m)
194	129
	

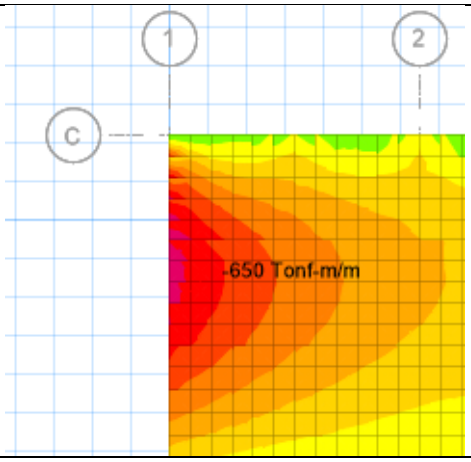
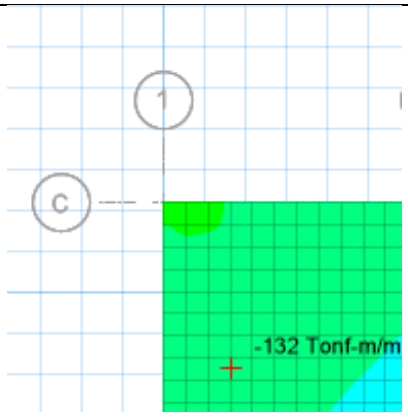
基礎版Y向鋼筋				
Mu = M22+M12 =		323	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#10	@	15	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2_ =		11.3271		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00275	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		48.96	cm2	
As, prop =		54.29	cm2	
As,prop > As,req		ratio =	0.90	OK!

(2) 容器儲存區(柱線 1~3 之柱線 B 區域)Y 向頂層配筋

M22 (tf-m)	M12 (tf-m)
386	64
	

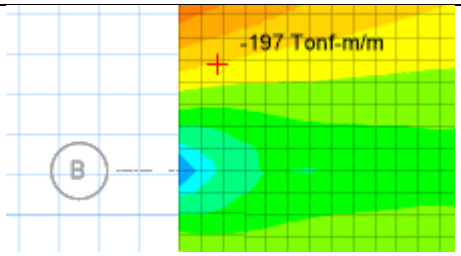
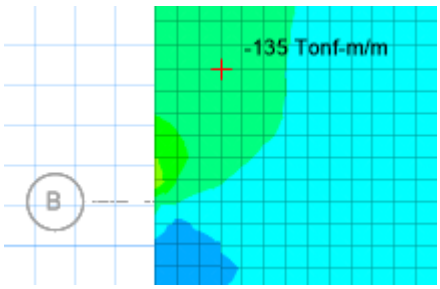
基礎版Y向鋼筋						
Mu = M22+M12 =		450	tf-m			
f'c =	350	kgf/cm^2				
fy =	4200	kgf/cm^2				
版厚 T =	1.9	m				
Bw =	1	m				
採用	#10	+	#8	@	15	cm
保護層厚度 =	10	cm				
d' =	12	cm				
d =	178	cm				
ψ =	0.9					
m = fy/0.85f'c =	14.1176					
Rn = Mu/(ψ*Bw*d^2_ =		15.7808				
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00386			
ρ,min =	0.0018					
As,min =	17.10	cm2				
As,req =	68.76	cm2				
As, prop =	88.07	cm2				
As,prop > As,req		ratio =	0.78	OK!		

(3) 容器儲存區(柱線 1~3 之柱線 A&C 區域)Y 向底層配筋

M22 (tf-m)	M12 (tf-m)
650	132
	

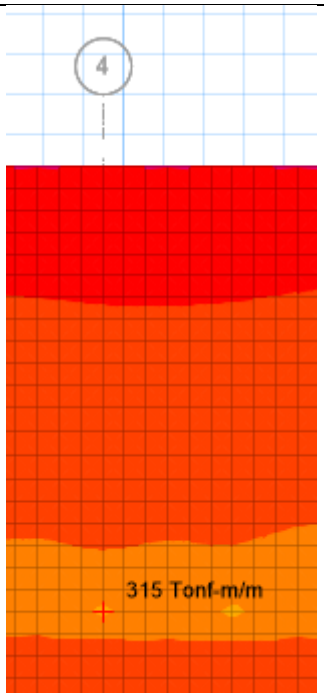
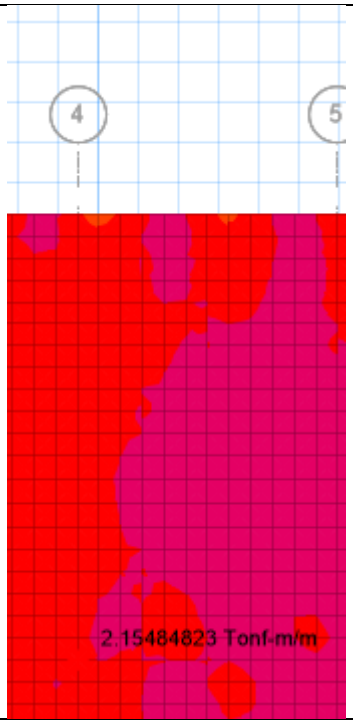
基礎版Y向鋼筋						
Mu = M22+M12 =		782	tf-m			
f'c =	350	kgf/cm^2				
fy =	4200	kgf/cm^2				
版厚 T =	1.9	m				
Bw =	1	m				
採用	#10	+	#10	@	12	cm
保護層厚度 =	10	cm				
d' =	12	cm				
d =	178	cm				
ψ =	0.9					
m = fy/0.85f'c =	14.1176					
Rn = Mu/(ψ*Bw*d^2_ =		27.4236				
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00686			
ρ,min =	0.0018					
As,min =	17.10	cm2				
As,req =	122.14	cm2				
As, prop =	135.72	cm2				
As,prop > As,req		ratio =	0.90	OK!		

(4) 容器儲存區(柱線 1~3 之柱線 B 區域)Y 向底層配筋

M22 (tf-m)	M12 (tf-m)
197	135
	

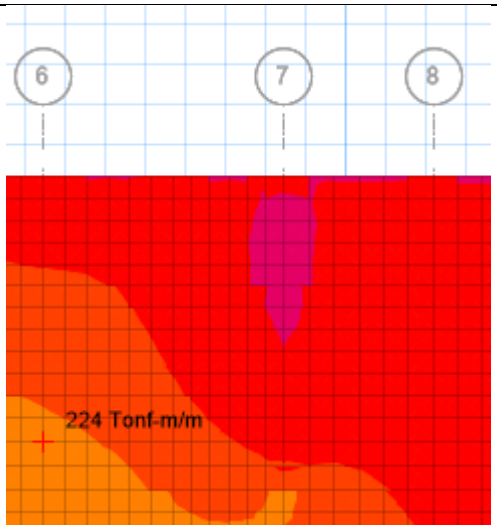
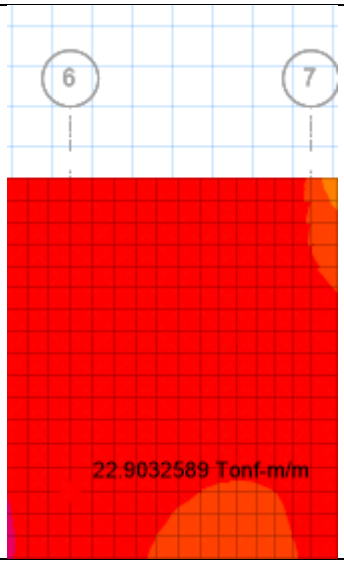
基礎版Y向鋼筋				
Mu = M22+M12 =		332	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#10	@	12	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2_ =		11.6427		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00283	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		50.35	cm2	
As, prop =		67.86	cm2	
As,prop > As,req		ratio =	0.74	OK!

(5) 容器儲存區(柱線 3~6)Y 向頂層配筋

M22 (tf-m)	M12 (tf-m)
315	2
	

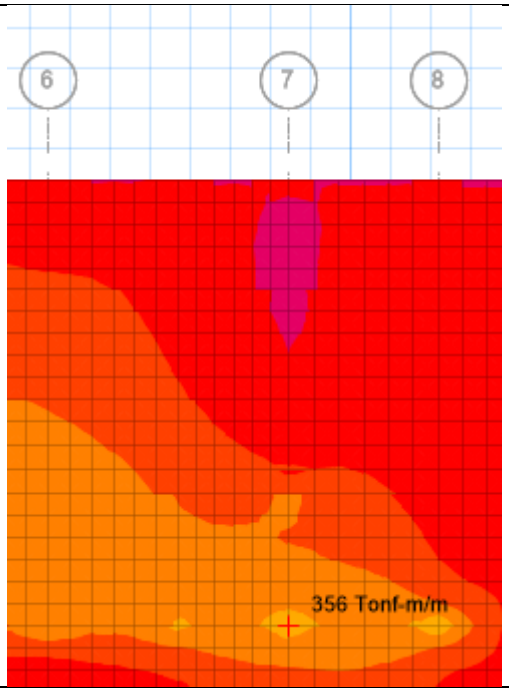
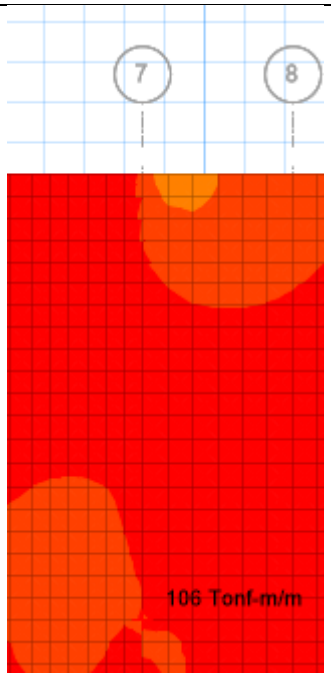
基礎版Y向鋼筋				
Mu = M22+M12 =		317	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#10	@	15	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2) =		11.1167		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00270	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		48.03	cm2	
As, prop =		54.29	cm2	
As,prop > As,req		ratio =	0.88	OK!

(6) 容器儲存區(柱線 6~8 之柱線 A&C 區域)Y 向頂層配筋

M22 (tf-m)	M12 (tf-m)
224	23
	

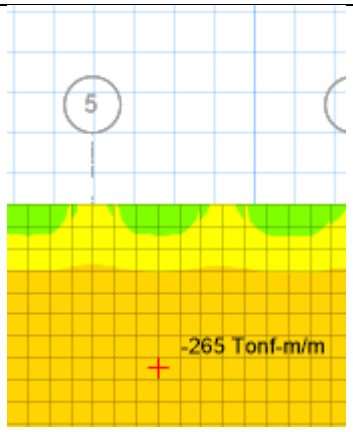
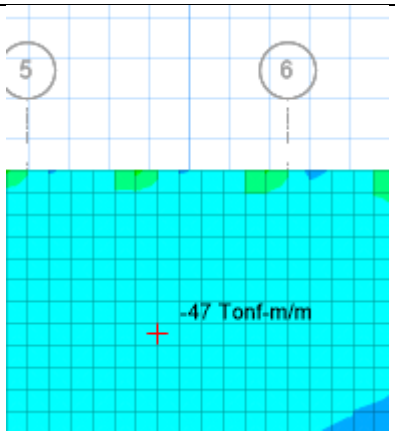
基礎版Y向鋼筋				
Mu = M22+M12 =		247	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#10	@	15	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2) =		8.6619		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00209	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		37.26	cm2	
As, prop =		54.29	cm2	
As,prop > As,req		ratio =	0.69	OK!

(7) 容器儲存區(柱線 6~8 之柱線 B 區域)Y 向頂層配筋

M22 (tf-m)	M12 (tf-m)
356	106
	

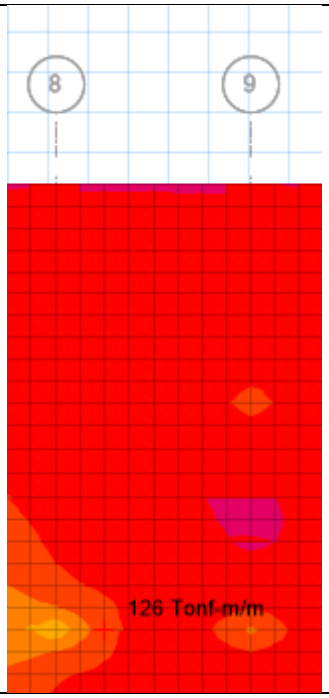
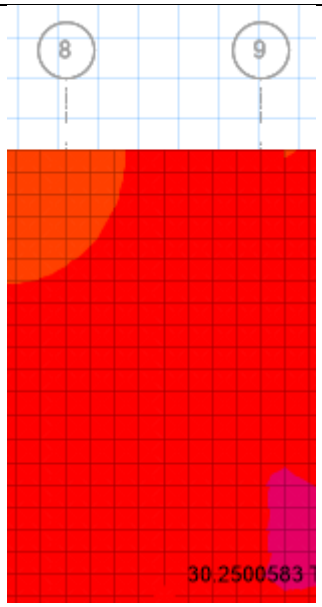
基礎版Y向鋼筋						
Mu = M22+M12 =		462	tf-m			
f'c =	350	kgf/cm^2				
fy =	4200	kgf/cm^2				
版厚 T =	1.9	m				
Bw =	1	m				
採用	#10	+	#8	@	15	cm
保護層厚度 =	10	cm				
d' =	12	cm				
d =	178	cm				
ψ =	0.9					
m = fy/0.85f'c =	14.1176					
Rn = Mu/(ψ*Bw*d^2) =		16.2017				
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00397			
ρ,min =	0.0018					
As,min =	17.10	cm2				
As,req =	70.64	cm2				
As, prop =	88.07	cm2				
As,prop > As,req		ratio =	0.80	OK!		

(8) 容器儲存區(柱線 3~8)Y 向底層配筋

M22 (tf-m)	M12 (tf-m)
265	47
	

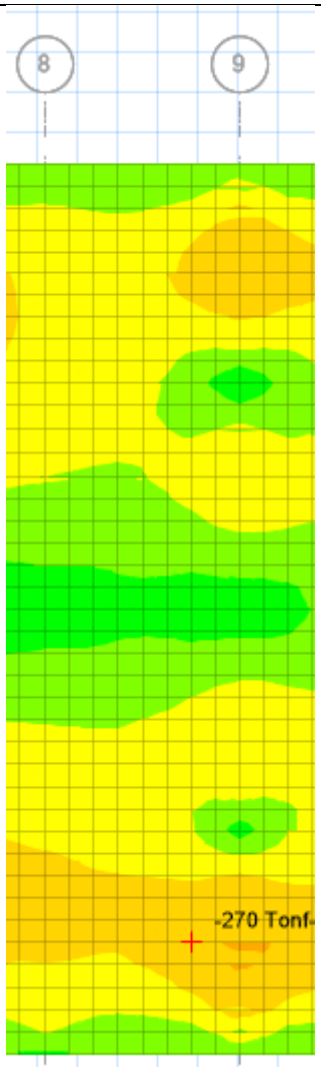
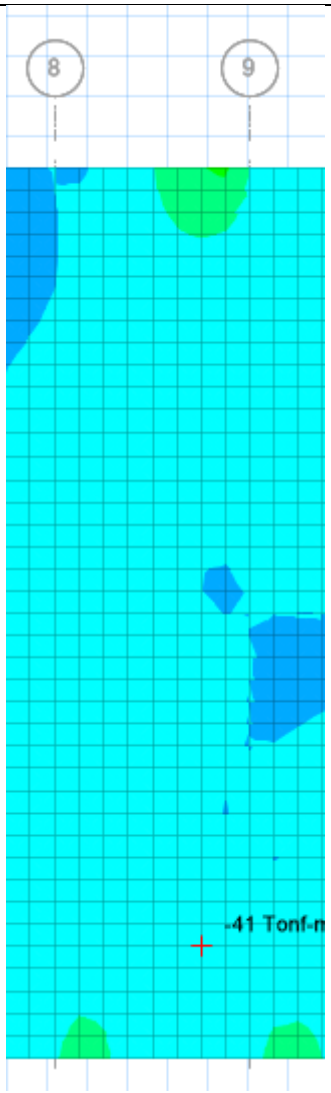
基礎版Y向鋼筋				
Mu = M22+M12 =		312	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#10	@	15	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2) =		10.9414		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00265	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		47.26	cm2	
As, prop =		54.29	cm2	
As,prop > As,req		ratio =	0.87	OK!

(9) 卸載區 Y 向頂層配筋

M22 (tf-m)	M12 (tf-m)
126	30
	

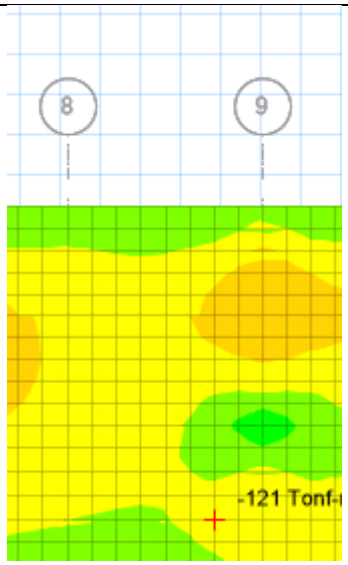
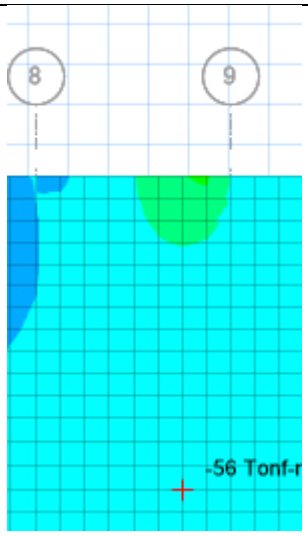
基礎版Y向鋼筋				
Mu = M22+M12 =		156	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.3	m		
Bw =	1	m		
採用	#10	@	20	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	118	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2) =		12.4485		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00303	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		11.70	cm2	
As,req = ρ*d*Bw =		35.74	cm2	
As, prop =		40.72	cm2	
As,prop > As,req		ratio =	0.88	OK!

(10) 卸載區(柱線 A&C 區域)Y 向底層配筋

M22 (tf-m)	M12 (tf-m)
270	41
	

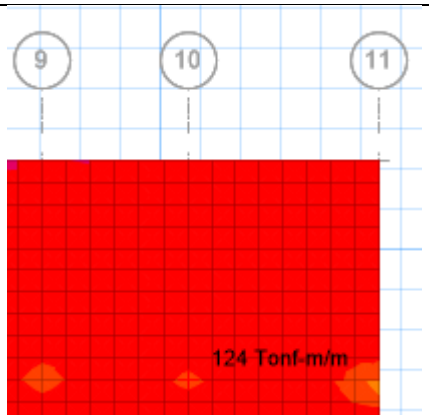
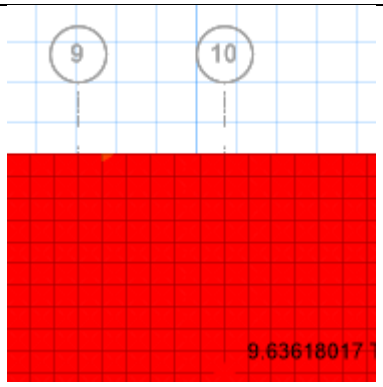
基礎版Y向鋼筋						
Mu = M22+M12 =		311	tf-m			
f'c =	350	kgf/cm^2				
fy =	4200	kgf/cm^2				
版厚 T =	1.3	m				
Bw =	1	m				
採用	#10	+	#8	@	15	cm
保護層厚度 =	10	cm				
d' =	12	cm				
d =	118	cm				
ψ =	0.9					
m = fy/0.85f'c =	14.1176					
Rn = Mu/(ψ*Bw*d^2) =		24.8173				
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00618			
ρ,min =	0.0018					
As,min =	11.70	cm2				
As,req =	72.90	cm2				
As, prop =	88.07	cm2				
As,prop > As,req		ratio =	0.83	OK!		

(11) 卸載區(柱線 B 區域)Y 向底層配筋

M22 (tf-m)	M12 (tf-m)
121	56
	

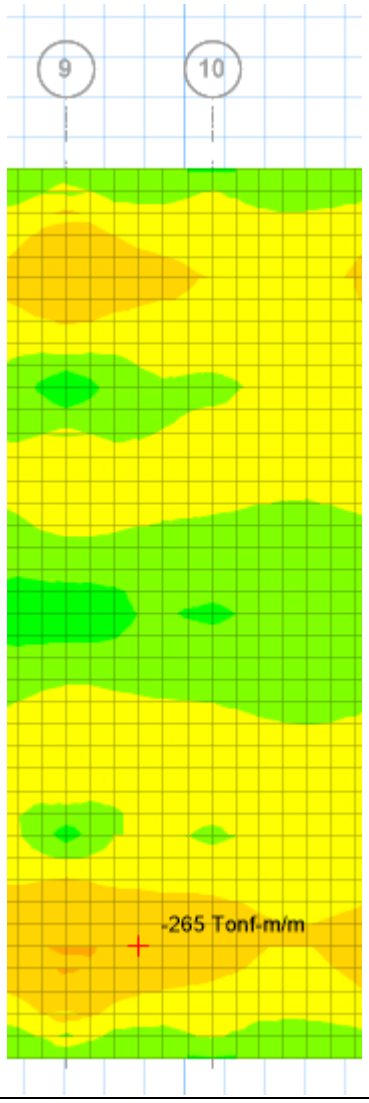
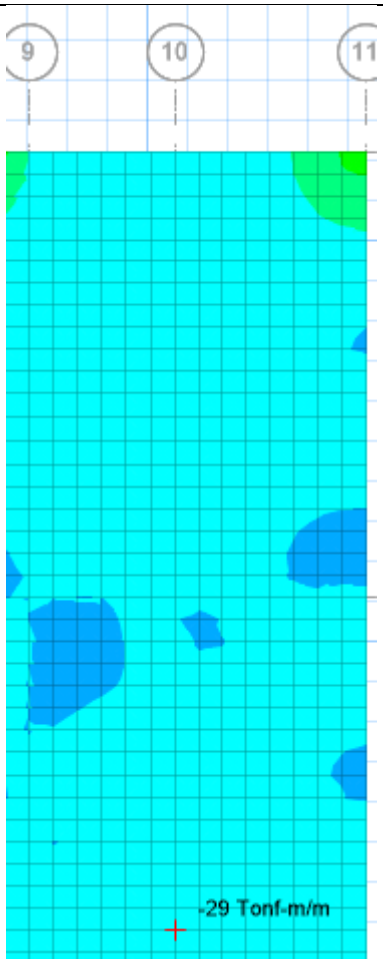
基礎版Y向鋼筋				
Mu = M22+M12 =		177	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.3	m		
Bw =	1	m		
採用	#10	@	15	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	118	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2) =		14.1243		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00345	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		11.70	cm2	
As,req = ρ*d*Bw =		40.67	cm2	
As, prop =		54.29	cm2	
As,prop > As,req		ratio =	0.75	OK!

(12) 輔助區 Y 向頂層配筋

M22 (tf-m)	M12 (tf-m)
124	10
	

基礎版Y向鋼筋				
Mu = M22+M12 =		134	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#8	@	20	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2) =		4.6992		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00113	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		20.08	cm2	
As, prop =		25.34	cm2	
As,prop > As,req		ratio =	0.79	OK!

(13) 輔助區 Y 向底層配筋

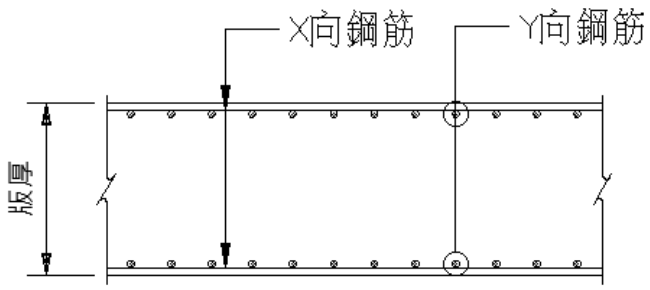
M22 (tf-m)	M12 (tf-m)
265	29
	

基礎版Y向鋼筋				
Mu = M22+M12 =		294	tf-m	
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 T =	1.9	m		
Bw =	1	m		
採用	#10	@	15	cm
保護層厚度 =	10	cm		
d' =	12	cm		
d =	178	cm		
ψ =	0.9			
m = fy/0.85f'c =	14.1176			
Rn = Mu/(ψ*Bw*d^2) =		10.3101		
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) =			0.00250	
ρ,min =	0.0018			
As,min = ρ,min/2*T*Bw =		17.10	cm2	
As,req = ρ*d*Bw =		44.48	cm2	
As, prop =		54.29	cm2	
As,prop > As,req		ratio =	0.82	OK!

基礎版配筋整理如下：

表 36 基礎版配筋表

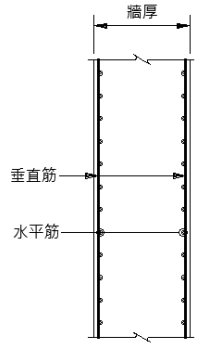
區域	版編號	版厚 (cm)	X 向		Y 向	
			頂層筋	底層筋	頂層筋	底層筋
容器儲存區 (柱線 1~3 之柱線 A&C 區域)	FS1	190	#10@15cm	#10+#10@ 15cm	#10@15cm	#10+#10 @12cm
容器儲存區 (柱線 1~3 之柱線 B 區域)	FS1	190	#10@15cm	#10@15cm	#10+#8 @15cm	#10@12cm
容器儲存區 (柱線 3~6)	FS2	190	#10@15cm	#8@20cm	#10@15cm	#10@15cm
容器儲存區 (柱線 6~8 之柱線 A&C 區域)	FS3	190	#10@12cm	#8@15cm	#10@15cm	#10@15cm
容器儲存區 (柱線 6~8 之柱線 B 區域)	FS3	190	#10@12cm	#8@15cm	#10+#8 @15cm	#10@15cm
卸載區 (柱線 8~9 之柱線 A 區域)	FS4	130	#10@15cm	#10+#10 @15cm	#10@20cm	#10+#8 @15cm
卸載區 (柱線 8~9 之柱線 B 區域)	FS4	130	#10@15cm	#10+#10 @15cm	#10@20cm	#10@15cm
卸載區 (柱線 8~9 之柱線 C 區域)	FS4	130	#10@15cm	#10+#10 @12cm	#10@20cm	#10+#8 @15cm
輔助區 (柱線 9~11)	FS5	190	#8@20cm	#10@15cm	#8@20cm	#10@15cm



十八、剪力牆設計

本案之剪力牆厚度為 90cm 及 30cm，牆厚 90cm 之垂直筋採#7@15cm、水平筋採#6@20cm，牆厚 30cm 之垂直筋採#4@15cm、水平筋採#4@20cm。各桿件配筋結果詳見「二十三、電腦報表輸出」。

表 37 剪力牆配筋表



牆編號	牆厚 (cm)	垂直筋	水平筋
W90	90	#7@15cm	#6@20cm
W30	30	#4@15cm	#4@20cm

1. 剪力牆 W90 設計以柱線 A 為例

Uniform Reinforcing Pier Section - Check (ACI 318-08/IBC 2009)

Story ID: RF Pier ID: PA X Loc: 43.5 Y Loc: 0 Units: Ton-m

Flexural Check for P-M2-M3 (RLLF = 1.000)

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.882	U2	-6745.505	3216.332	6853.541
Bottom	0.409	U5DYA	3068.482	3917.002	1925.557

Shear Design

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EXA	1968.144	4784.388	2461.099	6388.656	10334.976
Bot Leg 1	22.500	U5EXA	3202.424	10400.320	2461.099	6536.770	10483.090

Boundary Element Check

Edge Location	Edge Length	Governing Combo	Pu	Mu	Stress Comp	Stress Limit	C Depth	C Limit
Left Top	0.000	U5DXB	2296.714	-565.8408	29.831	700.000	N/C	N/C
Right Top	0.000	U5EYB	2344.640	877.5675	30.717	700.000	N/C	N/C
Left Bot	0.000	U5DXB	3752.399	-1712.4497	49.432	700.000	N/C	N/C
Right Bot	0.000	U5EYB	3800.325	1052.9567	49.463	700.000	N/C	N/C

Combos... Overwrites... OK Cancel

剪力牆設計						
牆編號：	W90		柱線	A		
f'c =	350	kgf/cm^2				
fy =	4200	kgf/cm^2				
牆長 Lw =	87	m				
牆厚 tw =	90	cm				
牆高 hw =	5.7	m				
保護層厚度	10	cm				
牆斷面檢核						
剪力 Vu =	2461.099	tf				
最小牆厚 =	22.8	cm	< tw	OK!		
剪力面積						
Acv = 0.8*Lw*tw =		626400	cm2			
Vu < ψ(2.12√f'c)Acv =		18633.00	tf	OK!		
檢核最大壓應力fc						
軸力 Pu =	3800.325	tf				
彎矩 Mu =	1052.957	tf-m				
Ag = tw*Lw =		783000	cm2			
S = tw*Lw^2/6 =		1.14E+09	cm3			
fc = Pu / Ag + Mu / S =		4.9463	kgf/cm^2	< 0.2 f'c =	70.00	kgf/cm^2
		此牆不需設置端構材				

水平鋼筋					
軸力 Pu =	3202.424	tf			
彎矩 Mu =	10400.32	tf-m			
剪力 Vu =	2461.099	tf			
剪力強度 Vc =		10835.90	tf		
ψVs,req =		0.00	tf		
(Av / s),req =	0.00	cm2 / cm			
sh,max =	45	cm			
ρh,min =	0.0025				
採用	#6	@	20	cm	
ρh =	0.0032	> ρh,min	OK!		
(Av / s),prop =	0.29	cm2 / cm	> (Av / s),req		OK!

垂直鋼筋					
軸力 Pu =	6745.505	tf			
彎矩 M2u =	3216.332	tf-m			
彎矩 M3u =	6853.541	tf-m			
sv.max =	45	cm			
ρv,min =	0.0033				
As,req =	2035.8	cm2			
採用	#7	@	15	cm	
ρv =	0.0057	> ρv,min	OK!		
As,prop =	2245.18	cm2	> As,req		OK!

檢核面外橫力					
S_{DS} =	0.5				
I =	1.5				
Ww =	1071.14	tf			
面外橫力 Fp = $0.4IS_{DS}Ww$ =			321.34	tf	
hw / Lw =	0.0655				
α =	0.8	(hw / Lw <=1.5)			
λ =	1	（常重混凝土）			
ρt =	0.005735				
剪力強度 ψVn = $0.75(\alpha\lambda(f'c)^{0.5}+\rho tfy)Acv$ =				18347.03	tf
	<	$2.12(f'c)^{0.5}Acv$ =		24844.01	tf
檢核 ψVn	> Fp	OK!			

2. 剪力牆 W30 設計以柱線 A 為例

Uniform Reinforcing Pier Section - Check (ACI 318-08/IBC 2009)

Story ID: 3F Pier ID: PA-W30 X Loc: 94.75 Y Loc: 0 Units: Ton-m

Flexural Check for P-M2-M3 (RLLF = 1.000)

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.846	U2	-491.579	15.370	-2027.199
Bottom	0.186	U2	1435.381	-17.221	-289.917

Shear Design

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	7.500	U2	-491.579	-2027.199	347.463	382.985	675.935
Bot Leg 1	7.500	U2	1435.381	-289.917	347.463	672.029	964.979

Boundary Element Check

Edge Location	Edge Length	Governing Combo	Pu	Mu	Stress Comp	Stress Limit	C Depth	C Limit
Left Top	0.000	U5EYA	209.398	-46.4438	48.898	700.000	N/C	N/C
Right Top	0.000	U7EYA	171.167	76.1854	43.152	700.000	N/C	N/C
Left Bot	0.000	U5EYA	279.020	-91.6117	67.631	700.000	N/C	N/C
Right Bot	0.000	U5EYA	279.020	5.8453	60.491	700.000	N/C	N/C

Combos... Overwrites... OK Cancel

剪力牆設計						
牆編號：	W30		柱線	A		
f'c =	350	kgf/cm^2				
fy =	4200	kgf/cm^2				
牆長 Lw =	15.5	m				
牆厚 tw =	30	cm				
牆高 hw =	5	m				
保護層厚度	10	cm				

牆斷面檢核						
剪力 Vu =	347.463	tf				
最小牆厚 =	20	cm	< tw	OK!		
剪力面積						
Acv = 0.8*Lw*tw =		37200	cm2			
Vu < ψ(2.12√f'c)Acv =		1106.56	tf	OK!		
檢核最大壓應力fc						
軸力 Pu =	279.02	tf				
彎矩 Mu =	91.6117	tf-m				
Ag = tw*Lw =		46500	cm2			
S = tw*Lw^2/6 =		12012500	cm3			
fc = Pu / Ag + Mu / S =		6.7631	kgf/cm^2	< 0.2 f'c =	70.00	kgf/cm^2
		此牆不需設置端構材				

水平鋼筋					
軸力 Pu =	491.579	tf			
彎矩 Mu =	2027.199	tf-m			
剪力 Vu =	347.463	tf			
剪力強度 Vc =		703.79	tf		
ψVs,req =		0.00	tf		
(Av / s),req =	0.00	cm2 / cm			
sh,max =	45	cm			
ρh,min =	0.0025				
採用	#4	@	20	cm	
ρh =	0.0042	> ρh,min	OK!		
(Av / s),prop =	0.13	cm2 / cm	> (Av / s),req		OK!

垂直鋼筋					
軸力 Pu =	491.579	tf			
彎矩 M2u =	15.37	tf-m			
彎矩 M3u =	2027.199	tf-m			
sv.max =	45	cm			
ρv,min =	0.0044				
As,req =	113.93	cm2			
採用	#4	@	15	cm	
ρv =	0.0056	> ρv,min	OK!		
As,prop =	130.92	cm2	> As,req		OK!

檢核面外橫力					
S_{DS} =	0.5				
I =	1.5				
Ww =	55.80	tf			
面外橫力 Fp = $0.4IS_{DS}Ww$ =			16.74	tf	
hw / Lw =	0.3226				
α =	0.8	(hw / Lw <=1.5)			
λ =	1	（常重混凝土）			
ρt =	0.005631				
剪力強度 ψVn = $0.75(\alpha\lambda(f'c)^{0.5}+\rho tfy)Acv$ =				1077.423	tf
	<	$2.12(f'c)^{0.5}Acv$ =		1475.41	tf
檢核 ψVn	> Fp	OK!			

3. 柱線 7 剪力牆 W90 邊構材檢核

Uniform Reinforcing Pier Section - Check (ACI 318-08/IBC 2009)

Story ID: 2F Pier ID: P7-2 X Loc: 71.1 Y Loc: 33.8 Units: Ton-m

Flexural Check for P-M2-M3 (RLLF = 1.000)

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.181	U2	3922.202	-11.174	3034.355
Bottom	0.355	U5DXA	446.693	442.040	3766.441

Shear Design

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	127.675	2780.212	522.262	1033.662	1686.846
Bot Leg 1	22.500	U5EYA	306.881	5391.590	522.262	1055.167	1708.351

Boundary Element Check

Edge Location	Edge Length	Governing Combo	Pu	Mu	Stress Comp	Stress Limit	C Depth	C Limit
Left Top	0.000	U1	0.000	0.0000	0.000	0.000	0.000	0.000
Right Top	0.000	U5EYA	513.196	2780.2122	128.983	700.000	N/C	N/C
Left Bot	0.000	U1	0.000	0.0000	0.000	0.000	0.000	0.000
Right Bot	0.000	U5EYA	707.238	5391.5901	227.912	700.000	N/C	N/C

Combos... Overwrites... OK Cancel

f'c =	350	kgf/cm^2
fy =	4200	kgf/cm^2
牆長 Lw =	15	m
牆厚 tw =	90	cm

檢核最大壓應力fc						
軸力 Pu =	707.238	tf				
彎矩 Mu =	5391.59	tf-m				
Ag = tw*Lw =		135000	cm2			
S = tw*Lw^2/6 =		33750000	cm3			
fc = Pu / Ag + Mu / S =		21.2139	kgf/cm^2	< 0.2 f'c =	70.00	kgf/cm^2
		此牆不需設置端構材				

4. 剪力牆應力比(需求/容量)

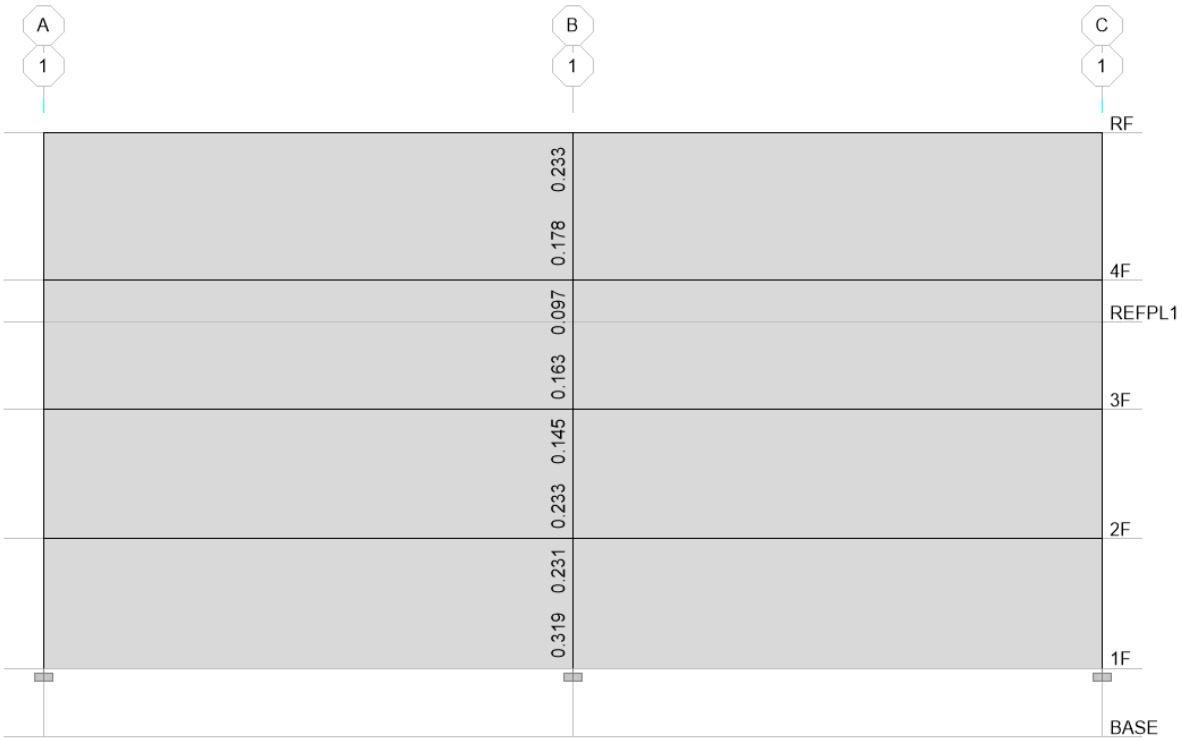


圖 118 柱線 1 剪力牆應力比(需求/容量)

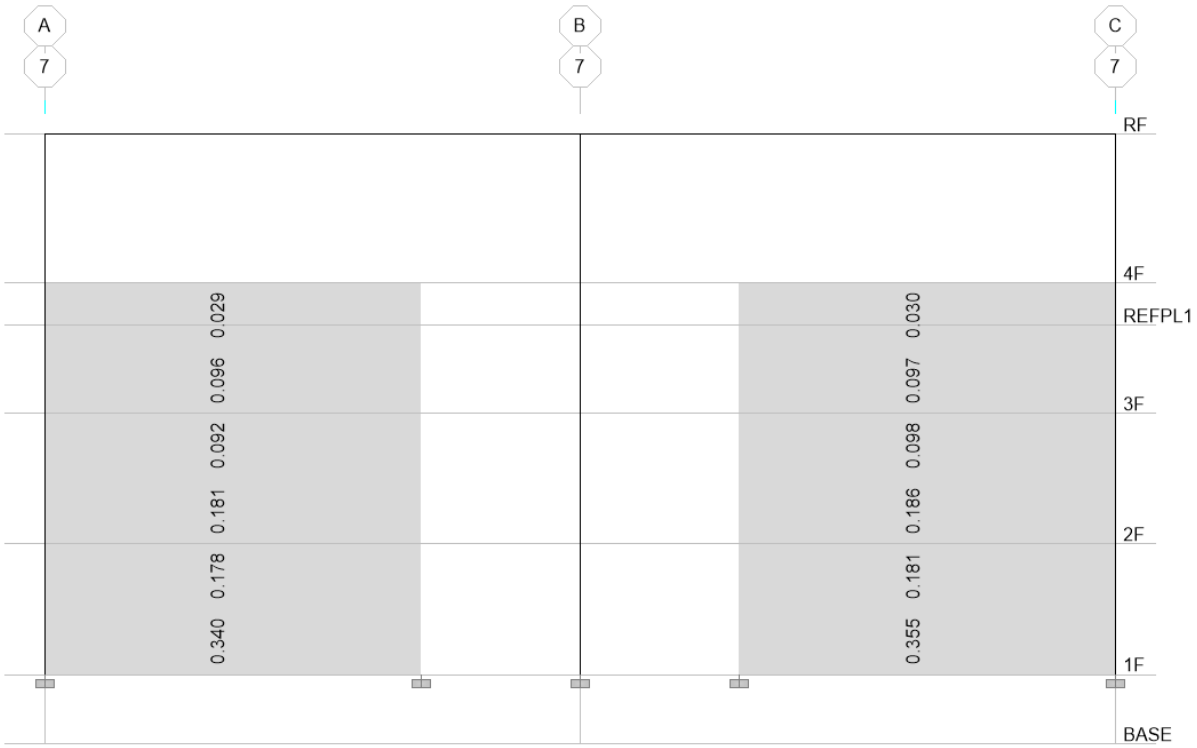


圖 119 柱線 7 剪力牆應力比(需求/容量)

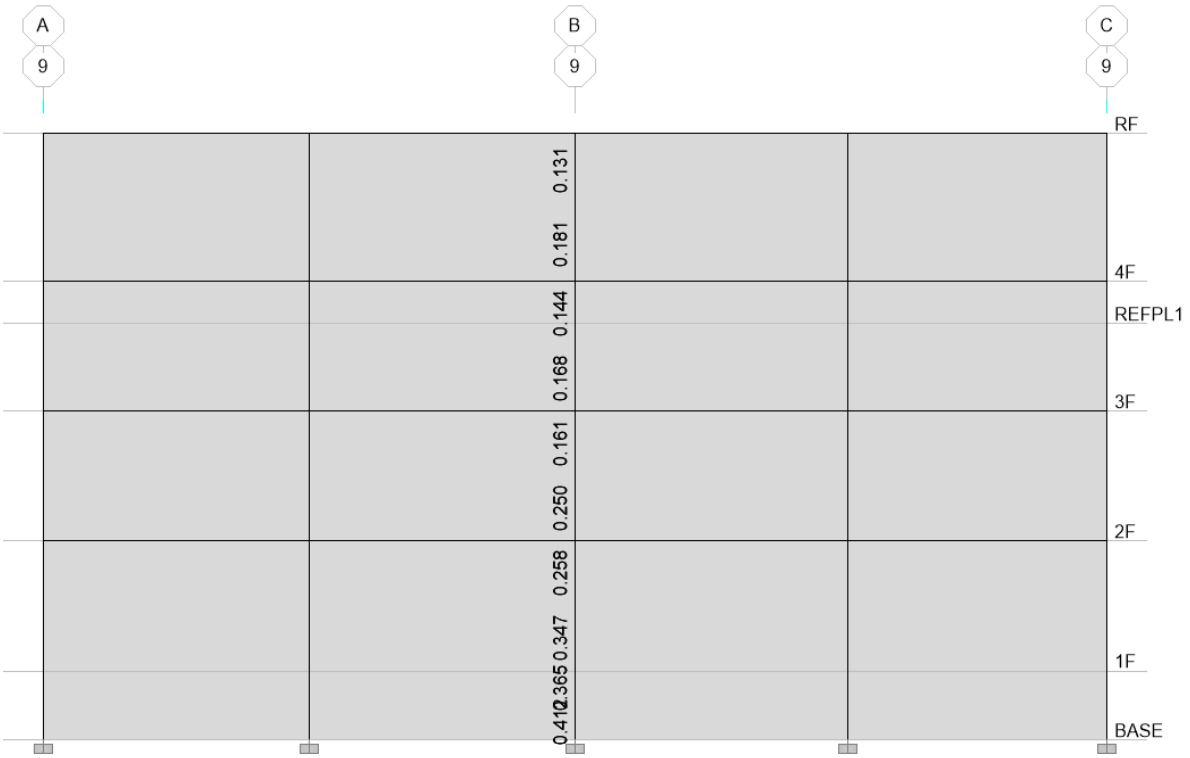


圖 120 柱線 9 剪力牆應力比(需求/容量)

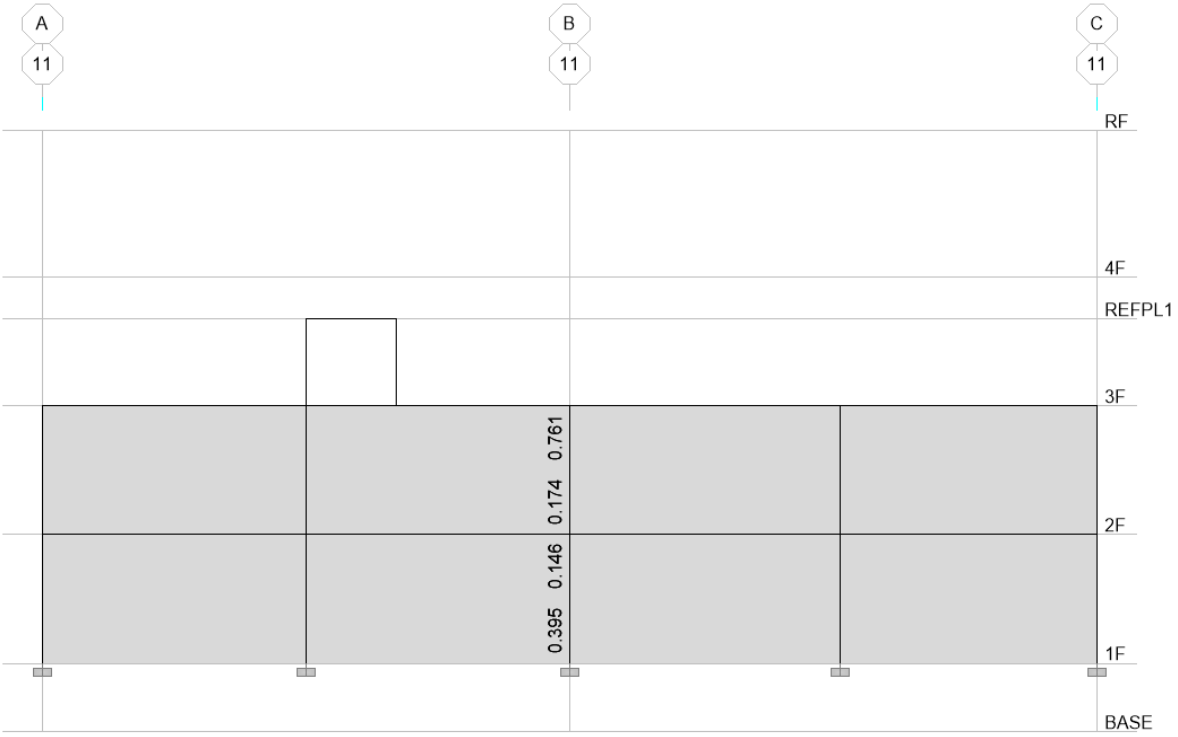


圖 121 柱線 11 剪力牆應力比(需求/容量)

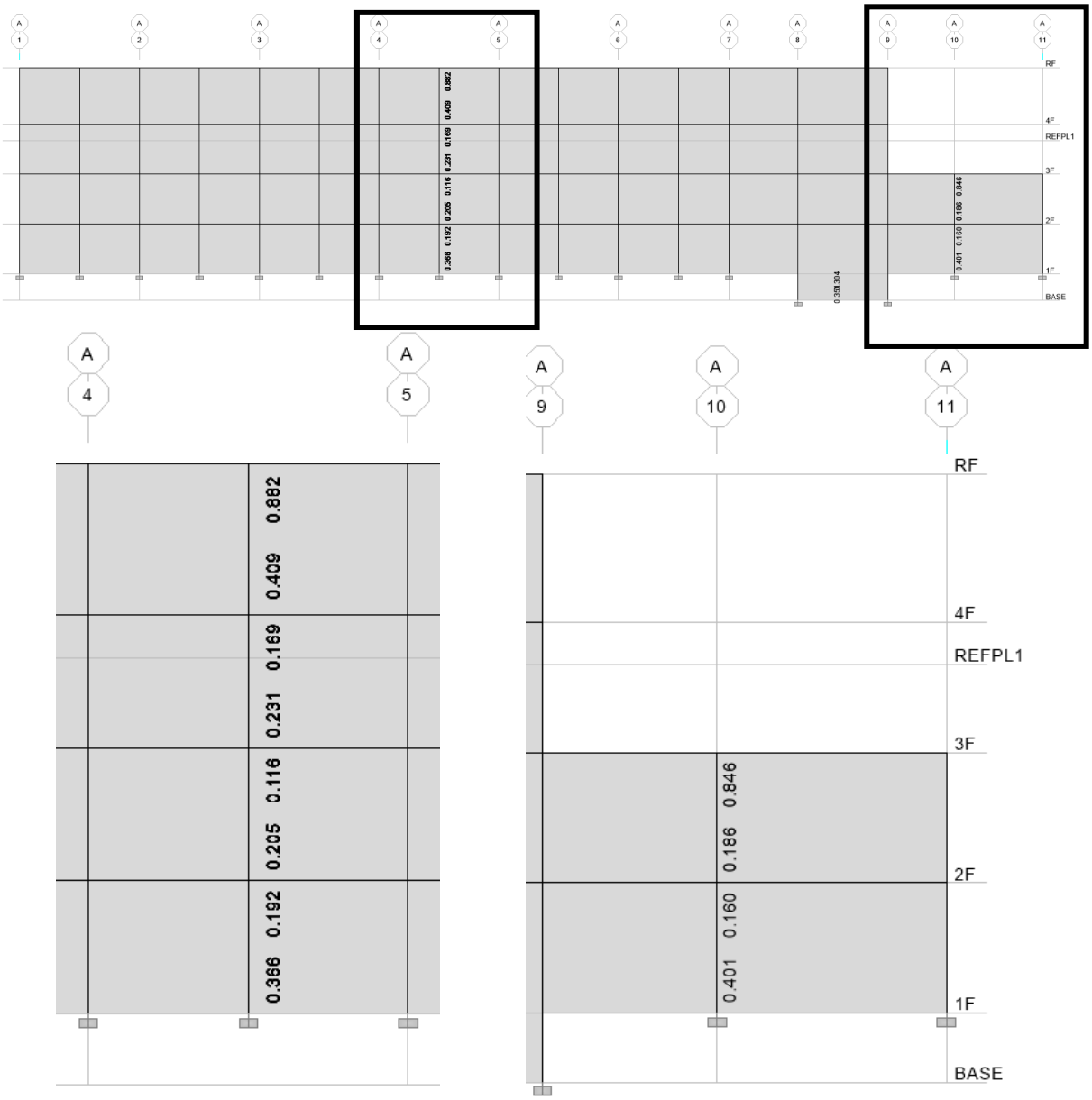
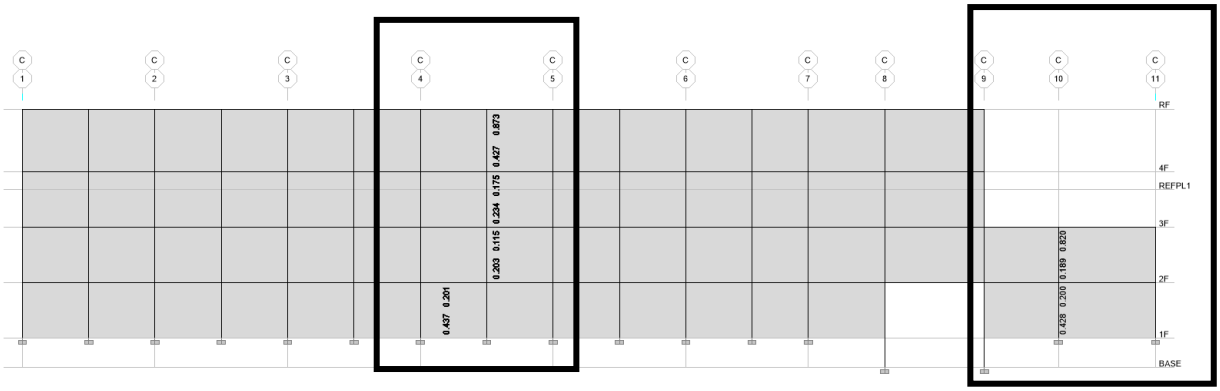


圖 122 柱線 A 剪力牆應力比(需求/容量)



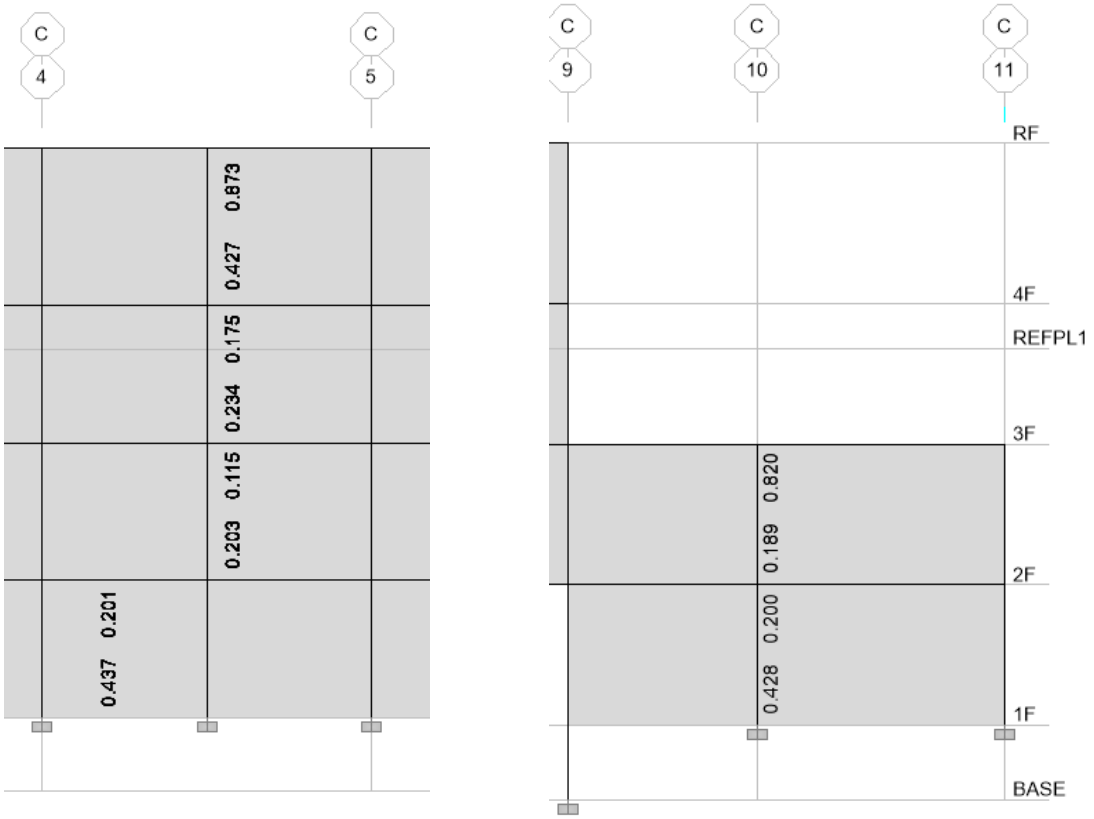
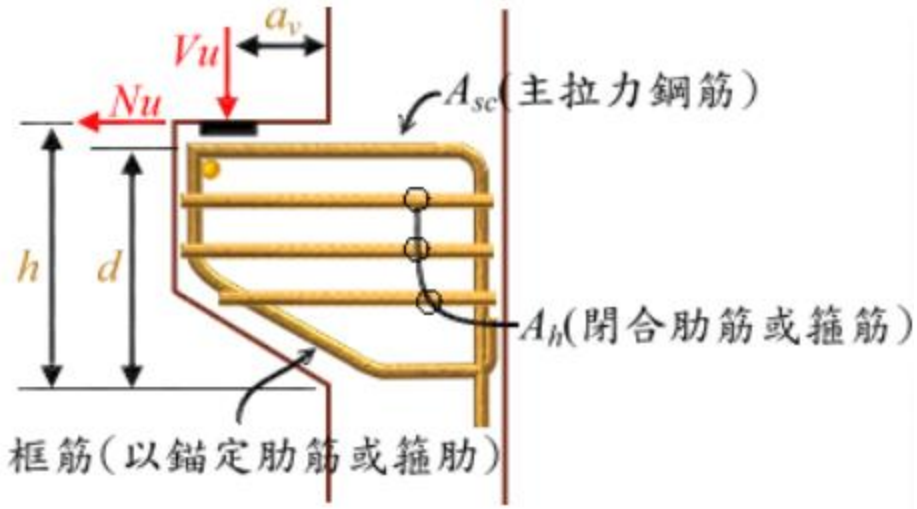


圖 123 柱線 C 剪力牆應力比(需求/容量)

十九、托架設計



載重資料

吊車重量 = (1.7 + (10.185+20+8+4.115)/2 側 + 25 + 1.62) * 1.1 = 54.42 tf

吊重 = 66 * 1.1 = 72.60 tf

依建築技術規則建築構造編第 24 條及建築物耐震設計規範及解說 4.2 節規定，計算吊車之地震力橫力 F_{ph} 如下：

S_{DS} =	0.5					
I_p =	1.5					
α_p =	1.0					
R_p =	2.5					
R_{pa} =	2.0					
h_x =	15.0	m				
h_n =	20.7	m				
W_p =	54.42	tf				
$0.3S_{DS}I_pW_p$ =	12.24	tf				
$1.6S_{DS}I_pW_p$ =	65.30	tf				
$0.3S_{DS}I_pW_p$ ≤	F_{ph} = $0.4S_{DS}I_p\frac{a_p}{R_{pa}}\cdot(1+2h_x/h_n)W_p$				≤	$1.6S_{DS}I_pW_p$
F_{ph} =	19.99	tf				

設計剪力 V_L=54.42+72.60=127.02 tf

V_{Ez}=54.42*0.158=8.60 tf

Vu= Max(1.6V_L , V_L+ V_{Ez})= 203.23 tf

設計水平力 N_L=(54.42+72.60)*10%=12.70 tf

$N_E=F_{ph}$=19.99 tf

Nuc=Max(1.6N_L , N_L+ N_E) = 32.69 tf

1. 托架 A 設計

f'c =	350	kgf/cm^2
fy =	4200	kgf/cm^2
全深 h	180	cm
有效深度 d	175	cm
剪力跨度 av	95	cm
承壓鈑長 bw	110	cm
摩擦係數 μ	1.4	
Vu	203.23	tf
Nuc	32.69	tf

剪力強度

Vn = min (Vn1, Vn2, Vn3) =	1185.80 tf			
Vn1 = 0.2f'cbwd =	1347.50 tf			
Vn2 = (33.6+0.08f'c)bwd =	1185.80 tf			
Vn3 = 112bwd =	2156.00 tf			
ψVn = 0.75Vn =	889.35 tf	>	Vu	OK!

設計彎矩

Mu = Vu av + Nuc(h-d) = 19470.3 tf-cm

鋼筋量計算

剪力摩擦筋 Avf = Vu / (ψfyμ) = 46.08 cm^2

抵抗設計拉力 Nuc 之拉力鋼筋

An = Nuc / (ψfy) = 10.38 cm^2

抵抗設計彎矩 Mu 之鋼筋

m = fy/0.85f'c = 14.1176

Rn = Mu/(ψ*bw*d^2) = 6.422

ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) = 0.0015

Af = ρbwd = 29.76 cm^2

主拉力鋼筋 Asc = max(Af+An, 2Avf/3+An, 0.04f'c/fy*bwd)

= max(40.14 , 41.1 , 64.17)

= 64.17 cm^2

採用 13 - #8

Asc,pro = 65.87 cm^2 OK!

鋼筋淨間距 = (110-4*2-1.27*2-2.54)/(13-1)-2.54

= 5.54 cm > 2.54 OK!

剪力鋼筋 Ah = 0.5(Asc-An) = 26.89 cm^2

閉合肋筋 採用 11 - #4

均勻分佈於鄰接主拉力鋼筋之 2d/3 (116.67 cm) 之內

Ah,pro = 27.87 cm^2 OK!

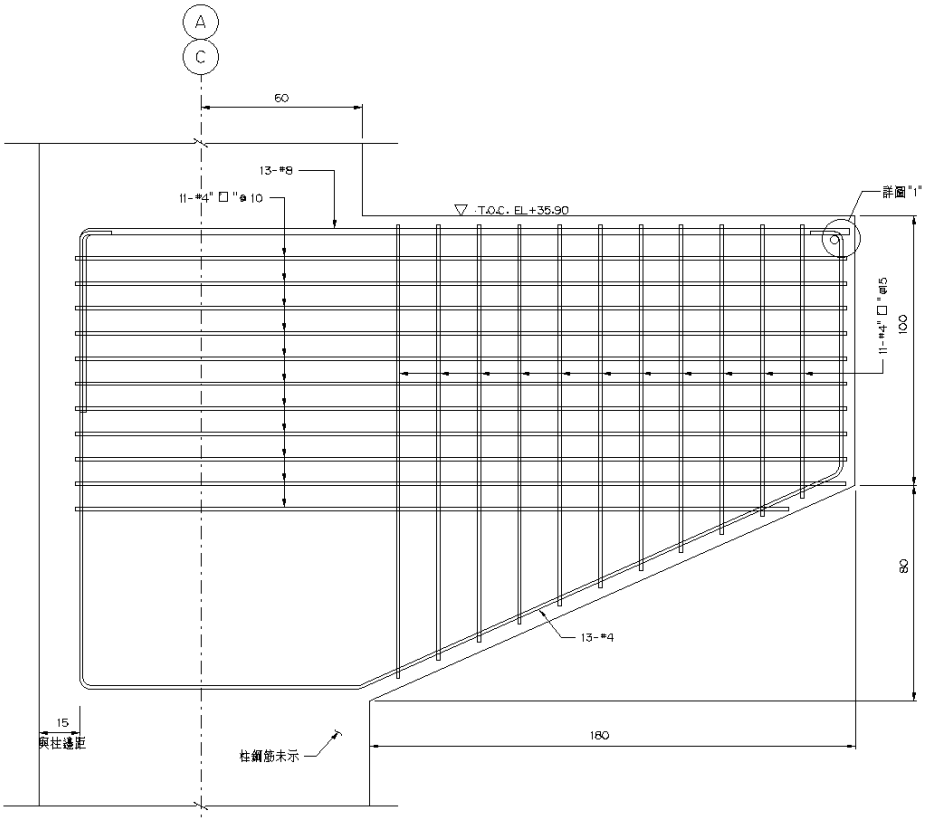


圖 124 托架 A 配筋詳圖 (單位：cm)

2. 托架 B 設計

f'c =	350	kgf/cm^2
fy =	4200	kgf/cm^2

全深 h	150	cm
有效深度 d	145	cm
剪力跨度 av	87.5	cm
承壓鈑長 bw	110	cm
摩擦係數 μ	1.4	
Vu	203.23	tf
Nuc	32.69	tf

剪力強度

Vn = min (Vn1, Vn2, Vn3) = 982.52 tf
Vn1 = 0.2f'cbwd = 1116.50 tf
Vn2 = (33.6+0.08f'c)bwd = 982.52 tf
Vn3 = 112bwd = 1786.40 tf
ψVn = 0.75Vn = 736.89 tf > Vu OK!

設計彎矩

Mu = Vu av + Nuc(h-d) = 17946.1 tf-cm

鋼筋量計算

剪力摩擦筋 Avf = Vu / (ψfyμ) = 46.08 cm^2
抵抗設計拉力 Nuc 之拉力鋼筋
An = Nuc / (ψfy) = 10.38 cm^2
抵抗設計彎矩 Mu 之鋼筋
m = fy/0.85f'c = 14.1176
Rn = Mu/(ψ*bw*d^2) = 8.622
ρ = 1/m*(1-(1-2m*Rn/fy)^0.5) = 0.0021
Af = ρbwd = 33.23 cm^2
主拉力鋼筋 Asc = max(Af+An, 2Avf/3+An, 0.04f'c/fy*bwd)
= max(43.61 , 41.1 , 53.17)
= 53.17 cm^2
採用 11 - #8
Asc,pro = 55.74 cm^2 OK!
鋼筋淨間距 = (110-4*2-1.27*2-2.54)/(11-1)-2.54
= 7.15 cm > 2.54 OK!

剪力鋼筋　Ah = 0.5(Asc-An) = 21.39 cm^2

閉合肋筋　採用 9 - #4

均勻分佈於鄰接主拉力鋼筋之 2d/3 (96.667 cm) 之內

Ah,pro = 22.81 cm^2 OK!

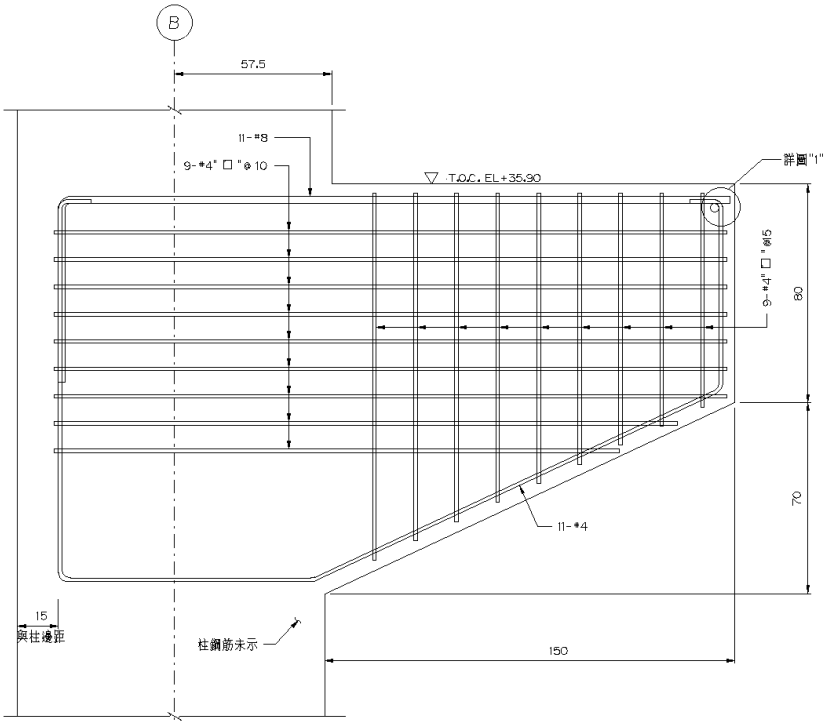


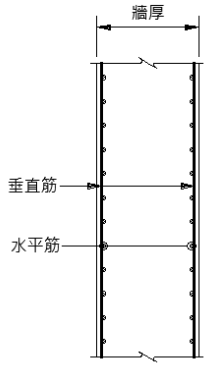
圖 125 托架 B 配筋詳圖 (單位：cm)

二十、其他結構設計

1. 女兒牆

本案容器儲存區屋頂層之女兒牆厚度為 20 cm，牆高 1.6 m；輔助區三層屋頂之女兒牆厚度為 15 cm，牆高 1.6 m；輔助區三層屋突層之女兒牆厚度為 15 cm，牆高 0.3 m。

表 38 女兒牆配筋表



女兒牆編號	牆厚 (cm)	垂直筋	水平筋
W20	20	#4@20	#4@20
W15	15	#4@25	#4@25

(1) 女兒牆 W20 配筋設計

女兒牆設計		
牆編號：	w20	
f'c =	350	kgf/cm^2
fy =	4200	kgf/cm^2
牆長 Lw =	41	m
牆厚 tw =	20	cm
牆高 hw =	1.6	m
保護層厚度	4	cm

水平鋼筋					
軸力 Pu =	44.08	tf			
彎矩 Mu =	0	tf-m			
剪力 Vu =	35.42	tf			
剪力強度 Vc =		1076.54	tf		
ψVs,req =		0.00	tf		
(Av / s),req =	0.00	cm2 / cm			
sh,max =	45	cm			
ρh,min =	0.0025				
採用	#4	@	25	cm	
ρh =	0.0051	> ρh,min	OK!		
(Av / s),prop =	0.10	cm2 / cm	> (Av / s),req		OK!

垂直鋼筋					
軸力 Pu =	44.08	tf			
彎矩 Mu =	56.68	tf-m			
sv.max =	45	cm			
ρv,min =	0.0025				
As,req =	94.68	cm2			
採用	#4	@	25	cm	
ρv =	0.0051	> ρv,min	OK!		
As,prop =	207.79	cm2	> As,req		OK!

(2) 女兒牆 W15 配筋設計

女兒牆設計		
牆編號：	W15	
f'c =	350	kgf/cm^2
fy =	4200	kgf/cm^2
牆長 Lw =	41	m
牆厚 tw =	15	cm
牆高 hw =	1.6	m
保護層厚度	4	cm

水平鋼筋					
軸力 Pu =	33.06	tf			
彎矩 Mu =	0	tf-m			
剪力 Vu =	17.41	tf			
剪力強度 Vc =		807.40	tf		
ψVs,req =		0.00	tf		
(Av / s),req =	0.00	cm2 / cm			
sh,max =	45	cm			
ρh,min =	0.0025				
採用	#4	@	25	cm	
ρh =	0.0068	> ρh,min	OK!		
(Av / s),prop =	0.10	cm2 / cm	> (Av / s),req		OK!

垂直鋼筋					
軸力 Pu =	33.06	tf			
彎矩 Mu =	27.86	tf-m			
sv.max =	45	cm			
ρv,min =	0.0025				
As,req =	67.72	cm2			
採用	#4	@	25	cm	
ρv =	0.0068	> ρv,min	OK!		
As,prop =	207.79	cm2	> As,req		OK!

二十一、 樓版剪力傳遞檢核

依據「建築物耐震設計規範及解說」6.2.9 節及「混凝土結構設計規範」15.9.7 節規定，檢核樓版之剪力強度。經下列檢核，屋頂版及樓版皆能抵抗地震力 Fpx，符合規範要求。

$$F_{px} = \frac{F_t + \sum_{i=x}^{n} F_i}{\sum_{i=x}^{n} W_i} W_{px}$$

$$0.15S_{DS}IW_{px} \le Fpx \le 0.3S_{DS}IW_{px}$$

1. 檢討容器貯存區 RF 斷面 A-A、B-B

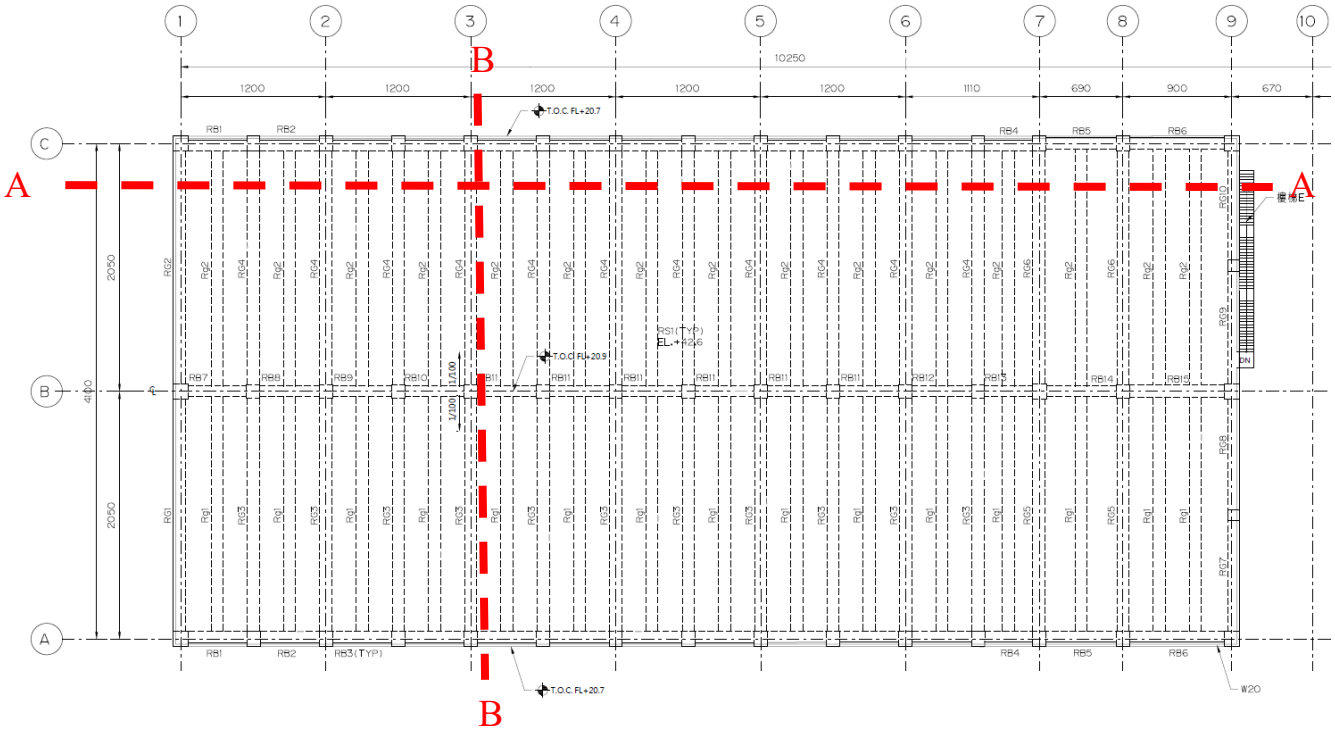


圖 126 RF 樓版剪力傳遞檢核斷面位置 (單位：cm)

S_{DS} =	0.5
I =	1.5

斷面	A-A			
地震力方向	X向			
地震力 ΣFi=	8412.54	tf		
Wpx =	6870.02	tf		
ΣWi =	27948	tf		
$0.15S_{DS}IWpx$ =	772.88	tf		
$0.3S_{DS}IWpx$ =	1545.76	tf		
Fpx =	1545.76	tf		
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 =	35	cm		
斷面長度 =	87	m		
開孔長度 =	0	m		
Acv =	30.45	m^2		
主筋	#4	@	15	cm
ρt =	0.00483			
Vn =	9192.06	tf		
ψVn =	6894.05	> Fpx		OK!

斷面	B-B			
地震力方向	Y向			
地震力 ΣFi=	8418.14	tf		
Wpx =	6870.02	tf		
ΣWi =	27948	tf		
$0.15S_{DS}IWpx$ =	772.88	tf		
$0.3S_{DS}IWpx$ =	1545.76	tf		
Fpx =	1545.76	tf		
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 =	35	cm		
斷面長度 =	41	m		
開孔長度 =	0	m		
Acv =	14.35	m^2		
主筋	#4	@	20	cm
ρt =	0.00362			
Vn =	3604.63	tf		
ψVn =	2703.47	> Fpx		OK!

2. 檢討輔助區 2F 斷面 C-C、D-D

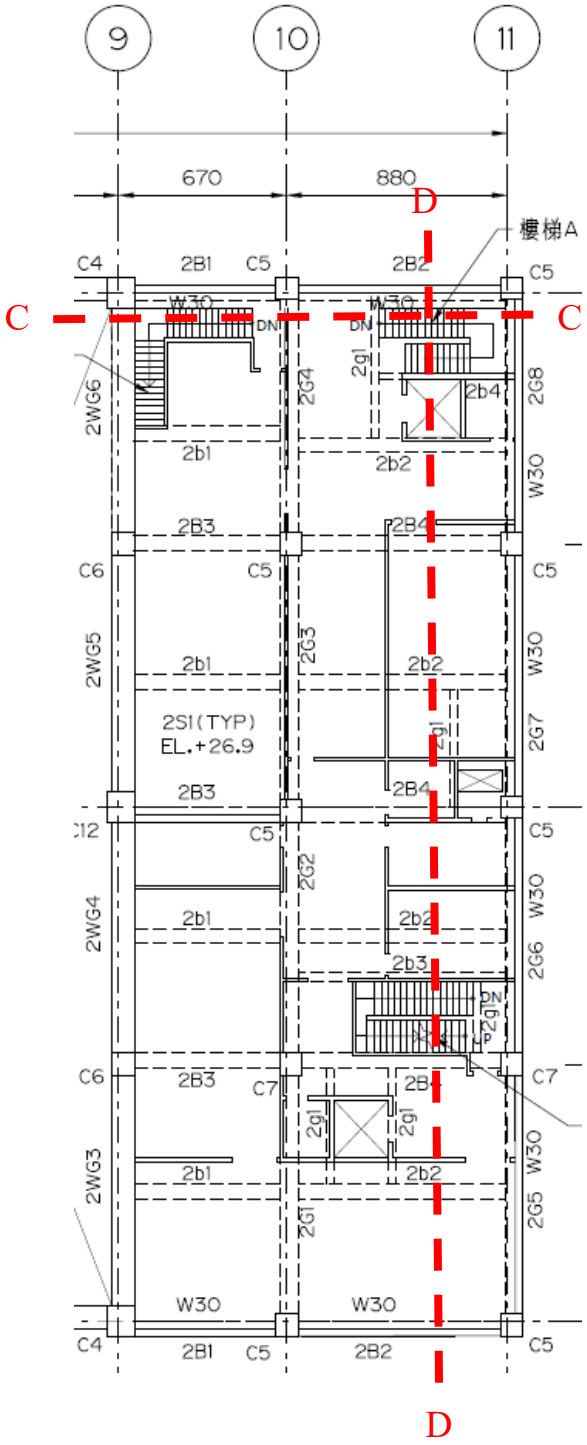


圖 127 2F 樓版剪力傳遞檢核斷面位置（單位：cm)

斷面	C-C			
地震力方向	X向			
地震力 ΣFi=	8412.54	tf		
Wpx =	1300.89	tf		
ΣWi=	27948	tf		
$0.15S_{DS}IWpx$ =	146.35	tf		
$0.3S_{DS}IWpx$ =	292.70	tf		
Fpx =	292.70	tf		
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 =	20	cm		
斷面長度 =	15.5	m		
開孔長度 =	9.61	m		
Acv =	1.178	m^2		
主筋	#4	@	12	cm
ρt =	0.01056			
Vn =	467.21	tf		
ψVn =	350.41	> Fpx		OK!

斷面	D-D			
地震力方向	Y向			
地震力 ΣFi=	8418.14	tf		
Wpx =	1300.89	tf		
ΣWi=	27948	tf		
$0.15S_{DS}IWpx$ =	146.35	tf		
$0.3S_{DS}IWpx$ =	292.70	tf		
Fpx =	292.70	tf		
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 =	20	cm		
斷面長度 =	41	m		
開孔長度 =	7.7	m		
Acv =	6.66	m^2		
主筋	#4	@	20	cm
ρt =	0.00634			
Vn =	2432.39	tf		
ψVn =	1824.29	> Fpx		OK!

3. 檢討輔助區 3F 斷面 E-E、F-F

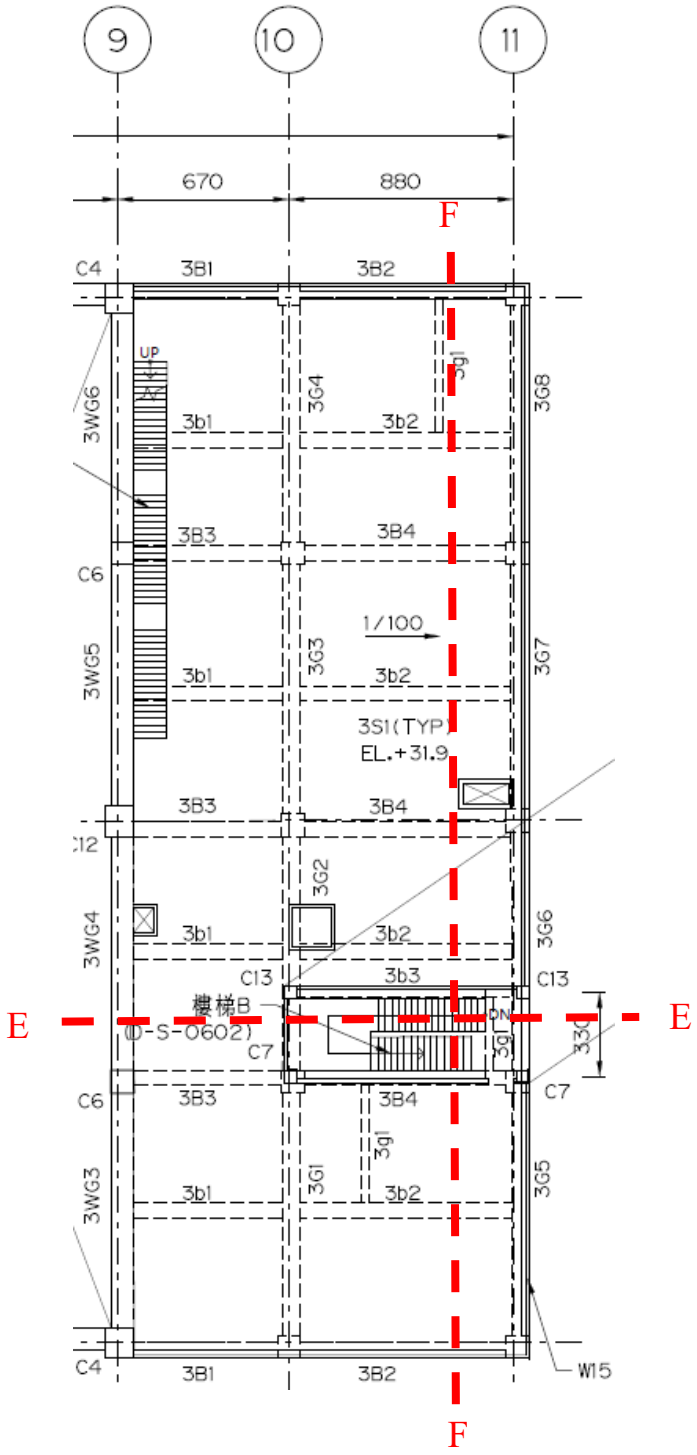


圖 128 3F 樓版剪力傳遞檢核斷面位置 (單位：cm)

斷面	E-E			
地震力方向	X向			
地震力 ΣFi=	8412.54	tf		
Wpx =	1343.58	tf		
ΣWi=	27948	tf		
$0.15S_{DS}IWpx$ =	151.15	tf		
$0.3S_{DS}IWpx$ =	302.30	tf		
Fpx =	302.30	tf		
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 =	20	cm		
斷面長度 =	15.5	m		
開孔長度 =	7.36	m		
Acv =	1.628	m^2		
主筋	#4	@	20	cm
ρt =	0.00634			
Vn =	594.58	tf		
ψVn =	445.94	> Fpx		OK!

斷面	F-F			
地震力方向	Y向			
地震力 ΣFi=	8418.14	tf		
Wpx =	1343.58	tf		
ΣWi=	27948	tf		
$0.15S_{DS}IWpx$ =	151.15	tf		
$0.3S_{DS}IWpx$ =	302.30	tf		
Fpx =	302.30	tf		
f'c =	350	kgf/cm^2		
fy =	4200	kgf/cm^2		
版厚 =	20	cm		
斷面長度 =	41	m		
開孔長度 =	2.9	m		
Acv =	7.62	m^2		
主筋	#4	@	25	cm
ρt =	0.00507			
Vn =	2377.52	tf		
ψVn =	1783.14	> Fpx		OK!

經檢核，屋頂版及樓版之剪力強度ϕVn，皆大於地震力 Fpx，故設計符合規範之要求。

二十二、 電腦輸入參數

$ File E:\0448B 核一廠除役低放貯存庫\設計\結構設計\20231201\input.e2k saved 12/7/23 13:54:53

$ PROGRAM INFORMATION

PROGRAM "ETABS" VERSION "9.7.3"

$ CONTROLS

UNITS "TON" "M"

PREFERENCE MERGETOL 0.001

RLLF METHOD "NONE"

$ STORIES - IN SEQUENCE FROM TOP

STORY "RF" HEIGHT 5.7 MASTERSTORY "Yes"

STORY "4F" HEIGHT 5 MASTERSTORY "Yes"

STORY "3F" HEIGHT 5 SIMILARTO "2F"

STORY "2F" HEIGHT 5 MASTERSTORY "Yes"

STORY "1F" HEIGHT 2.65

STORY "BASE" ELEV -2.65

$ DIAPHRAGM NAMES

DIAPHRAGM "D1" TYPE RIGID

$ GRIDS

COORDSYSTEM "GLOBAL" TYPE "CARTESIAN" BUBBLESIZE 2.5

GRID "GLOBAL" LABEL "1" DIR "X" COORD 0 GRIDTYPE "PRIMARY" BUBBLELOC "DEFAULT" GRIDHIDE "NO"

GRID "GLOBAL" LABEL "2" DIR "X" COORD 12 GRIDTYPE "PRIMARY" BUBBLELOC "DEFAULT" GRIDHIDE "NO"

GRID "GLOBAL" LABEL "3" DIR "X" COORD 24 GRIDTYPE "PRIMARY" BUBBLELOC "DEFAULT" GRIDHIDE "NO"

GRID "GLOBAL" LABEL "4" DIR "X" COORD 36 GRIDTYPE "PRIMARY" BUBBLELOC "DEFAULT" GRIDHIDE "NO"

GRID "GLOBAL" LABEL "5" DIR "X" COORD 48 GRIDTYPE "PRIMARY" BUBBLELOC "DEFAULT" GRIDHIDE "NO"

GRID "GLOBAL" LABEL "6" DIR "X" COORD 60 GRIDTYPE "PRIMARY" BUBBLELOC "DEFAULT" GRIDHIDE "NO"

GRID "GLOBAL" LABEL "7" DIR "X" COORD 71.1 GRIDTYPE "PRIMARY" BUBBLELOC "DEFAULT" GRIDHIDE "NO"

GRID "GLOBAL" LABEL "8" DIR "X" COORD 78 GRIDTYPE "PRIMARY" BUBBLELOC "DEFAULT" GRIDHIDE "NO"

GRID "GLOBAL" LABEL "9" DIR "X" COORD 87 GRIDTYPE "PRIMARY" BUBBLELOC "DEFAULT" GRIDHIDE "NO"

GRID "GLOBAL" LABEL "10" DIR "X" COORD 93.7 GRIDTYPE "PRIMARY" BUBBLELOC "DEFAULT" GRIDHIDE "NO"

GRID "GLOBAL" LABEL "11" DIR "X" COORD 102.5 GRIDTYPE "PRIMARY" BUBBLELOC "DEFAULT" GRIDHIDE "NO"

GRID "GLOBAL" LABEL "A" DIR "Y" COORD 0 GRIDTYPE "PRIMARY" BUBBLELOC "SWITCHED" GRIDHIDE "NO"

GRID "GLOBAL" LABEL "AB" DIR "Y" COORD 10.425 GRIDTYPE "SECONDARY" BUBBLELOC "SWITCHED" GRIDHIDE "YES"

GRID "GLOBAL" LABEL "B" DIR "Y" COORD 20.5 GRIDTYPE "PRIMARY" BUBBLELOC "SWITCHED" GRIDHIDE "NO"

GRID "GLOBAL" LABEL "BC" DIR "Y" COORD 30.575 GRIDTYPE "SECONDARY" BUBBLELOC "SWITCHED" GRIDHIDE "YES"

GRID "GLOBAL" LABEL "C" DIR "Y" COORD 41 GRIDTYPE "PRIMARY" BUBBLELOC "SWITCHED" GRIDHIDE "NO"

REFERENCEPLANE Z 13.4

$ MATERIAL PROPERTIES

MATERIAL "STEEL" M 0.7981 W 7.8334 TYPE "ISOTROPIC" E 2.038902E+07 U 0.3 A 1.16999999590917E-05

MATERIAL "STEEL" DESIGNTYPE "STEEL" FY 33000 FU 45699.53 PRICE 27679.91

MATERIAL "CONC" M 0.2448012 W 2.402616 TYPE "ISOTROPIC" E 2531051 U 0.2 A 9.89999989542412E-06

MATERIAL "CONC" DESIGNTYPE "CONCRETE" FY 42184.18 FC 2812.279 FYS 42184.18

MATERIAL "OTHER" M 0.798142 W 7.833414 TYPE "ISOTROPIC" E 2.038902E+07 U 0.3 A 1.16999999590917E-05

MATERIAL "OTHER" DESIGNTYPE "OTHER"

MATERIAL "C350" M 0.2448 W 2.4 TYPE "ISOTROPIC" E 2244994 U 0.1667 A 9.89999989542412E-06

MATERIAL "C350" DESIGNTYPE "CONCRETE" FY 42000 FC 3500 FYS 42000

$ FRAME SECTIONS

FRAMESECTION "B60X80" MATERIAL "C350" SHAPE "Rectangular" D 0.8 B 0.6

FRAMESECTION "C90X90" MATERIAL "C350" SHAPE "Rectangular" D 0.9 B 0.9

FRAMESECTION "G90X120" MATERIAL "C350" SHAPE "Rectangular" D 1.2 B 0.9

FRAMESECTION "C125X125" MATERIAL "C350" SHAPE "Rectangular" D 1.25 B 1.25

FRAMESECTION "C40X40" MATERIAL "C350" SHAPE "Rectangular" D 0.4 B 0.4

FRAMESECTION "B25X45" MATERIAL "C350" SHAPE "Rectangular" D 0.45 B 0.25

FRAMESECTION "C30X30" MATERIAL "C350" SHAPE "Rectangular" D 0.3 B 0.3

FRAMESECTION "B30X50" MATERIAL "C350" SHAPE "Rectangular" D 0.5 B 0.3

FRAMESECTION "RB90X120" MATERIAL "C350" SHAPE "Rectangular" D 1.2 B 0.9

FRAMESECTION "RG90X130" MATERIAL "C350" SHAPE "Rectangular" D 1.3 B 0.9

FRAMESECTION "G70X100" MATERIAL "C350" SHAPE "Rectangular" D 1 B 0.7

FRAMESECTION "G60X80" MATERIAL "C350" SHAPE "Rectangular" D 0.8 B 0.6

FRAMESECTION "G100X140" MATERIAL "C350" SHAPE "Rectangular" D 1.4 B 1

FRAMESECTION "G105X160" MATERIAL "C350" SHAPE "Rectangular" D 1.6 B 1.05

FRAMESECTION "G100X150" MATERIAL "C350" SHAPE "Rectangular" D 1.5 B 1

FRAMESECTION "C110X110" MATERIAL "C350" SHAPE "Rectangular" D 1.1 B 1.1

FRAMESECTION "G100X150-COL1" MATERIAL "C350" SHAPE "Rectangular" D 1.5 B 1

FRAMESECTION "G70X90" MATERIAL "C350" SHAPE "Rectangular" D 0.9 B 0.7

FRAMESECTION "G60X90" MATERIAL "C350" SHAPE "Rectangular" D 0.9 B 0.6

FRAMESECTION "G30X50" MATERIAL "C350" SHAPE "Rectangular" D 0.5 B 0.3

FRAMESECTION "RB90X110" MATERIAL "C350" SHAPE "Rectangular" D 1.1 B 0.9

FRAMESECTION "G80X100" MATERIAL "C350" SHAPE "Rectangular" D 1 B 0.8

FRAMESECTION "C50X50" MATERIAL "C350" SHAPE "Rectangular" D 0.5 B 0.5

FRAMESECTION "C110X125" MATERIAL "C350" SHAPE "Rectangular" D 1.25 B 1.1

FRAMESECTION "RGB90X120" MATERIAL "C350" SHAPE "Rectangular" D 1.2 B 0.9

FRAMESECTION "RGG90X120" MATERIAL "C350" SHAPE "Rectangular" D 1.2 B 0.9

FRAMESECTION "C6-90X90" MATERIAL "C350" SHAPE "Rectangular" D 0.9 B 0.9

FRAMESECTION "C7-90X90" MATERIAL "C350" SHAPE "Rectangular" D 0.9 B 0.9

FRAMESECTION "C1-120X120" MATERIAL "C350" SHAPE "Rectangular" D 1.2 B 1.2

FRAMESECTION "C14-50X50" MATERIAL "C350" SHAPE "Rectangular" D 0.5 B 0.5

FRAMESECTION "C2-110X120" MATERIAL "C350" SHAPE "Rectangular" D 1.2 B 1.1

FRAMESECTION "C3-110X120" MATERIAL "C350" SHAPE "Rectangular" D 1.2 B 1.1

FRAMESECTION "C4-110X120" MATERIAL "C350" SHAPE "Rectangular" D 1.2 B 1.1

FRAMESECTION "C5-90X90" MATERIAL "C350" SHAPE "Rectangular" D 0.9 B 0.9

FRAMESECTION "C8-120X120" MATERIAL "C350" SHAPE "Rectangular" D 1.2 B 1.2

FRAMESECTION "C9-115X115" MATERIAL "C350" SHAPE "Rectangular" D 1.15 B 1.15

FRAMESECTION "C11-120X120" MATERIAL "C350" SHAPE "Rectangular" D 1.2 B 1.2

FRAMESECTION "C12-110X120" MATERIAL "C350" SHAPE "Rectangular" D 1.2 B 1.1

FRAMESECTION "C10-115X115" MATERIAL "C350" SHAPE "Rectangular" D 1.15 B 1.15

FRAMESECTION "B40X60" MATERIAL "C350" SHAPE "Rectangular" D 0.6 B 0.4

$ REBAR DEFINITIONS

REBARDEFINITION "#2" AREA 3.2258E-05 DIA 0.00635

REBARDEFINITION "#3" AREA 7.09676E-05 DIA 0.009525

REBARDEFINITION "#4" AREA 0.0001267 DIA 0.0127

REBARDEFINITION "#5" AREA 0.0001986 DIA 0.0159

REBARDEFINITION "#6" AREA 0.0002865 DIA 0.0191

REBARDEFINITION "#7" AREA 3.87096E-04 DIA 0.022225

REBARDEFINITION "#8" AREA 0.0005067 DIA 0.0254

REBARDEFINITION "#9" AREA 6.4516E-04 DIA 0.0286512

REBARDEFINITION "#10" AREA 0.0008143 DIA 0.0322

REBARDEFINITION "#11" AREA 0.001007 DIA 0.0358

REBARDEFINITION "#14" AREA 1.45161E-03 DIA 0.0430022

REBARDEFINITION "#18" AREA 2.58064E-03 DIA 0.0573278

REBARDEFINITION "10M" AREA 0.0001 DIA 0.0113

REBARDEFINITION "15M" AREA 0.0002 DIA 0.016

REBARDEFINITION "20M" AREA 0.0003 DIA 0.0195

REBARDEFINITION "25M" AREA 0.0005 DIA 0.0252

REBARDEFINITION "30M" AREA 0.0007 DIA 0.0299

REBARDEFINITION "35M" AREA 0.001 DIA 0.0357

REBARDEFINITION "45M" AREA 0.0015 DIA 0.0437

REBARDEFINITION "55M" AREA 0.0025 DIA 0.0564

REBARDEFINITION "6d" AREA 0.0000283 DIA 0.006

REBARDEFINITION "8d" AREA 0.0000503 DIA 0.008

REBARDEFINITION "10d" AREA 0.0000785 DIA 0.01

REBARDEFINITION "12d" AREA 0.000113 DIA 0.012

REBARDEFINITION "14d" AREA 0.000154 DIA 0.014

REBARDEFINITION "16d" AREA 0.000201 DIA 0.016

REBARDEFINITION "20d" AREA 0.000314 DIA 0.02

REBARDEFINITION "25d" AREA 0.000491 DIA 0.025

REBARDEFINITION "26d" AREA 0.000531 DIA 0.026

REBARDEFINITION "28d" AREA 0.000616 DIA 0.028

REBARDEFINITION "N12" AREA 0.000113 DIA 0.012

REBARDEFINITION "N16" AREA 0.000201 DIA 0.016

REBARDEFINITION "N20" AREA 0.000314 DIA 0.02

REBARDEFINITION "N24" AREA 0.000452 DIA 0.024

REBARDEFINITION "N28" AREA 0.000616 DIA 0.028

REBARDEFINITION "N32" AREA 0.000804 DIA 0.032

REBARDEFINITION "N36" AREA 0.00102 DIA 0.036

$ CONCRETE SECTIONS

CONCRETESECTION "C90X90" TYPE "COLUMN" PATTERN "R-7-7" TRANSREINF "TIES" COVER 0.1 REBAR "#10" DESIGNCHECK "DESIGN"

CONCRETESECTION "C125X125" TYPE "COLUMN" PATTERN "R-11-11" TRANSREINF "TIES" COVER 0.13 REBAR "#10" DESIGNCHECK "DESIGN"

CONCRETESECTION "C40X40" TYPE "COLUMN" PATTERN "R-5-5" TRANSREINF "TIES" COVER 0.06 REBAR "#6" DESIGNCHECK "CHECK"

CONCRETESECTION "C30X30" TYPE "COLUMN" PATTERN "R-3-3" TRANSREINF "TIES" COVER 0.065 REBAR "#6" DESIGNCHECK "CHECK"

CONCRETESECTION "C110X110" TYPE "COLUMN" PATTERN "R-7-7" TRANSREINF "TIES" COVER 0.1 REBAR "#10" DESIGNCHECK "DESIGN"

CONCRETESECTION "C50X50" TYPE "COLUMN" PATTERN "R-5-5" TRANSREINF "TIES" COVER 0.1 REBAR "#6" DESIGNCHECK "DESIGN"

CONCRETESECTION "C110X125" TYPE "COLUMN" PATTERN "R-7-7" TRANSREINF "TIES" COVER 0.1 REBAR "#10" DESIGNCHECK "DESIGN"

CONCRETESECTION "C6-90X90" TYPE "COLUMN" PATTERN "R-8-8" TRANSREINF "TIES" COVER 0.13 REBAR "#10" DESIGNCHECK "CHECK"

CONCRETESECTION "C7-90X90" TYPE "COLUMN" PATTERN "R-6-6" TRANSREINF "TIES" COVER 0.13 REBAR "#10" DESIGNCHECK "CHECK"

CONCRETESECTION "C1-120X120" TYPE "COLUMN" PATTERN "R-11-11" TRANSREINF "TIES" COVER 0.13 REBAR "#10" DESIGNCHECK "CHECK"

CONCRETESECTION "C14-50X50" TYPE "COLUMN" PATTERN "R-8-8" TRANSREINF "TIES" COVER 0.1 REBAR "#6" DESIGNCHECK "CHECK"

CONCRETESECTION "C2-110X120" TYPE "COLUMN" PATTERN "R-9-9" TRANSREINF "TIES" COVER 0.13 REBAR "#10" DESIGNCHECK "CHECK"

CONCRETESECTION "C3-110X120" TYPE "COLUMN" PATTERN "R-10-10" TRANSREINF "TIES" COVER 0.13 REBAR "#10" DESIGNCHECK "CHECK"

CONCRETESECTION "C4-110X120" TYPE "COLUMN" PATTERN "R-7-7" TRANSREINF "TIES" COVER 0.13 REBAR "#10" DESIGNCHECK "CHECK"

CONCRETESECTION "C5-90X90" TYPE "COLUMN" PATTERN "R-6-6" TRANSREINF "TIES" COVER 0.13 REBAR "#10" DESIGNCHECK "CHECK"

CONCRETESECTION "C8-120X120" TYPE "COLUMN" PATTERN "R-12-12" TRANSREINF "TIES" COVER 0.13 REBAR "#10" DESIGNCHECK "CHECK"

CONCRETESECTION "C9-115X115" TYPE "COLUMN" PATTERN "R-7-7" TRANSREINF "TIES" COVER 0.07 REBAR "#10" DESIGNCHECK "CHECK"

CONCRETESECTION "C11-120X120" TYPE "COLUMN" PATTERN "R-7-7" TRANSREINF "TIES" COVER 0.13 REBAR "#10" DESIGNCHECK "CHECK"

CONCRETESECTION "C12-110X120" TYPE "COLUMN" PATTERN "R-8-8" TRANSREINF "TIES" COVER 0.13 REBAR "#10" DESIGNCHECK "CHECK"

CONCRETESECTION "C10-115X115" TYPE "COLUMN" PATTERN "R-6-6" TRANSREINF "TIES" COVER 0.07 REBAR "#10" DESIGNCHECK "CHECK"

CONCRETESECTION "B60X80" TYPE "BEAM" COVERTOP 0.07 COVERBOTTOM 0.07 ATI 0 ABI 0 ATJ 0 ABJ 0

CONCRETESECTION "G90X120" TYPE "BEAM" COVERTOP 0.13 COVERBOTTOM 0.13 ATI 0 ABI 0 ATJ 0 ABJ 0

```
  CONCRETESECTION  "B25X45"  TYPE "BEAM"  COVERTOP 0.065  COVERBOTTOM 0.065  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "B30X50"  TYPE "BEAM"  COVERTOP 0.065  COVERBOTTOM 0.065  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "RB90X120"  TYPE "BEAM"  COVERTOP 0.1  COVERBOTTOM 0.1  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "RG90X130"  TYPE "BEAM"  COVERTOP 0.13  COVERBOTTOM 0.13  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "G70X100"  TYPE "BEAM"  COVERTOP 0.1  COVERBOTTOM 0.1  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "G60X80"  TYPE "BEAM"  COVERTOP 0.07  COVERBOTTOM 0.07  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "G100X140"  TYPE "BEAM"  COVERTOP 0.1  COVERBOTTOM 0.1  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "G105X160"  TYPE "BEAM"  COVERTOP 0.1  COVERBOTTOM 0.1  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "G100X150"  TYPE "BEAM"  COVERTOP 0.13  COVERBOTTOM 0.13  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "G100X150-COL1"  TYPE "BEAM"  COVERTOP 0.13  COVERBOTTOM 0.13  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "G70X90"  TYPE "BEAM"  COVERTOP 0.13  COVERBOTTOM 0.13  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "G60X90"  TYPE "BEAM"  COVERTOP 0.1  COVERBOTTOM 0.1  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "G30X50"  TYPE "BEAM"  COVERTOP 0.07  COVERBOTTOM 0.07  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "RB90X110"  TYPE "BEAM"  COVERTOP 0.13  COVERBOTTOM 0.13  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "G80X100"  TYPE "BEAM"  COVERTOP 0.13  COVERBOTTOM 0.13  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "RGB90X120"  TYPE "BEAM"  COVERTOP 0.13  COVERBOTTOM 0.13  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "RGG90X120"  TYPE "BEAM"  COVERTOP 0.13  COVERBOTTOM 0.13  ATI 0  ABI 0  ATJ 0  ABJ 0
  CONCRETESECTION  "B40X60"  TYPE "BEAM"  COVERTOP 0.07  COVERBOTTOM 0.07  ATI 0  ABI 0  ATJ 0  ABJ 0

$ WALL/SLAB/DECK PROPERTIES
  SHELLPROP  "S50"  MATERIAL "C350"  PROPTYPE "SLAB"  TYPE "MEMBRANE"  TM 0.5  TB 0.5
  SHELLPROP  "S15"  MATERIAL "C350"  PROPTYPE "SLAB"  TYPE "MEMBRANE"  TM 0.15  TB 0.15
  SHELLPROP  "W30"  MATERIAL "C350"  PROPTYPE "WALL"  TYPE "SHELL"  PLATETYPE "THIN"  TM 0.3  TB 0.3
  SHELLPROP  "W90"  MATERIAL "C350"  PROPTYPE "WALL"  TYPE "SHELL"  PLATETYPE "THIN"  TM 0.9  TB 0.9
  SHELLPROP  "W55"  MATERIAL "C350"  PROPTYPE "WALL"  TYPE "SHELL"  PLATETYPE "THIN"  TM 0.55  TB 0.55
  SHELLPROP  "S20"  MATERIAL "C350"  PROPTYPE "SLAB"  TYPE "MEMBRANE"  TM 0.2  TB 0.2
  SHELLPROP  "S35"  MATERIAL "C350"  PROPTYPE "SLAB"  TYPE "MEMBRANE"  TM 0.35  TB 0.35
  SHELLPROP  "W60"  MATERIAL "C350"  PROPTYPE "WALL"  TYPE "SHELL"  PLATETYPE "THIN"  TM 0.6  TB 0.6
  SHELLPROP  "W110"  MATERIAL "C350"  PROPTYPE "WALL"  TYPE "SHELL"  PLATETYPE "THIN"  TM 1.1  TB 1.1

$ LINK PROPERTIES
  LINKPROP  "NLPR1"  TYPE "DAMPER"
  LINKPROP  "NLPR1"  DOF "U1"

$ PIER/SPANDREL NAMES
  PIERNAME  "P1"
```

```
PIERNAME  "P7-1"
PIERNAME  "P7-2"
PIERNAME  "P9"
PIERNAME  "P11"
PIERNAME  "PA"
PIERNAME  "PB"
PIERNAME  "PC"
PIERNAME  "P8"
PIERNAME  "PA-W30"
PIERNAME  "PC-W30"
PIERNAME  "P10"
SPANDRELNAME  "S1"

$ POINT COORDINATES
 POINT "1"  0 0
 POINT "2"  3 0
 POINT "3"  6 0
 POINT "4"  9 0
 POINT "5"  12 0
 POINT "6"  15 0
 POINT "7"  18 0
 POINT "8"  21 0
 POINT "9"  24 0
 POINT "10"  27 0
 POINT "11"  30 0
 POINT "12"  33 0
 POINT "13"  36 0
 POINT "14"  39 0
 POINT "15"  42 0
 POINT "16"  45 0
 POINT "17"  48 0
 POINT "18"  51 0
 POINT "19"  54 0
 POINT "20"  57 0
 POINT "21"  60 0
 POINT "22"  63 0
```

POINT "23" 66 0

POINT "24" 68.55 0

POINT "25" 71.1 0

POINT "26" 74.55 0

POINT "27" 78 0

POINT "28" 81 0

POINT "29" 84 0

POINT "30" 87 0

POINT "31" 93.7 0

POINT "32" 102.5 0

POINT "33" 87 5.38749980926514

POINT "34" 93.7 5.38749980926514

POINT "35" 95.425 5.38749980926514

POINT "36" 97.925 5.38749980926514

POINT "37" 102.5 5.38749980926514

POINT "38" 87 10.25

POINT "39" 93.7 10.25

POINT "39-1" 93.7 10.25 1.6

POINT "40" 95.425 10.25

POINT "41" 97.925 10.25

POINT "42" 101.275 10.25

POINT "43" 102.5 10.25

POINT "43-1" 102.5 10.25 1.6

POINT "45" 93.7 13.75

POINT "45-1" 93.7 13.75 1.6

POINT "46" 101.275 13.75

POINT "47" 102.5 13.75

POINT "47-1" 102.5 13.75 1.6

POINT "48" 71.1 14.3999996185303

POINT "49" 87 15.6999998092651

POINT "50" 93.7 15.6999998092651

POINT "51" 102.5 15.6999998092651

POINT "54" 0 20.5

POINT "55" 3 20.5

POINT "56" 6 20.5

POINT "57" 9 20.5

POINT "58" 12 20.5

POINT "59" 15 20.5

POINT "60" 18 20.5

POINT "61" 21 20.5

POINT "62" 24 20.5

POINT "63" 27 20.5

POINT "64" 30 20.5

POINT "65" 33 20.5

POINT "66" 36 20.5

POINT "67" 39 20.5

POINT "68" 42 20.5

POINT "70" 45 20.5

POINT "71" 48 20.5

POINT "72" 51 20.5

POINT "73" 54 20.5

POINT "74" 57 20.5

POINT "75" 60 20.5

POINT "76" 63 20.5

POINT "77" 66 20.5

POINT "78" 68.55 20.5

POINT "79" 71.1 20.5

POINT "80" 74.55 20.5

POINT "81" 78 20.5

POINT "82" 81 20.5

POINT "83" 84 20.5

POINT "84" 87 20.5

POINT "85" 93.7 20.5

POINT "86" 100.375 20.5

POINT "87" 102.5 20.5

POINT "88" 87 25.5375003814697

POINT "89" 93.7 25.5375003814697

POINT "90" 100.375 25.5375003814697

POINT "91" 102.5 25.5375003814697

POINT "92" 71.1 26.6000003814697

POINT "93" 87 31

POINT "94" 93.7 31

POINT "95" 102.5 31

POINT "96" 87 35.1500015258789

POINT "97" 93.7 35.1500015258789

POINT "98" 97.25 35.1500015258789

POINT "99" 102.5 35.1500015258789

POINT "100" 97.25 37.8500022888184

POINT "101" 102.5 37.8500022888184

POINT "102" 0 41

POINT "103" 3 41

POINT "104" 6 41

POINT "105" 9 41

POINT "106" 12 41

POINT "107" 15 41

POINT "108" 15.21 41

POINT "109" 18 41

POINT "110" 21 41

POINT "111" 24 41

POINT "112" 27 41

POINT "113" 30 41

POINT "114" 33 41

POINT "115" 36 41

POINT "116" 39 41

POINT "117" 42 41

POINT "118" 45 41

POINT "119" 48 41

POINT "120" 51 41

POINT "121" 54 41

POINT "122" 57 41

POINT "123" 60 41

POINT "124" 63 41

POINT "125" 66 41

POINT "126" 68.55 41

POINT "127" 71.1 41

POINT "128" 74.55 41

POINT "129" 78 41

POINT "130" 81 41

POINT "131" 84 41

POINT "132" 87 41

POINT "133" 93.7 41

POINT "134" 97.25 41

POINT "135" 102.5 41

POINT "544" 96.675 10.25

POINT "545" 96.675 5.38749980926514

POINT "546" 99.575 41

POINT "547" 99.575 35.1500015258789

$ LINE CONNECTIVITIES

LINE "C1" COLUMN "1" "1" 1

LINE "C2" COLUMN "3" "3" 1

LINE "C3" COLUMN "5" "5" 1

LINE "C4" COLUMN "7" "7" 1

LINE "C5" COLUMN "9" "9" 1

LINE "C6" COLUMN "11" "11" 1

LINE "C7" COLUMN "13" "13" 1

LINE "C8" COLUMN "15" "15" 1

LINE "C9" COLUMN "17" "17" 1

LINE "C10" COLUMN "19" "19" 1

LINE "C11" COLUMN "21" "21" 1

LINE "C12" COLUMN "23" "23" 1

LINE "C13" COLUMN "25" "25" 1

LINE "C15" COLUMN "27" "27" 1

LINE "C16" COLUMN "30" "30" 1

LINE "C17" COLUMN "31" "31" 1

LINE "C18" COLUMN "32" "32" 1

LINE "C19" COLUMN "38" "38" 1

LINE "C20" COLUMN "39" "39" 1

LINE "C20-1" COLUMN "39" "39-1" 1

LINE "C21" COLUMN "43" "43" 1

LINE "C21-1" COLUMN "43" "43-1" 1

LINE "C22" COLUMN "45" "45" 1

LINE "C22-1" COLUMN "45" "45-1" 1

LINE "C23" COLUMN "47" "47" 1

LINE "C23-1" COLUMN "47" "47-1" 1

LINE "C24" COLUMN "54" "54" 1

LINE "C25" COLUMN "56" "56" 1

LINE "C26" COLUMN "58" "58" 1

LINE "C27" COLUMN "60" "60" 1

LINE "C28" COLUMN "62" "62" 1

LINE "C29" COLUMN "64" "64" 1

LINE "C30" COLUMN "66" "66" 1

LINE "C31" COLUMN "68" "68" 1

LINE "C32" COLUMN "71" "71" 1

LINE "C33" COLUMN "73" "73" 1

LINE "C34" COLUMN "75" "75" 1

LINE "C35" COLUMN "77" "77" 1

LINE "C36" COLUMN "79" "79" 1

LINE "C38" COLUMN "81" "81" 1

LINE "C39" COLUMN "84" "84" 1

LINE "C40" COLUMN "85" "85" 1

LINE "C41" COLUMN "87" "87" 1

LINE "C42" COLUMN "93" "93" 1

LINE "C43" COLUMN "94" "94" 1

LINE "C44" COLUMN "95" "95" 1

LINE "C45" COLUMN "102" "102" 1

LINE "C46" COLUMN "104" "104" 1

LINE "C47" COLUMN "106" "106" 1

LINE "C48" COLUMN "109" "109" 1

LINE "C49" COLUMN "111" "111" 1

LINE "C50" COLUMN "113" "113" 1

LINE "C51" COLUMN "115" "115" 1

LINE "C52" COLUMN "117" "117" 1

LINE "C53" COLUMN "119" "119" 1

LINE "C54" COLUMN "121" "121" 1

LINE "C55" COLUMN "123" "123" 1

LINE "C56" COLUMN "125" "125" 1

LINE "C57" COLUMN "127" "127" 1

LINE "C59" COLUMN "129" "129" 1

LINE "C60" COLUMN "132" "132" 1

LINE "C61" COLUMN "133" "133" 1

LINE "C62" COLUMN "135" "135" 1

LINE "B1" BEAM "1" "3" 0

LINE "B2" BEAM "3" "5" 0

LINE "B3" BEAM "5" "7" 0

LINE "B4" BEAM "7" "9" 0

LINE "B5" BEAM "9" "11" 0

LINE "B6" BEAM "11" "13" 0

LINE "B7" BEAM "13" "15" 0

LINE "B8" BEAM "15" "17" 0

LINE "B9" BEAM "17" "19" 0

LINE "B10" BEAM "19" "21" 0

LINE "B11" BEAM "21" "23" 0

LINE "B12" BEAM "23" "25" 0

LINE "B13" BEAM "25" "27" 0

LINE "B14" BEAM "27" "30" 0

LINE "B15" BEAM "30" "31" 0

LINE "B16" BEAM "31" "32" 0

LINE "B17" BEAM "30" "38" 0

LINE "B18" BEAM "31" "39" 0

LINE "B19" BEAM "32" "43" 0

LINE "B20" BEAM "33" "34" 0

LINE "B21" BEAM "34" "37" 0

LINE "B22" BEAM "35" "40" 0

LINE "B23" BEAM "36" "41" 0

LINE "B24" BEAM "1" "54" 0

LINE "B25" BEAM "2" "55" 0

LINE "B26" BEAM "3" "56" 0

LINE "B27" BEAM "4" "57" 0

LINE "B28" BEAM "5" "58" 0

LINE "B29" BEAM "6" "59" 0

LINE "B30" BEAM "7" "60" 0

LINE "B31" BEAM "8" "61" 0

LINE "B32" BEAM "9" "62" 0

LINE "B33" BEAM "10" "63" 0

LINE "B34" BEAM "11" "64" 0

LINE "B35" BEAM "12" "65" 0

LINE "B36" BEAM "13" "66" 0

LINE "B37" BEAM "14" "67" 0

LINE "B38" BEAM "15" "68" 0

LINE "B39" BEAM "16" "70" 0

LINE "B40" BEAM "17" "71" 0

LINE "B41" BEAM "18" "72" 0

LINE "B42" BEAM "19" "73" 0

LINE "B43" BEAM "20" "74" 0

LINE "B44" BEAM "21" "75" 0

LINE "B45" BEAM "22" "76" 0

LINE "B46" BEAM "23" "77" 0

LINE "B47" BEAM "24" "78" 0

LINE "B48" BEAM "25" "79" 0

LINE "B49" BEAM "26" "80" 0

LINE "B50" BEAM "27" "81" 0

LINE "B51" BEAM "28" "82" 0

LINE "B52" BEAM "29" "83" 0

LINE "B53" BEAM "38" "39" 0

LINE "B54" BEAM "39" "43" 0

LINE "B55" BEAM "39-1" "43-1" 0

LINE "B56" BEAM "39-1" "45-1" 0

LINE "B57" BEAM "42" "46" 0

LINE "B58" BEAM "43-1" "47-1" 0

LINE "B59" BEAM "45" "47" 0

LINE "B60" BEAM "45-1" "47-1" 0

LINE "B61" BEAM "38" "84" 0

LINE "B62" BEAM "39" "85" 0

LINE "B63" BEAM "43" "87" 0

LINE "B64" BEAM "49" "50" 0

LINE "B65" BEAM "50" "51" 0

LINE "B66" BEAM "54" "56" 0

LINE "B67" BEAM "56" "58" 0

LINE "B68" BEAM "58" "60" 0

LINE "B69" BEAM "60" "62" 0

LINE "B70" BEAM "62" "64" 0

LINE "B71" BEAM "64" "66" 0

LINE "B72" BEAM "66" "68" 0

LINE "B73" BEAM "68" "71" 0

LINE "B74" BEAM "71" "73" 0

LINE "B75" BEAM "73" "75" 0

LINE "B76" BEAM "75" "77" 0

LINE "B77" BEAM "77" "79" 0

LINE "B78" BEAM "79" "81" 0

LINE "B79" BEAM "81" "84" 0

LINE "B80" BEAM "84" "85" 0

LINE "B81" BEAM "85" "87" 0

LINE "B82" BEAM "86" "90" 0

LINE "B83" BEAM "88" "89" 0

LINE "B84" BEAM "89" "91" 0

LINE "B85" BEAM "84" "93" 0

LINE "B86" BEAM "85" "94" 0

LINE "B87" BEAM "87" "95" 0

LINE "B88" BEAM "54" "102" 0

LINE "B89" BEAM "55" "103" 0

LINE "B90" BEAM "56" "104" 0

LINE "B91" BEAM "57" "105" 0

LINE "B92" BEAM "58" "106" 0

LINE "B93" BEAM "59" "107" 0

LINE "B94" BEAM "60" "109" 0

LINE "B95" BEAM "61" "110" 0

LINE "B96" BEAM "62" "111" 0

LINE "B97" BEAM "63" "112" 0

LINE "B98" BEAM "64" "113" 0

LINE "B99" BEAM "65" "114" 0

LINE "B100" BEAM "66" "115" 0

LINE "B101" BEAM "67" "116" 0

LINE "B102" BEAM "68" "117" 0

LINE "B103" BEAM "70" "118" 0

LINE "B104" BEAM "71" "119" 0

LINE "B105" BEAM "72" "120" 0

LINE "B106" BEAM "73" "121" 0

LINE "B107" BEAM "74" "122" 0

LINE "B108" BEAM "75" "123" 0

LINE "B109" BEAM "76" "124" 0

LINE "B110" BEAM "77" "125" 0

LINE "B111" BEAM "78" "126" 0

LINE "B112" BEAM "79" "127" 0

LINE "B113" BEAM "80" "128" 0

LINE "B114" BEAM "81" "129" 0

LINE "B115" BEAM "82" "130" 0

LINE "B116" BEAM "83" "131" 0

LINE "B117" BEAM "93" "94" 0

LINE "B118" BEAM "94" "95" 0

LINE "B119" BEAM "96" "97" 0

LINE "B120" BEAM "97" "99" 0

LINE "B121" BEAM "93" "132" 0

LINE "B122" BEAM "94" "133" 0

LINE "B123" BEAM "95" "135" 0

LINE "B124" BEAM "100" "101" 0

LINE "B125" BEAM "98" "134" 0

LINE "B126" BEAM "102" "104" 0

LINE "B127" BEAM "104" "106" 0

LINE "B128" BEAM "106" "109" 0

LINE "B129" BEAM "109" "111" 0

LINE "B130" BEAM "111" "113" 0

LINE "B131" BEAM "113" "115" 0

LINE "B132" BEAM "115" "117" 0

LINE "B133" BEAM "117" "119" 0

LINE "B134" BEAM "119" "121" 0

LINE "B135" BEAM "121" "123" 0

LINE "B136" BEAM "123" "125" 0

LINE "B137" BEAM "125" "127" 0

LINE "B138" BEAM "127" "129" 0

LINE "B139" BEAM "129" "132" 0

LINE "B140" BEAM "132" "133" 0

LINE "B141" BEAM "133" "135" 0

LINE "B142" BEAM "545" "544" 0

LINE "B143" BEAM "547" "546" 0

$ AREA CONNECTIVITIES

AREA "W1" PANEL 4 "1" "3" "3" "1" 1 1 0 0

AREA "W2" PANEL 4 "3" "5" "5" "3" 1 1 0 0

AREA "W3" PANEL 4 "5" "7" "7" "5" 1 1 0 0

AREA "W4" PANEL 4 "7" "9" "9" "7" 1 1 0 0

AREA "W5" PANEL 4 "9" "11" "11" "9" 1 1 0 0

AREA "W6" PANEL 4 "11" "13" "13" "11" 1 1 0 0

AREA "W7" PANEL 4 "13" "15" "15" "13" 1 1 0 0

AREA "W8" PANEL 4 "15" "17" "17" "15" 1 1 0 0

AREA "W9" PANEL 4 "17" "19" "19" "17" 1 1 0 0

AREA "W10" PANEL 4 "19" "21" "21" "19" 1 1 0 0

AREA "W11" PANEL 4 "21" "23" "23" "21" 1 1 0 0

AREA "W12" PANEL 4 "23" "25" "25" "23" 1 1 0 0

AREA "W13" PANEL 4 "25" "27" "27" "25" 1 1 0 0

AREA "W14" PANEL 4 "27" "30" "30" "27" 1 1 0 0

AREA "W15" PANEL 4 "30" "27" "27" "30" 1 1 0 0

AREA "W16" PANEL 4 "30" "31" "31" "30" 1 1 0 0

AREA "W17" PANEL 4 "31" "32" "32" "31" 1 1 0 0

AREA "W18" PANEL 4 "30" "38" "38" "30" 1 1 0 0

AREA "W19" PANEL 4 "32" "43" "43" "32" 1 1 0 0

AREA "W20" PANEL 4 "25" "48" "48" "25" 1 1 0 0

AREA "W21" PANEL 4 "1" "54" "54" "1" 1 1 0 0

AREA "W22" PANEL 4 "38" "84" "84" "38" 1 1 0 0

AREA "W23" PANEL 4 "43" "87" "87" "43" 1 1 0 0

AREA "W24" PANEL 4 "84" "93" "93" "84" 1 1 0 0

AREA "W25" PANEL 4 "87" "95" "95" "87" 1 1 0 0

AREA "W26" PANEL 4 "54" "102" "102" "54" 1 1 0 0

AREA "W27" PANEL 4 "92" "127" "127" "92" 1 1 0 0

AREA "W28" PANEL 4 "93" "132" "132" "93" 1 1 0 0

AREA "W29" PANEL 4 "95" "135" "135" "95" 1 1 0 0

AREA "W30" PANEL 4 "102" "104" "104" "102" 1 1 0 0

AREA "W31" PANEL 4 "104" "106" "106" "104" 1 1 0 0

AREA "W32" PANEL 4 "106" "109" "109" "106" 1 1 0 0

AREA "W33" PANEL 4 "109" "111" "111" "109" 1 1 0 0

AREA "W34" PANEL 4 "111" "113" "113" "111" 1 1 0 0

AREA "W35" PANEL 4 "113" "115" "115" "113" 1 1 0 0

AREA "W36" PANEL 4 "115" "117" "117" "115" 1 1 0 0

AREA "W37" PANEL 4 "117" "119" "119" "117" 1 1 0 0

AREA "W38" PANEL 4 "119" "121" "121" "119" 1 1 0 0

AREA "W39" PANEL 4 "121" "123" "123" "121" 1 1 0 0

AREA "W40" PANEL 4 "123" "125" "125" "123" 1 1 0 0

AREA "W41" PANEL 4 "125" "127" "127" "125" 1 1 0 0

AREA "W42" PANEL 4 "127" "129" "129" "127" 1 1 0 0

AREA "W43" PANEL 4 "129" "132" "132" "129" 1 1 0 0

AREA "W44" PANEL 4 "132" "133" "133" "132" 1 1 0 0

AREA "W45" PANEL 4 "133" "135" "135" "133" 1 1 0 0

AREA "W46" PANEL 4 "27" "81" "81" "27" 1 1 0 0

AREA "W47" PANEL 4 "81" "129" "129" "81" 1 1 0 0

AREA "F1" FLOOR 4 "30" "31" "34" "33" 0 0 0 0

AREA "F2" FLOOR 4 "31" "32" "37" "34" 0 0 0 0

AREA "F3" FLOOR 4 "33" "34" "39" "38" 0 0 0 0

AREA "F4" FLOOR 4 "34" "37" "43" "39" 0 0 0 0

AREA "F5" FLOOR 4 "37" "43" "39" "34" 0 0 0 0

AREA "F6" FLOOR 4 "1" "5" "58" "54" 0 0 0 0

AREA "F7" FLOOR 4 "5" "9" "62" "58" 0 0 0 0

AREA "F8" FLOOR 4 "9" "13" "66" "62" 0 0 0 0

AREA "F9" FLOOR 4 "13" "17" "71" "66" 0 0 0 0

AREA "F10" FLOOR 4 "17" "21" "75" "71" 0 0 0 0

AREA "F11" FLOOR 4 "21" "25" "79" "75" 0 0 0 0

AREA "F12" FLOOR 4 "25" "30" "84" "79" 0 0 0 0

AREA "F13" FLOOR 4 "43-1" "47-1" "45-1" "39-1" 0 0 0 0

AREA "F14" FLOOR 4 "38" "39" "50" "49" 0 0 0 0

AREA "F15" FLOOR 4 "43" "51" "50" "39" 0 0 0 0

AREA "F16" FLOOR 4 "39" "43" "51" "50" 0 0 0 0

AREA "F17" FLOOR 4 "49" "50" "85" "84" 0 0 0 0

AREA "F18" FLOOR 4 "51" "87" "85" "50" 0 0 0 0

AREA "F19" FLOOR 4 "50" "51" "87" "85" 0 0 0 0

AREA "F20" FLOOR 4 "84" "85" "89" "88" 0 0 0 0

AREA "F21" FLOOR 4 "85" "87" "91" "89" 0 0 0 0

AREA "F22" FLOOR 4 "88" "89" "94" "93" 0 0 0 0

```
AREA "F23"  FLOOR  4  "89"  "91"  "95"  "94"  0  0  0  0
AREA "F24"  FLOOR  4  "54"  "58"  "106"  "102"  0  0  0  0
AREA "F25"  FLOOR  4  "58"  "62"  "111"  "106"  0  0  0  0
AREA "F26"  FLOOR  4  "62"  "66"  "115"  "111"  0  0  0  0
AREA "F27"  FLOOR  4  "66"  "71"  "119"  "115"  0  0  0  0
AREA "F28"  FLOOR  4  "71"  "75"  "123"  "119"  0  0  0  0
AREA "F29"  FLOOR  4  "75"  "79"  "127"  "123"  0  0  0  0
AREA "F30"  FLOOR  4  "79"  "84"  "132"  "127"  0  0  0  0
AREA "F31"  FLOOR  4  "93"  "94"  "97"  "96"  0  0  0  0
AREA "F32"  FLOOR  4  "94"  "95"  "99"  "97"  0  0  0  0
AREA "F33"  FLOOR  4  "96"  "97"  "133"  "132"  0  0  0  0
AREA "F34"  FLOOR  4  "97"  "99"  "135"  "133"  0  0  0  0

$ POINT ASSIGNS
 POINTASSIGN  "129"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "102"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "106"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "111"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "115"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "119"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "123"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "133"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "135"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "104"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "109"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "113"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "117"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "121"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "125"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "54"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "58"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "62"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "66"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "71"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "75"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN  "79"  "1F"  RESTRAINT "UX UY UZ RX RY RZ"
```

POINTASSIGN "85" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "87" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "81" "BASE" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "56" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "60" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "64" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "68" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "73" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "77" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "5" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "9" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "13" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "17" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "21" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "27" "BASE" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "31" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "32" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "3" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "7" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "11" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "15" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "19" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "23" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "127" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "92" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "94" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "39" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "95" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "43" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "84" "BASE" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "132" "BASE" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "30" "BASE" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "1" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "25" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "48" "1F" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "38" "BASE" RESTRAINT "UX UY UZ RX RY RZ"

POINTASSIGN "93" "BASE" RESTRAINT "UX UY UZ RX RY RZ"

$ LINE ASSIGNS

LINEASSIGN "C1" "3F" SECTION "C1-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C1" "4F" SECTION "C1-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C1" "RF" SECTION "C1-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C3" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C3" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C3" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C3" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C5" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C5" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C5" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C5" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C7" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C7" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C7" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C7" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C9" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C9" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C9" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C9" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C11" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C11" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C11" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C11" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C13" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C13" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C13" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C15" "3F" SECTION "C3-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C15" "4F" SECTION "C3-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C15" "RF" SECTION "C3-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C16" "3F" SECTION "C4-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C16" "4F" SECTION "C4-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C16" "RF" SECTION "C4-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C17" "2F" SECTION "C5-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C17" "3F" SECTION "C5-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C18" "2F" SECTION "C5-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C18" "3F" SECTION "C5-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C24" "2F" SECTION "C8-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C24" "3F" SECTION "C8-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C24" "4F" SECTION "C8-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C24" "RF" SECTION "C8-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C26" "2F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C26" "3F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C26" "4F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C26" "RF" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C28" "2F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C28" "3F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C28" "4F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C28" "RF" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C30" "2F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C30" "3F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C30" "4F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C30" "RF" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C32" "2F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C32" "3F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C32" "4F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C32" "RF" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C34" "2F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C34" "4F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C34" "RF" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C36" "2F" SECTION "C10-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C36" "3F" SECTION "C10-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C36" "4F" SECTION "C10-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C36" "RF" SECTION "C10-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C39" "3F" SECTION "C12-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C39" "4F" SECTION "C12-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C40" "2F" SECTION "C7-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C40" "3F" SECTION "C7-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C41" "2F" SECTION "C7-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C41" "3F" SECTION "C7-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C45" "2F" SECTION "C1-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C45" "3F" SECTION "C1-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C45" "4F" SECTION "C1-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C45" "RF" SECTION "C1-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C47" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C47" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C47" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C47" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C49" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C49" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C49" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C51" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C51" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C51" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C51" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C53" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C53" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C53" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C53" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C55" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C55" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C55" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C55" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C57" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C57" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C57" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C57" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C59" "3F" SECTION "C3-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C59" "4F" SECTION "C3-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C59" "RF" SECTION "C3-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C60" "3F" SECTION "C4-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C60" "4F" SECTION "C4-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C60" "RF" SECTION "C4-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C61" "2F" SECTION "C5-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C61" "3F" SECTION "C5-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C62" "2F" SECTION "C5-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C62" "3F" SECTION "C5-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "B13" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B14" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B15" "2F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B16" "2F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B80" "2F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B81" "2F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B138" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B139" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B140" "2F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B141" "2F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B13" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B14" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B15" "3F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B16" "3F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B80" "3F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B81" "3F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B138" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B139" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B140" "3F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B141" "3F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B13" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B14" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B28" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B92" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B32" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B96" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B36" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B100" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B40" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B104" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B44" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B108" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B48" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B112" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B138" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B139" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B13" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B14" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B138" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B139" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "C34" "3F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "B120" "3F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B120" "2F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B119" "2F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B50" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B114" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B90" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B26" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B89" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B25" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B91" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B27" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B94" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B30" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B93" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B29" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B95" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B31" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B98" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B34" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B97" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B33" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B99" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B35" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B102" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B38" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B101" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B37" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B103" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B39" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B106" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B42" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B105" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B41" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B107" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B43" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B110" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B46" "RF" SECTION "RGG90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B109" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B45" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B111" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B47" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B49" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B113" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B51" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B115" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B52" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B116" "RF" SECTION "RB90X110" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B119" "3F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "C38" "3F" SECTION "C11-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C38" "4F" SECTION "C11-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C38" "RF" SECTION "C11-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "B78" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B79" "RF" SECTION "G100X150" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "C42" "2F" SECTION "C6-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C42" "3F" SECTION "C6-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C19" "2F" SECTION "C6-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C19" "3F" SECTION "C6-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C43" "2F" SECTION "C7-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C43" "3F" SECTION "C7-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C20" "2F" SECTION "C7-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C20" "3F" SECTION "C7-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C44" "2F" SECTION "C7-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C44" "3F" SECTION "C7-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C21" "2F" SECTION "C7-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C21" "3F" SECTION "C7-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "B86" "2F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B122" "2F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B17" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B61" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B85" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B121" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B19" "2F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B63" "2F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B87" "2F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B123" "2F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B17" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B61" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B85" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B121" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B19" "3F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B63" "3F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B87" "3F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B123" "3F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B18" "3F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B62" "3F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B86" "3F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B122" "3F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B18" "2F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B62" "2F" SECTION "G70X90" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B117" "2F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B118" "2F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B53" "2F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B54" "2F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B117" "3F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B118" "3F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B53" "3F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B54" "3F" SECTION "G60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B83" "3F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B84" "3F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B64" "3F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B65" "3F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B20" "3F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B21" "3F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B83" "2F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B84" "2F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B64" "2F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B65" "2F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B20" "2F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B21" "2F" SECTION "B60X80" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "C39" "RF" SECTION "C12-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C2" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C2" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C2" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C2" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C4" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C4" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C4" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C4" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C6" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C6" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C6" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C6" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C8" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C8" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C8" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C8" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C10" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C10" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C10" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C10" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C12" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C12" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C12" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C12" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C46" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C46" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C46" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C46" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C48" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C48" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C48" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C48" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C50" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C50" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C50" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C50" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C52" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C52" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C52" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C52" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C54" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C54" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C54" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C54" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C56" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C56" "3F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C56" "4F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C56" "RF" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "B126" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B126" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B126" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B126" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B127" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B127" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B127" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B127" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B128" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B128" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B128" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B128" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B129" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B129" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B129" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B129" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B130" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B130" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B130" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B130" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B131" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B131" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B131" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B131" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B132" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B132" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B132" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B132" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B133" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B133" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B133" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B133" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B134" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B134" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B134" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B134" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B135" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B135" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B135" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B135" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B136" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B136" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B136" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B136" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B137" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B137" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B137" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B137" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B1" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B1" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B1" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B1" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B2" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B2" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B2" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B2" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B3" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B3" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B3" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B3" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B4" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B4" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B4" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B4" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B5" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B5" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B5" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B5" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B6" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B6" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B6" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B6" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B7" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B7" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B7" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B7" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B8" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B8" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B8" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B8" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B9" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B9" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B9" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B9" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B10" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B10" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B10" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B10" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B11" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B11" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B11" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B11" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B12" "2F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B12" "3F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B12" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B12" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "C25" "2F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C25" "3F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C25" "4F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C25" "RF" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C27" "2F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C27" "3F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C27" "4F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C27" "RF" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C29" "2F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C29" "3F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C29" "4F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C29" "RF" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C31" "2F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C31" "3F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C31" "4F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C31" "RF" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C33" "2F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C33" "3F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C33" "4F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C33" "RF" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C35" "2F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C35" "3F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C35" "4F" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C35" "RF" SECTION "C9-115X115" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "B66" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B67" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B68" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B69" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B70" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B71" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B72" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B73" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B74" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B75" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B76" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B77" "RF" SECTION "RGB90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "C19" "4F" SECTION "C6-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C19" "RF" SECTION "C6-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C42" "4F" SECTION "C6-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C42" "RF" SECTION "C6-90X90" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "B17" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B61" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B85" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B121" "4F" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B17" "RF" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B61" "RF" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B85" "RF" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B121" "RF" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B125" "2F" SECTION "B30X50" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 RELEASE "TI M2I M2J M3I M3J" CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B24" "2F" SECTION "G100X150-COL1" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B88" "2F" SECTION "G100X150-COL1" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B24" "RF" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B88" "RF" SECTION "G90X120" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B24" "4F" SECTION "G100X150-COL1" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B88" "4F" SECTION "G100X150-COL1" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B24" "3F" SECTION "G100X150-COL1" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B88" "3F" SECTION "G100X150-COL1" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "C1" "2F" SECTION "C1-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C49" "2F" SECTION "C2-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C13" "2F" SECTION "C2-110X120" ANG 0 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C19" "1F" SECTION "C6-90X90" ANG 0 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C42" "1F" SECTION "C6-90X90" ANG 0 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C20-1" "4F" SECTION "C14-50X50" ANG 0 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C21-1" "4F" SECTION "C14-50X50" ANG 0 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C22-1" "4F" SECTION "C14-50X50" ANG 0 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C23-1" "4F" SECTION "C14-50X50" ANG 0 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "B56" "4F" SECTION "G30X50" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B58" "4F" SECTION "G30X50" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B55" "4F" SECTION "G30X50" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B60" "4F" SECTION "G30X50" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "C16" "1F" SECTION "C4-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C16" "2F" SECTION "C4-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C39" "1F" SECTION "C12-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C39" "2F" SECTION "C12-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C60" "1F" SECTION "C4-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C60" "2F" SECTION "C4-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "B22" "2F" SECTION "B30X50" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 RELEASE "TI M2I M2J M3I M3J" CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B23" "2F" SECTION "B30X50" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 RELEASE "TI M2I M2J M3I M3J" CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B82" "2F" SECTION "B30X50" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 RELEASE "TI M2I M2J M3I M3J" CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B124" "2F" SECTION "B25X45" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 RELEASE "TI M2I M2J M3I M3J" CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B59" "2F" SECTION "B40X60" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 RELEASE "TI M2I M2J M3I M3J" CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B57" "2F" SECTION "B30X50" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 RELEASE "TI M2I M2J M3I M3J" CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B59" "3F" SECTION "B40X60" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 RELEASE "TI M2I M2J M3I M3J" CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B57" "3F" SECTION "B30X50" ANG 0 MAXSTASPC 0.5 RIGIDZONE 1 RELEASE "TI M2I M2J M3I M3J" CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "C59" "1F" SECTION "C125X125" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C59" "2F" SECTION "C3-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C15" "1F" SECTION "C3-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C15" "2F" SECTION "C3-110X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C38" "1F" SECTION "C11-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "C38" "2F" SECTION "C11-120X120" ANG 90 MINNUMSTA 3 RIGIDZONE 1 MESH "POINTSANDLINES"

LINEASSIGN "B142" "3F" SECTION "B30X50" ANG 0 MAXSTASPC 0.5 RELEASE "TI M2I M2J M3I M3J" CARDINALPT 8 MESH "POINTSANDLINES"

LINEASSIGN "B143" "3F" SECTION "B30X50" ANG 0 MAXSTASPC 0.5 RELEASE "TI M2I M2J M3I M3J" CARDINALPT 8 MESH "POINTSANDLINES"

$ AREA ASSIGNS

AREAASSIGN "F24" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F6" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F7" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F25" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F8" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F26" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F9" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F27" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F10" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F11" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F29" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "W42" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W42" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W13" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W13" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W14" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W14" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W44" "3F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "PC-W30"

AREAASSIGN "W45" "2F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "PC-W30"

AREAASSIGN "W45" "3F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "PC-W30"

AREAASSIGN "W16" "3F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "PA-W30"

AREAASSIGN "W17" "2F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "PA-W30"

AREAASSIGN "W17" "3F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "PA-W30"

AREAASSIGN "W42" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W43" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W13" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W14" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "F30" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F12" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "W20" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P7-1"

AREAASSIGN "W27" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P7-2"

AREAASSIGN "W20" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P7-1"

AREAASSIGN "W27" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P7-2"

AREAASSIGN "W27" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P7-2"

AREAASSIGN "F28" "RF" SECTION "S35" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "W16" "2F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "PA-W30"

AREAASSIGN "W42" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W43" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W43" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W44" "2F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "PC-W30"

AREAASSIGN "W21" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P1"

AREAASSIGN "W26" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P1"

AREAASSIGN "W21" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P1"

AREAASSIGN "W26" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P1"

AREAASSIGN "W21" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P1"

AREAASSIGN "W26" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P1"

AREAASSIGN "W21" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P1"

AREAASSIGN "W26" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P1"

AREAASSIGN "W1" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W2" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W30" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W31" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W30" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W31" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W30" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W31" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W32" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W33" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W32" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W33" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W32" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W33" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W34" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W35" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W34" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W35" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W34" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W35" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W36" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W37" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W36" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W37" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W36" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W37" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W38" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W39" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W38" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W39" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W38" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W39" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W1" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W2" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W1" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W2" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W3" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W4" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W3" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W4" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W3" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W4" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W5" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W6" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W5" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W6" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W5" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W6" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W7" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W8" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W7" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W8" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W7" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W8" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W9" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W10" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W9" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W10" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W9" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W10" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W30" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W31" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W32" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W33" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W34" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W35" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W36" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W37" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W38" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W39" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W1" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W2" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W3" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W4" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W5" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W6" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W7" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W8" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W9" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W10" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W40" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W41" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W40" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W41" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W40" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W41" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W11" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W11" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W12" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W11" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W12" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W40" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W41" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PC"

AREAASSIGN "W11" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W12" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W18" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W22" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W18" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W22" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W24" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W28" "RF" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W24" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W28" "4F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W18" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W22" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W18" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W22" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W24" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W28" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W24" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W28" "3F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W19" "2F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "P11"

AREAASSIGN "W23" "2F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "P11"

AREAASSIGN "W19" "3F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "P11"

AREAASSIGN "W23" "3F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "P11"

AREAASSIGN "W25" "3F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "P11"

AREAASSIGN "W29" "3F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "P11"

AREAASSIGN "W13" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W15" "1F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W15" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W12" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "PA"

AREAASSIGN "W20" "2F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P7-1"

AREAASSIGN "F21" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F23" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F32" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F34" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F13" "4F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F18" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F15" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F5" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F2" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "W18" "1F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W22" "1F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W24" "1F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W28" "1F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH" PIER "P9"

AREAASSIGN "W25" "2F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "P11"

AREAASSIGN "W29" "2F" SECTION "W30" OBJMESHTYPE "NOAUTOMESH" PIER "P11"

AREAASSIGN "F1" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F3" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F14" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F17" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F2" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F4" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F16" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F19" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F20" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F22" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

AREAASSIGN "F31" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"

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 AREAASSIGN "F33" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"
 AREAASSIGN "F21" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"
 AREAASSIGN "F23" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"
 AREAASSIGN "F32" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"
 AREAASSIGN "F34" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"
 AREAASSIGN "F1" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"
 AREAASSIGN "F3" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"
 AREAASSIGN "F14" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"
 AREAASSIGN "F17" "3F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"
 AREAASSIGN "F20" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"
 AREAASSIGN "F22" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"
 AREAASSIGN "F31" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"
 AREAASSIGN "F33" "2F" SECTION "S20" OBJMESHTYPE "DEFAULT" DIAPH "D1"
 AREAASSIGN "W46" "1F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH"
 AREAASSIGN "W47" "1F" SECTION "W90" OBJMESHTYPE "NOAUTOMESH"

$ STATIC LOADS
 LOADCASE "DEAD" TYPE "DEAD" SELFWEIGHT 1
 LOADCASE "SDL" TYPE "SUPERDEAD" SELFWEIGHT 0
 LOADCASE "GRW" TYPE "SUPERDEAD" SELFWEIGHT 0
 LOADCASE "RCW" TYPE "SUPERDEAD" SELFWEIGHT 0
 LOADCASE "LL" TYPE "LIVE" SELFWEIGHT 0
 LOADCASE "LL2" TYPE "LIVE" SELFWEIGHT 0
 LOADCASE "PAR" TYPE "LIVE" SELFWEIGHT 0
 LOADCASE "TANK" TYPE "SUPERDEAD" SELFWEIGHT 0
 LOADCASE "DOW" TYPE "SUPERDEAD" SELFWEIGHT 0
 LOADCASE "EX1" TYPE "QUAKE" SELFWEIGHT 0
 LOADCASE "EX2" TYPE "QUAKE" SELFWEIGHT 0
 LOADCASE "EY1" TYPE "QUAKE" SELFWEIGHT 0
 LOADCASE "EY2" TYPE "QUAKE" SELFWEIGHT 0
 LOADCASE "T" TYPE "OTHER" SELFWEIGHT 0
 LOADCASE "LL3" TYPE "LIVE" SELFWEIGHT 0
 SEISMIC "EX1" "USER_COEFF"  DIR "X+ECC" ECC 0.05 TOPSTORY "RF"  BOTTOMSTORY "1F"  SHEARCOEFF 0.301
HEIGHTEXPONENT 1
 SEISMIC "EX2" "USER_COEFF"  DIR "X-ECC" ECC 0.05 TOPSTORY "RF"  BOTTOMSTORY "1F"  SHEARCOEFF 0.301
HEIGHTEXPONENT 1
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SEISMIC "EY2" "USER_COEFF" DIR "Y-ECC" ECC 0.05 TOPSTORY "RF" BOTTOMSTORY "1F" SHEARCOEFF 0.301 HEIGHTEXPONENT 1

SEISMIC "EY1" "USER_COEFF" DIR "Y+ECC" ECC 0.05 TOPSTORY "RF" BOTTOMSTORY "1F" SHEARCOEFF 0.301 HEIGHTEXPONENT 1

$ POINT OBJECT LOADS

POINTLOAD "58" "4F" TYPE "FORCE" LC "LL2" FZ -108.84

POINTLOAD "5" "4F" TYPE "FORCE" LC "LL3" FY 12.042

POINTLOAD "106" "4F" TYPE "FORCE" LC "LL3" FY 12.042

POINTLOAD "58" "4F" TYPE "FORCE" LC "LL3" FY 24.084

POINTLOAD "5" "4F" TYPE "FORCE" LC "LL2" FZ -54.42

POINTLOAD "106" "4F" TYPE "FORCE" LC "LL2" FZ -54.42

POINTLOAD "58" "4F" TYPE "FORCE" LC "LL" FZ -145.2

POINTLOAD "5" "4F" TYPE "FORCE" LC "LL" FZ -72.6

POINTLOAD "106" "4F" TYPE "FORCE" LC "LL" FZ -72.6

POINTLOAD "27" "4F" TYPE "FORCE" LC "LL" FZ -72.6

POINTLOAD "129" "4F" TYPE "FORCE" LC "LL" FZ -72.6

POINTLOAD "81" "4F" TYPE "FORCE" LC "LL" FZ -145.2

POINTLOAD "27" "4F" TYPE "FORCE" LC "LL2" FZ -54.42

POINTLOAD "129" "4F" TYPE "FORCE" LC "LL2" FZ -54.42

POINTLOAD "81" "4F" TYPE "FORCE" LC "LL2" FZ -108.84

POINTLOAD "27" "4F" TYPE "FORCE" LC "LL3" FY 12.042

POINTLOAD "129" "4F" TYPE "FORCE" LC "LL3" FY 12.042

POINTLOAD "81" "4F" TYPE "FORCE" LC "LL3" FY 24.084

$ LINE OBJECT LOADS

LINELOAD "B142" "3F" TYPE "POINTF" DIR "GRAV" LC "LL2" FVAL 3 RDIST 0.5

LINELOAD "B143" "3F" TYPE "POINTF" DIR "GRAV" LC "LL2" FVAL 3 RDIST 0.5

LINELOAD "B120" "3F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.54

LINELOAD "B120" "2F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.54

LINELOAD "B13" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B14" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B138" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B139" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B126" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B127" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B128" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B129" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B130" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B131" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B132" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B133" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B134" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B135" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B136" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B137" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B1" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B2" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B3" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B4" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B5" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B6" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B7" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B8" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B9" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B10" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B11" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B12" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B17" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B61" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B85" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B121" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B24" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B88" "RF" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.768

LINELOAD "B56" "4F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.72

LINELOAD "B58" "4F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.72

LINELOAD "B55" "4F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.72

LINELOAD "B60" "4F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.72

LINELOAD "B15" "3F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.576

LINELOAD "B16" "3F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.576

LINELOAD "B140" "3F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.576

LINELOAD "B141" "3F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.576

LINELOAD "B19" "3F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.576

LINELOAD "B63" "3F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.576

LINELOAD "B87" "3F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.576

LINELOAD "B123" "3F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.576

LINELOAD "C1" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C1" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C1" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C3" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C3" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C3" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C3" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C5" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C5" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C5" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C5" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C7" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C7" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C7" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C7" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C9" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C9" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C9" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C9" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C11" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C11" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C11" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C11" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C13" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C13" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C13" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C15" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C15" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C15" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C16" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C16" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C16" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C17" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C17" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C18" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C18" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C24" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C24" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C24" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C24" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C41" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C41" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C45" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C45" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C45" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C45" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C47" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C47" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C47" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C47" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C49" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C49" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C49" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C51" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C51" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C51" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C51" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C53" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C53" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C53" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C53" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C55" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C55" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C55" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C55" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C57" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C57" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C57" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C57" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C59" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C59" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C59" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C60" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C60" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C60" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C61" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C61" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C62" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C62" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B13" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B14" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B15" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B16" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B138" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B139" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B140" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B141" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B13" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B14" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B15" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B16" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B80" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B81" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B138" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B139" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B140" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B141" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B13" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B14" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B28" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B92" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B32" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B96" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B36" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B100" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B40" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B104" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B44" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B108" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B48" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B112" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B138" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B139" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B13" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B14" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B138" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B139" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B120" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B50" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B114" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B90" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B26" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B89" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B25" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B91" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B27" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B94" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B30" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B93" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B29" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B95" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B31" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B98" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B34" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B97" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B33" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B99" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B35" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B102" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B38" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B101" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B37" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B103" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B39" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B106" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B42" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B105" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B41" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B107" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B43" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B110" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B46" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B109" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B45" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B111" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B47" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B49" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B113" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B51" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B115" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B52" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B116" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B119" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B78" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B79" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C44" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C44" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C21" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C21" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B19" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B63" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B87" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B123" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B19" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B63" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B87" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B123" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B18" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B62" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B86" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B122" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B117" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B118" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B53" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B83" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B84" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B64" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B65" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B20" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B21" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C2" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C2" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C2" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C2" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C4" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C4" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C4" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C4" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C6" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C6" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C6" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C6" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C8" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C8" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C8" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C8" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C10" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C10" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C10" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C10" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C12" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C12" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C12" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C12" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C46" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C46" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C46" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C46" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C48" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C48" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C48" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C48" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C50" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C50" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C50" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C50" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C52" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C52" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C52" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C52" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C54" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C54" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C54" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C54" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "C56" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C56" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C56" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C56" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B126" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B126" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B126" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B126" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B127" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B127" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B127" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B127" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B128" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B128" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B128" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B128" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B129" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B129" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B129" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B129" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B130" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B130" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B130" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B130" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B131" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B131" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B131" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B131" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B132" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B132" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B132" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B132" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B133" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B133" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B133" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B133" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B134" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B134" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B134" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B134" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B135" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B135" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B135" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B135" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B136" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B136" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B136" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B136" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B137" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B137" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B137" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B137" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B1" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B1" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B1" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B1" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B2" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B2" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B2" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B2" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B3" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B3" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B3" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B3" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B4" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B4" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B4" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B4" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B5" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B5" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B5" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B5" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B6" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B6" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B6" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B6" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B7" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B7" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B7" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B7" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B8" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B8" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B8" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B8" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B9" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B9" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B9" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B9" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B10" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B10" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B10" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B10" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B11" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B11" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B11" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B11" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B12" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B12" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B12" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B12" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B66" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B67" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B68" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B69" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B70" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B71" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B72" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B73" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B74" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B75" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B76" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B77" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B17" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B61" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B85" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B121" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B24" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B88" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "B24" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B88" "RF" TYPE "TEMP" LC "T" T 20

LINELOAD "B24" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B88" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B24" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "B88" "3F" TYPE "TEMP" LC "T" T 20

LINELOAD "C1" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C49" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C13" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C20-1" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C21-1" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C22-1" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C23-1" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B56" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B58" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B55" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "B60" "4F" TYPE "TEMP" LC "T" T 20

LINELOAD "C16" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C60" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C59" "2F" TYPE "TEMP" LC "T" T 20

LINELOAD "C15" "2F" TYPE "TEMP" LC "T" T 20

$ AREA OBJECT LOADS

AREALOAD "F24" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F6" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F7" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F25" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F8" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F26" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F9" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F27" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F10" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F11" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F29" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F30" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F12" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F28" "RF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.4

AREALOAD "F24" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F6" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F7" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F25" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F8" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F26" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F9" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F27" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F10" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F11" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F29" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F30" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F12" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F28" "RF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F21" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F23" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F32" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F34" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F21" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F23" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F32" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F34" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.5

AREALOAD "F13" "4F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F13" "4F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F18" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F15" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F5" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F2" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F18" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F15" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F5" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F2" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F15" "3F" TYPE "UNIFF" DIR "GRAV" LC "RCW" FVAL 0.35

AREALOAD "F1" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F3" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F14" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F17" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F1" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F3" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F14" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F17" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F2" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F4" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F16" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F19" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F2" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F4" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F19" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F20" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F22" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F31" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F33" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F20" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F22" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F31" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F33" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F21" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F23" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F32" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F34" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F21" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F23" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F32" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F34" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F1" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F3" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F14" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F17" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.25

AREALOAD "F1" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F3" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F14" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F17" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.25

AREALOAD "F20" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F22" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F31" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F33" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.2

AREALOAD "F20" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F22" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F31" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F33" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL2" FVAL 1

AREALOAD "F16" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.5

AREALOAD "W42" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W42" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W13" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W13" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W14" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W14" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W44" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W45" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W45" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W16" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W17" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W17" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W42" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W43" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W13" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W14" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W20" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W27" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W20" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W27" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W27" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W16" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W42" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W43" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W43" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W44" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W21" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W26" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W21" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W26" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W21" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W26" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W21" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W26" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W1" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W2" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W30" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W31" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W30" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W31" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W30" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W31" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W32" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W33" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W32" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W33" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W32" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W33" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W34" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W35" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W34" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W35" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W34" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W35" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W36" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W37" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W36" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W37" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W36" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W37" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W38" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W39" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W38" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W39" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W38" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W39" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W1" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W2" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W1" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W2" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W3" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W4" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W3" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W4" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W3" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W4" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W5" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W6" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W5" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W6" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W5" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W6" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W7" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W8" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W7" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W8" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W7" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W8" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W9" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W10" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W9" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W10" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W9" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W10" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W30" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W31" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W32" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W33" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W34" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W35" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W36" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W37" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W38" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W39" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W1" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W2" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W3" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W4" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W5" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W6" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W7" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W8" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W9" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W10" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W40" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W41" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W40" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W41" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W40" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W41" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W11" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W11" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W12" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W11" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W12" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W40" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W41" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W11" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W12" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W18" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W22" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W18" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W22" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W24" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W28" "RF" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W24" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W28" "4F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W18" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W22" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W18" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W22" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W24" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W28" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W24" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W28" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W19" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W23" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W19" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W23" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W25" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W29" "3F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W13" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W15" "1F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W15" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W12" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W20" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W18" "1F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W22" "1F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W24" "1F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W28" "1F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W25" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

AREALOAD "W29" "2F" TYPE "UNIFF" DIR "GRAV" LC "T" FVAL 20

$ ANALYSIS OPTIONS

ACTIVEDOF "UX UY UZ RX RY RZ"

DYNAMICS MODES 140 MODETYPE "EIGEN" TOL 0.0000001

PDELTA METHOD "ITERATIVE" MAXITER 5 TOLD 0.001

PDELTA LOAD "DEAD" FACTOR 1.2

PDELTA LOAD "SDL" FACTOR 1.2

PDELTA LOAD "GRW" FACTOR 1.2

PDELTA LOAD "RCW" FACTOR 1.2

PDELTA LOAD "LL" FACTOR 1

PDELTA LOAD "LL2" FACTOR 1

PDELTA LOAD "EX1" FACTOR 1

PDELTA LOAD "EY1" FACTOR 1

MASSOPTIONS GRAVITY 9.80665 SOURCE "LOADS" LATERALONLY "YES" STORYLEVELONLY "NO"

MASSOPTIONS LOAD "DEAD" FACTOR 1

MASSOPTIONS LOAD "SDL" FACTOR 1

MASSOPTIONS LOAD "GRW" FACTOR 1

MASSOPTIONS LOAD "RCW" FACTOR 1

MASSOPTIONS LOAD "LL2" FACTOR 0.25

MASSOPTIONS LOAD "PAR" FACTOR 0.75

MASSOPTIONS LOAD "TANK" FACTOR 1

MASSOPTIONS LOAD "DOW" FACTOR 1

$ FUNCTIONS

FUNCTION "DDES" FUNCTYPE "SPECTRUM" DAMPRATIO 0.05 FILE "e:\0448b 核一廠除役低放貯存庫\設計\結構設計\ddes.txt" HEADERLINES 1 DATATYPE "T&V"

FUNCTION "DMED" FUNCTYPE "SPECTRUM" DAMPRATIO 0.05 FILE "e:\0448b 核一廠除役低放貯存庫\設計\結構設計\dmed.txt" HEADERLINES 1 DATATYPE "T&V"

FUNCTION "DMAX" FUNCTYPE "SPECTRUM" DAMPRATIO 0.05 FILE "e:\0448b 核一廠除役低放貯存庫\設計\結構設計\dmax.txt" HEADERLINES 1 DATATYPE "T&V"

$ RESPONSE SPECTRUM CASES

RSCASE "DXDES" DAMP 0.05 DIRCOMBO "SRSS" ANG 0 ECCENTRICITY 0.05

RSCASE "DXDES" FUNC1 "DDES" SF1 9.81

RSCASE "DXDES" MODECOMBO "CQC"

RSCASE "DXMED" DAMP 0.05 DIRCOMBO "SRSS" ANG 0 ECCENTRICITY 0.05

RSCASE "DXMED" FUNC1 "DMED" SF1 9.81

RSCASE "DXMED" MODECOMBO "CQC"

RSCASE "DXMAX" DAMP 0.05 DIRCOMBO "SRSS" ANG 0 ECCENTRICITY 0.05

RSCASE "DXMAX" FUNC1 "DMAX" SF1 9.81

RSCASE "DXMAX" MODECOMBO "CQC"

RSCASE "DYDES" DAMP 0.05 DIRCOMBO "SRSS" ANG 0 ECCENTRICITY 0.05

RSCASE "DYDES" FUNC2 "DDES" SF2 9.81

RSCASE "DYDES" MODECOMBO "CQC"

RSCASE "DYMAX" DAMP 0.05 DIRCOMBO "SRSS" ANG 0 ECCENTRICITY 0.05

RSCASE "DYMAX" FUNC2 "DMAX" SF2 9.81

RSCASE "DYMAX" MODECOMBO "CQC"

RSCASE "DYMED" DAMP 0.05 DIRCOMBO "SRSS" ANG 0 ECCENTRICITY 0.05

RSCASE "DYMED" FUNC2 "DMED" SF2 9.81

RSCASE "DYMED" MODECOMBO "CQC"

$ LOAD COMBINATIONS

COMBO "W" TYPE "ADD"

COMBO "W" LOAD "DEAD" SF 1

COMBO "W" LOAD "SDL" SF 1

COMBO "W" LOAD "GRW" SF 1

COMBO "W" LOAD "RCW" SF 1

COMBO "W" LOAD "LL2" SF 0.25

COMBO "W" LOAD "PAR" SF 0.75

COMBO "W" LOAD "TANK" SF 1

COMBO "W" LOAD "DOW" SF 1

COMBO "W" LOAD "LL3" SF 1

COMBO "DL" TYPE "ADD"

COMBO "DL" LOAD "SDL" SF 1

COMBO "DL" LOAD "GRW" SF 1

COMBO "DL" LOAD "RCW" SF 1

COMBO "DL" LOAD "TANK" SF 1

COMBO "DL" LOAD "DOW" SF 1

COMBO "LIVE" TYPE "ADD"

COMBO "LIVE" LOAD "LL" SF 1

COMBO "LIVE" LOAD "LL2" SF 1

COMBO "LIVE" LOAD "PAR" SF 1

COMBO "LIVE" LOAD "LL3" SF 1

COMBO "EZ1" TYPE "ADD"

COMBO "EZ1" COMBO "W" SF 0.159

COMBO "EZ2" TYPE "ADD"

COMBO "EZ2" COMBO "EZ1" SF -1

COMBO "EZ" TYPE "ENVELOPE"

COMBO "EZ" COMBO "EZ1" SF 1

COMBO "EZ" COMBO "EZ2" SF 1

COMBO "EX3" TYPE "ADD"

COMBO "EX3" LOAD "EX1" SF -1

COMBO "EX4" TYPE "ADD"

COMBO "EX4" LOAD "EX2" SF -1

COMBO "EY3" TYPE "ADD"

COMBO "EY3" LOAD "EY1" SF -1

COMBO "EY4" TYPE "ADD"

COMBO "EY4" LOAD "EY2" SF -1

COMBO "EX" TYPE "ENVELOPE"

COMBO "EX" LOAD "EX1" SF 1

COMBO "EX" LOAD "EX2" SF 1

COMBO "EX" COMBO "EX3" SF 1

COMBO "EX" COMBO "EX4" SF 1

COMBO "EY" TYPE "ENVELOPE"

COMBO "EY" LOAD "EY1" SF 1

COMBO "EY" LOAD "EY2" SF 1

COMBO "EY" COMBO "EY3" SF 1

COMBO "EY" COMBO "EY4" SF 1

COMBO "U1" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U1" COMBO "DL" SF 1.4

COMBO "U1" LOAD "DEAD" SF 1.4

COMBO "U2" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U2" COMBO "DL" SF 1.2

COMBO "U2" COMBO "LIVE" SF 1.6

COMBO "U2" LOAD "DEAD" SF 1.2

COMBO "U2" LOAD "T" SF 1.2

COMBO "U5EXA" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U5EXA" COMBO "W" SF 1.2

COMBO "U5EXA" COMBO "LIVE" SF 1

COMBO "U5EXA" COMBO "EZ" SF 0.3

COMBO "U5EXA" COMBO "EX" SF 1

COMBO "U5EXB" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U5EXB" COMBO "W" SF 1.2

COMBO "U5EXB" COMBO "LIVE" SF 1

COMBO "U5EXB" COMBO "EZ" SF 1

COMBO "U5EXB" COMBO "EX" SF 0.3

COMBO "U5EYA" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U5EYA" COMBO "W" SF 1.2

COMBO "U5EYA" COMBO "LIVE" SF 1

COMBO "U5EYA" COMBO "EZ" SF 0.3

COMBO "U5EYA" COMBO "EY" SF 1

COMBO "U5EYB" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U5EYB" COMBO "W" SF 1.2

COMBO "U5EYB" COMBO "LIVE" SF 1

COMBO "U5EYB" COMBO "EZ" SF 1

COMBO "U5EYB" COMBO "EY" SF 0.3

COMBO "U7EXA" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U7EXA" COMBO "W" SF 0.9

COMBO "U7EXA" COMBO "EZ" SF 0.3

COMBO "U7EXA" COMBO "EX" SF 1

COMBO "U7EXB" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U7EXB" COMBO "W" SF 0.9

COMBO "U7EXB" COMBO "EZ" SF 1

COMBO "U7EXB" COMBO "EX" SF 0.3

COMBO "U7EYA" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U7EYA" COMBO "W" SF 0.9

COMBO "U7EYA" COMBO "EZ" SF 0.3

COMBO "U7EYA" COMBO "EY" SF 1

COMBO "U7EYB" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U7EYB" COMBO "W" SF 0.9

COMBO "U7EYB" COMBO "EZ" SF 1

COMBO "U7EYB" COMBO "EY" SF 0.3

COMBO "DX" TYPE "ENVELOPE"

COMBO "DX" SPEC "DXDES" SF 1.36

COMBO "DX" SPEC "DXMED" SF 1

COMBO "DX" SPEC "DXMAX" SF 1.38

COMBO "DY" TYPE "ENVELOPE"

COMBO "DY" SPEC "DYDES" SF 1.44

COMBO "DY" SPEC "DYMAX" SF 1.4

COMBO "DY" SPEC "DYMED" SF 1.25

COMBO "U5DXA" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U5DXA" COMBO "W" SF 1.2

COMBO "U5DXA" COMBO "LIVE" SF 1

COMBO "U5DXA" COMBO "DX" SF 1

COMBO "U5DXA" COMBO "EZ" SF 0.3

COMBO "U5DXB" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U5DXB" COMBO "W" SF 1.2

COMBO "U5DXB" COMBO "LIVE" SF 1

COMBO "U5DXB" COMBO "DX" SF 0.3

COMBO "U5DXB" COMBO "EZ" SF 1

COMBO "U5DYA" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U5DYA" COMBO "W" SF 1.2

COMBO "U5DYA" COMBO "LIVE" SF 1

COMBO "U5DYA" COMBO "DY" SF 1

COMBO "U5DYA" COMBO "EZ" SF 0.3

COMBO "U5DYB" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U5DYB" COMBO "W" SF 1.2

COMBO "U5DYB" COMBO "LIVE" SF 1

COMBO "U5DYB" COMBO "DY" SF 0.3

COMBO "U5DYB" COMBO "EZ" SF 1

COMBO "U7DXA" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U7DXA" COMBO "W" SF 0.9

COMBO "U7DXA" COMBO "DX" SF 1

COMBO "U7DXA" COMBO "EZ" SF 0.3

COMBO "U7DXB" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U7DXB" COMBO "W" SF 0.9

COMBO "U7DXB" COMBO "DX" SF 0.3

COMBO "U7DXB" COMBO "EZ" SF 1

COMBO "U7DYA" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U7DYA" COMBO "W" SF 0.9

COMBO "U7DYA" COMBO "DY" SF 1

COMBO "U7DYA" COMBO "EZ" SF 0.3

COMBO "U7DYB" TYPE "ADD" DESIGN "CONCRETE" DESIGN "WALL"

COMBO "U7DYB" COMBO "W" SF 0.9

COMBO "U7DYB" COMBO "DY" SF 0.3

COMBO "U7DYB" COMBO "EZ" SF 1

COMBO "ASD1" TYPE "ADD"

COMBO "ASD1" COMBO "DL" SF 1

COMBO "ASD1" LOAD "DEAD" SF 1

COMBO "ASD1" COMBO "LIVE" SF 1

COMBO "ASD2" TYPE "ADD"

COMBO "ASD2" COMBO "DL" SF 1

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  COMBO "ASD2"  LOAD "DEAD"  SF 1
  COMBO "ASD2"  COMBO "LIVE"  SF 1
  COMBO "ASD2"  COMBO "EZ"  SF 1
  COMBO "ENV"  TYPE "ENVELOPE"
  COMBO "ENV"  COMBO "U1"  SF 1
  COMBO "ENV"  COMBO "U2"  SF 1
  COMBO "ENV"  COMBO "U5EXA"  SF 1
  COMBO "ENV"  COMBO "U5EXB"  SF 1
  COMBO "ENV"  COMBO "U5EYA"  SF 1
  COMBO "ENV"  COMBO "U5EYB"  SF 1
  COMBO "ENV"  COMBO "U7EXA"  SF 1
  COMBO "ENV"  COMBO "U7EXB"  SF 1
  COMBO "ENV"  COMBO "U7EYA"  SF 1
  COMBO "ENV"  COMBO "U7EYB"  SF 1
  COMBO "ENV"  COMBO "U5DXA"  SF 1
  COMBO "ENV"  COMBO "U5DXB"  SF 1
  COMBO "ENV"  COMBO "U5DYA"  SF 1
  COMBO "ENV"  COMBO "U5DYB"  SF 1
  COMBO "ENV"  COMBO "U7DXA"  SF 1
  COMBO "ENV"  COMBO "U7DXB"  SF 1
  COMBO "ENV"  COMBO "U7DYA"  SF 1
  COMBO "ENV"  COMBO "U7DYB"  SF 1

$ STEEL DESIGN PREFERENCES
  STEELPREFERENCE  CODE "AISC-LRFD93"  THDESIGN "EVERYSTEP"  FRAMETYPE "MOMENT FRAME"
  STEELPREFERENCE  PHIBLRFD 0.9 PHICLRFD 0.85 PHITLRFD 0.9 PHIVLRFD 0.9 PHICANGLELRFD 0.9
  STEELPREFERENCE  PHIBLRFD 0.9 PHICLRFD 0.85 PHITLRFD 0.9 PHIVLRFD 0.9 PHICANGLELRFD 0.9
  STEELPREFERENCE  CONSIDERDEFLECTION "YES"  RELATIVEDEFLECTION "BOTH"
  STEELPREFERENCE  DLDEFLECTIONLIMIT 120 SLDEFLECTIONLIMIT 120 LLDEFLECTIONLIMIT 360
TLDEFLECTIONLIMIT 240 TLMCDEFLECTIONLIMIT 240
  STEELPREFERENCE  DLDEFLECTIONLIMITABS 0.0254 SLDEFLECTIONLIMITABS 0.0254 LLDEFLECTIONLIMITABS 0.0254
TLDEFLECTIONLIMITABS 0.0254 TLMCDEFLECTIONLIMITABS 0.0254
  STEELPREFERENCE  CALCULATECAMBER "NO"  PERCENTCAMBERWDL 1 CAMBERRELMAXLIMIT 180
CAMBERIGNORELIMIT 0.01905
  STEELPREFERENCE  CAMBERABSMAXLIMIT 0.1016 CAMBERINTERVAL 0.00635 CAMBERROUNDDOWN "YES"
  STEELPREFERENCE  PATTERNLLF 0.75 MAXITERATION 1 SRLIMIT 0.95
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$ CONCRETE DESIGN PREFERENCES

CONCRETEPREFERENCE CODE "ACI 318-08/IBC 2009" THDESIGN "EVERYSTEP" CONSIDERMINECCENTRICITY "YES"

CONCRETEPREFERENCE NUMINTERCURVES 24 NUMINTERPOINTS 11 PATTERNLLF 0.75 UFLIMIT 1

CONCRETEPREFERENCE SDC "D" PHITENSIONCTRL 0.9 PHICOMPRESSIONCTRLTIED 0.65

PHICOMPRESSIONCTRLSPIRAL 0.75 PHISHEARTORSION 0.75 PHISHEARSEISMIC 0.6 PHISHEARJOINT 0.85

$ CONCRETE DESIGN OVERWRITES

CONCRETEDATA "C13" "RF" TYPE "SPECIAL"

CONCRETEDATA "C15" "RF" TYPE "SPECIAL"

CONCRETEDATA "C24" "RF" TYPE "SPECIAL"

CONCRETEDATA "C26" "RF" TYPE "INTERMEDIATE"

CONCRETEDATA "C28" "RF" TYPE "INTERMEDIATE"

CONCRETEDATA "C30" "RF" TYPE "INTERMEDIATE"

CONCRETEDATA "C32" "RF" TYPE "INTERMEDIATE"

CONCRETEDATA "C34" "RF" TYPE "INTERMEDIATE"

CONCRETEDATA "C36" "RF" TYPE "INTERMEDIATE"

CONCRETEDATA "C40" "3F" TYPE "SPECIAL"

CONCRETEDATA "C57" "RF" TYPE "SPECIAL"

CONCRETEDATA "C59" "RF" TYPE "SPECIAL"

CONCRETEDATA "B28" "RF" TYPE "SPECIAL"

CONCRETEDATA "B92" "RF" TYPE "SPECIAL"

CONCRETEDATA "B32" "RF" TYPE "SPECIAL"

CONCRETEDATA "B96" "RF" TYPE "SPECIAL"

CONCRETEDATA "B36" "RF" TYPE "SPECIAL"

CONCRETEDATA "B100" "RF" TYPE "SPECIAL"

CONCRETEDATA "B40" "RF" TYPE "SPECIAL"

CONCRETEDATA "B104" "RF" TYPE "SPECIAL"

CONCRETEDATA "B44" "RF" TYPE "SPECIAL"

CONCRETEDATA "B108" "RF" TYPE "SPECIAL"

CONCRETEDATA "B48" "RF" TYPE "SPECIAL"

CONCRETEDATA "B112" "RF" TYPE "SPECIAL"

CONCRETEDATA "B50" "RF" TYPE "SPECIAL"

CONCRETEDATA "B114" "RF" TYPE "SPECIAL"

CONCRETEDATA "B90" "RF" TYPE "SPECIAL"

CONCRETEDATA "B26" "RF" TYPE "SPECIAL"

CONCRETEDATA "B89" "RF" TYPE "NONSWAY"

CONCRETEDATA "B25" "RF" TYPE "NONSWAY"

CONCRETEDATA "B91" "RF" TYPE "NONSWAY"

CONCRETEDATA "B27" "RF" TYPE "NONSWAY"

CONCRETEDATA "B94" "RF" TYPE "SPECIAL"

CONCRETEDATA "B30" "RF" TYPE "SPECIAL"

CONCRETEDATA "B93" "RF" TYPE "NONSWAY"

CONCRETEDATA "B29" "RF" TYPE "NONSWAY"

CONCRETEDATA "B95" "RF" TYPE "NONSWAY"

CONCRETEDATA "B31" "RF" TYPE "NONSWAY"

CONCRETEDATA "B98" "RF" TYPE "SPECIAL"

CONCRETEDATA "B34" "RF" TYPE "SPECIAL"

CONCRETEDATA "B97" "RF" TYPE "NONSWAY"

CONCRETEDATA "B33" "RF" TYPE "NONSWAY"

CONCRETEDATA "B99" "RF" TYPE "NONSWAY"

CONCRETEDATA "B35" "RF" TYPE "NONSWAY"

CONCRETEDATA "B102" "RF" TYPE "SPECIAL"

CONCRETEDATA "B38" "RF" TYPE "SPECIAL"

CONCRETEDATA "B101" "RF" TYPE "NONSWAY"

CONCRETEDATA "B37" "RF" TYPE "NONSWAY"

CONCRETEDATA "B103" "RF" TYPE "NONSWAY"

CONCRETEDATA "B39" "RF" TYPE "NONSWAY"

CONCRETEDATA "B106" "RF" TYPE "SPECIAL"

CONCRETEDATA "B42" "RF" TYPE "SPECIAL"

CONCRETEDATA "B105" "RF" TYPE "NONSWAY"

CONCRETEDATA "B41" "RF" TYPE "NONSWAY"

CONCRETEDATA "B107" "RF" TYPE "NONSWAY"

CONCRETEDATA "B43" "RF" TYPE "NONSWAY"

CONCRETEDATA "B110" "RF" TYPE "SPECIAL"

CONCRETEDATA "B46" "RF" TYPE "SPECIAL"

CONCRETEDATA "B109" "RF" TYPE "NONSWAY"

CONCRETEDATA "B45" "RF" TYPE "NONSWAY"

CONCRETEDATA "B111" "RF" TYPE "NONSWAY"

CONCRETEDATA "B47" "RF" TYPE "NONSWAY"

CONCRETEDATA "B49" "RF" TYPE "NONSWAY"

CONCRETEDATA "B113" "RF" TYPE "NONSWAY"

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  CONCRETEDATA  "B51"  "RF"  TYPE "NONSWAY"
  CONCRETEDATA  "B115"  "RF"  TYPE "NONSWAY"
  CONCRETEDATA  "B52"  "RF"  TYPE "NONSWAY"
  CONCRETEDATA  "B116"  "RF"  TYPE "NONSWAY"
  CONCRETEDATA  "C38"  "RF"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B78"  "RF"  TYPE "SPECIAL"
  CONCRETEDATA  "B79"  "RF"  TYPE "SPECIAL"
  CONCRETEDATA  "B79"  "RF"  LMAJOR 0.8694
  CONCRETEDATA  "C39"  "RF"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "C25"  "RF"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "C27"  "RF"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "C29"  "RF"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "C31"  "RF"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "C33"  "RF"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "C35"  "RF"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B125"  "2F"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "C20-1"  "4F"  TYPE "SPECIAL"
  CONCRETEDATA  "C59"  "1F"  SECTION "C3-110X120"  TYPE "NONSWAY"

$ COMPOSITE DESIGN PREFERENCES
  COMPOSITEPREFERENCE  CODE "AISC-LRFD93"
  COMPOSITEPREFERENCE  PHI-B 0.9  PHI-BCNE 0.9  PHI-BCNP 0.85  PHI-BCPE 0.9  PHI-BCPP 0.85  PHI-V 0.9
  COMPOSITEPREFERENCE  SHORED "NO"  %MIDDLERANGE 70  PATTERNLLF 0.75  SRLIMIT 1  SINGLESEGMENT "NO"
STUDINCREASEFACTOR 1  MINNUMEXTRASTUDS 0
  COMPOSITEPREFERENCE  DLLIMIT 0  SLLIMIT 240  LLLIMIT 360  TLLIMIT 240  CREEPFACTOR 1
  COMPOSITEPREFERENCE  %DLCAMBER 100  CAMBERIGNORE 0.01905  CAMBERABSMAX 0.1016  CAMBERRELMAX 180
CAMBERINTERVAL 0.00635  CAMBERROUNDDOWN "YES"
  COMPOSITEPREFERENCE  %VIBLL 25  CONSIDERFREQ "NO"  MINFREQ 8  CONSIDERDAMP "NO"  %INHERENTDAMP 4
  COMPOSITEPREFERENCE  VIBRATIONCRITERION "WALKING"  OCCUPANCYCATEGORY "PAPEROFFICE"
DAMPINGRATIO 0.03  WALKINGACCELERATIONLIMIT 0.005
  COMPOSITEPREFERENCE  RHYTHMICACTIVITY "AEROBICS"  AFFECTEDOCCUPANCYCATEGORY "PAPEROFFICE"
  COMPOSITEPREFERENCE  RHYTHMICACCELERATIONLIMIT 0.005  UPPERSTEPFREQUENCY 2.75
LOWERSTEPFREQUENCY 2
  COMPOSITEPREFERENCE  EQUIPMENTORUSECATEGORY "COMPUTERSYSTEM"  VIBVELOCITYLIMIT 0.0002032
  COMPOSITEPREFERENCE  FOOTFALLIMPULSEFOFAST 5  FOOTFALLIMPULSEFOMODERATE 2.5
FOOTFALLIMPULSEFOSLOW 1.4
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COMPOSITEPREFERENCE FOOTFALLIMPULSEFMFAST 0.1428816 FOOTFALLIMPULSEFMMODERATE 0.1270059 FOOTFALLIMPULSEFMSLOW 0.1088622

COMPOSITEPREFERENCE OPTIMIZEPRICE "NO" CONNECTORPRICE 0 CAMBERPRICE 0

$ WALL DESIGN PREFERENCES

WALLPREFERENCE CODE "ACI 318-08/IBC 2009" THDESIGN "EVERYSTEP"

WALLPREFERENCE REBARUNITS "cm^2" REBAR/LENGTHUNITS "cm^2/m"

WALLPREFERENCE PHI-TCTRL 0.9 PHI-CCTRL 0.65 PHI-SHEAR 0.75 PHI-SHEARSEIS 0.6 PMAXFACTOR 0.8

WALLPREFERENCE NUMCURVES 24 NUMPOINTS 11

WALLPREFERENCE PTMAX 0.06 PCMAX 0.04 IPMAX 0.02 IPMIN 0.0025

WALLPREFERENCE UFLIMIT 1

$ PIER DESIGN OVERWRITES

PIERDATA "P1" "RF" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1 DESIGNCHECKUNIFORM "CHECK"

PIERDATA "P1" "4F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1 DESIGNCHECKUNIFORM "CHECK"

PIERDATA "P1" "3F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1 DESIGNCHECKUNIFORM "CHECK"

PIERDATA "P1" "2F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1 DESIGNCHECKUNIFORM "CHECK"

PIERDATA "P7-1" "4F" SEISMIC "NO"

PIERDATA "P7-1" "4F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1 DESIGNCHECKUNIFORM "CHECK"

PIERDATA "P7-1" "3F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1 DESIGNCHECKUNIFORM "CHECK"

PIERDATA "P7-1" "2F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1 DESIGNCHECKUNIFORM "CHECK"

PIERDATA "P7-2" "4F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1 DESIGNCHECKUNIFORM "CHECK"

PIERDATA "P7-2" "3F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1 DESIGNCHECKUNIFORM "CHECK"

PIERDATA "P7-2" "2F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1 DESIGNCHECKUNIFORM "CHECK"

PIERDATA "P9" "RF" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1 DESIGNCHECKUNIFORM "CHECK"

PIERDATA "P9" "4F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "P9" "3F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "P9" "2F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "P9" "1F" PIERTYPE "UNIFORM"
PIERDATA "P9" "1F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "P11" "3F" ENDCORNERBAR "#4" EDGEBAR "#4" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "P11" "2F" ENDCORNERBAR "#4" EDGEBAR "#4" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "PA" "4F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "PA" "3F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "PA" "2F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "PA" "1F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "PC" "RF" PIERTYPE "UNIFORM"
PIERDATA "PC" "RF" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "PC" "4F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "PC" "3F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "PC" "2F" ENDCORNERBAR "#7" EDGEBAR "#7" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"
PIERDATA "PC-W30" "2F" PIERTYPE "UNIFORM"
PIERDATA "PC-W30" "2F" ENDCORNERBAR "#4" EDGEBAR "#4" EDGESPACING 0.15 CLEARCOVER 0.1
DESIGNCHECKUNIFORM "CHECK"

$ SPECIAL SEISMIC DATA
SPECIALSEISMICDATA USEFORDESIGN "NO"

$ DIMENSION LINES

$ LOG

STARTCOMMENTS

ENDCOMMENTS

END

$ END OF MODEL FILE

二十三、 電腦報表輸出

1.含剪力牆之模型

(1) 柱桿件

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 9:54 PAGE 1

C O N C R E T E C O L U M N C H E C K O U T P U T (ACI 318-08/IBC 2009)

BIAXIAL P-M INTERACTION CAPACITY CHECK AND SHEAR DESIGN OF COLUMN-TYPE ELEMENTS

STORY ID	COLUMN LINE ID	SECTION ID	STATION ID	INTERACTION RATIO	COMBO ID	SHEAR22 REBAR	COMBO ID	SHEAR33 REBAR	COMBO ID
RF	C1C1-120X120	0.00	0.263	U2	3.235E-03	U7DYB	2.436E-04	U5EYA	
RF	C1C1-120X120	2.25	0.259	U2	3.235E-03	U7DYB	2.436E-04	U5EYA	
RF	C1C1-120X120	4.50	0.256	U2	3.235E-03	U7DYB	2.436E-04	U5EYA	
4F	C1C1-120X120	0.00	0.314	U2	1.621E-03	U7DYB	3.366E-04	U5EXA	
4F	C1C1-120X120	1.75	0.312	U2	1.621E-03	U7DYB	3.366E-04	U5EXA	
4F	C1C1-120X120	3.50	0.309	U2	1.621E-03	U7DYB	3.366E-04	U5EXA	
3F	C1C1-120X120	0.00	0.387	U2	1.675E-03	U7DYB	3.221E-04	U5EXA	
3F	C1C1-120X120	1.75	0.384	U2	1.675E-03	U7DYB	3.221E-04	U5EXA	
3F	C1C1-120X120	3.50	0.382	U2	1.675E-03	U7DYB	3.221E-04	U5EXA	
2F	C1C1-120X120	0.00	0.486	U2	1.702E-03	U7DYB	4.421E-04	U5EXA	
2F	C1C1-120X120	1.75	0.484	U2	1.702E-03	U7DYB	4.421E-04	U5EXA	
2F	C1C1-120X120	3.50	0.481	U2	1.702E-03	U7DYB	4.421E-04	U5EXA	
RF	C2C2-110X120	0.00	0.284	U2	2.114E-03	U5DYA	1.606E-04	U5EYA	
RF	C2C2-110X120	2.25	0.344	U2	2.114E-03	U5DYA	1.606E-04	U5EYA	
RF	C2C2-110X120	4.50	0.529	U2	2.114E-03	U5DYA	1.606E-04	U5EYA	
4F	C2C2-110X120	0.00	0.360	U2	7.440E-04	U5DYA	2.921E-04	U5EXA	
4F	C2C2-110X120	1.90	0.355	U2	7.440E-04	U5DYA	2.921E-04	U5EXA	
4F	C2C2-110X120	3.80	0.357	U2	7.440E-04	U5DYA	2.921E-04	U5EXA	
3F	C2C2-110X120	0.00	0.427	U2	5.969E-04	U5DYA	3.304E-04	U5EXA	
3F	C2C2-110X120	1.90	0.421	U2	5.969E-04	U5DYA	3.304E-04	U5EXA	
3F	C2C2-110X120	3.80	0.422	U2	5.969E-04	U5DYA	3.304E-04	U5EXA	
2F	C2C2-110X120	0.00	0.475	U2	3.182E-04	U5DYA	4.037E-04	U5EXA	
2F	C2C2-110X120	1.90	0.472	U2	3.182E-04	U5DYA	4.037E-04	U5EXA	
2F	C2C2-110X120	3.80	0.470	U2	3.182E-04	U5DYA	4.037E-04	U5EXA	
RF	C3C2-110X120	0.00	0.277	U2	2.209E-03	U5DYA	1.787E-04	U5EXA	
RF	C3C2-110X120	2.25	0.359	U2	2.209E-03	U5DYA	1.787E-04	U5EXA	
RF	C3C2-110X120	4.50	0.518	U2	2.209E-03	U5DYA	1.787E-04	U5EXA	
4F	C3C2-110X120	0.00	0.366	U2	1.347E-03	U5DYA	2.735E-04	U5EXA	
4F	C3C2-110X120	1.90	0.361	U2	1.347E-03	U5DYA	2.735E-04	U5EXA	
4F	C3C2-110X120	3.80	0.402	U2	1.347E-03	U5DYA	2.735E-04	U5EXA	
3F	C3C2-110X120	0.00	0.422	U2	1.337E-03	U5DYA	3.186E-04	U5EXA	
3F	C3C2-110X120	1.90	0.418	U2	1.337E-03	U5DYA	3.186E-04	U5EXA	
3F	C3C2-110X120	3.80	0.416	U2	1.337E-03	U5DYA	3.186E-04	U5EXA	
2F	C3C2-110X120	0.00	0.482	U2	6.845E-04	U5DYA	3.912E-04	U5EXA	
2F	C3C2-110X120	1.90	0.475	U2	6.845E-04	U5DYA	3.912E-04	U5EXA	
2F	C3C2-110X120	3.80	0.476	U2	6.845E-04	U5DYA	3.912E-04	U5EXA	

RF	C4C2-110X120	0.00	0.281	U2	2.036E-03	U5DYA	2.153E-04	U5EXA
RF	C4C2-110X120	2.25	0.364	U2	2.036E-03	U5DYA	2.153E-04	U5EXA
RF	C4C2-110X120	4.50	0.500	U2	2.036E-03	U5DYA	2.153E-04	U5EXA
4F	C4C2-110X120	0.00	0.352	U2	1.658E-03	U5DYA	3.192E-04	U5EXA
4F	C4C2-110X120	1.90	0.356	U2	1.658E-03	U5DYA	3.192E-04	U5EXA
4F	C4C2-110X120	3.80	0.445	U5DYA	1.658E-03	U5DYA	3.192E-04	U5EXA
3F	C4C2-110X120	0.00	0.414	U2	1.735E-03	U5DYA	3.095E-04	U5EXA
3F	C4C2-110X120	1.90	0.411	U2	1.735E-03	U5DYA	3.095E-04	U5EXA
3F	C4C2-110X120	3.80	0.408	U2	1.735E-03	U5DYA	3.095E-04	U5EXA
2F	C4C2-110X120	0.00	0.480	U2	8.730E-04	U5DYA	3.695E-04	U7EXA
2F	C4C2-110X120	1.90	0.474	U2	8.730E-04	U5DYA	3.695E-04	U7EXA
2F	C4C2-110X120	3.80	0.473	U2	8.730E-04	U5DYA	3.695E-04	U7EXA
RF	C5C2-110X120	0.00	0.279	U2	2.061E-03	U5DYA	2.088E-04	U5EXA
RF	C5C2-110X120	2.25	0.362	U2	2.061E-03	U5DYA	2.088E-04	U5EXA
RF	C5C2-110X120	4.50	0.495	U2	2.061E-03	U5DYA	2.088E-04	U5EXA
4F	C5C2-110X120	0.00	0.347	U2	1.797E-03	U5DYA	3.123E-04	U5EXA
4F	C5C2-110X120	1.90	0.355	U2	1.797E-03	U5DYA	3.123E-04	U5EXA
4F	C5C2-110X120	3.80	0.495	U5DYA	1.797E-03	U5DYA	3.123E-04	U5EXA
3F	C5C2-110X120	0.00	0.410	U2	1.950E-03	U5DYA	3.175E-04	U5EXA
3F	C5C2-110X120	1.90	0.406	U2	1.950E-03	U5DYA	3.175E-04	U5EXA
3F	C5C2-110X120	3.80	0.404	U2	1.950E-03	U5DYA	3.175E-04	U5EXA
2F	C5C2-110X120	0.00	0.475	U2	9.333E-04	U5DYA	3.672E-04	U5EXA
2F	C5C2-110X120	1.90	0.471	U2	9.333E-04	U5DYA	3.672E-04	U5EXA
2F	C5C2-110X120	3.80	0.468	U2	9.333E-04	U5DYA	3.672E-04	U5EXA
RF	C6C2-110X120	0.00	0.277	U2	2.119E-03	U5DYA	2.036E-04	U5EXA
RF	C6C2-110X120	2.25	0.362	U2	2.119E-03	U5DYA	2.036E-04	U5EXA
RF	C6C2-110X120	4.50	0.495	U2	2.119E-03	U5DYA	2.036E-04	U5EXA
4F	C6C2-110X120	0.00	0.344	U2	1.870E-03	U5DYA	3.105E-04	U5EXA
4F	C6C2-110X120	1.90	0.353	U2	1.870E-03	U5DYA	3.105E-04	U5EXA
4F	C6C2-110X120	3.80	0.524	U5DYA	1.870E-03	U5DYA	3.105E-04	U5EXA
3F	C6C2-110X120	0.00	0.407	U2	2.074E-03	U5DYA	3.188E-04	U5EXA
3F	C6C2-110X120	1.90	0.404	U2	2.074E-03	U5DYA	3.188E-04	U5EXA
3F	C6C2-110X120	3.80	0.401	U2	2.074E-03	U5DYA	3.188E-04	U5EXA
2F	C6C2-110X120	0.00	0.474	U2	9.865E-04	U5DYA	3.748E-04	U5EXA
2F	C6C2-110X120	1.90	0.470	U2	9.865E-04	U5DYA	3.748E-04	U5EXA
2F	C6C2-110X120	3.80	0.467	U2	9.865E-04	U5DYA	3.748E-04	U5EXA
RF	C7C2-110X120	0.00	0.276	U2	2.137E-03	U5DYA	2.001E-04	U5EXA
RF	C7C2-110X120	2.25	0.362	U2	2.137E-03	U5DYA	2.001E-04	U5EXA
RF	C7C2-110X120	4.50	0.495	U2	2.137E-03	U5DYA	2.001E-04	U5EXA
4F	C7C2-110X120	0.00	0.342	U2	1.884E-03	U5DYA	3.080E-04	U5EXA
4F	C7C2-110X120	1.90	0.352	U2	1.884E-03	U5DYA	3.080E-04	U5EXA
4F	C7C2-110X120	3.80	0.531	U5DYA	1.884E-03	U5DYA	3.080E-04	U5EXA
3F	C7C2-110X120	0.00	0.406	U2	2.101E-03	U5DYA	3.196E-04	U5EXA
3F	C7C2-110X120	1.90	0.402	U2	2.101E-03	U5DYA	3.196E-04	U5EXA
3F	C7C2-110X120	3.80	0.400	U2	2.101E-03	U5DYA	3.196E-04	U5EXA
2F	C7C2-110X120	0.00	0.474	U2	1.003E-03	U5DYA	3.782E-04	U5EXA
2F	C7C2-110X120	1.90	0.469	U2	1.003E-03	U5DYA	3.782E-04	U5EXA
2F	C7C2-110X120	3.80	0.467	U2	1.003E-03	U5DYA	3.782E-04	U5EXA
RF	C8C2-110X120	0.00	0.276	U2	2.101E-03	U5DYA	1.969E-04	U5EXA

RF	C8C2-110X120	2.25	0.362	U2	2.101E-03	U5DYA	1.969E-04	U5EXA
RF	C8C2-110X120	4.50	0.494	U2	2.101E-03	U5DYA	1.969E-04	U5EXA
4F	C8C2-110X120	0.00	0.342	U2	1.835E-03	U5DYA	3.055E-04	U5EXA
4F	C8C2-110X120	1.90	0.352	U2	1.835E-03	U5DYA	3.055E-04	U5EXA
4F	C8C2-110X120	3.80	0.512	U5DYA	1.835E-03	U5DYA	3.055E-04	U5EXA
3F	C8C2-110X120	0.00	0.405	U2	2.025E-03	U5DYA	3.195E-04	U5EXA
3F	C8C2-110X120	1.90	0.402	U2	2.025E-03	U5DYA	3.195E-04	U5EXA
3F	C8C2-110X120	3.80	0.399	U2	2.025E-03	U5DYA	3.195E-04	U5EXA
2F	C8C2-110X120	0.00	0.474	U2	9.762E-04	U5DYA	3.800E-04	U5EXA
2F	C8C2-110X120	1.90	0.468	U2	9.762E-04	U5DYA	3.800E-04	U5EXA
2F	C8C2-110X120	3.80	0.467	U2	9.762E-04	U5DYA	3.800E-04	U5EXA
RF	C9C2-110X120	0.00	0.276	U2	2.018E-03	U5DYA	1.924E-04	U5EXA
RF	C9C2-110X120	2.25	0.361	U2	2.018E-03	U5DYA	1.924E-04	U5EXA
RF	C9C2-110X120	4.50	0.494	U2	2.018E-03	U5DYA	1.924E-04	U5EXA
4F	C9C2-110X120	0.00	0.342	U2	1.739E-03	U5DYA	3.019E-04	U5EXA
4F	C9C2-110X120	1.90	0.351	U2	1.739E-03	U5DYA	3.019E-04	U5EXA
4F	C9C2-110X120	3.80	0.473	U5DYA	1.739E-03	U5DYA	3.019E-04	U5EXA
3F	C9C2-110X120	0.00	0.406	U2	1.855E-03	U5DYA	3.188E-04	U5EXA
3F	C9C2-110X120	1.90	0.402	U2	1.855E-03	U5DYA	3.188E-04	U5EXA
3F	C9C2-110X120	3.80	0.399	U2	1.855E-03	U5DYA	3.188E-04	U5EXA
2F	C9C2-110X120	0.00	0.474	U2	9.072E-04	U5DYA	3.811E-04	U5EXA
2F	C9C2-110X120	1.90	0.469	U2	9.072E-04	U5DYA	3.811E-04	U5EXA
2F	C9C2-110X120	3.80	0.467	U2	9.072E-04	U5DYA	3.811E-04	U5EXA
RF	C10C2-110X120	0.00	0.276	U2	2.018E-03	U5DYB	1.845E-04	U5EXA
RF	C10C2-110X120	2.25	0.360	U2	2.009E-03	U5DYB	1.845E-04	U5EXA
RF	C10C2-110X120	4.50	0.495	U2	2.000E-03	U5DYB	1.845E-04	U5EXA
4F	C10C2-110X120	0.00	0.344	U2	1.590E-03	U5DYA	2.959E-04	U5EXA
4F	C10C2-110X120	1.90	0.350	U2	1.590E-03	U5DYA	2.959E-04	U5EXA
4F	C10C2-110X120	3.80	0.412	U5DYA	1.590E-03	U5DYA	2.959E-04	U5EXA
3F	C10C2-110X120	0.00	0.407	U2	1.564E-03	U5DYA	3.178E-04	U5EXA
3F	C10C2-110X120	1.90	0.404	U2	1.564E-03	U5DYA	3.178E-04	U5EXA
3F	C10C2-110X120	3.80	0.401	U2	1.564E-03	U5DYA	3.178E-04	U5EXA
2F	C10C2-110X120	0.00	0.476	U2	7.589E-04	U5DYA	3.830E-04	U5EXA
2F	C10C2-110X120	1.90	0.471	U2	7.589E-04	U5DYA	3.830E-04	U5EXA
2F	C10C2-110X120	3.80	0.469	U2	7.589E-04	U5DYA	3.830E-04	U5EXA
RF	C11C2-110X120	0.00	0.277	U2	2.019E-03	U5DYB	1.851E-04	U5EXA
RF	C11C2-110X120	2.25	0.355	U2	2.010E-03	U5DYB	1.851E-04	U5EXA
RF	C11C2-110X120	4.50	0.499	U2	2.001E-03	U5DYB	1.851E-04	U5EXA
4F	C11C2-110X120	0.00	0.347	U2	1.327E-03	U5DYA	2.889E-04	U5EXA
4F	C11C2-110X120	1.90	0.344	U2	1.327E-03	U5DYA	2.889E-04	U5EXA
4F	C11C2-110X120	3.80	0.388	U2	1.327E-03	U5DYA	2.889E-04	U5EXA
3F	C11C2-110X120	0.00	0.411	U2	1.077E-03	U5DYA	3.165E-04	U7EXA
3F	C11C2-110X120	1.90	0.408	U2	1.077E-03	U5DYA	3.165E-04	U7EXA
3F	C11C2-110X120	3.80	0.405	U2	1.077E-03	U5DYA	3.165E-04	U7EXA
2F	C11C2-110X120	0.00	0.481	U2	4.839E-04	U5DYA	3.881E-04	U7EXA
2F	C11C2-110X120	1.90	0.475	U2	4.839E-04	U5DYA	3.881E-04	U7EXA
2F	C11C2-110X120	3.80	0.473	U2	4.839E-04	U5DYA	3.881E-04	U7EXA
RF	C12C2-110X120	0.00	0.275	U2	2.019E-03	U5EYB	1.740E-04	U7EXA
RF	C12C2-110X120	2.25	0.328	U2	2.009E-03	U5EYB	1.740E-04	U7EXA

RF	C12C2-110X120	4.50	0.494	U2	2.000E-03	U5EYB	1.740E-04	U7EXA
4F	C12C2-110X120	0.00	0.352	U2	6.670E-04	U5DYA	2.990E-04	U5EXA
4F	C12C2-110X120	1.90	0.349	U2	6.670E-04	U5DYA	2.990E-04	U5EXA
4F	C12C2-110X120	3.80	0.346	U2	6.670E-04	U5DYA	2.990E-04	U5EXA
3F	C12C2-110X120	0.00	0.421	U2	3.471E-04	U5DYA	3.259E-04	U5EXA
3F	C12C2-110X120	1.90	0.417	U2	3.471E-04	U5DYA	3.259E-04	U5EXA
3F	C12C2-110X120	3.80	0.415	U2	3.471E-04	U5DYA	3.259E-04	U5EXA
2F	C12C2-110X120	0.00	0.491	U2	2.252E-04	U5DYA	4.018E-04	U7EXA
2F	C12C2-110X120	1.90	0.486	U2	2.252E-04	U5DYA	4.018E-04	U7EXA
2F	C12C2-110X120	3.80	0.483	U2	2.252E-04	U5DYA	4.018E-04	U7EXA
RF	C13C2-110X120	0.00	0.283	U2	3.612E-03	U7DYB	2.066E-04	U5EXA
RF	C13C2-110X120	2.25	0.289	U2	3.612E-03	U7DYB	2.066E-04	U5EXA
RF	C13C2-110X120	4.50	0.440	U5DYB	3.612E-03	U7DYB	2.066E-04	U5EXA
4F	C13C2-110X120	0.00	0.350	U2	8.539E-05	U5DYA	3.007E-04	U5EXA
4F	C13C2-110X120	1.90	0.347	U2	8.539E-05	U5DYA	3.007E-04	U5EXA
4F	C13C2-110X120	3.80	0.344	U2	8.539E-05	U5DYA	3.007E-04	U5EXA
3F	C13C2-110X120	0.00	0.430	U2	1.126E-04	U5EYA	2.815E-04	U5EXA
3F	C13C2-110X120	1.90	0.427	U2	1.126E-04	U5EYA	2.815E-04	U5EXA
3F	C13C2-110X120	3.80	0.424	U2	1.126E-04	U5EYA	2.815E-04	U5EXA
2F	C13C2-110X120	0.00	0.510	U2	4.037E-04	U7EXA	2.099E-04	U5EYA
2F	C13C2-110X120	1.90	0.508	U2	4.037E-04	U7EXA	2.099E-04	U5EYA
2F	C13C2-110X120	3.80	0.505	U2	4.037E-04	U7EXA	2.099E-04	U5EYA
RF	C15C3-110X120	0.00	0.288	U2	2.689E-03	U5DYB	2.032E-04	U5EXA
RF	C15C3-110X120	2.25	0.356	U2	2.689E-03	U5DYB	2.032E-04	U5EXA
RF	C15C3-110X120	4.50	0.612	U2	2.689E-03	U5DYB	2.032E-04	U5EXA
4F	C15C3-110X120	0.00	0.365	U2	4.556E-04	U5DYA	2.364E-04	U5EXA
4F	C15C3-110X120	1.90	0.359	U2	4.556E-04	U5DYA	2.364E-04	U5EXA
4F	C15C3-110X120	3.80	0.359	U2	4.556E-04	U5DYA	2.364E-04	U5EXA
3F	C15C3-110X120	0.00	0.418	U2	3.518E-04	U5DYA	2.514E-04	U7EXA
3F	C15C3-110X120	1.90	0.411	U2	3.518E-04	U5DYA	2.514E-04	U7EXA
3F	C15C3-110X120	3.80	0.410	U2	3.518E-04	U5DYA	2.514E-04	U7EXA
2F	C15C3-110X120	0.00	0.472	U2	2.949E-04	U5DYA	2.081E-04	U5DXA
2F	C15C3-110X120	1.90	0.467	U2	2.949E-04	U5DYA	2.081E-04	U5DXA
2F	C15C3-110X120	3.80	0.465	U2	2.949E-04	U5DYA	2.081E-04	U5DXA
1F	C15C3-110X120	0.00	0.201	U2	1.134E-04	U5EYA	4.267E-04	U5DXA
1F	C15C3-110X120	1.33	0.199	U2	1.134E-04	U5EYA	4.267E-04	U5DXA
1F	C15C3-110X120	2.65	0.197	U2	1.134E-04	U5EYA	4.267E-04	U5DXA
RF	C16C4-110X120	0.00	0.287	U2	8.368E-04	U7DYB	3.632E-04	U5EYA
RF	C16C4-110X120	2.25	0.284	U2	8.368E-04	U7DYB	3.632E-04	U5EYA
RF	C16C4-110X120	4.50	0.280	U2	8.368E-04	U7DYB	3.632E-04	U5EYA
4F	C16C4-110X120	0.00	0.364	U2	4.261E-04	U7EYA	2.746E-04	U5EYA
4F	C16C4-110X120	1.90	0.361	U2	4.261E-04	U7EYA	2.746E-04	U5EYA
4F	C16C4-110X120	3.80	0.358	U2	4.261E-04	U7EYA	2.746E-04	U5EYA
3F	C16C4-110X120	0.00	0.434	U2	3.838E-04	U5EYA	3.407E-04	U5DXA
3F	C16C4-110X120	1.90	0.432	U2	3.838E-04	U5EYA	3.407E-04	U5DXA
3F	C16C4-110X120	3.80	0.429	U2	3.838E-04	U5EYA	3.407E-04	U5DXA
2F	C16C4-110X120	0.00	0.501	U2	2.933E-04	U5EYA	2.166E-04	U7DXA
2F	C16C4-110X120	1.90	0.498	U2	2.933E-04	U5EYA	2.166E-04	U7DXA
2F	C16C4-110X120	3.80	0.495	U2	2.933E-04	U5EYA	2.166E-04	U7DXA

1F	C16C4-110X120	0.00	0.368	U2	5.709E-04	U5EYA	5.118E-04	U5DXA
1F	C16C4-110X120	1.33	0.365	U2	5.709E-04	U5EYA	5.118E-04	U5DXA
1F	C16C4-110X120	2.65	0.363	U2	5.709E-04	U5EYA	5.118E-04	U5DXA
3F	C17 C5-90X90	0.00	0.356	U2	1.733E-03	U7DYB	1.425E-04	U7DXA
3F	C17 C5-90X90	2.05	0.300	U2	1.733E-03	U7DYB	1.425E-04	U7DXA
3F	C17 C5-90X90	4.10	0.340	U2	1.733E-03	U7DYB	1.425E-04	U7DXA
2F	C17 C5-90X90	0.00	0.525	U2	1.381E-03	U7DYB	2.834E-04	U5DXA
2F	C17 C5-90X90	2.05	0.522	U2	1.381E-03	U7DYB	2.834E-04	U5DXA
2F	C17 C5-90X90	4.10	0.526	U2	1.381E-03	U7DYB	2.834E-04	U5DXA
3F	C18 C5-90X90	0.00	0.307	U2	3.357E-04	U5EYA	2.927E-04	U5DXA
3F	C18 C5-90X90	2.05	0.303	U2	3.357E-04	U5EYA	2.927E-04	U5DXA
3F	C18 C5-90X90	4.10	0.301	U2	3.357E-04	U5EYA	2.927E-04	U5DXA
2F	C18 C5-90X90	0.00	0.488	U2	3.902E-04	U5EYA	3.544E-04	U5DXA
2F	C18 C5-90X90	2.05	0.485	U2	3.902E-04	U5EYA	3.544E-04	U5DXA
2F	C18 C5-90X90	4.10	0.482	U2	3.902E-04	U5EYA	3.544E-04	U5DXA
RF	C19 C6-90X90	0.00	0.080	U5DXA	2.345E-03	U7DYB	3.101E-04	U5DXA
RF	C19 C6-90X90	2.25	0.050	U5DXA	2.345E-03	U7DYB	3.101E-04	U5DXA
RF	C19 C6-90X90	4.50	0.050	U5EYA	2.345E-03	U7DYB	3.101E-04	U5DXA
4F	C19 C6-90X90	0.00	0.104	U2	6.288E-04	U7DYB	8.652E-04	U5DXA
4F	C19 C6-90X90	1.90	0.102	U2	6.288E-04	U7DYB	8.652E-04	U5DXA
4F	C19 C6-90X90	3.80	0.115	U5DXA	6.288E-04	U7DYB	8.652E-04	U5DXA
3F	C19 C6-90X90	0.00	0.165	U2	4.042E-04	U7DYB	7.791E-04	U5DXA
3F	C19 C6-90X90	1.90	0.162	U2	4.042E-04	U7DYB	7.791E-04	U5DXA
3F	C19 C6-90X90	3.80	0.160	U2	4.042E-04	U7DYB	7.791E-04	U5DXA
2F	C19 C6-90X90	0.00	0.240	U2	4.615E-04	U7DYB	2.083E-04	U5DXA
2F	C19 C6-90X90	1.90	0.237	U2	4.615E-04	U7DYB	2.083E-04	U5DXA
2F	C19 C6-90X90	3.80	0.234	U2	4.615E-04	U7DYB	2.083E-04	U5DXA
1F	C19 C6-90X90	0.00	0.267	U2	5.378E-05	U5EXA	3.483E-04	U5EYA
1F	C19 C6-90X90	1.33	0.265	U2	5.378E-05	U5EXA	3.483E-04	U5EYA
1F	C19 C6-90X90	2.65	0.263	U2	5.378E-05	U5EXA	3.483E-04	U5EYA
3F	C20 C7-90X90	0.00	0.136	U5DYB	2.297E-03	U7DYB	4.330E-04	U7DXA
3F	C20 C7-90X90	2.05	0.124	U2	2.297E-03	U7DYB	4.330E-04	U7DXA
3F	C20 C7-90X90	4.10	0.198	U5DYA	2.297E-03	U7DYB	4.330E-04	U7DXA
2F	C20 C7-90X90	0.00	0.273	U2	0.00	U7DYB	0.00	U7DYB
2F	C20 C7-90X90	2.05	0.270	U2	0.00	U7DYB	0.00	U7DYB
2F	C20 C7-90X90	4.10	0.267	U2	0.00	U7DYB	0.00	U7DYB
4F	C20-1 C14-50X50	0.00	0.786	U5DYA	1.847E-03	U5DXA	1.279E-03	U5DYA
4F	C20-1 C14-50X50	1.45	0.217	U5DXA	1.847E-03	U5DXA	1.279E-03	U5DYA
4F	C20-1 C14-50X50	2.90	0.650	U5DYA	1.847E-03	U5DXA	1.279E-03	U5DYA
3F	C21 C7-90X90	0.00	0.353	U2	2.542E-04	U7DYB	1.565E-03	U5DXA
3F	C21 C7-90X90	2.05	0.322	U2	2.542E-04	U7DYB	1.565E-03	U5DXA
3F	C21 C7-90X90	4.10	0.350	U2	2.542E-04	U7DYB	1.565E-03	U5DXA
2F	C21 C7-90X90	0.00	0.506	U2	3.705E-04	U5EYA	1.033E-03	U5EXA
2F	C21 C7-90X90	2.05	0.503	U2	3.705E-04	U5EYA	1.033E-03	U5EXA
2F	C21 C7-90X90	4.10	0.511	U2	3.705E-04	U5EYA	1.033E-03	U5EXA
4F	C21-1 C14-50X50	0.00	0.631	U5DYA	1.616E-03	U5DXA	1.267E-03	U5DYA
4F	C21-1 C14-50X50	1.45	0.207	U5DXA	1.616E-03	U5DXA	1.267E-03	U5DYA
4F	C21-1 C14-50X50	2.90	0.580	U5DYA	1.616E-03	U5DXA	1.267E-03	U5DYA

4F	C22-1 C14-50X50	0.00	0.656	U5DYA	1.521E-03	U7DYB	1.265E-03	U5DYA
4F	C22-1 C14-50X50	1.45	0.162	U5DYA	1.521E-03	U7DYB	1.265E-03	U5DYA
4F	C22-1 C14-50X50	2.90	0.538	U5DYA	1.521E-03	U7DYB	1.265E-03	U5DYA
4F	C23-1 C14-50X50	0.00	0.742	U5DYA	1.828E-03	U5DXA	1.384E-03	U5DYA
4F	C23-1 C14-50X50	1.45	0.197	U5DXA	1.828E-03	U5DXA	1.384E-03	U5DYA
4F	C23-1 C14-50X50	2.90	0.644	U5DYA	1.828E-03	U5DXA	1.384E-03	U5DYA
RF	C24C8-120X120	0.00	0.314	U2	5.302E-03	U7DYB	1.572E-03	U5DXA
RF	C24C8-120X120	2.25	0.311	U2	5.302E-03	U7DYB	1.572E-03	U5DXA
RF	C24C8-120X120	4.50	0.307	U2	5.302E-03	U7DYB	1.572E-03	U5DXA
4F	C24C8-120X120	0.00	0.407	U2	2.359E-03	U7DYB	1.994E-03	U5DXA
4F	C24C8-120X120	1.75	0.404	U2	2.359E-03	U7DYB	1.994E-03	U5DXA
4F	C24C8-120X120	3.50	0.402	U2	2.359E-03	U7DYB	1.994E-03	U5DXA
3F	C24C8-120X120	0.00	0.469	U2	2.574E-03	U7DYB	2.303E-03	U7DXA
3F	C24C8-120X120	1.75	0.465	U2	2.574E-03	U7DYB	2.303E-03	U7DXA
3F	C24C8-120X120	3.50	0.463	U2	2.574E-03	U7DYB	2.303E-03	U7DXA
2F	C24C8-120X120	0.00	0.502	U2	2.555E-03	U7DYB	1.395E-03	U5DXA
2F	C24C8-120X120	1.75	0.498	U2	2.555E-03	U7DYB	1.395E-03	U5DXA
2F	C24C8-120X120	3.50	0.495	U2	2.555E-03	U7DYB	1.395E-03	U5DXA
RF	C25C9-115X115	0.00	0.201	U5DXA	0.00	U7DYB	0.00	U7DYB
RF	C25C9-115X115	2.25	0.210	U5DXA	0.00	U7DYB	0.00	U7DYB
RF	C25C9-115X115	4.50	0.284	U5DXA	0.00	U7DYB	0.00	U7DYB
4F	C25C9-115X115	0.00	0.243	U5DXA	8.953E-05	U7DYB	4.076E-04	U7DXA
4F	C25C9-115X115	2.50	0.216	U5DXA	8.953E-05	U7DYB	4.076E-04	U7DXA
4F	C25C9-115X115	5.00	0.201	U5DXA	8.953E-05	U7DYB	4.076E-04	U7DXA
3F	C25C9-115X115	0.00	0.204	U5DXA	1.477E-04	U7DYB	4.451E-04	U7DXA
3F	C25C9-115X115	2.50	0.210	U5DXA	1.477E-04	U7DYB	4.451E-04	U7DXA
3F	C25C9-115X115	5.00	0.243	U5DXA	1.477E-04	U7DYB	4.451E-04	U7DXA
2F	C25C9-115X115	0.00	0.314	U5DXA	1.212E-05	U7DXA	8.539E-04	U7DXA
2F	C25C9-115X115	2.50	0.226	U5DXA	1.212E-05	U7DXA	8.539E-04	U7DXA
2F	C25C9-115X115	5.00	0.204	U5DXA	2.619E-04	U7DYB	8.539E-04	U7DXA
RF	C26C9-115X115	0.00	0.388	U5DYA	0.00	U7DYB	0.00	U7DYB
RF	C26C9-115X115	2.25	0.173	U1	0.00	U7DYB	0.00	U7DYB
RF	C26C9-115X115	4.50	0.435	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C26C9-115X115	0.00	0.427	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C26C9-115X115	2.50	0.471	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C26C9-115X115	5.00	0.515	U5DYA	0.00	U7DYB	0.00	U7DYB
3F	C26C9-115X115	0.00	0.336	U2	0.00	U7DYB	0.00	U7DYB
3F	C26C9-115X115	2.50	0.331	U2	0.00	U7DYB	0.00	U7DYB
3F	C26C9-115X115	5.00	0.427	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C26C9-115X115	0.00	0.606	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C26C9-115X115	2.50	0.396	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C26C9-115X115	5.00	0.336	U2	0.00	U7DYB	0.00	U7DYB
RF	C27C9-115X115	0.00	0.199	U5DYA	0.00	U7DYB	0.00	U7DYB
RF	C27C9-115X115	2.25	0.189	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C27C9-115X115	4.50	0.238	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C27C9-115X115	0.00	0.262	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C27C9-115X115	2.50	0.228	U5DYA	4.100E-06	U7DXB	1.014E-04	U7DXB
4F	C27C9-115X115	5.00	0.199	U5DYA	1.075E-04	U7DYB	1.014E-04	U7DXB
3F	C27C9-115X115	0.00	0.211	U5DXB	0.00	U7DYB	0.00	U7DYB

3F	C27C9-115X115	2.50	0.208	U5DYA	0.00	U7DYB	0.00	U7DYB
3F	C27C9-115X115	5.00	0.262	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C27C9-115X115	0.00	0.360	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C27C9-115X115	2.50	0.233	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C27C9-115X115	5.00	0.211	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C28C9-115X115	0.00	0.194	U5DYA	0.00	U7DYB	0.00	U7DYB
RF	C28C9-115X115	2.25	0.177	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C28C9-115X115	4.50	0.221	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C28C9-115X115	0.00	0.255	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C28C9-115X115	2.50	0.223	U5DYA	9.944E-05	U7DYB	9.691E-05	U7DXB
4F	C28C9-115X115	5.00	0.194	U5DYA	9.944E-05	U7DYB	9.691E-05	U7DXB
3F	C28C9-115X115	0.00	0.199	U5DXB	0.00	U7DYB	0.00	U7DYB
3F	C28C9-115X115	2.50	0.199	U5DYA	0.00	U7DYB	0.00	U7DYB
3F	C28C9-115X115	5.00	0.255	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C28C9-115X115	0.00	0.355	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C28C9-115X115	2.50	0.226	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C28C9-115X115	5.00	0.199	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C29C9-115X115	0.00	0.195	U5DYA	0.00	U7DYB	0.00	U7DYB
RF	C29C9-115X115	2.25	0.179	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C29C9-115X115	4.50	0.211	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C29C9-115X115	0.00	0.247	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C29C9-115X115	2.50	0.219	U5DYA	1.285E-06	U7DXB	9.445E-05	U7DXB
4F	C29C9-115X115	5.00	0.195	U5DYA	8.929E-05	U7DYB	9.445E-05	U7DXB
3F	C29C9-115X115	0.00	0.201	U5DXB	0.00	U7DYB	0.00	U7DYB
3F	C29C9-115X115	2.50	0.197	U5DYA	0.00	U7DYB	0.00	U7DYB
3F	C29C9-115X115	5.00	0.247	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C29C9-115X115	0.00	0.340	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C29C9-115X115	2.50	0.222	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C29C9-115X115	5.00	0.201	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C30C9-115X115	0.00	0.193	U5DYA	0.00	U7DYB	0.00	U7DYB
RF	C30C9-115X115	2.25	0.179	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C30C9-115X115	4.50	0.212	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C30C9-115X115	0.00	0.245	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C30C9-115X115	2.50	0.218	U5DYA	1.144E-06	U7DXB	9.426E-05	U7DXB
4F	C30C9-115X115	5.00	0.193	U5DYA	9.062E-05	U7DYB	9.426E-05	U7DXB
3F	C30C9-115X115	0.00	0.201	U5DXB	0.00	U7DYB	0.00	U7DYB
3F	C30C9-115X115	2.50	0.197	U5DYA	0.00	U7DYB	0.00	U7DYB
3F	C30C9-115X115	5.00	0.245	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C30C9-115X115	0.00	0.336	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C30C9-115X115	2.50	0.221	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C30C9-115X115	5.00	0.201	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C31C9-115X115	0.00	0.193	U5DYA	0.00	U7DYB	0.00	U7DYB
RF	C31C9-115X115	2.25	0.179	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C31C9-115X115	4.50	0.224	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C31C9-115X115	0.00	0.254	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C31C9-115X115	2.50	0.222	U5DYA	0.00	U7DXB	9.449E-05	U7DXB
4F	C31C9-115X115	5.00	0.193	U5DYA	1.020E-04	U7DYB	9.449E-05	U7DXB
3F	C31C9-115X115	0.00	0.200	U5DXB	0.00	U7DYB	0.00	U7DYB
3F	C31C9-115X115	2.50	0.200	U5DYA	0.00	U7DYB	0.00	U7DYB

3F	C31C9-115X115	5.00	0.254	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C31C9-115X115	0.00	0.352	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C31C9-115X115	2.50	0.225	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C31C9-115X115	5.00	0.200	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C32C9-115X115	0.00	0.193	U5DYA	0.00	U7DYB	0.00	U7DYB
RF	C32C9-115X115	2.25	0.179	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C32C9-115X115	4.50	0.232	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C32C9-115X115	0.00	0.261	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C32C9-115X115	2.50	0.225	U5DYA	1.085E-04	U7DYB	9.468E-05	U7DXB
4F	C32C9-115X115	5.00	0.193	U5DYA	1.085E-04	U7DYB	9.468E-05	U7DXB
3F	C32C9-115X115	0.00	0.200	U5DXB	0.00	U7DYB	0.00	U7DYB
3F	C32C9-115X115	2.50	0.203	U5DYA	0.00	U7DYB	0.00	U7DYB
3F	C32C9-115X115	5.00	0.261	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C32C9-115X115	0.00	0.364	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C32C9-115X115	2.50	0.229	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C32C9-115X115	5.00	0.200	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C33C9-115X115	0.00	0.191	U5DYA	0.00	U7DYB	0.00	U7DYB
RF	C33C9-115X115	2.25	0.179	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C33C9-115X115	4.50	0.225	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C33C9-115X115	0.00	0.255	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C33C9-115X115	2.50	0.221	U5DYA	1.028E-04	U7DYB	9.442E-05	U7DXB
4F	C33C9-115X115	5.00	0.191	U5DYA	1.028E-04	U7DYB	9.442E-05	U7DXB
3F	C33C9-115X115	0.00	0.200	U5DXB	0.00	U7DYB	0.00	U7DYB
3F	C33C9-115X115	2.50	0.200	U5DYA	0.00	U7DYB	0.00	U7DYB
3F	C33C9-115X115	5.00	0.255	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C33C9-115X115	0.00	0.354	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C33C9-115X115	2.50	0.226	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C33C9-115X115	5.00	0.200	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C34C9-115X115	0.00	0.187	U5DYA	0.00	U7DYB	0.00	U7DYB
RF	C34C9-115X115	2.25	0.179	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C34C9-115X115	4.50	0.213	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C34C9-115X115	0.00	0.244	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C34C9-115X115	2.50	0.213	U5DYA	9.207E-05	U7DYB	9.404E-05	U7DXB
4F	C34C9-115X115	5.00	0.187	U5DYA	9.207E-05	U7DYB	9.404E-05	U7DXB
3F	C34C9-115X115	0.00	0.201	U5DXB	0.00	U7DYB	0.00	U7DYB
3F	C34C9-115X115	2.50	0.197	U5DYA	0.00	U7DYB	0.00	U7DYB
3F	C34C9-115X115	5.00	0.244	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C34C9-115X115	0.00	0.332	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C34C9-115X115	2.50	0.218	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C34C9-115X115	5.00	0.201	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C35C9-115X115	0.00	0.170	U5DYA	0.00	U7DYB	0.00	U7DYB
RF	C35C9-115X115	2.25	0.164	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C35C9-115X115	4.50	0.212	U5DXA	0.00	U7DYB	0.00	U7DYB
4F	C35C9-115X115	0.00	0.224	U5DYA	8.799E-05	U7DYB	1.167E-04	U7DXB
4F	C35C9-115X115	2.50	0.195	U5DYA	8.799E-05	U7DYB	1.167E-04	U7DXB
4F	C35C9-115X115	5.00	0.170	U5DYA	8.799E-05	U7DYB	1.167E-04	U7DXB
3F	C35C9-115X115	0.00	0.186	U5DXB	1.971E-06	U7DXB	1.112E-04	U7DXB
3F	C35C9-115X115	2.50	0.181	U5DXB	1.626E-04	U7DYB	1.112E-04	U7DXB
3F	C35C9-115X115	5.00	0.224	U5DYA	1.626E-04	U7DYB	1.112E-04	U7DXB

2F	C35C9-115X115	0.00	0.305	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C35C9-115X115	2.50	0.201	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C35C9-115X115	5.00	0.186	U5DXB	3.313E-06	U7DXB	2.176E-04	U7DXB
RF	C36C10-115X11	0.00	0.187	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C36C10-115X11	2.25	0.189	U5DXA	0.00	U7DYB	0.00	U7DYB
RF	C36C10-115X11	4.50	0.249	U5DXA	0.00	U7DYB	0.00	U7DYB
4F	C36C10-115X11	0.00	0.231	U5DYA	8.556E-05	U7DYB	1.246E-04	U7DXB
4F	C36C10-115X11	2.50	0.204	U5DYA	8.556E-05	U7DYB	1.246E-04	U7DXB
4F	C36C10-115X11	5.00	0.187	U5DXB	8.556E-05	U7DYB	3.537E-04	U7DXA
3F	C36C10-115X11	0.00	0.205	U5DXB	0.00	U7DYB	0.00	U7DYB
3F	C36C10-115X11	2.50	0.200	U5DXB	4.345E-06	U7DXB	1.260E-04	U7DXB
3F	C36C10-115X11	5.00	0.231	U5DYA	1.502E-04	U7DYB	1.260E-04	U7DXB
2F	C36C10-115X11	0.00	0.307	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C36C10-115X11	2.50	0.213	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C36C10-115X11	5.00	0.205	U5DXB	0.00	U7DYB	0.00	U7DYB
RF	C38C11-120X12	0.00	0.373	U5DYA	0.00	U7DYB	0.00	U7DYB
RF	C38C11-120X12	2.10	0.206	U2	0.00	U7DYB	0.00	U7DYB
RF	C38C11-120X12	4.20	0.352	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C38C11-120X12	0.00	0.389	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C38C11-120X12	2.50	0.421	U5DYA	0.00	U7DYB	0.00	U7DYB
4F	C38C11-120X12	5.00	0.455	U5DYA	0.00	U7DYB	0.00	U7DYB
3F	C38C11-120X12	0.00	0.386	U2	0.00	U7DYB	0.00	U7DYB
3F	C38C11-120X12	2.50	0.380	U2	0.00	U7DYB	0.00	U7DYB
3F	C38C11-120X12	5.00	0.389	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C38C11-120X12	0.00	0.493	U5DYA	0.00	U7DYB	0.00	U7DYB
2F	C38C11-120X12	2.50	0.407	U2	0.00	U7DYB	0.00	U7DYB
2F	C38C11-120X12	5.00	0.386	U2	0.00	U7DYB	0.00	U7DYB
1F	C38C11-120X12	0.00	0.248	U2	2.015E-04	U5DYA	2.344E-04	U5DXA
1F	C38C11-120X12	1.33	0.256	U2	2.015E-04	U5DYA	2.344E-04	U5DXA
1F	C38C11-120X12	2.65	0.267	U2	2.015E-04	U5DYA	2.344E-04	U5DXA
RF	C39C12-110X12	0.00	0.136	U5DXA	0.00	U7DYB	0.00	U7DYB
RF	C39C12-110X12	2.10	0.185	U5DXA	0.00	U7DYB	0.00	U7DYB
RF	C39C12-110X12	4.20	0.415	U5DXB	0.00	U7DYB	0.00	U7DYB
4F	C39C12-110X12	0.00	0.129	U2	5.453E-04	U5EYA	1.429E-03	U5DXA
4F	C39C12-110X12	1.90	0.127	U2	5.453E-04	U5EYA	1.429E-03	U5DXA
4F	C39C12-110X12	3.80	0.124	U2	5.453E-04	U5EYA	1.429E-03	U5DXA
3F	C39C12-110X12	0.00	0.197	U2	4.596E-04	U5EYA	1.322E-03	U5DXA
3F	C39C12-110X12	1.90	0.194	U2	4.596E-04	U5EYA	1.322E-03	U5DXA
3F	C39C12-110X12	3.80	0.191	U2	4.596E-04	U5EYA	1.322E-03	U5DXA
2F	C39C12-110X12	0.00	0.265	U2	3.848E-04	U5EYA	2.244E-04	U7DXA
2F	C39C12-110X12	1.90	0.262	U2	3.848E-04	U5EYA	2.244E-04	U7DXA
2F	C39C12-110X12	3.80	0.259	U2	3.848E-04	U5EYA	2.244E-04	U7DXA
1F	C39C12-110X12	0.00	0.322	U2	6.470E-04	U5EYA	1.456E-04	U7DXA
1F	C39C12-110X12	1.33	0.320	U2	6.470E-04	U5EYA	1.456E-04	U7DXA
1F	C39C12-110X12	2.65	0.318	U2	6.470E-04	U5EYA	1.456E-04	U7DXA
3F	C40 C7-90X90	0.00	0.121	U5DXB	3.619E-03	U7DYB	5.537E-04	U5DXA
3F	C40 C7-90X90	2.05	0.099	U2	3.619E-03	U7DYB	5.537E-04	U5DXA
3F	C40 C7-90X90	4.10	0.127	U5DYA	3.619E-03	U7DYB	5.537E-04	U5DXA

2F	C40 C7-90X90	0.00	0.252	U2	0.00	U7DYB	0.00	U7DYB
2F	C40 C7-90X90	2.05	0.249	U2	0.00	U7DYB	0.00	U7DYB
2F	C40 C7-90X90	4.10	0.246	U2	0.00	U7DYB	0.00	U7DYB
3F	C41 C7-90X90	0.00	0.357	U2	5.034E-04	U7DYB	1.538E-03	U5DXB
3F	C41 C7-90X90	2.05	0.315	U2	5.034E-04	U7DYB	1.538E-03	U5DXB
3F	C41 C7-90X90	4.10	0.349	U2	5.034E-04	U7DYB	1.538E-03	U5DXB
2F	C41 C7-90X90	0.00	0.503	U2	3.375E-04	U5EYA	1.163E-03	U5DXA
2F	C41 C7-90X90	2.05	0.500	U2	3.375E-04	U5EYA	1.163E-03	U5DXA
2F	C41 C7-90X90	4.10	0.518	U2	3.375E-04	U5EYA	1.163E-03	U5DXA
RF	C42 C6-90X90	0.00	0.081	U5DXA	2.367E-03	U7DYB	3.138E-04	U5DXA
RF	C42 C6-90X90	2.25	0.053	U5DXA	2.367E-03	U7DYB	3.138E-04	U5DXA
RF	C42 C6-90X90	4.50	0.050	U5DXA	2.367E-03	U7DYB	3.138E-04	U5DXA
4F	C42 C6-90X90	0.00	0.111	U2	6.394E-04	U7DYB	8.784E-04	U5DXA
4F	C42 C6-90X90	1.90	0.109	U2	6.394E-04	U7DYB	8.784E-04	U5DXA
4F	C42 C6-90X90	3.80	0.118	U5DXA	6.394E-04	U7DYB	8.784E-04	U5DXA
3F	C42 C6-90X90	0.00	0.181	U2	3.893E-04	U7DYB	7.734E-04	U5DXA
3F	C42 C6-90X90	1.90	0.178	U2	3.893E-04	U7DYB	7.734E-04	U5DXA
3F	C42 C6-90X90	3.80	0.175	U2	3.893E-04	U7DYB	7.734E-04	U5DXA
2F	C42 C6-90X90	0.00	0.248	U2	4.500E-04	U7DYB	2.424E-04	U5DXA
2F	C42 C6-90X90	1.90	0.245	U2	4.500E-04	U7DYB	2.424E-04	U5DXA
2F	C42 C6-90X90	3.80	0.242	U2	4.500E-04	U7DYB	2.424E-04	U5DXA
1F	C42 C6-90X90	0.00	0.274	U2	6.629E-05	U5EYA	3.300E-04	U5EYA
1F	C42 C6-90X90	1.33	0.272	U2	6.629E-05	U5EYA	3.300E-04	U5EYA
1F	C42 C6-90X90	2.65	0.270	U2	6.629E-05	U5EYA	3.300E-04	U5EYA
3F	C43 C7-90X90	0.00	0.122	U5DXB	3.324E-03	U7DYB	5.944E-04	U5DXA
3F	C43 C7-90X90	2.05	0.097	U2	3.324E-03	U7DYB	5.944E-04	U5DXA
3F	C43 C7-90X90	4.10	0.120	U5DXA	3.324E-03	U7DYB	5.944E-04	U5DXA
2F	C43 C7-90X90	0.00	0.253	U2	0.00	U7DYB	0.00	U7DYB
2F	C43 C7-90X90	2.05	0.250	U2	0.00	U7DYB	0.00	U7DYB
2F	C43 C7-90X90	4.10	0.247	U2	0.00	U7DYB	0.00	U7DYB
3F	C44 C7-90X90	0.00	0.367	U2	5.083E-04	U7DYB	1.694E-03	U5DXB
3F	C44 C7-90X90	2.05	0.315	U2	5.083E-04	U7DYB	1.694E-03	U5DXB
3F	C44 C7-90X90	4.10	0.365	U2	5.083E-04	U7DYB	1.694E-03	U5DXB
2F	C44 C7-90X90	0.00	0.502	U2	3.515E-04	U5EYA	1.187E-03	U5DXA
2F	C44 C7-90X90	2.05	0.499	U2	3.515E-04	U5EYA	1.187E-03	U5DXA
2F	C44 C7-90X90	4.10	0.518	U2	3.515E-04	U5EYA	1.187E-03	U5DXA
RF	C45C1-120X120	0.00	0.263	U2	3.238E-03	U7DYB	2.347E-04	U5EYA
RF	C45C1-120X120	2.25	0.260	U2	3.238E-03	U7DYB	2.347E-04	U5EYA
RF	C45C1-120X120	4.50	0.257	U2	3.238E-03	U7DYB	2.347E-04	U5EYA
4F	C45C1-120X120	0.00	0.316	U2	1.622E-03	U7DYB	3.252E-04	U5EXA
4F	C45C1-120X120	1.75	0.314	U2	1.622E-03	U7DYB	3.252E-04	U5EXA
4F	C45C1-120X120	3.50	0.311	U2	1.622E-03	U7DYB	3.252E-04	U5EXA
3F	C45C1-120X120	0.00	0.390	U2	1.676E-03	U7DYB	3.128E-04	U5EXA
3F	C45C1-120X120	1.75	0.388	U2	1.676E-03	U7DYB	3.128E-04	U5EXA
3F	C45C1-120X120	3.50	0.385	U2	1.676E-03	U7DYB	3.128E-04	U5EXA
2F	C45C1-120X120	0.00	0.491	U2	1.704E-03	U7DYB	4.440E-04	U5DXA
2F	C45C1-120X120	1.75	0.489	U2	1.704E-03	U7DYB	4.440E-04	U5DXA
2F	C45C1-120X120	3.50	0.486	U2	1.704E-03	U7DYB	4.440E-04	U5DXA
RF	C46C2-110X120	0.00	0.284	U2	2.061E-03	U5DYA	1.526E-04	U5EYA

RF	C46C2-110X120	2.25	0.347	U2	2.061E-03	U5DYA	1.526E-04	U5EYA
RF	C46C2-110X120	4.50	0.529	U2	2.061E-03	U5DYA	1.526E-04	U5EYA
4F	C46C2-110X120	0.00	0.362	U2	8.025E-04	U5DYA	2.846E-04	U5EXA
4F	C46C2-110X120	1.90	0.356	U2	8.025E-04	U5DYA	2.846E-04	U5EXA
4F	C46C2-110X120	3.80	0.363	U2	8.025E-04	U5DYA	2.846E-04	U5EXA
3F	C46C2-110X120	0.00	0.429	U2	6.549E-04	U5DYA	3.247E-04	U5EXA
3F	C46C2-110X120	1.90	0.423	U2	6.549E-04	U5DYA	3.247E-04	U5EXA
3F	C46C2-110X120	3.80	0.424	U2	6.549E-04	U5DYA	3.247E-04	U5EXA
2F	C46C2-110X120	0.00	0.478	U2	3.134E-04	U5DYA	3.980E-04	U5EXA
2F	C46C2-110X120	1.90	0.474	U2	3.134E-04	U5DYA	3.980E-04	U5EXA
2F	C46C2-110X120	3.80	0.473	U2	3.134E-04	U5DYA	3.980E-04	U5EXA
RF	C47C2-110X120	0.00	0.279	U2	2.012E-03	U5EYB	1.829E-04	U5EXA
RF	C47C2-110X120	2.25	0.361	U2	2.002E-03	U5EYB	1.829E-04	U5EXA
RF	C47C2-110X120	4.50	0.486	U2	1.993E-03	U5EYB	1.829E-04	U5EXA
4F	C47C2-110X120	0.00	0.367	U2	1.650E-03	U5DYA	2.770E-04	U5EXA
4F	C47C2-110X120	1.90	0.368	U2	1.650E-03	U5DYA	2.770E-04	U5EXA
4F	C47C2-110X120	3.80	0.428	U2	1.650E-03	U5DYA	2.770E-04	U5EXA
3F	C47C2-110X120	0.00	0.422	U2	1.392E-03	U5DYA	3.183E-04	U5EXA
3F	C47C2-110X120	1.90	0.418	U2	1.392E-03	U5DYA	3.183E-04	U5EXA
3F	C47C2-110X120	3.80	0.417	U2	1.392E-03	U5DYA	3.183E-04	U5EXA
2F	C47C2-110X120	0.00	0.483	U2	6.979E-04	U5DYA	3.900E-04	U5EXA
2F	C47C2-110X120	1.90	0.476	U2	6.979E-04	U5DYA	3.900E-04	U5EXA
2F	C47C2-110X120	3.80	0.477	U2	6.979E-04	U5DYA	3.900E-04	U5EXA
RF	C48C2-110X120	0.00	0.282	U2	2.021E-03	U5DYB	2.142E-04	U5EXA
RF	C48C2-110X120	2.25	0.367	U2	2.011E-03	U5DYB	2.142E-04	U5EXA
RF	C48C2-110X120	4.50	0.500	U2	2.002E-03	U5DYB	2.142E-04	U5EXA
4F	C48C2-110X120	0.00	0.352	U2	1.727E-03	U5DYA	3.195E-04	U5EXA
4F	C48C2-110X120	1.90	0.360	U2	1.727E-03	U5DYA	3.195E-04	U5EXA
4F	C48C2-110X120	3.80	0.466	U5DYA	1.727E-03	U5DYA	3.195E-04	U5EXA
3F	C48C2-110X120	0.00	0.414	U2	1.810E-03	U5DYA	3.118E-04	U5EXA
3F	C48C2-110X120	1.90	0.411	U2	1.810E-03	U5DYA	3.118E-04	U5EXA
3F	C48C2-110X120	3.80	0.409	U2	1.810E-03	U5DYA	3.118E-04	U5EXA
2F	C48C2-110X120	0.00	0.480	U2	8.916E-04	U5DYA	3.720E-04	U7EXA
2F	C48C2-110X120	1.90	0.475	U2	8.916E-04	U5DYA	3.720E-04	U7EXA
2F	C48C2-110X120	3.80	0.473	U2	8.916E-04	U5DYA	3.720E-04	U7EXA
RF	C49C2-110X120	0.00	0.279	U2	2.053E-03	U5DYA	2.085E-04	U5EXA
RF	C49C2-110X120	2.25	0.364	U2	2.053E-03	U5DYA	2.085E-04	U5EXA
RF	C49C2-110X120	4.50	0.496	U2	2.053E-03	U5DYA	2.085E-04	U5EXA
4F	C49C2-110X120	0.00	0.346	U2	1.814E-03	U5DYA	3.123E-04	U5EXA
4F	C49C2-110X120	1.90	0.356	U2	1.814E-03	U5DYA	3.123E-04	U5EXA
4F	C49C2-110X120	3.80	0.501	U5DYA	1.814E-03	U5DYA	3.123E-04	U5EXA
3F	C49C2-110X120	0.00	0.410	U2	1.980E-03	U5DYA	3.183E-04	U5EXA
3F	C49C2-110X120	1.90	0.406	U2	1.980E-03	U5DYA	3.183E-04	U5EXA
3F	C49C2-110X120	3.80	0.404	U2	1.980E-03	U5DYA	3.183E-04	U5EXA
2F	C49C2-110X120	0.00	0.477	U2	9.410E-04	U5DYA	3.692E-04	U5EXA
2F	C49C2-110X120	1.90	0.472	U2	9.410E-04	U5DYA	3.692E-04	U5EXA
2F	C49C2-110X120	3.80	0.468	U2	9.410E-04	U5DYA	3.692E-04	U5EXA
RF	C50C2-110X120	0.00	0.277	U2	2.120E-03	U5DYA	2.032E-04	U5EXA
RF	C50C2-110X120	2.25	0.363	U2	2.120E-03	U5DYA	2.032E-04	U5EXA

RF	C50C2-110X120	4.50	0.496	U2	2.120E-03	U5DYA	2.032E-04	U5EXA
4F	C50C2-110X120	0.00	0.344	U2	1.877E-03	U5DYA	3.104E-04	U5EXA
4F	C50C2-110X120	1.90	0.353	U2	1.877E-03	U5DYA	3.104E-04	U5EXA
4F	C50C2-110X120	3.80	0.526	U5DYA	1.877E-03	U5DYA	3.104E-04	U5EXA
3F	C50C2-110X120	0.00	0.407	U2	2.081E-03	U5DYA	3.192E-04	U5EXA
3F	C50C2-110X120	1.90	0.404	U2	2.081E-03	U5DYA	3.192E-04	U5EXA
3F	C50C2-110X120	3.80	0.401	U2	2.081E-03	U5DYA	3.192E-04	U5EXA
2F	C50C2-110X120	0.00	0.474	U2	9.836E-04	U5DYA	3.757E-04	U5EXA
2F	C50C2-110X120	1.90	0.470	U2	9.836E-04	U5DYA	3.757E-04	U5EXA
2F	C50C2-110X120	3.80	0.467	U2	9.836E-04	U5DYA	3.757E-04	U5EXA
RF	C51C2-110X120	0.00	0.276	U2	2.140E-03	U5DYA	1.994E-04	U5EXA
RF	C51C2-110X120	2.25	0.362	U2	2.140E-03	U5DYA	1.994E-04	U5EXA
RF	C51C2-110X120	4.50	0.496	U2	2.140E-03	U5DYA	1.994E-04	U5EXA
4F	C51C2-110X120	0.00	0.342	U2	1.886E-03	U5DYA	3.074E-04	U5EXA
4F	C51C2-110X120	1.90	0.352	U2	1.886E-03	U5DYA	3.074E-04	U5EXA
4F	C51C2-110X120	3.80	0.531	U5DYA	1.886E-03	U5DYA	3.074E-04	U5EXA
3F	C51C2-110X120	0.00	0.406	U2	2.102E-03	U5DYA	3.197E-04	U5EXA
3F	C51C2-110X120	1.90	0.402	U2	2.102E-03	U5DYA	3.197E-04	U5EXA
3F	C51C2-110X120	3.80	0.399	U2	2.102E-03	U5DYA	3.197E-04	U5EXA
2F	C51C2-110X120	0.00	0.474	U2	9.996E-04	U5DYA	3.787E-04	U5EXA
2F	C51C2-110X120	1.90	0.469	U2	9.996E-04	U5DYA	3.787E-04	U5EXA
2F	C51C2-110X120	3.80	0.467	U2	9.996E-04	U5DYA	3.787E-04	U5EXA
RF	C52C2-110X120	0.00	0.276	U2	2.104E-03	U5DYA	1.950E-04	U5EXA
RF	C52C2-110X120	2.25	0.362	U2	2.104E-03	U5DYA	1.950E-04	U5EXA
RF	C52C2-110X120	4.50	0.496	U2	2.104E-03	U5DYA	1.950E-04	U5EXA
4F	C52C2-110X120	0.00	0.342	U2	1.836E-03	U5DYA	3.040E-04	U5EXA
4F	C52C2-110X120	1.90	0.352	U2	1.836E-03	U5DYA	3.040E-04	U5EXA
4F	C52C2-110X120	3.80	0.512	U5DYA	1.836E-03	U5DYA	3.040E-04	U5EXA
3F	C52C2-110X120	0.00	0.405	U2	2.024E-03	U5DYA	3.191E-04	U5EXA
3F	C52C2-110X120	1.90	0.402	U2	2.024E-03	U5DYA	3.191E-04	U5EXA
3F	C52C2-110X120	3.80	0.399	U2	2.024E-03	U5DYA	3.191E-04	U5EXA
2F	C52C2-110X120	0.00	0.474	U2	9.741E-04	U5DYA	3.801E-04	U5EXA
2F	C52C2-110X120	1.90	0.469	U2	9.741E-04	U5DYA	3.801E-04	U5EXA
2F	C52C2-110X120	3.80	0.467	U2	9.741E-04	U5DYA	3.801E-04	U5EXA
RF	C53C2-110X120	0.00	0.276	U2	2.022E-03	U5DYA	1.881E-04	U5EXA
RF	C53C2-110X120	2.25	0.362	U2	2.022E-03	U5DYA	1.881E-04	U5EXA
RF	C53C2-110X120	4.50	0.496	U2	2.022E-03	U5DYA	1.881E-04	U5EXA
4F	C53C2-110X120	0.00	0.343	U2	1.739E-03	U5DYA	2.982E-04	U5EXA
4F	C53C2-110X120	1.90	0.352	U2	1.739E-03	U5DYA	2.982E-04	U5EXA
4F	C53C2-110X120	3.80	0.473	U5DYA	1.739E-03	U5DYA	2.982E-04	U5EXA
3F	C53C2-110X120	0.00	0.406	U2	1.854E-03	U5DYA	3.177E-04	U5EXA
3F	C53C2-110X120	1.90	0.403	U2	1.854E-03	U5DYA	3.177E-04	U5EXA
3F	C53C2-110X120	3.80	0.400	U2	1.854E-03	U5DYA	3.177E-04	U5EXA
2F	C53C2-110X120	0.00	0.475	U2	9.057E-04	U5DYA	3.814E-04	U5EXA
2F	C53C2-110X120	1.90	0.470	U2	9.057E-04	U5DYA	3.814E-04	U5EXA
2F	C53C2-110X120	3.80	0.468	U2	9.057E-04	U5DYA	3.814E-04	U5EXA
RF	C54C2-110X120	0.00	0.276	U2	2.018E-03	U5DXB	1.807E-04	U5EXA
RF	C54C2-110X120	2.25	0.361	U2	2.009E-03	U5DXB	1.807E-04	U5EXA
RF	C54C2-110X120	4.50	0.497	U2	2.000E-03	U5DXB	1.807E-04	U5EXA

4F	C54C2-110X120	0.00	0.345	U2	1.589E-03	U5DYA	2.883E-04	U5EXA
4F	C54C2-110X120	1.90	0.351	U2	1.589E-03	U5DYA	2.883E-04	U5EXA
4F	C54C2-110X120	3.80	0.411	U5DYA	1.589E-03	U5DYA	2.883E-04	U5EXA
3F	C54C2-110X120	0.00	0.408	U2	1.560E-03	U5DYA	3.156E-04	U7EXA
3F	C54C2-110X120	1.90	0.405	U2	1.560E-03	U5DYA	3.156E-04	U7EXA
3F	C54C2-110X120	3.80	0.403	U2	1.560E-03	U5DYA	3.156E-04	U7EXA
2F	C54C2-110X120	0.00	0.478	U2	7.554E-04	U5DYA	3.850E-04	U7EXA
2F	C54C2-110X120	1.90	0.473	U2	7.554E-04	U5DYA	3.850E-04	U7EXA
2F	C54C2-110X120	3.80	0.470	U2	7.554E-04	U5DYA	3.850E-04	U7EXA
RF	C55C2-110X120	0.00	0.278	U2	2.020E-03	U5DXB	1.835E-04	U5EXA
RF	C55C2-110X120	2.25	0.356	U2	2.011E-03	U5DXB	1.835E-04	U5EXA
RF	C55C2-110X120	4.50	0.501	U2	2.002E-03	U5DXB	1.835E-04	U5EXA
4F	C55C2-110X120	0.00	0.350	U2	1.322E-03	U5DYA	2.904E-04	U5EXA
4F	C55C2-110X120	1.90	0.347	U2	1.322E-03	U5DYA	2.904E-04	U5EXA
4F	C55C2-110X120	3.80	0.389	U2	1.322E-03	U5DYA	2.904E-04	U5EXA
3F	C55C2-110X120	0.00	0.414	U2	1.068E-03	U5DYA	3.152E-04	U7EXA
3F	C55C2-110X120	1.90	0.411	U2	1.068E-03	U5DYA	3.152E-04	U7EXA
3F	C55C2-110X120	3.80	0.408	U2	1.068E-03	U5DYA	3.152E-04	U7EXA
2F	C55C2-110X120	0.00	0.484	U2	4.761E-04	U5DYA	3.965E-04	U7EXA
2F	C55C2-110X120	1.90	0.480	U2	4.761E-04	U5DYA	3.965E-04	U7EXA
2F	C55C2-110X120	3.80	0.476	U2	4.761E-04	U5DYA	3.965E-04	U7EXA
RF	C56C2-110X120	0.00	0.278	U2	2.020E-03	U5EYB	1.755E-04	U5EXA
RF	C56C2-110X120	2.25	0.330	U2	2.011E-03	U5EYB	1.755E-04	U5EXA
RF	C56C2-110X120	4.50	0.498	U2	2.002E-03	U5EYB	1.755E-04	U5EXA
4F	C56C2-110X120	0.00	0.361	U2	6.474E-04	U5DYA	3.016E-04	U5EXA
4F	C56C2-110X120	1.90	0.356	U2	6.474E-04	U5DYA	3.016E-04	U5EXA
4F	C56C2-110X120	3.80	0.355	U2	6.474E-04	U5DYA	3.016E-04	U5EXA
3F	C56C2-110X120	0.00	0.431	U2	3.306E-04	U5DYA	3.390E-04	U5EXA
3F	C56C2-110X120	1.90	0.426	U2	3.306E-04	U5DYA	3.390E-04	U5EXA
3F	C56C2-110X120	3.80	0.426	U2	3.306E-04	U5DYA	3.390E-04	U5EXA
2F	C56C2-110X120	0.00	0.498	U2	2.323E-04	U5DYA	4.348E-04	U5EXA
2F	C56C2-110X120	1.90	0.495	U2	2.323E-04	U5DYA	4.348E-04	U5EXA
2F	C56C2-110X120	3.80	0.491	U2	2.323E-04	U5DYA	4.348E-04	U5EXA
RF	C57C2-110X120	0.00	0.285	U2	3.596E-03	U7DYB	2.161E-04	U5EXA
RF	C57C2-110X120	2.25	0.291	U2	3.596E-03	U7DYB	2.161E-04	U5EXA
RF	C57C2-110X120	4.50	0.441	U5DYB	3.596E-03	U7DYB	2.161E-04	U5EXA
4F	C57C2-110X120	0.00	0.357	U2	8.807E-05	U5DYA	3.127E-04	U5EXA
4F	C57C2-110X120	1.90	0.354	U2	8.807E-05	U5DYA	3.127E-04	U5EXA
4F	C57C2-110X120	3.80	0.351	U2	8.807E-05	U5DYA	3.127E-04	U5EXA
3F	C57C2-110X120	0.00	0.449	U2	1.160E-04	U5EYA	3.002E-04	U5EXA
3F	C57C2-110X120	1.90	0.446	U2	1.160E-04	U5EYA	3.002E-04	U5EXA
3F	C57C2-110X120	3.80	0.443	U2	1.160E-04	U5EYA	3.002E-04	U5EXA
2F	C57C2-110X120	0.00	0.526	U2	2.171E-04	U5EYA	4.707E-04	U5DXA
2F	C57C2-110X120	1.90	0.523	U2	2.171E-04	U5EYA	4.707E-04	U5DXA
2F	C57C2-110X120	3.80	0.520	U2	2.171E-04	U5EYA	4.707E-04	U5DXA
RF	C59C3-110X120	0.00	0.284	U2	2.318E-03	U5DYB	2.249E-04	U5EYA
RF	C59C3-110X120	2.25	0.354	U2	2.318E-03	U5DYB	2.249E-04	U5EYA
RF	C59C3-110X120	4.50	0.580	U2	2.318E-03	U5DYB	2.249E-04	U5EYA

4F	C59C3-110X120	0.00	0.350	U2	7.258E-04	U5DYA	2.187E-04	U5EXA
4F	C59C3-110X120	1.90	0.346	U2	7.258E-04	U5DYA	2.187E-04	U5EXA
4F	C59C3-110X120	3.80	0.345	U2	7.258E-04	U5DYA	2.187E-04	U5EXA
3F	C59C3-110X120	0.00	0.389	U2	3.418E-04	U5DYA	2.453E-04	U5EXA
3F	C59C3-110X120	1.90	0.383	U2	3.418E-04	U5DYA	2.453E-04	U5EXA
3F	C59C3-110X120	3.80	0.383	U2	3.418E-04	U5DYA	2.453E-04	U5EXA
2F	C59C3-110X120	0.00	0.596	U2	3.974E-04	U5DYA	3.158E-04	U5DXA
2F	C59C3-110X120	1.90	0.592	U2	3.974E-04	U5DYA	3.158E-04	U5DXA
2F	C59C3-110X120	3.80	0.587	U2	3.974E-04	U5DYA	3.158E-04	U5DXA
1F	C59C3-110X120	0.00	0.283	U2	0.00	U7DYB	0.00	U7DYB
1F	C59C3-110X120	1.33	0.281	U2	0.00	U7DYB	0.00	U7DYB
1F	C59C3-110X120	2.65	0.279	U2	0.00	U7DYB	0.00	U7DYB
RF	C60C4-110X120	0.00	0.284	U2	7.783E-04	U7DYB	3.495E-04	U5EYA
RF	C60C4-110X120	2.25	0.280	U2	7.783E-04	U7DYB	3.495E-04	U5EYA
RF	C60C4-110X120	4.50	0.277	U2	7.783E-04	U7DYB	3.495E-04	U5EYA
4F	C60C4-110X120	0.00	0.355	U2	4.165E-04	U5EYA	2.587E-04	U5EYA
4F	C60C4-110X120	1.90	0.352	U2	4.165E-04	U5EYA	2.587E-04	U5EYA
4F	C60C4-110X120	3.80	0.349	U2	4.165E-04	U5EYA	2.587E-04	U5EYA
3F	C60C4-110X120	0.00	0.415	U2	3.248E-04	U5EYA	3.742E-04	U5DXA
3F	C60C4-110X120	1.90	0.412	U2	3.248E-04	U5EYA	3.742E-04	U5DXA
3F	C60C4-110X120	3.80	0.409	U2	3.248E-04	U5EYA	3.742E-04	U5DXA
2F	C60C4-110X120	0.00	0.574	U2	2.733E-04	U7EYA	2.236E-04	U5DXA
2F	C60C4-110X120	1.90	0.571	U2	2.733E-04	U7EYA	2.236E-04	U5DXA
2F	C60C4-110X120	3.80	0.568	U2	2.733E-04	U7EYA	2.236E-04	U5DXA
1F	C60C4-110X120	0.00	0.481	U2	6.509E-04	U5EYA	7.226E-04	U5DXA
1F	C60C4-110X120	1.33	0.478	U2	6.509E-04	U5EYA	7.226E-04	U5DXA
1F	C60C4-110X120	2.65	0.476	U2	6.509E-04	U5EYA	7.226E-04	U5DXA
3F	C61 C5-90X90	0.00	0.352	U2	1.644E-03	U7DYB	1.403E-04	U5DXA
3F	C61 C5-90X90	2.05	0.312	U2	1.644E-03	U7DYB	1.403E-04	U5DXA
3F	C61 C5-90X90	4.10	0.346	U2	1.644E-03	U7DYB	1.403E-04	U5DXA
2F	C61 C5-90X90	0.00	0.539	U2	1.125E-03	U7DYB	4.028E-04	U5DXA
2F	C61 C5-90X90	2.05	0.536	U2	1.125E-03	U7DYB	4.028E-04	U5DXA
2F	C61 C5-90X90	4.10	0.533	U2	1.125E-03	U7DYB	4.028E-04	U5DXA
3F	C62 C5-90X90	0.00	0.308	U2	3.432E-04	U5EYA	2.695E-04	U5DXA
3F	C62 C5-90X90	2.05	0.305	U2	3.432E-04	U5EYA	2.695E-04	U5DXA
3F	C62 C5-90X90	4.10	0.302	U2	3.432E-04	U5EYA	2.695E-04	U5DXA
2F	C62 C5-90X90	0.00	0.490	U2	3.651E-04	U5EYA	3.950E-04	U5DXA
2F	C62 C5-90X90	2.05	0.486	U2	3.651E-04	U5EYA	3.950E-04	U5DXA
2F	C62 C5-90X90	4.10	0.484	U2	3.651E-04	U5EYA	3.950E-04	U5DXA

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 9:54 PAGE 2

C O N C R E T E C O L U M N J O I N T O U T P U T (ACI 318-08/IBC 2009)

BEAM TO COLUMN CAPACITY RATIOS AND JOINT SHEAR CAPACITY CHECK

STORY ID	COLUMN LINE	SECTION ID	<-(6/5)BEAM-COLUMN CAPACITY RATIOS-> MAJOR	COMBO	MINOR	COMBO	<--JOINT SHEAR CAPACITY RATIOS----> MAJOR	COMBO	MINOR	COMBO
RF	C1C1	120X120	0.467	U7EYA	0.037	U7EYA	0.421	U5EXA	0.032	U5EXA
4F	C1C1	120X120	0.218	U7EYA	0.019	U7EYA	0.226	U5EXA	0.026	U5EXA
3F	C1C1	120X120	0.212	U7EYA	0.018	U7EYA	0.213	U5EXA	0.025	U5EXA

2F	C1C1-120X120	0.218	U7EYA	0.025	U7EYA	0.216	U5EXA	0.033 U5EXA
RF	C2C2-110X120	0.579	U7EYA	0.057	U7EYA	0.376	U5EXA	0.032 U5EXA
4F	C2C2-110X120		0.033	U7EYA		0.030	U5EXA	
3F	C2C2-110X120		0.035	U7EYA		0.031	U5EXA	
2F	C2C2-110X120		0.037	U7EYA		0.033	U5EXA	
RF	C3C2-110X120	0.671	U7EYB	0.047	U7EYB	0.440	U5EXA	0.026 U5EXA
4F	C3C2-110X120		0.026	U7EYB		0.024	U5EXA	
3F	C3C2-110X120		0.031	U7EYA		0.028	U5EXA	
2F	C3C2-110X120		0.034	U7EYA		0.031	U5EXA	
RF	C4C2-110X120	0.582	U7DYB	0.047	U7DYB	0.380	U5EXA	0.026 U5EXA
4F	C4C2-110X120		0.033	U7EYB		0.031	U5EXA	
3F	C4C2-110X120		0.033	U7EYB		0.030	U5EXA	
2F	C4C2-110X120		0.035	U7EYB		0.032	U5EXA	
RF	C5C2-110X120	0.580	U7DYB	0.045	U7DYB	0.378	U5EXA	0.025 U5EXA
4F	C5C2-110X120		0.031	U7DYB		0.029	U5EXA	
3F	C5C2-110X120		0.034	U7DYB		0.031	U5EXA	
2F	C5C2-110X120		0.035	U7EYB		0.032	U5EXA	
RF	C6C2-110X120	0.586	U7DYB	0.044	U7DYB	0.382	U5EXA	0.025 U5EXA
4F	C6C2-110X120		0.032	U7DYB		0.029	U5EXA	
3F	C6C2-110X120		0.034	U7DYB		0.031	U5EXA	
2F	C6C2-110X120		0.035	U7DYB		0.033	U5EXA	
RF	C7C2-110X120	0.590	U7DYB	0.044	U7DYB	0.385	U5EXA	0.025 U5EXA
4F	C7C2-110X120		0.031	U7DYB		0.029	U5EXA	
3F	C7C2-110X120		0.034	U7DYB		0.031	U5EXA	
2F	C7C2-110X120		0.035	U7DYB		0.033	U5EXA	
RF	C8C2-110X120	0.588	U7DYB	0.044	U7DYB	0.384	U5EXA	0.025 U5EXA
4F	C8C2-110X120		0.031	U7DYB		0.029	U5EXA	
3F	C8C2-110X120		0.034	U7DYB		0.031	U5EXA	
2F	C8C2-110X120		0.036	U7DYB		0.033	U5EXA	
RF	C9C2-110X120	0.578	U7DYB	0.043	U7DYB	0.377	U5EXA	0.025 U5EXA
4F	C9C2-110X120		0.031	U7DYB		0.029	U5EXA	
3F	C9C2-110X120		0.034	U7DYB		0.031	U5EXA	
2F	C9C2-110X120		0.036	U7DYB		0.033	U5EXA	
RF	C10C2-110X120	0.558	U7DYB	0.043	U7DYB	0.363	U5EXA	0.025 U5EXA
4F	C10C2-110X120		0.031	U7DXB		0.029	U5EXA	
3F	C10C2-110X120		0.034	U7DXB		0.031	U5EXA	
2F	C10C2-110X120		0.036	U7EYB		0.033	U5EXA	
RF	C11C2-110X120	0.542	U7DYB	0.043	U7DYB	0.353	U5EXA	0.024 U5EXA
4F	C11C2-110X120		0.031	U7EYB		0.028	U5EXA	
3F	C11C2-110X120		0.033	U7EYB		0.031	U5EXA	
2F	C11C2-110X120		0.036	U7EYB		0.033	U5EXA	
RF	C12C2-110X120	0.535	U7EYB	0.045	U7EYB	0.348	U5EXA	0.025 U5EXA
4F	C12C2-110X120		0.028	U7EYB		0.025	U5EXA	
3F	C12C2-110X120		0.033	U7EYB		0.030	U5EXA	
2F	C12C2-110X120		0.036	U7EYB		0.033	U5EXA	
RF	C13C2-110X120	0.631	U7DXB	0.063	U7DXB	0.413	U5EXA	0.036 U5EXA
4F	C13C2-110X120		0.045	U7EYB		0.041	U5EXA	
3F	C13C2-110X120		0.035	U7EYA		0.032	U5EXA	
2F	C13C2-110X120	0.036	U7EYA		0.035	U5EXA		
RF	C15C3-110X120	0.605	U7EYA	0.047	U7EYA	0.444	U5EXA	0.030 U5EXA
4F	C15C3-110X120		0.039	U7EYA		0.039	U5EXA	
3F	C15C3-110X120		0.044	U7EYA		0.044	U5EXA	
2F	C15C3-110X120		0.043	U7EYA		0.043	U5EXA	
1F	C15C3-110X120							
RF	C16C4-110X120	0.192	U7EYA	0.079	U7EYA	0.114	U5EXA	0.042 U5EXA
4F	C16C4-110X120	0.068	U7EYA	0.057	U7EYA	0.065	U5EXA	0.049 U5EXA
3F	C16C4-110X120	0.039	U7EYA	0.068	U7EYA	0.036	U5EXA	0.068 U5EXA
2F	C16C4-110X120	0.040	U7EYA	0.073	U7EYA	0.037	U5EXA	0.081 U5EXA
1F	C16C4-110X120							
3F	C17 C5-90X90	0.424	U7EYA	0.287	U7EYA	0.348	U5EXA	0.244 U5EXA
2F	C17 C5-90X90	0.336	U7EYA	0.159	U7EYA	0.491	U5EXA	0.236 U5EXA
3F	C18 C5-90X90	0.077	U7EYA	0.202	U7EYA	0.061	U5EXA	0.170 U5EXA
2F	C18 C5-90X90	0.055	U7EYA	0.119	U7EYA	0.073	U5EXA	0.171 U5EXA
RF	C19 C6-90X90	0.497	U7EYA		0.300	U5EXA		
4F	C19 C6-90X90	0.124	U7EYA		0.120	U5EXA		

3F	C19 C6-90X90	0.074	U7EYA	0.088	U7EYA	0.071	U5EXA	0.171 U5EXA
2F	C19 C6-90X90	0.084	U7EYA	0.087	U7EYA	0.081	U5EXA	0.171 U5EXA
1F	C19 C6-90X90							
3F	C20 C7-90X90	0.718	U7DYB	0.273	U7DYB	0.565	U7DYA	0.255 U5EXA
2F	C20 C7-90X90	0.507	U7DYB	0.206	U7DYB	0.660	U5EXA	0.343 U5EXA
4F	C20-1 C14-50X50	0.658	U7DYA	0.471	U7DYA	0.780	U5EXA	0.539 U5EXA
3F	C21 C7-90X90	0.083	U7DYA	0.186	U7DYA	0.054	U5EXA	0.165 U5EXA
2F	C21 C7-90X90	0.056	U7DYB	0.127	U7DYB	0.062	U5EXA	0.193 U5EXA
4F	C21-1 C14-50X50	0.612	U7DYA	0.414	U7DYA	0.716	U5EXA	0.467 U5EXA
4F	C22-1 C14-50X50	0.581	U7DYA	0.421	U7DYA	0.674	U5EXA	0.475 U5EXA
4F	C23-1 C14-50X50	0.677	U7DYA	0.457	U7DYA	0.804	U5EXA	0.520 U5EXA
RF	C24C8-120X120	0.689	U7DXA	0.666	U7DXA	0.548	U5EXA	0.549 U5EXA
4F	C24C8-120X120	0.283	U7DXB			0.261	U5EXA	
3F	C24C8-120X120	0.286	U7DXB			0.260	U5EXA	
2F	C24C8-120X120	0.283	U7DXB			0.258	U5EXA	
RF	C25C9-115X115					0.611	U5EXA	0.330 U5EXA
4F	C25C9-115X115							
3F	C25C9-115X115							
2F	C25C9-115X115							
RF	C26C9-115X115					0.699	U5EXA	0.258 U5EXA
4F	C26C9-115X115							
3F	C26C9-115X115							
2F	C26C9-115X115							
RF	C27C9-115X115					0.648	U5EXA	0.362 U5EXA
4F	C27C9-115X115							
3F	C27C9-115X115							
2F	C27C9-115X115							
RF	C28C9-115X115					0.649	U5EXA	0.298 U5EXA
4F	C28C9-115X115							
3F	C28C9-115X115							
2F	C28C9-115X115							
RF	C29C9-115X115					0.641	U5EXA	0.301 U5EXA
4F	C29C9-115X115							
3F	C29C9-115X115							
2F	C29C9-115X115							
RF	C30C9-115X115					0.642	U5EXA	0.301 U5EXA
4F	C30C9-115X115							
3F	C30C9-115X115							
2F	C30C9-115X115							
RF	C31C9-115X115					0.650	U5EXA	0.301 U5EXA
4F	C31C9-115X115							
3F	C31C9-115X115							
2F	C31C9-115X115							
RF	C32C9-115X115					0.655	U5EXA	0.301 U5EXA
4F	C32C9-115X115							
3F	C32C9-115X115							
2F	C32C9-115X115							
RF	C33C9-115X115					0.649	U5EXA	0.300 U5EXA
4F	C33C9-115X115							
3F	C33C9-115X115							
2F	C33C9-115X115							
RF	C34C9-115X115					0.633	U5EXA	0.299 U5EXA
4F	C34C9-115X115							
3F	C34C9-115X115							
2F	C34C9-115X115							
RF	C35C9-115X115					0.583	U5EXA	0.268 U5EXA
4F	C35C9-115X115							
3F	C35C9-115X115							
2F	C35C9-115X115							
RF	C36C10-115X11					0.581	U5EXA	0.350 U5EXA
4F	C36C10-115X11							
3F	C36C10-115X11							
2F	C36C10-115X11							
RF	C38C11-120X12					0.608	U5EXA	0.351 U5EXA
4F	C38C11-120X12							

3F	C38C11-120X12								
2F	C38C11-120X12								
1F	C38C11-120X12								
RF	C39C12-110X12					0.172	U5EXA	0.502	U5EXA
4F	C39C12-110X12	0.085	U7DXB			0.077	U5EXA		
3F	C39C12-110X12	0.046	U7EXB	0.051	U7EXB	0.041	U5EXA	0.084	U5EXA
2F	C39C12-110X12	0.048	U7EXB	0.062	U7EXB	0.044	U5EXA	0.105	U5EXA
1F	C39C12-110X12								
3F	C40 C7-90X90	0.834	U7DYB	0.352	U7DYB	0.587	U5EXA	0.320	U5EXA
2F	C40 C7-90X90	0.520	U7DYB	0.232	U7DYB	0.665	U5EXA	0.381	U5EXA
3F	C41 C7-90X90	0.122	U7DYB	0.231	U7DYB	0.078	U5EXA	0.199	U5EXA
2F	C41 C7-90X90	0.067	U7DYB	0.168	U7DYB	0.074	U5EXA	0.255	U5EXA
RF	C42 C6-90X90	0.502	U7EYA			0.303	U5EXA		
4F	C42 C6-90X90	0.126	U7EYA			0.122	U5EXA		
3F	C42 C6-90X90	0.071	U7EYA	0.085	U7EYA	0.068	U5EXA	0.165	U5EXA
2F	C42 C6-90X90	0.082	U7EYA	0.087	U7EYA	0.079	U5EXA	0.171	U5EXA
1F	C42 C6-90X90								
3F	C43 C7-90X90	0.766	U7DXB	0.347	U7DXB	0.535	U5EXA	0.315	U5EXA
2F	C43 C7-90X90	0.528	U7DXB	0.232	U7DXB	0.675	U5EXA	0.382	U5EXA
3F	C44 C7-90X90	0.123	U7DXB	0.231	U7DXB	0.079	U5EXA	0.199	U5EXA
2F	C44 C7-90X90	0.077	U7EYB	0.154	U7EYB	0.085	U5EXA	0.234	U5EXA
RF	C45C1-120X120	0.467	U7EYA	0.039	U7EYA	0.422	U5EXA	0.034	U5EXA
4F	C45C1-120X120	0.218	U7EYA	0.018	U7EYA	0.226	U5EXA	0.025	U5EXA
3F	C45C1-120X120	0.212	U7EYA	0.018	U7EYA	0.213	U5EXA	0.024	U5EXA
2F	C45C1-120X120	0.218	U7EYA	0.024	U7EYA	0.217	U5EXA	0.033	U5EXA
RF	C46C2-110X120	0.567	U7EYA	0.059	U7EYA	0.368	U5EXA	0.033	U5EXA
4F	C46C2-110X120			0.034	U7EYA			0.031	U5EXA
3F	C46C2-110X120			0.035	U7EYA			0.031	U5EXA
2F	C46C2-110X120			0.037	U7EYA			0.033	U5EXA
RF	C47C2-110X120	0.547	U7EYB	0.047	U7EYB	0.355	U5EXA	0.026	U5EXA
4F	C47C2-110X120			0.028	U7EYB			0.026	U5EXA
3F	C47C2-110X120			0.031	U7EYA			0.028	U5EXA
2F	C47C2-110X120			0.035	U7EYA			0.032	U5EXA
RF	C48C2-110X120	0.569	U7DYB	0.046	U7DYB	0.371	U5EXA	0.026	U5EXA
4F	C48C2-110X120			0.028	U7EYB			0.025	U5EXA
3F	C48C2-110X120			0.033	U7EYB			0.030	U5EXA
2F	C48C2-110X120			0.035	U7EYB			0.032	U5EXA
RF	C49C2-110X120	0.578	U7DYB	0.045	U7DYB	0.377	U5EXA	0.025	U5EXA
4F	C49C2-110X120			0.031	U7DYB			0.029	U5EXA
3F	C49C2-110X120			0.034	U7DYB			0.031	U5EXA
2F	C49C2-110X120			0.035	U7EYB			0.033	U5EXA
RF	C50C2-110X120	0.587	U7DYB	0.044	U7DYB	0.383	U5EXA	0.025	U5EXA
4F	C50C2-110X120			0.032	U7DYB			0.029	U5EXA
3F	C50C2-110X120			0.034	U7DYB			0.031	U5EXA
2F	C50C2-110X120			0.035	U7DYB			0.033	U5EXA
RF	C51C2-110X120	0.591	U7DYB	0.044	U7DYB	0.386	U5EXA	0.025	U5EXA
4F	C51C2-110X120			0.031	U7DYB			0.029	U5EXA
3F	C51C2-110X120			0.034	U7DYB			0.031	U5EXA
2F	C51C2-110X120			0.036	U7DYB			0.033	U5EXA
RF	C52C2-110X120	0.590	U7DYB	0.044	U7DYB	0.385	U5EXA	0.025	U5EXA
4F	C52C2-110X120			0.031	U7DYB			0.029	U5EXA
3F	C52C2-110X120			0.034	U7DYB			0.031	U5EXA
2F	C52C2-110X120			0.036	U7DYB			0.033	U5EXA
RF	C53C2-110X120	0.579	U7DYB	0.043	U7DYB	0.378	U5EXA	0.025	U5EXA
4F	C53C2-110X120			0.031	U7DXB			0.029	U5EXA
3F	C53C2-110X120			0.034	U7DXB			0.031	U5EXA
2F	C53C2-110X120			0.036	U7DXB			0.033	U5EXA
RF	C54C2-110X120	0.560	U7DXB	0.043	U7DXB	0.364	U5EXA	0.024	U5EXA
4F	C54C2-110X120			0.031	U7DXB			0.028	U5EXA
3F	C54C2-110X120			0.034	U7DXB			0.031	U5EXA
2F	C54C2-110X120			0.036	U7DXB			0.033	U5EXA
RF	C55C2-110X120	0.545	U7DXB	0.043	U7DXB	0.354	U5EXA	0.024	U5EXA
4F	C55C2-110X120			0.031	U7DXB			0.028	U5EXA
3F	C55C2-110X120			0.033	U7DXB			0.030	U5EXA
2F	C55C2-110X120			0.036	U7EYB			0.033	U5EXA

RF	C56C2-110X120	0.538	U7EYB	0.055	U7EYB	0.350	U5EXA	0.031 U5EXA
4F	C56C2-110X120		0.030	U7EYB		0.028	U5EXA	
3F	C56C2-110X120		0.033	U7EYB		0.030	U5EXA	
2F	C56C2-110X120		0.037	U7EYB		0.034	U5EXA	
RF	C57C2-110X120	0.628	U7DXB	0.073	U7DXB	0.411	U5EXA	0.041 U5EXA
4F	C57C2-110X120		0.052	U7EYB		0.048	U5EXA	
3F	C57C2-110X120		0.048	U7EYA		0.044	U5EXA	
2F	C57C2-110X120		0.057	U7EYA		0.053	U5EXA	
RF	C59C3-110X120	0.504	U7EYA	0.048	U7EYA	0.366	U5EXA	0.030 U5EXA
4F	C59C3-110X120		0.046	U7EYA		0.047	U5EXA	
3F	C59C3-110X120		0.042	U7EYA		0.042	U5EXA	
2F	C59C3-110X120		0.042	U7EYA		0.042	U5EXA	
1F	C59C3-110X120							
RF	C60C4-110X120	0.178	U7EYA	0.084	U7EYA	0.106	U5EXA	0.045 U5EXA
4F	C60C4-110X120	0.065	U7EYA	0.056	U7EYA	0.062	U5EXA	0.049 U5EXA
3F	C60C4-110X120	0.043	U7EYA	0.067	U7EYA	0.040	U5EXA	0.067 U5EXA
2F	C60C4-110X120	0.044	U7EYA	0.076	U7EYA	0.041	U5EXA	0.082 U5EXA
1F	C60C4-110X120							
3F	C61 C5-90X90	0.402	U7EYA	0.230	U7EYA	0.330	U5EXA	0.195 U5EXA
2F	C61 C5-90X90	0.273	U7EYA	0.107	U7EYA	0.393	U5EXA	0.159 U5EXA
3F	C62 C5-90X90	0.082	U7EYA	0.009	U7EYA	0.065	U5EXA	0.008 U5EXA
2F	C62 C5-90X90	0.020	U7EYA	0.032	U7EYA	0.026	U5EXA	0.045 U5EXA

(2) 樑桿件

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 9:39 PAGE 1

C O N C R E T E B E A M D E S I G N O U T P U T (ACI 318-08/IBC 2009)

FLEXURAL AND TORSION DESIGN OF BEAM-TYPE ELEMENTS

STORY ID	BEAM BAY	SECTION ID	STATION	<----------REQUIRED REINFORCING----------> TOP	COMBO	BOTTOM	COMBO	TORSION	COMBO
RF	B1	RGB90X120	0.60	2.837E-04	U5EYA	4.483E-04	U2	4.788E-03	U7EXA
RF	B1	RGB90X120	1.08	1.424E-04	U5EYA	4.440E-04	U2	4.788E-03	U7EXA
RF	B1	RGB90X120	1.56	1.119E-04	U2	3.933E-04	U2	4.788E-03	U7EXA
RF	B1	RGB90X120	2.04	1.119E-04	U2	2.928E-04	U2	4.788E-03	U7EXA
RF	B1	RGB90X120	2.52	1.119E-04	U2	1.479E-04	U2	4.788E-03	U7EXA
RF	B1	RGB90X120	3.00	1.119E-04	U2	1.119E-04	U2	4.788E-03	U7EXA
RF	B1	RGB90X120	3.00	1.119E-04	U2	1.119E-04	U2	4.802E-03	U7EXA
RF	B1	RGB90X120	3.49	1.119E-04	U2	1.119E-04	U2	4.802E-03	U7EXA
RF	B1	RGB90X120	3.98	1.119E-04	U2	1.550E-04	U5EYA	4.802E-03	U7EXA
RF	B1	RGB90X120	4.47	1.119E-04	U2	2.003E-04	U5EYA	4.802E-03	U7EXA
RF	B1	RGB90X120	4.96	1.595E-04	U2	1.933E-04	U5EYA	4.802E-03	U7EXA
RF	B1	RGB90X120	5.45	3.240E-04	U2	1.619E-04	U2	4.802E-03	U7EXA
RF	B2	RGB90X120	0.55	1.964E-04	U5EXA	1.912E-04	U2	4.930E-03	U7DYA
RF	B2	RGB90X120	1.04	7.673E-05	U2	2.353E-04	U2	4.930E-03	U7DYA
RF	B2	RGB90X120	1.53	7.673E-05	U2	2.319E-04	U2	4.930E-03	U7DYA
RF	B2	RGB90X120	2.02	7.673E-05	U2	1.765E-04	U2	4.930E-03	U7DYA
RF	B2	RGB90X120	2.51	7.673E-05	U2	7.673E-05	U2	4.930E-03	U7DYA
RF	B2	RGB90X120	3.00	8.123E-05	U5EYA	7.673E-05	U2	4.930E-03	U7DYA
RF	B2	RGB90X120	3.00	7.673E-05	U2	7.673E-05	U2	4.930E-03	U7DYA
RF	B2	RGB90X120	3.49	7.673E-05	U2	7.673E-05	U2	4.930E-03	U7DYA
RF	B2	RGB90X120	3.98	7.673E-05	U2	1.012E-04	U5EYA	4.930E-03	U7DYA
RF	B2	RGB90X120	4.47	7.673E-05	U2	1.149E-04	U5EXA	4.930E-03	U7DYA
RF	B2	RGB90X120	4.96	1.569E-04	U2	8.240E-05	U5EXA	4.930E-03	U7DYA
RF	B2	RGB90X120	5.45	3.073E-04	U2	1.535E-04	U2	4.930E-03	U7DYA
RF	B3	RGB90X120	0.55	2.040E-04	U7EXA	1.129E-04	U2	4.930E-03	U5DYA
RF	B3	RGB90X120	1.04	1.035E-04	U7EXA	1.700E-04	U2	4.930E-03	U5DYA
RF	B3	RGB90X120	1.53	7.600E-05	U2	1.796E-04	U2	4.930E-03	U5DYA
RF	B3	RGB90X120	2.02	7.600E-05	U2	1.373E-04	U2	4.930E-03	U5DYA
RF	B3	RGB90X120	2.51	7.600E-05	U2	7.600E-05	U2	4.930E-03	U5DYA
RF	B3	RGB90X120	3.00	8.480E-05	U5EYB	7.600E-05	U2	4.930E-03	U5DYA
RF	B3	RGB90X120	3.00	8.240E-05	U1	7.600E-05	U2	0.0	U7DYB
RF	B3	RGB90X120	3.49	7.600E-05	U2	7.600E-05	U2	0.0	U7DYB
RF	B3	RGB90X120	3.98	7.600E-05	U2	8.335E-05	U5EXA	0.0	U7DYB
RF	B3	RGB90X120	4.47	7.600E-05	U2	9.851E-05	U5EXA	0.0	U7DYB
RF	B3	RGB90X120	4.96	1.585E-04	U2	8.195E-05	U7EXA	0.0	U7DYB
RF	B3	RGB90X120	5.45	3.044E-04	U2	1.521E-04	U2	0.0	U7DYB
RF	B4	RGB90X120	0.55	2.325E-04	U5EXA	1.162E-04	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	1.04	1.112E-04	U7EXA	1.179E-04	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	1.53	6.962E-05	U5EXA	1.394E-04	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	2.02	6.962E-05	U5EXA	1.088E-04	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	2.51	6.962E-05	U5EXA	6.962E-05	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	3.00	8.854E-05	U5EXB	6.962E-05	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	3.00	8.621E-05	U5EXA	6.962E-05	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	3.49	6.962E-05	U5EXA	6.962E-05	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	3.98	6.962E-05	U5EXA	8.598E-05	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	4.47	6.962E-05	U5EXA	1.049E-04	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	4.96	1.395E-04	U5EXA	8.997E-05	U7EXA	0.0	U7DYB
RF	B4	RGB90X120	5.45	2.788E-04	U5EXA	1.393E-04	U5EXA	0.0	U7DYB
RF	B5	RGB90X120	0.55	2.506E-04	U5EXA	1.252E-04	U5EXA	0.0	U7DYB

RF	B5 RGB90X120	1.04	1.181E-04	U5EXA	1.079E-04	U7EXA	0.0	U7DYB
RF	B5 RGB90X120	1.53	6.770E-05	U5EXA	1.290E-04	U5EXA	0.0	U7DYB
RF	B5 RGB90X120	2.02	6.770E-05	U5EXA	1.015E-04	U5EXA	0.0	U7DYB
RF	B5 RGB90X120	2.51	6.770E-05	U5EXA	6.770E-05	U5EXA	0.0	U7DYB
RF	B5 RGB90X120	3.00	8.916E-05	U5EXB	6.770E-05	U5EXA	0.0	U7DYB
RF	B5 RGB90X120	3.00	8.793E-05	U5EXB	6.770E-05	U5EXA	0.0	U7DYB
RF	B5 RGB90X120	3.49	6.770E-05	U5EXA	6.770E-05	U5EXA	0.0	U7DYB
RF	B5 RGB90X120	3.98	6.770E-05	U5EXA	9.125E-05	U5EXA	0.0	U7DYB
RF	B5 RGB90X120	4.47	6.770E-05	U5EXA	1.136E-04	U5EXA	0.0	U7DYB
RF	B5 RGB90X120	4.96	1.339E-04	U5EXA	9.447E-05	U7EXA	0.0	U7DYB
RF	B5 RGB90X120	5.45	2.711E-04	U5EXA	1.354E-04	U5EXA	0.0	U7DYB
RF	B6 RGB90X120	0.55	2.510E-04	U5EXA	1.254E-04	U5EXA	0.0	U7DYB
RF	B6 RGB90X120	1.04	1.182E-04	U5EXA	1.063E-04	U7EXA	0.0	U7DYB
RF	B6 RGB90X120	1.53	6.717E-05	U5EXA	1.286E-04	U5EXA	0.0	U7DYB
RF	B6 RGB90X120	2.02	6.717E-05	U5EXA	1.013E-04	U5EXA	0.0	U7DYB
RF	B6 RGB90X120	2.51	6.717E-05	U5EXA	6.717E-05	U5EXA	0.0	U7DYB
RF	B6 RGB90X120	3.00	8.857E-05	U5EXB	6.717E-05	U5EXA	0.0	U7DYB
RF	B6 RGB90X120	3.00	8.743E-05	U5EXB	6.717E-05	U5EXA	0.0	U7DYB
RF	B6 RGB90X120	3.49	6.717E-05	U5EXA	6.717E-05	U5EXA	0.0	U7DYB
RF	B6 RGB90X120	3.98	6.717E-05	U5EXA	9.356E-05	U5EXA	0.0	U7DYB
RF	B6 RGB90X120	4.47	6.717E-05	U5EXA	1.167E-04	U5EXA	0.0	U7DYB
RF	B6 RGB90X120	4.96	1.322E-04	U5EXA	9.639E-05	U7EXA	0.0	U7DYB
RF	B6 RGB90X120	5.45	2.690E-04	U5EXA	1.344E-04	U5EXA	0.0	U7DYB
RF	B7 RGB90X120	0.55	2.525E-04	U5EXA	1.262E-04	U5EXA	0.0	U7DYB
RF	B7 RGB90X120	1.04	1.193E-04	U5EXA	1.047E-04	U7EXA	0.0	U7DYB
RF	B7 RGB90X120	1.53	6.668E-05	U5EXA	1.268E-04	U5EXA	0.0	U7DYB
RF	B7 RGB90X120	2.02	6.668E-05	U5EXA	1.001E-04	U5EXA	0.0	U7DYB
RF	B7 RGB90X120	2.51	6.668E-05	U5EXA	6.668E-05	U5EXA	0.0	U7DYB
RF	B7 RGB90X120	3.00	8.851E-05	U5EXB	6.668E-05	U5EXA	0.0	U7DYB
RF	B7 RGB90X120	3.00	8.754E-05	U5EXB	6.668E-05	U5EXA	0.0	U7DYB
RF	B7 RGB90X120	3.49	6.668E-05	U5EXA	6.668E-05	U5EXA	0.0	U7DYB
RF	B7 RGB90X120	3.98	6.668E-05	U5EXA	9.448E-05	U5EXA	0.0	U7DYB
RF	B7 RGB90X120	4.47	6.668E-05	U5EXA	1.180E-04	U5EXA	0.0	U7DYB
RF	B7 RGB90X120	4.96	1.307E-04	U5EXA	9.721E-05	U7EXA	0.0	U7DYB
RF	B7 RGB90X120	5.45	2.670E-04	U5EXA	1.334E-04	U5EXA	0.0	U7DYB
RF	B8 RGB90X120	0.55	2.531E-04	U5EXA	1.265E-04	U5EXA	0.0	U7DYB
RF	B8 RGB90X120	1.04	1.197E-04	U5EXA	1.028E-04	U7EXA	0.0	U7DYB
RF	B8 RGB90X120	1.53	6.619E-05	U5EXA	1.251E-04	U5EXA	0.0	U7DYB
RF	B8 RGB90X120	2.02	6.619E-05	U5EXA	9.892E-05	U5EXA	0.0	U7DYB
RF	B8 RGB90X120	2.51	6.619E-05	U5EXA	6.619E-05	U5EXA	0.0	U7DYB
RF	B8 RGB90X120	3.00	8.850E-05	U5EXB	6.619E-05	U5EXA	0.0	U7DYB
RF	B8 RGB90X120	3.00	8.768E-05	U5EXB	6.619E-05	U5EXA	0.0	U7DYB
RF	B8 RGB90X120	3.49	6.619E-05	U5EXA	6.619E-05	U5EXA	0.0	U7DYB
RF	B8 RGB90X120	3.98	6.619E-05	U5EXA	9.479E-05	U5EXA	0.0	U7DYB
RF	B8 RGB90X120	4.47	6.619E-05	U5EXA	1.185E-04	U5EXA	0.0	U7DYB
RF	B8 RGB90X120	4.96	1.292E-04	U5EXA	9.738E-05	U7EXA	0.0	U7DYB
RF	B8 RGB90X120	5.45	2.650E-04	U5EXA	1.324E-04	U5EXA	0.0	U7DYB
RF	B9 RGB90X120	0.55	2.537E-04	U5EXA	1.268E-04	U5EXA	0.0	U7DYB
RF	B9 RGB90X120	1.04	1.203E-04	U5EXA	1.001E-04	U7EXA	0.0	U7DYB
RF	B9 RGB90X120	1.53	6.555E-05	U5EXA	1.224E-04	U5EXA	0.0	U7DYB
RF	B9 RGB90X120	2.02	6.555E-05	U5EXA	9.709E-05	U5EXA	0.0	U7DYB
RF	B9 RGB90X120	2.51	6.555E-05	U5EXA	6.555E-05	U5EXA	0.0	U7DYB
RF	B9 RGB90X120	3.00	8.865E-05	U5EXB	6.555E-05	U5EXA	0.0	U7DYB
RF	B9 RGB90X120	3.00	8.802E-05	U5EXB	6.555E-05	U5EXA	0.0	U7DYB
RF	B9 RGB90X120	3.49	6.555E-05	U5EXA	6.555E-05	U5EXA	0.0	U7DYB
RF	B9 RGB90X120	3.98	6.555E-05	U5EXA	9.459E-05	U5EXA	0.0	U7DYB
RF	B9 RGB90X120	4.47	6.555E-05	U5EXA	1.183E-04	U5EXA	0.0	U7DYB
RF	B9 RGB90X120	4.96	1.272E-04	U5EXA	9.693E-05	U7EXA	0.0	U7DYB
RF	B9 RGB90X120	5.45	2.625E-04	U5EXA	1.311E-04	U5EXA	0.0	U7DYB
RF	B10 RGB90X120	0.55	2.559E-04	U5EXA	1.279E-04	U5EXA	4.930E-03	U7DYA

RF	B10 RGB90X120	1.04	1.221E-04	U5EXA	9.494E-05	U7EXA	4.930E-03	U7DYA
RF	B10 RGB90X120	1.53	6.392E-05	U5EXA	1.172E-04	U5EXA	4.930E-03	U7DYA
RF	B10 RGB90X120	2.02	6.392E-05	U5EXA	9.369E-05	U5EXA	4.930E-03	U7DYA
RF	B10 RGB90X120	2.51	6.392E-05	U5EXA	6.392E-05	U5EXA	4.930E-03	U7DYA
RF	B10 RGB90X120	3.00	8.847E-05	U5EXB	6.392E-05	U5EXA	4.930E-03	U7DYA
RF	B10 RGB90X120	3.00	8.847E-05	U5EXB	6.392E-05	U5EXA	4.930E-03	U7DYA
RF	B10 RGB90X120	3.49	6.392E-05	U5EXA	6.392E-05	U5EXA	4.930E-03	U7DYA
RF	B10 RGB90X120	3.98	6.392E-05	U5EXA	9.499E-05	U5EXA	4.930E-03	U7DYA
RF	B10 RGB90X120	4.47	6.392E-05	U5EXA	1.190E-04	U5EXA	4.930E-03	U7DYA
RF	B10 RGB90X120	4.96	1.215E-04	U5EXA	9.670E-05	U7EXA	4.930E-03	U7DYA
RF	B10 RGB90X120	5.45	2.551E-04	U5EXA	1.275E-04	U5EXA	4.930E-03	U7DYA
RF	B11 RGB90X120	0.55	2.600E-04	U5EXA	1.299E-04	U5EXA	4.930E-03	U7DYA
RF	B11 RGB90X120	1.04	1.245E-04	U5EXA	8.634E-05	U7EXA	4.930E-03	U7DYA
RF	B11 RGB90X120	1.53	6.494E-05	U5EXA	1.098E-04	U5EXA	4.930E-03	U7DYA
RF	B11 RGB90X120	2.02	6.494E-05	U5EXA	9.081E-05	U5EXA	4.930E-03	U7DYA
RF	B11 RGB90X120	2.51	6.494E-05	U5EXA	6.494E-05	U5EXA	4.930E-03	U7DYA
RF	B11 RGB90X120	3.00	8.245E-05	U5EXB	6.494E-05	U5EXA	4.930E-03	U7DYA
RF	B11 RGB90X120	3.00	8.559E-05	U2	6.494E-05	U5EXA	4.930E-03	U7DYA
RF	B11 RGB90X120	3.49	6.494E-05	U5EXA	6.494E-05	U5EXA	4.930E-03	U7DYA
RF	B11 RGB90X120	3.98	6.494E-05	U5EXA	1.046E-04	U5EXA	4.930E-03	U7DYA
RF	B11 RGB90X120	4.47	6.494E-05	U5EXA	1.320E-04	U5EXA	4.930E-03	U7DYA
RF	B11 RGB90X120	4.96	9.327E-05	U7EXA	1.071E-04	U5EXA	4.930E-03	U7DYA
RF	B11 RGB90X120	5.45	2.188E-04	U5EXA	1.093E-04	U5EXA	4.930E-03	U7DYA
RF	B12 RGB90X120	0.55	2.943E-04	U2	1.470E-04	U2	4.930E-03	U7DYB
RF	B12 RGB90X120	1.05	1.689E-04	U2	8.475E-05	U7EXA	4.930E-03	U7DYB
RF	B12 RGB90X120	1.55	9.279E-05	U2	7.398E-05	U7EXA	4.930E-03	U7DYB
RF	B12 RGB90X120	2.05	7.348E-05	U2	7.348E-05	U2	4.930E-03	U7DYB
RF	B12 RGB90X120	2.55	7.897E-05	U2	7.348E-05	U2	4.930E-03	U7DYB
RF	B12 RGB90X120	2.55	8.508E-05	U2	7.348E-05	U2	4.930E-03	U7DYB
RF	B12 RGB90X120	3.05	7.348E-05	U2	7.348E-05	U2	4.930E-03	U7DYB
RF	B12 RGB90X120	3.55	7.348E-05	U2	7.767E-05	U5EXA	4.930E-03	U7DYB
RF	B12 RGB90X120	4.05	1.215E-04	U5EXA	8.383E-05	U7EXA	4.930E-03	U7DYB
RF	B12 RGB90X120	4.55	2.388E-04	U5EXA	1.193E-04	U5EXA	4.930E-03	U7DYB
RF	B13 RGB90X120	0.55	4.455E-04	U2	2.225E-04	U2	4.930E-03	U7DYA
RF	B13 RGB90X120	1.03	2.655E-04	U2	1.112E-04	U2	4.930E-03	U7DYA
RF	B13 RGB90X120	1.52	1.319E-04	U2	1.123E-04	U5EXA	4.930E-03	U7DYA
RF	B13 RGB90X120	2.00	1.112E-04	U2	1.205E-04	U5EXA	4.930E-03	U7DYA
RF	B13 RGB90X120	2.48	1.112E-04	U2	1.112E-04	U2	4.930E-03	U7DYA
RF	B13 RGB90X120	2.97	1.112E-04	U2	1.112E-04	U2	4.930E-03	U7DYA
RF	B13 RGB90X120	3.45	1.451E-04	U1	1.112E-04	U2	4.930E-03	U7DYA
RF	B13 RGB90X120	3.45	1.390E-04	U2	1.112E-04	U2	4.930E-03	U7DYA
RF	B13 RGB90X120	3.93	1.112E-04	U2	1.112E-04	U2	4.930E-03	U7DYA
RF	B13 RGB90X120	4.42	1.112E-04	U2	1.252E-04	U2	4.930E-03	U7DYA
RF	B13 RGB90X120	4.90	1.112E-04	U2	1.931E-04	U2	4.930E-03	U7DYA
RF	B13 RGB90X120	5.38	1.112E-04	U2	2.091E-04	U2	4.930E-03	U7DYA
RF	B13 RGB90X120	5.87	1.903E-04	U5EXA	1.722E-04	U2	4.930E-03	U7DYA
RF	B13 RGB90X120	6.35	3.518E-04	U5EXA	1.757E-04	U5EXA	4.930E-03	U7DYA
RF	B14 RGB90X120	0.55	2.394E-04	U2	1.196E-04	U2	4.930E-03	U7DYB
RF	B14 RGB90X120	1.04	1.346E-04	U2	1.447E-04	U5EYA	4.930E-03	U7DYB
RF	B14 RGB90X120	1.53	1.346E-04	U2	1.824E-04	U5EYA	4.930E-03	U7DYB
RF	B14 RGB90X120	2.02	1.346E-04	U2	1.677E-04	U5EYA	4.930E-03	U7DYB
RF	B14 RGB90X120	2.51	1.346E-04	U2	1.346E-04	U2	4.930E-03	U7DYB
RF	B14 RGB90X120	3.00	1.346E-04	U2	1.346E-04	U2	4.930E-03	U7DYB
RF	B14 RGB90X120	3.00	1.346E-04	U2	1.346E-04	U2	4.930E-03	U7DYB
RF	B14 RGB90X120	3.50	1.346E-04	U2	1.346E-04	U2	4.930E-03	U7DYB
RF	B14 RGB90X120	4.00	1.346E-04	U2	2.106E-04	U2	4.930E-03	U7DYB
RF	B14 RGB90X120	4.50	1.346E-04	U2	2.597E-04	U2	4.930E-03	U7DYB
RF	B14 RGB90X120	5.00	1.346E-04	U2	2.547E-04	U2	4.930E-03	U7DYB
RF	B14 RGB90X120	5.50	1.346E-04	U2	2.007E-04	U2	4.930E-03	U7DYB
RF	B14 RGB90X120	6.00	1.346E-04	U2	1.346E-04	U2	4.930E-03	U7DYB
RF	B14 RGB90X120	6.00	1.346E-04	U2	1.346E-04	U2	4.930E-03	U7DYB

RF	B14	RGB90X120	6.49	1.346E-04	U2	2.813E-04	U2	4.930E-03	U7DYB
RF	B14	RGB90X120	6.98	1.346E-04	U2	4.189E-04	U2	4.930E-03	U7DYB
RF	B14	RGB90X120	7.47	1.346E-04	U2	5.098E-04	U2	4.930E-03	U7DYB
RF	B14	RGB90X120	7.96	1.346E-04	U2	5.486E-04	U2	4.930E-03	U7DYB
RF	B14	RGB90X120	8.45	4.209E-05	U7EYA	5.397E-04	U2	4.930E-03	U7DYB
RF	B17	G90X120	0.60	1.450E-03	U5EYA	7.222E-04	U5EYA	0.0	U7DYB
RF	B17	G90X120	1.08	9.790E-04	U5EYA	4.869E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	1.57	5.580E-04	U5EYA	4.869E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	2.05	4.869E-04	U5EYB	4.869E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	2.54	4.869E-04	U5EYB	4.869E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	3.02	4.869E-04	U5EYB	5.489E-04	U5EYA	0.0	U7DYB
RF	B17	G90X120	3.51	4.869E-04	U5EYB	7.285E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	3.99	4.869E-04	U5EYB	8.709E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	4.47	4.869E-04	U5EYB	9.552E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	4.96	4.869E-04	U5EYB	9.811E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	5.44	4.869E-04	U5EYB	9.503E-04	U5DYB	0.0	U7DYB
RF	B17	G90X120	5.93	4.869E-04	U5EYB	8.695E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	6.41	4.869E-04	U5EYB	7.388E-04	U2	0.0	U7DYB
RF	B17	G90X120	6.89	4.869E-04	U5EYB	5.728E-04	U2	0.0	U7DYB
RF	B17	G90X120	7.38	4.869E-04	U5EYB	4.869E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	7.86	4.869E-04	U5EYB	4.869E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	8.35	5.027E-04	U5EYA	4.869E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	8.83	9.208E-04	U5EYA	4.869E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	9.32	1.402E-03	U5EYB	4.869E-04	U5EYB	0.0	U7DYB
RF	B17	G90X120	9.80	1.964E-03	U5EYB	9.765E-04	U5EYB	0.0	U7DYB
RF	B24	G90X120	0.60	5.844E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B24	G90X120	1.09	4.922E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	1.59	4.056E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	2.08	3.412E-03	U5DYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	2.58	3.332E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	3.07	2.404E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	3.57	1.964E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	4.06	1.964E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	4.56	1.964E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	5.05	1.964E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	5.55	1.964E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	6.04	1.964E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	6.54	1.964E-03	U5EYB	2.278E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	7.03	1.964E-03	U5EYB	2.702E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	7.53	1.964E-03	U5EYB	3.066E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	8.02	1.964E-03	U5EYB	3.369E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	8.52	1.964E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B24	G90X120	9.01	1.964E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B24	G90X120	9.51	1.964E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B24	G90X120	10.00	1.964E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B24	G90X120	10.50	1.964E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B24	G90X120	10.99	1.964E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B24	G90X120	11.49	1.964E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B24	G90X120	11.98	1.964E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B24	G90X120	12.48	1.964E-03	U5EYB	3.296E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	12.97	1.964E-03	U5EYB	2.977E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	13.47	1.964E-03	U5EYB	2.597E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	13.96	1.964E-03	U5EYB	2.157E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	14.46	1.964E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	14.95	1.964E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	15.45	1.964E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	15.94	1.964E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	16.44	1.964E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	16.93	1.964E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	17.43	2.644E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	17.92	3.412E-03	U5DYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	18.42	3.459E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB
RF	B24	G90X120	18.91	4.281E-03	U5EYB	1.964E-03	U5EYB	0.0	U7DYB

RF	B24	G90X120	19.41	5.163E-03	U5EYB	1.964E-03	U5EYB	0.0 U7DYB
RF	B24	G90X120	19.90	6.102E-03	U5EYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	0.00	8.549E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	0.50	7.208E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	1.00	5.939E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	1.50	4.750E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	2.00	3.648E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	2.50	3.093E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	3.00	2.261E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	3.50	1.181E-03	U5DYA	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	4.00	2.044E-04	U5DYA	1.929E-04	U7DYA	0.0 U7DYB
RF	B25	RB90X110	4.50	0.0 U7DYB		1.072E-03	U5DYA	0.0 U7DYB
RF	B25	RB90X110	5.00	0.0 U7DYB		1.897E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	5.50	0.0 U7DYB		2.708E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	6.00	0.0 U7DYB		3.093E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	6.50	0.0 U7DYB		3.093E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	7.00	0.0 U7DYB		3.502E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	7.50	0.0 U7DYB		3.870E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	8.00	0.0 U7DYB		4.174E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	8.50	0.0 U7DYB		4.413E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	9.00	0.0 U7DYB		4.586E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	9.50	0.0 U7DYB		4.694E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	10.00	0.0 U7DYB		4.735E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	10.50	0.0 U7DYB		4.710E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	11.00	0.0 U7DYB		4.618E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	11.50	0.0 U7DYB		4.460E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	12.00	0.0 U7DYB		4.237E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	12.50	0.0 U7DYB		3.949E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	13.00	0.0 U7DYB		3.598E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	13.50	0.0 U7DYB		3.183E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	14.00	0.0 U7DYB		3.093E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	14.50	0.0 U7DYB		2.896E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	15.00	0.0 U7DYB		2.104E-03	U5DYB	0.0 U7DYB
RF	B25	RB90X110	15.50	0.0 U7DYB		1.238E-03	U5DYA	0.0 U7DYB
RF	B25	RB90X110	16.00	0.0 U7DYB		3.725E-04	U5DYA	0.0 U7DYB
RF	B25	RB90X110	16.50	8.501E-04	U5DYA	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	17.00	1.925E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	17.50	3.093E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	18.00	3.353E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	18.50	4.431E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	19.00	5.597E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	19.50	6.855E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	20.00	8.198E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B25	RB90X110	20.50	9.617E-03	U5DYB	0.0 U7DYB		0.0 U7DYB
RF	B26	RGG90X120	0.60	5.982E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	1.10	4.938E-03	U5DYA	2.744E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	1.59	3.958E-03	U5DYA	2.744E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	2.09	3.412E-03	U5DYB	2.744E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	2.58	2.936E-03	U5DYA	2.744E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	3.08	2.744E-03	U5DYB	2.744E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	3.57	2.744E-03	U5DYB	2.744E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	4.07	2.744E-03	U5DYB	2.744E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	4.56	2.744E-03	U5DYB	2.744E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	5.06	2.744E-03	U5DYB	2.744E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	5.56	2.744E-03	U5DYB	3.148E-03	U5DYA	0.0 U7DYB
RF	B26	RGG90X120	6.05	2.744E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	6.55	2.744E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	7.04	2.744E-03	U5DYB	3.465E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	7.54	2.744E-03	U5DYB	3.753E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	8.03	2.744E-03	U5DYB	3.982E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	8.53	2.744E-03	U5DYB	4.153E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	9.02	2.744E-03	U5DYB	4.266E-03	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	9.52	2.744E-03	U5DYB	4.319E-03	U5DYB	0.0 U7DYB

RF	B26 RGG90X120	10.01	2.744E-03	U5DYB	4.314E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	10.51	2.744E-03	U5DYB	4.251E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	11.01	2.744E-03	U5DYB	4.128E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	11.50	2.744E-03	U5DYB	3.947E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	12.00	2.744E-03	U5DYB	3.707E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	12.49	2.744E-03	U5DYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	12.99	2.744E-03	U5DYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	13.48	2.744E-03	U5DYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	13.98	2.744E-03	U5DYB	3.068E-03	U5DYA	0.0	U7DYB
RF	B26 RGG90X120	14.47	2.744E-03	U5DYB	2.744E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	14.97	2.744E-03	U5DYB	2.744E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	15.47	2.744E-03	U5DYB	2.744E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	15.96	2.744E-03	U5DYB	2.744E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	16.46	2.744E-03	U5DYB	2.744E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	16.95	3.172E-03	U5DYA	2.744E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	17.45	3.412E-03	U5DYB	2.744E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	17.94	4.161E-03	U5DYA	2.744E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	18.44	5.156E-03	U5DYA	2.744E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	18.93	6.225E-03	U5DYA	2.744E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	19.43	7.371E-03	U5DYB	2.744E-03	U5DYB	0.0	U7DYB
RF	B26 RGG90X120	19.93	8.658E-03	U5DYB	4.183E-03	U5DYB	0.0	U7DYB

RF	B27 RB90X110	0.00	8.022E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	0.50	6.705E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	1.00	5.494E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	1.50	4.396E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	2.00	3.376E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	2.50	3.093E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	3.00	2.084E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	3.50	1.017E-03	U5DYA	4.478E-04	U7DYA	0.0	U7DYB
RF	B27 RB90X110	4.00	2.059E-04	U7DYA	1.173E-03	U5DYA	0.0	U7DYB
RF	B27 RB90X110	4.50	0.0	U7DYB	2.029E-03	U5DYA	0.0	U7DYB
RF	B27 RB90X110	5.00	0.0	U7DYB	2.815E-03	U5DYA	0.0	U7DYB
RF	B27 RB90X110	5.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	6.00	0.0	U7DYB	3.129E-03	U5DYA	0.0	U7DYB
RF	B27 RB90X110	6.50	0.0	U7DYB	3.563E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	7.00	0.0	U7DYB	3.977E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	7.50	0.0	U7DYB	4.327E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	8.00	0.0	U7DYB	4.613E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	8.50	0.0	U7DYB	4.834E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	9.00	0.0	U7DYB	4.989E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	9.50	0.0	U7DYB	5.078E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	10.00	0.0	U7DYB	5.099E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	10.50	0.0	U7DYB	5.055E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	11.00	0.0	U7DYB	4.943E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	11.50	0.0	U7DYB	4.766E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	12.00	0.0	U7DYB	4.523E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	12.50	0.0	U7DYB	4.216E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	13.00	0.0	U7DYB	3.846E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	13.50	0.0	U7DYB	3.414E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B27 RB90X110	15.00	0.0	U7DYB	2.366E-03	U5DYA	0.0	U7DYB
RF	B27 RB90X110	15.50	0.0	U7DYB	1.555E-03	U5DYA	0.0	U7DYB
RF	B27 RB90X110	16.00	1.171E-04	U7DYA	6.781E-04	U5DYA	0.0	U7DYB
RF	B27 RB90X110	16.50	8.725E-04	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	17.00	1.949E-03	U1	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	17.50	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	18.00	3.337E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	18.50	4.434E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	19.00	5.620E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	19.50	6.899E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	20.00	8.264E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B27 RB90X110	20.50	9.707E-03	U5DYB	0.0	U7DYB	0.0	U7DYB

RF	B28	RGG90X120	0.60	7.003E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B28	RGG90X120	1.10	5.873E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	1.59	4.811E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	2.09	3.820E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	2.58	3.412E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	3.08	2.730E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	3.57	2.624E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	4.07	2.624E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	4.56	2.624E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	5.06	2.624E-03	U5DYA	3.177E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	5.56	2.624E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	6.05	2.624E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B28	RGG90X120	6.55	2.624E-03	U5DYA	3.599E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	7.04	2.624E-03	U5DYA	3.905E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	7.54	2.624E-03	U5DYA	4.160E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	8.03	2.624E-03	U5DYA	4.365E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	8.53	2.624E-03	U5DYA	4.523E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	9.02	2.624E-03	U5DYA	4.659E-03	U5DYB	0.0 U7DYB
RF	B28	RGG90X120	9.52	2.624E-03	U5DYA	4.741E-03	U5DYB	0.0 U7DYB
RF	B28	RGG90X120	10.01	2.624E-03	U5DYA	4.766E-03	U5DYB	0.0 U7DYB
RF	B28	RGG90X120	10.51	2.624E-03	U5DYA	4.734E-03	U5DYB	0.0 U7DYB
RF	B28	RGG90X120	11.01	2.624E-03	U5DYA	4.645E-03	U5DYB	0.0 U7DYB
RF	B28	RGG90X120	11.50	2.624E-03	U5DYA	4.511E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	12.00	2.624E-03	U5DYA	4.350E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	12.49	2.624E-03	U5DYA	4.142E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	12.99	2.624E-03	U5DYA	3.884E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	13.48	2.624E-03	U5DYA	3.576E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	13.98	2.624E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B28	RGG90X120	14.47	2.624E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	14.97	2.624E-03	U5DYA	3.137E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	15.47	2.624E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	15.96	2.624E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	16.46	2.624E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	16.95	2.755E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	17.45	3.412E-03	U7DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	17.94	3.844E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	18.44	4.837E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	18.93	5.903E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	19.43	7.045E-03	U5DYA	2.624E-03	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	19.93	8.258E-03	U5DYA	3.996E-03	U5DYA	0.0 U7DYB

RF	B29	RB90X110	0.00	7.906E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	0.50	6.676E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	1.00	5.509E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	1.50	4.414E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	2.00	3.398E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	2.50	3.093E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	3.00	2.123E-03	U5DYA	3.144E-04	U7DYA	0.0 U7DYB
RF	B29	RB90X110	3.50	1.062E-03	U5DYA	9.037E-04	U7DYA	0.0 U7DYB
RF	B29	RB90X110	4.00	3.447E-04	U7DYA	1.708E-03	U5DYA	0.0 U7DYB
RF	B29	RB90X110	4.50	0.0	U7DYB	2.549E-03	U5DYA	0.0 U7DYB
RF	B29	RB90X110	5.00	0.0	U7DYB	3.093E-03	U5DYA	0.0 U7DYB
RF	B29	RB90X110	5.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	6.00	0.0	U7DYB	3.482E-03	U5DYA	0.0 U7DYB
RF	B29	RB90X110	6.50	0.0	U7DYB	3.894E-03	U5DYA	0.0 U7DYB
RF	B29	RB90X110	7.00	0.0	U7DYB	4.248E-03	U5DYA	0.0 U7DYB
RF	B29	RB90X110	7.50	0.0	U7DYB	4.543E-03	U5DYA	0.0 U7DYB
RF	B29	RB90X110	8.00	0.0	U7DYB	4.789E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	8.50	0.0	U7DYB	4.997E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	9.00	0.0	U7DYB	5.140E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	9.50	0.0	U7DYB	5.215E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	10.00	0.0	U7DYB	5.224E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	10.50	0.0	U7DYB	5.165E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	11.00	0.0	U7DYB	5.040E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	11.50	0.0	U7DYB	4.849E-03	U5DYB	0.0 U7DYB

RF	B29	RB90X110	12.00	0.0	U7DYB	4.592E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	12.50	0.0	U7DYB	4.271E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	13.00	0.0	U7DYB	3.887E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	13.50	0.0	U7DYB	3.440E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B29	RB90X110	15.00	0.0	U7DYB	2.406E-03	U5DYA	0.0 U7DYB
RF	B29	RB90X110	15.50	0.0	U7DYB	1.571E-03	U5DYA	0.0 U7DYB
RF	B29	RB90X110	16.00	2.167E-04	U7DYA	6.718E-04	U5DYA	0.0 U7DYB
RF	B29	RB90X110	16.50	1.003E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	17.00	2.083E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	17.50	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	18.00	3.446E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	18.50	4.556E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	19.00	5.756E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	19.50	7.050E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	20.00	8.431E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	20.50	9.892E-03	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B30	RGG90X120	0.60	6.040E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B30	RGG90X120	1.10	5.004E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	1.59	4.032E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	2.09	3.412E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	2.58	3.056E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	3.08	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	3.57	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	4.07	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	4.56	2.907E-03	U5DYA	3.193E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	5.06	2.907E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	5.56	2.907E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B30	RGG90X120	6.05	2.907E-03	U5DYA	3.655E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	6.55	2.907E-03	U5DYA	3.972E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	7.04	2.907E-03	U5DYA	4.237E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	7.54	2.907E-03	U5DYA	4.449E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	8.03	2.907E-03	U5DYA	4.607E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	8.53	2.907E-03	U5DYA	4.712E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	9.02	2.907E-03	U5DYA	4.764E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	9.52	2.907E-03	U5DYA	4.763E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	10.01	2.907E-03	U5DYA	4.710E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	10.51	2.907E-03	U5DYA	4.605E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	11.01	2.907E-03	U5DYA	4.449E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	11.50	2.907E-03	U5DYA	4.242E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	12.00	2.907E-03	U5DYA	3.985E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	12.49	2.907E-03	U5DYA	3.680E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	12.99	2.907E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B30	RGG90X120	13.48	2.907E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B30	RGG90X120	13.98	2.907E-03	U5DYA	3.300E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	14.47	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	14.97	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	15.47	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	15.96	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	16.46	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	16.95	3.412E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	17.45	3.631E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	17.94	4.593E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	18.44	5.629E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	18.93	6.742E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	19.43	7.934E-03	U5DYA	2.907E-03	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	19.93	9.201E-03	U5DYA	4.434E-03	U5DYA	0.0 U7DYB

RF	B31	RB90X110	0.00	7.713E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	0.50	6.505E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	1.00	5.359E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	1.50	4.283E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	2.00	3.286E-03	U5DYA	0.0	U7DYB	0.0 U7DYB

RF	B31	RB90X110	2.50	3.093E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	3.00	2.020E-03	U5DYA	5.538E-04	U7DYA	0.0 U7DYB
RF	B31	RB90X110	3.50	1.017E-03	U7DYA	1.174E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	4.00	4.113E-04	U7DYA	2.067E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	4.50	0.0	U7DYB	2.892E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	5.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B31	RB90X110	5.50	0.0	U7DYB	3.245E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	6.00	0.0	U7DYB	3.701E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	6.50	0.0	U7DYB	4.099E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	7.00	0.0	U7DYB	4.438E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	7.50	0.0	U7DYB	4.719E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	8.00	0.0	U7DYB	4.939E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	8.50	0.0	U7DYB	5.099E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	9.00	0.0	U7DYB	5.197E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	9.50	0.0	U7DYB	5.241E-03	U5DYB	0.0 U7DYB
RF	B31	RB90X110	10.00	0.0	U7DYB	5.233E-03	U5DYB	0.0 U7DYB
RF	B31	RB90X110	10.50	0.0	U7DYB	5.157E-03	U5DYB	0.0 U7DYB
RF	B31	RB90X110	11.00	0.0	U7DYB	5.015E-03	U5DYB	0.0 U7DYB
RF	B31	RB90X110	11.50	0.0	U7DYB	4.806E-03	U5DYB	0.0 U7DYB
RF	B31	RB90X110	12.00	0.0	U7DYB	4.533E-03	U5DYB	0.0 U7DYB
RF	B31	RB90X110	12.50	0.0	U7DYB	4.194E-03	U5DYB	0.0 U7DYB
RF	B31	RB90X110	13.00	0.0	U7DYB	3.794E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	13.50	0.0	U7DYB	3.355E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B31	RB90X110	14.50	0.0	U7DYB	3.086E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	15.00	0.0	U7DYB	2.288E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	15.50	0.0	U7DYB	1.424E-03	U5DYA	0.0 U7DYB
RF	B31	RB90X110	16.00	4.081E-04	U7DYA	4.953E-04	U5DYA	0.0 U7DYB
RF	B31	RB90X110	16.50	1.391E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	17.00	2.484E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	17.50	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	18.00	3.753E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	18.50	4.883E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	19.00	6.105E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	19.50	7.423E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	20.00	8.830E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	20.50	1.032E-02	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B32	RGG90X120	0.60	6.014E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B32	RGG90X120	1.10	4.986E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	1.59	4.021E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	2.09	3.412E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	2.58	3.060E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	3.08	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	3.57	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	4.07	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	4.56	2.935E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	5.06	2.935E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	5.56	2.935E-03	U5DYA	3.450E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	6.05	2.935E-03	U5DYA	3.816E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	6.55	2.935E-03	U5DYA	4.130E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	7.04	2.935E-03	U5DYA	4.391E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	7.54	2.935E-03	U5DYA	4.599E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	8.03	2.935E-03	U5DYA	4.753E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	8.53	2.935E-03	U5DYA	4.853E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	9.02	2.935E-03	U5DYA	4.899E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	9.52	2.935E-03	U5DYA	4.892E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	10.01	2.935E-03	U5DYA	4.832E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	10.51	2.935E-03	U5DYA	4.719E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	11.01	2.935E-03	U5DYA	4.553E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	11.50	2.935E-03	U5DYA	4.336E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	12.00	2.935E-03	U5DYA	4.069E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	12.49	2.935E-03	U5DYA	3.751E-03	U5DYA	0.0 U7DYB
RF	B32	RGG90X120	12.99	2.935E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B32	RGG90X120	13.48	2.935E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB

RF	B32 RGG90X120	13.98	2.935E-03	U5DYA	3.343E-03	U5DYA	0.0	U7DYB
RF	B32 RGG90X120	14.47	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0	U7DYB
RF	B32 RGG90X120	14.97	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0	U7DYB
RF	B32 RGG90X120	15.47	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0	U7DYB
RF	B32 RGG90X120	15.96	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0	U7DYB
RF	B32 RGG90X120	16.46	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0	U7DYB
RF	B32 RGG90X120	16.95	3.412E-03	U5DYA	2.935E-03	U5DYA	0.0	U7DYB
RF	B32 RGG90X120	17.45	3.717E-03	U5DYA	2.935E-03	U5DYA	0.0	U7DYB
RF	B32 RGG90X120	17.94	4.680E-03	U5DYA	2.935E-03	U5DYA	0.0	U7DYB
RF	B32 RGG90X120	18.44	5.718E-03	U5DYA	2.935E-03	U5DYA	0.0	U7DYB
RF	B32 RGG90X120	18.93	6.832E-03	U5DYA	2.935E-03	U5DYA	0.0	U7DYB
RF	B32 RGG90X120	19.43	8.027E-03	U5DYA	2.935E-03	U5DYA	0.0	U7DYB
RF	B32 RGG90X120	19.93	9.298E-03	U5DYA	4.479E-03	U5DYA	0.0	U7DYB

RF	B33 RB90X110	0.00	7.785E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B33 RB90X110	0.50	6.575E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B33 RB90X110	1.00	5.427E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B33 RB90X110	1.50	4.350E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B33 RB90X110	2.00	3.351E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B33 RB90X110	2.50	3.093E-03	U5DYA	5.490E-05	U7DYA	0.0	U7DYB
RF	B33 RB90X110	3.00	2.104E-03	U5DYA	6.809E-04	U7DYA	0.0	U7DYB
RF	B33 RB90X110	3.50	1.107E-03	U7DYA	1.308E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	4.00	5.003E-04	U7DYA	2.199E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	4.50	0.0	U7DYB	3.023E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	5.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B33 RB90X110	5.50	0.0	U7DYB	3.341E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	6.00	0.0	U7DYB	3.795E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	6.50	0.0	U7DYB	4.191E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	7.00	0.0	U7DYB	4.529E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	7.50	0.0	U7DYB	4.807E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	8.00	0.0	U7DYB	5.025E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	8.50	0.0	U7DYB	5.182E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	9.00	0.0	U7DYB	5.278E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	9.50	0.0	U7DYB	5.312E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	10.00	0.0	U7DYB	5.284E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	10.50	0.0	U7DYB	5.195E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	11.00	0.0	U7DYB	5.044E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	11.50	0.0	U7DYB	4.833E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	12.00	0.0	U7DYB	4.562E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	12.50	0.0	U7DYB	4.232E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	13.00	0.0	U7DYB	3.845E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	13.50	0.0	U7DYB	3.401E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B33 RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	15.00	0.0	U7DYB	2.327E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	15.50	0.0	U7DYB	1.455E-03	U5DYA	0.0	U7DYB
RF	B33 RB90X110	16.00	4.389E-04	U7DYA	5.186E-04	U5DYA	0.0	U7DYB
RF	B33 RB90X110	16.50	1.415E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B33 RB90X110	17.00	2.503E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B33 RB90X110	17.50	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B33 RB90X110	18.00	3.760E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B33 RB90X110	18.50	4.890E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B33 RB90X110	19.00	6.111E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B33 RB90X110	19.50	7.429E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B33 RB90X110	20.00	8.836E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B33 RB90X110	20.50	1.032E-02	U5DYB	0.0	U7DYB	0.0	U7DYB

RF	B34 RGG90X120	0.60	6.080E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	1.10	5.052E-03	U5DYA	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	1.59	4.087E-03	U5DYA	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	2.09	3.412E-03	U7DYA	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	2.58	3.149E-03	U5DYA	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	3.08	2.906E-03	U5DYB	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	3.57	2.906E-03	U5DYB	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	4.07	2.906E-03	U5DYB	2.906E-03	U5DYB	0.0	U7DYB

RF	B34 RGG90X120	4.56	2.906E-03	U5DYB	3.412E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	5.06	2.906E-03	U5DYB	3.412E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	5.56	2.906E-03	U5DYB	3.536E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	6.05	2.906E-03	U5DYB	3.902E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	6.55	2.906E-03	U5DYB	4.215E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	7.04	2.906E-03	U5DYB	4.474E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	7.54	2.906E-03	U5DYB	4.680E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	8.03	2.906E-03	U5DYB	4.832E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	8.53	2.906E-03	U5DYB	4.929E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	9.02	2.906E-03	U5DYB	4.972E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	9.52	2.906E-03	U5DYB	4.960E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	10.01	2.906E-03	U5DYB	4.894E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	10.51	2.906E-03	U5DYB	4.775E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	11.01	2.906E-03	U5DYB	4.603E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	11.50	2.906E-03	U5DYB	4.379E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	12.00	2.906E-03	U5DYB	4.103E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	12.49	2.906E-03	U5DYB	3.776E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	12.99	2.906E-03	U5DYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	13.48	2.906E-03	U5DYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	13.98	2.906E-03	U5DYB	3.338E-03	U5DYA	0.0	U7DYB
RF	B34 RGG90X120	14.47	2.906E-03	U5DYB	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	14.97	2.906E-03	U5DYB	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	15.47	2.906E-03	U5DYB	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	15.96	2.906E-03	U5DYB	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	16.46	2.906E-03	U5DYB	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	16.95	3.412E-03	U5DYA	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	17.45	3.650E-03	U5DYA	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	17.94	4.606E-03	U5DYA	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	18.44	5.636E-03	U5DYA	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	18.93	6.744E-03	U5DYA	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	19.43	7.932E-03	U5DYA	2.906E-03	U5DYB	0.0	U7DYB
RF	B34 RGG90X120	19.93	9.198E-03	U5DYB	4.433E-03	U5DYB	0.0	U7DYB

RF	B35 RB90X110	0.00	7.838E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B35 RB90X110	0.50	6.626E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B35 RB90X110	1.00	5.476E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B35 RB90X110	1.50	4.397E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B35 RB90X110	2.00	3.396E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B35 RB90X110	2.50	3.093E-03	U5DYA	1.213E-04	U7DYA	0.0	U7DYB
RF	B35 RB90X110	3.00	2.159E-03	U5DYA	7.460E-04	U7DYA	0.0	U7DYB
RF	B35 RB90X110	3.50	1.164E-03	U7DYA	1.375E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	4.00	5.553E-04	U7DYA	2.266E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	4.50	0.0	U7DYB	3.088E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	5.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B35 RB90X110	5.50	0.0	U7DYB	3.388E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	6.00	0.0	U7DYB	3.840E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	6.50	0.0	U7DYB	4.235E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	7.00	0.0	U7DYB	4.571E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	7.50	0.0	U7DYB	4.848E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	8.00	0.0	U7DYB	5.064E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	8.50	0.0	U7DYB	5.220E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	9.00	0.0	U7DYB	5.314E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	9.50	0.0	U7DYB	5.346E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	10.00	0.0	U7DYB	5.316E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	10.50	0.0	U7DYB	5.224E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	11.00	0.0	U7DYB	5.071E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	11.50	0.0	U7DYB	4.858E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	12.00	0.0	U7DYB	4.584E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	12.50	0.0	U7DYB	4.252E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	13.00	0.0	U7DYB	3.861E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	13.50	0.0	U7DYB	3.414E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B35 RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	15.00	0.0	U7DYB	2.334E-03	U5DYA	0.0	U7DYB
RF	B35 RB90X110	15.50	0.0	U7DYB	1.458E-03	U5DYA	0.0	U7DYB

RF	B35	RB90X110	16.00	4.370E-04	U7DYA	5.173E-04	U5DYA	0.0	U7DYB
RF	B35	RB90X110	16.50	1.409E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	17.00	2.494E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	17.50	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	18.00	3.757E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	18.50	4.886E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	19.00	6.108E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	19.50	7.425E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	20.00	8.832E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	20.50	1.032E-02	U5DYB	0.0	U7DYB	0.0	U7DYB

RF	B36	RGG90X120	0.60	6.125E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B36	RGG90X120	1.10	5.094E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	1.59	4.126E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	2.09	3.412E-03	U7DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	2.58	3.193E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	3.08	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	3.57	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	4.07	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	4.56	2.907E-03	U5DYA	3.412E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	5.06	2.907E-03	U5DYA	3.412E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	5.56	2.907E-03	U5DYA	3.560E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	6.05	2.907E-03	U5DYA	3.923E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	6.55	2.907E-03	U5DYA	4.234E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	7.04	2.907E-03	U5DYA	4.491E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	7.54	2.907E-03	U5DYA	4.694E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	8.03	2.907E-03	U5DYA	4.843E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	8.53	2.907E-03	U5DYA	4.938E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	9.02	2.907E-03	U5DYA	4.978E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	9.52	2.907E-03	U5DYA	4.964E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	10.01	2.907E-03	U5DYA	4.896E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	10.51	2.907E-03	U5DYA	4.775E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	11.01	2.907E-03	U5DYA	4.601E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	11.50	2.907E-03	U5DYA	4.374E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	12.00	2.907E-03	U5DYA	4.097E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	12.49	2.907E-03	U5DYA	3.769E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	12.99	2.907E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B36	RGG90X120	13.48	2.907E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B36	RGG90X120	13.98	2.907E-03	U5DYA	3.326E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	14.47	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	14.97	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	15.47	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	15.96	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	16.46	2.907E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	16.95	3.412E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	17.45	3.648E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	17.94	4.605E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	18.44	5.638E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	18.93	6.748E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	19.43	7.938E-03	U5DYA	2.907E-03	U5DYA	0.0	U7DYB
RF	B36	RGG90X120	19.93	9.204E-03	U5DYA	4.436E-03	U5DYA	0.0	U7DYB

RF	B37	RB90X110	0.00	7.825E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	0.50	6.613E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	1.00	5.463E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	1.50	4.383E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	2.00	3.382E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	2.50	3.093E-03	U5DYA	1.046E-04	U7DYA	0.0	U7DYB
RF	B37	RB90X110	3.00	2.140E-03	U5DYA	7.285E-04	U7DYA	0.0	U7DYB
RF	B37	RB90X110	3.50	1.145E-03	U7DYA	1.357E-03	U5DYA	0.0	U7DYB
RF	B37	RB90X110	4.00	5.356E-04	U7DYA	2.247E-03	U5DYA	0.0	U7DYB
RF	B37	RB90X110	4.50	0.0	U7DYB	3.068E-03	U5DYA	0.0	U7DYB
RF	B37	RB90X110	5.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B37	RB90X110	5.50	0.0	U7DYB	3.372E-03	U5DYA	0.0	U7DYB
RF	B37	RB90X110	6.00	0.0	U7DYB	3.823E-03	U5DYA	0.0	U7DYB

RF	B37	RB90X110	6.50	0.0	U7DYB	4.218E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	7.00	0.0	U7DYB	4.554E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	7.50	0.0	U7DYB	4.830E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	8.00	0.0	U7DYB	5.046E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	8.50	0.0	U7DYB	5.201E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	9.00	0.0	U7DYB	5.294E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	9.50	0.0	U7DYB	5.326E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	10.00	0.0	U7DYB	5.296E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	10.50	0.0	U7DYB	5.205E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	11.00	0.0	U7DYB	5.052E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	11.50	0.0	U7DYB	4.839E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	12.00	0.0	U7DYB	4.566E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	12.50	0.0	U7DYB	4.234E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	13.00	0.0	U7DYB	3.845E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	13.50	0.0	U7DYB	3.399E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B37	RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	15.00	0.0	U7DYB	2.320E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	15.50	0.0	U7DYB	1.447E-03	U5DYA	0.0 U7DYB
RF	B37	RB90X110	16.00	4.294E-04	U7DYA	5.103E-04	U5DYA	0.0 U7DYB
RF	B37	RB90X110	16.50	1.405E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B37	RB90X110	17.00	2.493E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B37	RB90X110	17.50	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B37	RB90X110	18.00	3.759E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B37	RB90X110	18.50	4.889E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B37	RB90X110	19.00	6.112E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B37	RB90X110	19.50	7.430E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B37	RB90X110	20.00	8.838E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B37	RB90X110	20.50	1.033E-02	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B38	RGG90X120	0.60	6.105E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B38	RGG90X120	1.10	5.071E-03	U5DYA	2.943E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	1.59	4.100E-03	U5DYA	2.943E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	2.09	3.412E-03	U7DYA	2.943E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	2.58	3.151E-03	U5DYA	2.943E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	3.08	2.943E-03	U5DYA	2.943E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	3.57	2.943E-03	U5DYA	2.943E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	4.07	2.943E-03	U5DYA	2.943E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	4.56	2.943E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	5.06	2.943E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	5.56	2.943E-03	U5DYA	3.511E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	6.05	2.943E-03	U5DYA	3.871E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	6.55	2.943E-03	U5DYA	4.180E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	7.04	2.943E-03	U5DYA	4.435E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	7.54	2.943E-03	U5DYA	4.637E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	8.03	2.943E-03	U5DYA	4.785E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	8.53	2.943E-03	U5DYA	4.879E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	9.02	2.943E-03	U5DYA	4.920E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	9.52	2.943E-03	U5DYA	4.907E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	10.01	2.943E-03	U5DYA	4.841E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	10.51	2.943E-03	U5DYA	4.723E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	11.01	2.943E-03	U5DYA	4.552E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	11.50	2.943E-03	U5DYA	4.331E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	12.00	2.943E-03	U5DYA	4.060E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	12.49	2.943E-03	U5DYA	3.740E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	12.99	2.943E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B38	RGG90X120	13.48	2.943E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B38	RGG90X120	13.98	2.943E-03	U5DYA	3.324E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	14.47	2.943E-03	U5DYA	2.943E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	14.97	2.943E-03	U5DYA	2.943E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	15.47	2.943E-03	U5DYA	2.943E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	15.96	2.943E-03	U5DYA	2.943E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	16.46	2.943E-03	U5DYA	2.943E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	16.95	3.412E-03	U5DYA	2.943E-03	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	17.45	3.717E-03	U5DYA	2.943E-03	U5DYA	0.0 U7DYB

RF	B38 RGG90X120	17.94	4.685E-03	U5DYA	2.943E-03	U5DYA	0.0	U7DYB
RF	B38 RGG90X120	18.44	5.728E-03	U5DYA	2.943E-03	U5DYA	0.0	U7DYB
RF	B38 RGG90X120	18.93	6.848E-03	U5DYA	2.943E-03	U5DYA	0.0	U7DYB
RF	B38 RGG90X120	19.43	8.048E-03	U5DYA	2.943E-03	U5DYA	0.0	U7DYB
RF	B38 RGG90X120	19.93	9.325E-03	U5DYA	4.492E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	0.00	7.741E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B39 RB90X110	0.50	6.531E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B39 RB90X110	1.00	5.383E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B39 RB90X110	1.50	4.306E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B39 RB90X110	2.00	3.307E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B39 RB90X110	2.50	3.093E-03	U5DYA	3.941E-06	U7DYA	0.0	U7DYB
RF	B39 RB90X110	3.00	2.045E-03	U5DYA	6.284E-04	U7DYA	0.0	U7DYB
RF	B39 RB90X110	3.50	1.050E-03	U7DYA	1.257E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	4.00	4.429E-04	U7DYA	2.147E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	4.50	0.0	U7DYB	2.968E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	5.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B39 RB90X110	5.50	0.0	U7DYB	3.298E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	6.00	0.0	U7DYB	3.750E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	6.50	0.0	U7DYB	4.146E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	7.00	0.0	U7DYB	4.483E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	7.50	0.0	U7DYB	4.760E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	8.00	0.0	U7DYB	4.978E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	8.50	0.0	U7DYB	5.135E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	9.00	0.0	U7DYB	5.230E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	9.50	0.0	U7DYB	5.264E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	10.00	0.0	U7DYB	5.249E-03	U5DYB	0.0	U7DYB
RF	B39 RB90X110	10.50	0.0	U7DYB	5.172E-03	U5DYB	0.0	U7DYB
RF	B39 RB90X110	11.00	0.0	U7DYB	5.028E-03	U5DYB	0.0	U7DYB
RF	B39 RB90X110	11.50	0.0	U7DYB	4.818E-03	U5DYB	0.0	U7DYB
RF	B39 RB90X110	12.00	0.0	U7DYB	4.543E-03	U5DYB	0.0	U7DYB
RF	B39 RB90X110	12.50	0.0	U7DYB	4.203E-03	U5DYB	0.0	U7DYB
RF	B39 RB90X110	13.00	0.0	U7DYB	3.806E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	13.50	0.0	U7DYB	3.365E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B39 RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	15.00	0.0	U7DYB	2.296E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	15.50	0.0	U7DYB	1.431E-03	U5DYA	0.0	U7DYB
RF	B39 RB90X110	16.00	4.198E-04	U7DYA	5.022E-04	U5DYA	0.0	U7DYB
RF	B39 RB90X110	16.50	1.402E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B39 RB90X110	17.00	2.498E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B39 RB90X110	17.50	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B39 RB90X110	18.00	3.762E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B39 RB90X110	18.50	4.894E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B39 RB90X110	19.00	6.118E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B39 RB90X110	19.50	7.438E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B39 RB90X110	20.00	8.847E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B39 RB90X110	20.50	1.034E-02	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B40 RGG90X120	0.60	5.988E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B40 RGG90X120	1.10	4.956E-03	U5DYA	2.964E-03	U5DYA	0.0	U7DYB
RF	B40 RGG90X120	1.59	3.987E-03	U5DYA	2.964E-03	U5DYA	0.0	U7DYB
RF	B40 RGG90X120	2.09	3.412E-03	U5DYA	2.964E-03	U5DYA	0.0	U7DYB
RF	B40 RGG90X120	2.58	3.004E-03	U5DYA	2.964E-03	U5DYA	0.0	U7DYB
RF	B40 RGG90X120	3.08	2.964E-03	U5DYA	2.964E-03	U5DYA	0.0	U7DYB
RF	B40 RGG90X120	3.57	2.964E-03	U5DYA	2.964E-03	U5DYA	0.0	U7DYB
RF	B40 RGG90X120	4.07	2.964E-03	U5DYA	2.964E-03	U5DYA	0.0	U7DYB
RF	B40 RGG90X120	4.56	2.964E-03	U5DYA	3.349E-03	U5DYA	0.0	U7DYB
RF	B40 RGG90X120	5.06	2.964E-03	U5DYA	3.412E-03	U5DYA	0.0	U7DYB
RF	B40 RGG90X120	5.56	2.964E-03	U5DYA	3.412E-03	U7DYA	0.0	U7DYB
RF	B40 RGG90X120	6.05	2.964E-03	U5DYA	3.751E-03	U5DYA	0.0	U7DYB
RF	B40 RGG90X120	6.55	2.964E-03	U5DYA	4.061E-03	U5DYA	0.0	U7DYB
RF	B40 RGG90X120	7.04	2.964E-03	U5DYA	4.318E-03	U5DYA	0.0	U7DYB
RF	B40 RGG90X120	7.54	2.964E-03	U5DYA	4.523E-03	U5DYA	0.0	U7DYB
RF	B40 RGG90X120	8.03	2.964E-03	U5DYA	4.674E-03	U5DYA	0.0	U7DYB

RF	B40	RGG90X120	8.53	2.964E-03	U5DYA	4.773E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	9.02	2.964E-03	U5DYA	4.819E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	9.52	2.964E-03	U5DYA	4.812E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	10.01	2.964E-03	U5DYA	4.753E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	10.51	2.964E-03	U5DYA	4.643E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	11.01	2.964E-03	U5DYA	4.482E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	11.50	2.964E-03	U5DYA	4.271E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	12.00	2.964E-03	U5DYA	4.011E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	12.49	2.964E-03	U5DYA	3.702E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	12.99	2.964E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B40	RGG90X120	13.48	2.964E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B40	RGG90X120	13.98	2.964E-03	U5DYA	3.318E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	14.47	2.964E-03	U5DYA	2.964E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	14.97	2.964E-03	U5DYA	2.964E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	15.47	2.964E-03	U5DYA	2.964E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	15.96	2.964E-03	U5DYA	2.964E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	16.46	2.964E-03	U5DYA	2.964E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	16.95	3.412E-03	U5DYA	2.964E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	17.45	3.764E-03	U5DYA	2.964E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	17.94	4.737E-03	U5DYA	2.964E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	18.44	5.785E-03	U5DYA	2.964E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	18.93	6.910E-03	U5DYA	2.964E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	19.43	8.115E-03	U5DYA	2.964E-03	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	19.93	9.396E-03	U5DYA	4.524E-03	U5DYA	0.0 U7DYB

RF	B41	RB90X110	0.00	7.599E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B41	RB90X110	0.50	6.395E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B41	RB90X110	1.00	5.252E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B41	RB90X110	1.50	4.180E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B41	RB90X110	2.00	3.186E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B41	RB90X110	2.50	3.023E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B41	RB90X110	3.00	1.895E-03	U5DYA	4.394E-04	U7DYA	0.0 U7DYB
RF	B41	RB90X110	3.50	8.966E-04	U7DYA	1.062E-03	U5DYA	0.0 U7DYB
RF	B41	RB90X110	4.00	2.944E-04	U7DYA	1.956E-03	U5DYA	0.0 U7DYB
RF	B41	RB90X110	4.50	0.0	U7DYB	2.782E-03	U5DYA	0.0 U7DYB
RF	B41	RB90X110	5.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B41	RB90X110	5.50	0.0	U7DYB	3.165E-03	U5DYA	0.0 U7DYB
RF	B41	RB90X110	6.00	0.0	U7DYB	3.621E-03	U5DYA	0.0 U7DYB
RF	B41	RB90X110	6.50	0.0	U7DYB	4.021E-03	U5DYA	0.0 U7DYB
RF	B41	RB90X110	7.00	0.0	U7DYB	4.362E-03	U5DYA	0.0 U7DYB
RF	B41	RB90X110	7.50	0.0	U7DYB	4.645E-03	U5DYA	0.0 U7DYB
RF	B41	RB90X110	8.00	0.0	U7DYB	4.867E-03	U5DYA	0.0 U7DYB
RF	B41	RB90X110	8.50	0.0	U7DYB	5.039E-03	U5DYB	0.0 U7DYB
RF	B41	RB90X110	9.00	0.0	U7DYB	5.165E-03	U5DYB	0.0 U7DYB
RF	B41	RB90X110	9.50	0.0	U7DYB	5.225E-03	U5DYB	0.0 U7DYB
RF	B41	RB90X110	10.00	0.0	U7DYB	5.217E-03	U5DYB	0.0 U7DYB
RF	B41	RB90X110	10.50	0.0	U7DYB	5.142E-03	U5DYB	0.0 U7DYB
RF	B41	RB90X110	11.00	0.0	U7DYB	5.001E-03	U5DYB	0.0 U7DYB
RF	B41	RB90X110	11.50	0.0	U7DYB	4.794E-03	U5DYB	0.0 U7DYB
RF	B41	RB90X110	12.00	0.0	U7DYB	4.521E-03	U5DYB	0.0 U7DYB
RF	B41	RB90X110	12.50	0.0	U7DYB	4.184E-03	U5DYB	0.0 U7DYB
RF	B41	RB90X110	13.00	0.0	U7DYB	3.784E-03	U5DYB	0.0 U7DYB
RF	B41	RB90X110	13.50	0.0	U7DYB	3.323E-03	U5DYB	0.0 U7DYB
RF	B41	RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B41	RB90X110	14.50	0.0	U7DYB	3.057E-03	U5DYA	0.0 U7DYB
RF	B41	RB90X110	15.00	0.0	U7DYB	2.267E-03	U5DYA	0.0 U7DYB
RF	B41	RB90X110	15.50	0.0	U7DYB	1.411E-03	U5DYA	0.0 U7DYB
RF	B41	RB90X110	16.00	3.981E-04	U7DYA	4.894E-04	U5DYA	0.0 U7DYB
RF	B41	RB90X110	16.50	1.383E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B41	RB90X110	17.00	2.483E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B41	RB90X110	17.50	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B41	RB90X110	18.00	3.753E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B41	RB90X110	18.50	4.885E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B41	RB90X110	19.00	6.108E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B41	RB90X110	19.50	7.426E-03	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B41	RB90X110	20.00	8.834E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B41	RB90X110	20.50	1.032E-02	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B42	RGG90X120	0.60	5.779E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B42	RGG90X120	1.10	4.755E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	1.59	3.794E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	2.09	3.412E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	2.58	2.937E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	3.08	2.937E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	3.57	2.937E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	4.07	2.937E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	4.56	2.937E-03	U5DYA	3.034E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	5.06	2.937E-03	U5DYA	3.412E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	5.56	2.937E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B42	RGG90X120	6.05	2.937E-03	U5DYA	3.541E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	6.55	2.937E-03	U5DYA	3.861E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	7.04	2.937E-03	U5DYA	4.129E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	7.54	2.937E-03	U5DYA	4.344E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	8.03	2.937E-03	U5DYA	4.507E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	8.53	2.937E-03	U5DYA	4.618E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	9.02	2.937E-03	U5DYA	4.676E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	9.52	2.937E-03	U5DYA	4.682E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	10.01	2.937E-03	U5DYA	4.636E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	10.51	2.937E-03	U5DYA	4.539E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	11.01	2.937E-03	U5DYA	4.391E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	11.50	2.937E-03	U5DYA	4.193E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	12.00	2.937E-03	U5DYA	3.944E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	12.49	2.937E-03	U5DYA	3.646E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	12.99	2.937E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B42	RGG90X120	13.48	2.937E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B42	RGG90X120	13.98	2.937E-03	U5DYA	3.276E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	14.47	2.937E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	14.97	2.937E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	15.47	2.937E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	15.96	2.937E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	16.46	2.937E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	16.95	3.412E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	17.45	3.711E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	17.94	4.678E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	18.44	5.719E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	18.93	6.836E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	19.43	8.033E-03	U5DYA	2.937E-03	U5DYA	0.0	U7DYB
RF	B42	RGG90X120	19.93	9.304E-03	U5DYA	4.482E-03	U5DYA	0.0	U7DYB
RF	B43	RB90X110	0.00	7.507E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	0.50	6.255E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	1.00	5.118E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	1.50	4.051E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	2.00	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	2.50	2.863E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	3.00	1.741E-03	U5DYA	1.259E-04	U7DYA	0.0	U7DYB
RF	B43	RB90X110	3.50	7.119E-04	U7DYA	7.216E-04	U5DYA	0.0	U7DYB
RF	B43	RB90X110	4.00	1.163E-04	U7DYA	1.625E-03	U5DYA	0.0	U7DYB
RF	B43	RB90X110	4.50	0.0	U7DYB	2.460E-03	U5DYA	0.0	U7DYB
RF	B43	RB90X110	5.00	0.0	U7DYB	3.093E-03	U5DYA	0.0	U7DYB
RF	B43	RB90X110	5.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B43	RB90X110	6.00	0.0	U7DYB	3.405E-03	U5DYA	0.0	U7DYB
RF	B43	RB90X110	6.50	0.0	U7DYB	3.813E-03	U5DYA	0.0	U7DYB
RF	B43	RB90X110	7.00	0.0	U7DYB	4.167E-03	U5DYB	0.0	U7DYB
RF	B43	RB90X110	7.50	0.0	U7DYB	4.495E-03	U5DYB	0.0	U7DYB
RF	B43	RB90X110	8.00	0.0	U7DYB	4.759E-03	U5DYB	0.0	U7DYB
RF	B43	RB90X110	8.50	0.0	U7DYB	4.958E-03	U5DYB	0.0	U7DYB
RF	B43	RB90X110	9.00	0.0	U7DYB	5.090E-03	U5DYB	0.0	U7DYB
RF	B43	RB90X110	9.50	0.0	U7DYB	5.156E-03	U5DYB	0.0	U7DYB
RF	B43	RB90X110	10.00	0.0	U7DYB	5.155E-03	U5DYB	0.0	U7DYB

RF	B43	RB90X110	10.50	0.0	U7DYB	5.087E-03	U5DYB	0.0 U7DYB
RF	B43	RB90X110	11.00	0.0	U7DYB	4.952E-03	U5DYB	0.0 U7DYB
RF	B43	RB90X110	11.50	0.0	U7DYB	4.751E-03	U5DYB	0.0 U7DYB
RF	B43	RB90X110	12.00	0.0	U7DYB	4.485E-03	U5DYB	0.0 U7DYB
RF	B43	RB90X110	12.50	0.0	U7DYB	4.155E-03	U5DYB	0.0 U7DYB
RF	B43	RB90X110	13.00	0.0	U7DYB	3.761E-03	U5DYB	0.0 U7DYB
RF	B43	RB90X110	13.50	0.0	U7DYB	3.305E-03	U5DYB	0.0 U7DYB
RF	B43	RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B43	RB90X110	14.50	0.0	U7DYB	3.013E-03	U5DYA	0.0 U7DYB
RF	B43	RB90X110	15.00	0.0	U7DYB	2.234E-03	U5DYA	0.0 U7DYB
RF	B43	RB90X110	15.50	0.0	U7DYB	1.388E-03	U5DYA	0.0 U7DYB
RF	B43	RB90X110	16.00	3.499E-04	U7DYA	4.761E-04	U5DYA	0.0 U7DYB
RF	B43	RB90X110	16.50	1.324E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B43	RB90X110	17.00	2.421E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B43	RB90X110	17.50	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B43	RB90X110	18.00	3.712E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B43	RB90X110	18.50	4.838E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B43	RB90X110	19.00	6.056E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B43	RB90X110	19.50	7.368E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B43	RB90X110	20.00	8.769E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B43	RB90X110	20.50	1.025E-02	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B44	RGG90X120	0.60	5.611E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	1.10	4.592E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	1.59	3.636E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	2.09	3.412E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	2.58	2.868E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	3.08	2.868E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	3.57	2.868E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	4.07	2.868E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	4.56	2.868E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	5.06	2.868E-03	U5DYA	3.132E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	5.56	2.868E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	6.05	2.868E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	6.55	2.868E-03	U5DYA	3.517E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	7.04	2.868E-03	U5DYA	3.804E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	7.54	2.868E-03	U5DYA	4.041E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	8.03	2.868E-03	U5DYA	4.243E-03	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	8.53	2.868E-03	U5DYA	4.394E-03	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	9.02	2.868E-03	U5DYA	4.487E-03	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	9.52	2.868E-03	U5DYA	4.520E-03	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	10.01	2.868E-03	U5DYA	4.493E-03	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	10.51	2.868E-03	U5DYA	4.407E-03	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	11.01	2.868E-03	U5DYA	4.262E-03	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	11.50	2.868E-03	U5DYA	4.070E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	12.00	2.868E-03	U5DYA	3.840E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	12.49	2.868E-03	U5DYA	3.559E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	12.99	2.868E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	13.48	2.868E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	13.98	2.868E-03	U5DYA	3.212E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	14.47	2.868E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	14.97	2.868E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	15.47	2.868E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	15.96	2.868E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	16.46	2.868E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	16.95	3.412E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	17.45	3.570E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	17.94	4.522E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	18.44	5.545E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	18.93	6.644E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	19.43	7.821E-03	U5DYA	2.868E-03	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	19.93	9.072E-03	U5DYA	4.374E-03	U5DYA	0.0 U7DYB

RF	B45	RB90X110	0.00	7.750E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	0.50	6.455E-03	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B45	RB90X110	1.00	5.229E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	1.50	4.081E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	2.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	2.50	2.827E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	3.00	1.702E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	3.50	6.684E-04	U5DYA	2.309E-04	U7DYA	0.0 U7DYB
RF	B45	RB90X110	4.00	0.0	U7DYB	1.049E-03	U5DYA	0.0 U7DYB
RF	B45	RB90X110	4.50	0.0	U7DYB	1.903E-03	U5DYA	0.0 U7DYB
RF	B45	RB90X110	5.00	0.0	U7DYB	2.688E-03	U5DYA	0.0 U7DYB
RF	B45	RB90X110	5.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	6.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	6.50	0.0	U7DYB	3.547E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	7.00	0.0	U7DYB	3.953E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	7.50	0.0	U7DYB	4.295E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	8.00	0.0	U7DYB	4.573E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	8.50	0.0	U7DYB	4.785E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	9.00	0.0	U7DYB	4.932E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	9.50	0.0	U7DYB	5.013E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	10.00	0.0	U7DYB	5.027E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	10.50	0.0	U7DYB	4.974E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	11.00	0.0	U7DYB	4.854E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	11.50	0.0	U7DYB	4.669E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	12.00	0.0	U7DYB	4.418E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	12.50	0.0	U7DYB	4.103E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	13.00	0.0	U7DYB	3.724E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	13.50	0.0	U7DYB	3.282E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B45	RB90X110	14.50	0.0	U7DYB	2.972E-03	U5DYA	0.0 U7DYB
RF	B45	RB90X110	15.00	0.0	U7DYB	2.215E-03	U5DYA	0.0 U7DYB
RF	B45	RB90X110	15.50	0.0	U7DYB	1.389E-03	U5DYA	0.0 U7DYB
RF	B45	RB90X110	16.00	2.680E-04	U7DYA	4.953E-04	U5DYA	0.0 U7DYB
RF	B45	RB90X110	16.50	1.207E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	17.00	2.291E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	17.50	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	18.00	3.604E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	18.50	4.716E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	19.00	5.918E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	19.50	7.214E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	20.00	8.598E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	20.50	1.006E-02	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B46	RGG90X120	0.60	5.529E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	1.10	4.488E-03	U5DYB	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	1.59	3.544E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	2.09	3.412E-03	U5DYB	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	2.58	2.652E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	3.08	2.652E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	3.57	2.652E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	4.07	2.652E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	4.56	2.652E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	5.06	2.652E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	5.56	2.652E-03	U5DYA	2.844E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	6.05	2.652E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	6.55	2.652E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	7.04	2.652E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	7.54	2.652E-03	U5DYA	3.560E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	8.03	2.652E-03	U5DYA	3.782E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	8.53	2.652E-03	U5DYA	3.950E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	9.02	2.652E-03	U5DYA	4.062E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	9.52	2.652E-03	U5DYA	4.117E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	10.01	2.652E-03	U5DYA	4.116E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	10.51	2.652E-03	U5DYA	4.058E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	11.01	2.652E-03	U5DYA	3.944E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	11.50	2.652E-03	U5DYA	3.772E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	12.00	2.652E-03	U5DYA	3.549E-03	U5DYA	0.0 U7DYB

RF	B46	RGG90X120	12.49	2.652E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	12.99	2.652E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	13.48	2.652E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	13.98	2.652E-03	U5DYA	3.044E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	14.47	2.652E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	14.97	2.652E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	15.47	2.652E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	15.96	2.652E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	16.46	2.652E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	16.95	3.233E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	17.45	3.412E-03	U5DYB	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	17.94	4.129E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	18.44	5.080E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	18.93	6.100E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	19.43	7.192E-03	U5DYA	2.652E-03	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	19.93	8.353E-03	U5DYA	4.040E-03	U5DYA	0.0 U7DYB

RF	B47	RB90X110	0.00	7.205E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	0.50	6.026E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	1.00	4.910E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	1.50	3.866E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	2.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	2.50	2.674E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	3.00	1.595E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	3.50	6.547E-04	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	4.00	0.0	U7DYB	5.512E-04	U5DYA	0.0 U7DYB
RF	B47	RB90X110	4.50	0.0	U7DYB	1.332E-03	U5DYA	0.0 U7DYB
RF	B47	RB90X110	5.00	0.0	U7DYB	2.095E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	5.50	0.0	U7DYB	2.810E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	6.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	7.00	0.0	U7DYB	3.395E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	7.50	0.0	U7DYB	3.712E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	8.00	0.0	U7DYB	3.973E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	8.50	0.0	U7DYB	4.175E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	9.00	0.0	U7DYB	4.318E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	9.50	0.0	U7DYB	4.403E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	10.00	0.0	U7DYB	4.427E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	10.50	0.0	U7DYB	4.392E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	11.00	0.0	U7DYB	4.297E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	11.50	0.0	U7DYB	4.143E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	12.00	0.0	U7DYB	3.930E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	12.50	0.0	U7DYB	3.658E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	13.00	0.0	U7DYB	3.329E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	13.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B47	RB90X110	14.50	0.0	U7DYB	2.691E-03	U5DYA	0.0 U7DYB
RF	B47	RB90X110	15.00	0.0	U7DYB	2.026E-03	U5DYA	0.0 U7DYB
RF	B47	RB90X110	15.50	0.0	U7DYB	1.296E-03	U5DYA	0.0 U7DYB
RF	B47	RB90X110	16.00	2.327E-04	U7DYA	5.043E-04	U5DYA	0.0 U7DYB
RF	B47	RB90X110	16.50	1.060E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	17.00	2.028E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	17.50	3.079E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	18.00	3.183E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	18.50	4.170E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	19.00	5.236E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	19.50	6.384E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	20.00	7.611E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	20.50	8.908E-03	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B48	RGG90X120	0.60	6.573E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	1.10	5.436E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	1.59	4.370E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	2.09	3.412E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	2.58	3.342E-03	U5DYA	2.624E-03	U5DYB	0.0 U7DYB

RF	B48	RGG90X120	3.08	2.624E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	3.57	2.624E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	4.07	2.624E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	4.56	2.624E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	5.06	2.624E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	5.56	2.624E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	6.05	2.624E-03	U5DYB	3.041E-03	U5EYB	0.0 U7DYB
RF	B48	RGG90X120	6.55	2.624E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	7.04	2.624E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	7.54	2.624E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	8.03	2.624E-03	U5DYB	3.663E-03	U5EYB	0.0 U7DYB
RF	B48	RGG90X120	8.53	2.624E-03	U5DYB	3.863E-03	U5EYB	0.0 U7DYB
RF	B48	RGG90X120	9.02	2.624E-03	U5DYB	4.010E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	9.52	2.624E-03	U5DYB	4.098E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	10.01	2.624E-03	U5DYB	4.126E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	10.51	2.624E-03	U5DYB	4.095E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	11.01	2.624E-03	U5DYB	4.004E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	11.50	2.624E-03	U5DYB	3.853E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	12.00	2.624E-03	U5DYB	3.644E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	12.49	2.624E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	12.99	2.624E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	13.48	2.624E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	13.98	2.624E-03	U5DYB	3.166E-03	U5DYA	0.0 U7DYB
RF	B48	RGG90X120	14.47	2.624E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	14.97	2.624E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	15.47	2.624E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	15.96	2.624E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	16.46	2.624E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	16.95	2.961E-03	U5DYA	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	17.45	3.412E-03	U5DYB	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	17.94	3.939E-03	U5DYA	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	18.44	4.901E-03	U5DYA	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	18.93	5.934E-03	U5DYA	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	19.43	7.041E-03	U5DYA	2.624E-03	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	19.93	8.258E-03	U5DYB	3.996E-03	U5DYB	0.0 U7DYB

RF	B49	RB90X110	0.00	9.349E-03	U5EYB	0.0	U7DYB	0.0 U7DYB
RF	B49	RB90X110	0.50	7.869E-03	U5EYB	0.0	U7DYB	0.0 U7DYB
RF	B49	RB90X110	1.00	6.468E-03	U5EYB	0.0	U7DYB	0.0 U7DYB
RF	B49	RB90X110	1.50	5.155E-03	U5EYB	0.0	U7DYB	0.0 U7DYB
RF	B49	RB90X110	2.00	3.936E-03	U5EYB	0.0	U7DYB	0.0 U7DYB
RF	B49	RB90X110	2.50	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B49	RB90X110	3.00	2.374E-03	U5EYB	0.0	U7DYB	0.0 U7DYB
RF	B49	RB90X110	3.50	1.132E-03	U5EYA	0.0	U7DYB	0.0 U7DYB
RF	B49	RB90X110	4.00	7.242E-05	U5EYA	2.273E-04	U7EYA	0.0 U7DYB
RF	B49	RB90X110	4.50	0.0	U7DYB	1.210E-03	U2	0.0 U7DYB
RF	B49	RB90X110	5.00	0.0	U7DYB	2.167E-03	U5EYB	0.0 U7DYB
RF	B49	RB90X110	5.50	0.0	U7DYB	3.070E-03	U5EYB	0.0 U7DYB
RF	B49	RB90X110	6.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B49	RB90X110	6.50	0.0	U7DYB	3.466E-03	U5EYB	0.0 U7DYB
RF	B49	RB90X110	7.00	0.0	U7DYB	3.948E-03	U5EYB	0.0 U7DYB
RF	B49	RB90X110	7.50	0.0	U7DYB	4.361E-03	U5EYB	0.0 U7DYB
RF	B49	RB90X110	8.00	0.0	U7DYB	4.705E-03	U5EYB	0.0 U7DYB
RF	B49	RB90X110	8.50	0.0	U7DYB	4.977E-03	U5EYB	0.0 U7DYB
RF	B49	RB90X110	9.00	0.0	U7DYB	5.177E-03	U5DYB	0.0 U7DYB
RF	B49	RB90X110	9.50	0.0	U7DYB	5.306E-03	U5DYB	0.0 U7DYB
RF	B49	RB90X110	10.00	0.0	U7DYB	5.360E-03	U5DYB	0.0 U7DYB
RF	B49	RB90X110	10.50	0.0	U7DYB	5.341E-03	U5DYB	0.0 U7DYB
RF	B49	RB90X110	11.00	0.0	U7DYB	5.248E-03	U5DYB	0.0 U7DYB
RF	B49	RB90X110	11.50	0.0	U7DYB	5.081E-03	U5DYB	0.0 U7DYB
RF	B49	RB90X110	12.00	0.0	U7DYB	4.842E-03	U5DYB	0.0 U7DYB
RF	B49	RB90X110	12.50	0.0	U7DYB	4.531E-03	U5DYB	0.0 U7DYB
RF	B49	RB90X110	13.00	0.0	U7DYB	4.149E-03	U5DYB	0.0 U7DYB
RF	B49	RB90X110	13.50	0.0	U7DYB	3.698E-03	U5DYB	0.0 U7DYB
RF	B49	RB90X110	14.00	0.0	U7DYB	3.179E-03	U5DYB	0.0 U7DYB

RF	B49	RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B49	RB90X110	15.00	0.0	U7DYB	2.593E-03	U5DYB	0.0	U7DYB
RF	B49	RB90X110	15.50	0.0	U7DYB	1.696E-03	U5DYA	0.0	U7DYB
RF	B49	RB90X110	16.00	0.0	U7DYB	7.511E-04	U5DYA	0.0	U7DYB
RF	B49	RB90X110	16.50	7.724E-04	U1	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	17.00	1.930E-03	U1	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	17.50	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	18.00	3.474E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	18.50	4.654E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	19.00	5.933E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	19.50	7.311E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	20.00	8.781E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	20.50	1.034E-02	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B50	RGG90X120	0.60	7.059E-03	U5DYB	3.433E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	1.09	5.835E-03	U5DYB	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	1.59	4.685E-03	U5DYB	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	2.08	3.616E-03	U5DYB	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	2.58	3.412E-03	U5DYB	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	3.07	2.599E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	3.57	2.599E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	4.06	2.599E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	4.56	2.599E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	5.05	2.599E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	5.55	2.599E-03	U1	2.671E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	6.04	2.599E-03	U1	3.322E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	6.54	2.599E-03	U1	3.412E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	7.03	2.599E-03	U1	3.412E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	7.53	2.599E-03	U1	3.774E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	8.02	2.599E-03	U1	4.085E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	8.52	2.599E-03	U1	4.334E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	9.01	2.599E-03	U1	4.522E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	9.51	2.599E-03	U1	4.648E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	10.00	2.599E-03	U1	4.710E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	10.50	2.599E-03	U1	4.709E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	10.99	2.599E-03	U1	4.645E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	11.49	2.599E-03	U1	4.518E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	11.98	2.599E-03	U1	4.328E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	12.48	2.599E-03	U1	4.091E-03	U5DYA	0.0	U7DYB
RF	B50	RGG90X120	12.97	2.599E-03	U1	3.824E-03	U5DYA	0.0	U7DYB
RF	B50	RGG90X120	13.47	2.599E-03	U1	3.501E-03	U5DYA	0.0	U7DYB
RF	B50	RGG90X120	13.96	2.599E-03	U1	3.412E-03	U5DYB	0.0	U7DYB
RF	B50	RGG90X120	14.46	2.599E-03	U1	3.412E-03	U5DYA	0.0	U7DYB
RF	B50	RGG90X120	14.95	2.599E-03	U1	2.936E-03	U5DYA	0.0	U7DYB
RF	B50	RGG90X120	15.45	2.599E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	15.94	2.599E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	16.44	2.599E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	16.93	2.599E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	17.43	3.412E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	17.92	3.672E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	18.42	4.682E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	18.91	5.769E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	19.41	6.936E-03	U1	2.599E-03	U1	0.0	U7DYB
RF	B50	RGG90X120	19.90	8.176E-03	U1	3.958E-03	U1	0.0	U7DYB
RF	B51	RB90X110	0.00	8.822E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	0.50	7.454E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	1.00	6.158E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	1.50	4.945E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	2.00	3.821E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	2.50	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	3.00	2.433E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	3.50	1.261E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	4.00	2.527E-04	U5DYA	5.595E-05	U7DYA	0.0	U7DYB
RF	B51	RB90X110	4.50	0.0	U7DYB	9.053E-04	U1	0.0	U7DYB

RF	B51	RB90X110	5.00	0.0	U7DYB	1.770E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	5.50	0.0	U7DYB	2.609E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	6.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	7.00	0.0	U7DYB	3.494E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	7.50	0.0	U7DYB	3.884E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	8.00	0.0	U7DYB	4.211E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	8.50	0.0	U7DYB	4.474E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	9.00	0.0	U7DYB	4.671E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	9.50	0.0	U7DYB	4.802E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	10.00	0.0	U7DYB	4.867E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	10.50	0.0	U7DYB	4.865E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	11.00	0.0	U7DYB	4.796E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	11.50	0.0	U7DYB	4.660E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	12.00	0.0	U7DYB	4.459E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	12.50	0.0	U7DYB	4.192E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	13.00	0.0	U7DYB	3.861E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	13.50	0.0	U7DYB	3.466E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	15.00	0.0	U7DYB	2.554E-03	U5DYB	0.0	U7DYB
RF	B51	RB90X110	15.50	0.0	U7DYB	1.767E-03	U5DYA	0.0	U7DYB
RF	B51	RB90X110	16.00	0.0	U7DYB	9.234E-04	U5DYA	0.0	U7DYB
RF	B51	RB90X110	16.50	6.059E-04	U1	4.101E-05	U5DYA	0.0	U7DYB
RF	B51	RB90X110	17.00	1.653E-03	U1	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	17.50	2.794E-03	U1	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	18.00	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	18.50	4.031E-03	U1	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	19.00	5.130E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	19.50	6.356E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	20.00	7.666E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	20.50	9.049E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	0.00	9.039E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	0.50	7.665E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	1.00	6.364E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	1.50	5.145E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	2.00	4.016E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	2.50	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	3.00	2.683E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	3.50	1.505E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	4.00	4.337E-04	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	4.50	0.0	U7DYB	5.887E-04	U5DYB	0.0	U7DYB
RF	B52	RB90X110	5.00	0.0	U7DYB	1.501E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	5.50	0.0	U7DYB	2.340E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	6.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	7.00	0.0	U7DYB	3.291E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	7.50	0.0	U7DYB	3.681E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	8.00	0.0	U7DYB	4.008E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	8.50	0.0	U7DYB	4.270E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	9.00	0.0	U7DYB	4.468E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	9.50	0.0	U7DYB	4.599E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	10.00	0.0	U7DYB	4.664E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	10.50	0.0	U7DYB	4.662E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	11.00	0.0	U7DYB	4.594E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	11.50	0.0	U7DYB	4.460E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	12.00	0.0	U7DYB	4.260E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	12.50	0.0	U7DYB	3.994E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	13.00	0.0	U7DYB	3.665E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	13.50	0.0	U7DYB	3.272E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	14.50	0.0	U7DYB	3.068E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	15.00	0.0	U7DYB	2.303E-03	U5DYB	0.0	U7DYB
RF	B52	RB90X110	15.50	0.0	U7DYB	1.461E-03	U5DYB	0.0	U7DYB

RF	B52	RB90X110	16.00	0.0	U7DYB	5.731E-04	U5DYA	0.0	U7DYB	
RF	B52	RB90X110	16.50	5.666E-04	U1	0.0	U7DYB	0.0	U7DYB	
RF	B52	RB90X110	17.00	1.598E-03	U1	0.0	U7DYB	0.0	U7DYB	
RF	B52	RB90X110	17.50	2.771E-03	U5DYB	0.0	U7DYB	0.0	U7DYB	
RF	B52	RB90X110	18.00	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB	
RF	B52	RB90X110	18.50	4.094E-03	U5DYB	0.0	U7DYB	0.0	U7DYB	
RF	B52	RB90X110	19.00	5.229E-03	U5DYB	0.0	U7DYB	0.0	U7DYB	
RF	B52	RB90X110	19.50	6.454E-03	U5DYB	0.0	U7DYB	0.0	U7DYB	
RF	B52	RB90X110	20.00	7.762E-03	U5DYB	0.0	U7DYB	0.0	U7DYB	
RF	B52	RB90X110	20.50	9.143E-03	U5DYB	0.0	U7DYB	0.0	U7DYB	

RF	B61	G90X120	0.45	1.943E-03	U5EYA	9.662E-04	U5EYA	4.930E-03	U7DXA	
RF	B61	G90X120	0.93	1.421E-03	U5EYA	4.818E-04	U5EYA	4.930E-03	U7DXA	
RF	B61	G90X120	1.42	9.568E-04	U5EYA	4.818E-04	U5EYA	4.930E-03	U7DXA	
RF	B61	G90X120	1.90	5.481E-04	U5EYA	4.818E-04	U5EYA	4.930E-03	U7DXA	
RF	B61	G90X120	2.39	4.818E-04	U5EYA	4.818E-04	U5EYA	4.930E-03	U7DXA	
RF	B61	G90X120	2.87	4.818E-04	U5EYA	4.818E-04	U5EYA	4.930E-03	U7DXA	
RF	B61	G90X120	3.36	4.818E-04	U5EYA	5.307E-04	U5EYA	4.930E-03	U7DXA	
RF	B61	G90X120	3.84	4.818E-04	U5EYA	6.805E-04	U5EYB	4.930E-03	U7DXA	
RF	B61	G90X120	4.32	4.818E-04	U5EYA	7.981E-04	U5EYB	4.930E-03	U7DXA	
RF	B61	G90X120	4.81	4.818E-04	U5EYA	8.576E-04	U5EYB	4.930E-03	U7DXA	
RF	B61	G90X120	5.29	4.818E-04	U5EYA	8.643E-04	U5EYB	4.930E-03	U7DXA	
RF	B61	G90X120	5.78	4.818E-04	U5EYA	8.222E-04	U5EYB	4.930E-03	U7DXA	
RF	B61	G90X120	6.26	4.818E-04	U5EYA	7.219E-04	U5EYB	4.930E-03	U7DXA	
RF	B61	G90X120	6.74	4.818E-04	U5EYA	5.804E-04	U5EYA	4.930E-03	U7DXA	
RF	B61	G90X120	7.23	4.818E-04	U5EYA	4.818E-04	U5EYA	4.930E-03	U7DXA	
RF	B61	G90X120	7.71	4.818E-04	U5EYA	4.818E-04	U5EYA	4.930E-03	U7DXA	
RF	B61	G90X120	8.20	4.818E-04	U5EYA	4.818E-04	U5EYA	4.930E-03	U7DXA	
RF	B61	G90X120	8.68	8.302E-04	U5EYA	4.818E-04	U5EYA	4.930E-03	U7DXA	
RF	B61	G90X120	9.17	1.277E-03	U5EYA	4.818E-04	U5EYA	4.930E-03	U7DXA	
RF	B61	G90X120	9.65	1.775E-03	U5EYA	8.832E-04	U5EYA	4.930E-03	U7DXA	

RF	B66	RGB90X120	0.60	9.517E-03	U5DXA	4.580E-03	U5DXA	0.0	U7DYB	
RF	B66	RGB90X120	1.08	7.303E-03	U5DXA	3.412E-03	U7DXA	0.0	U7DYB	
RF	B66	RGB90X120	1.56	5.213E-03	U5DXA	3.412E-03	U7DXA	0.0	U7DYB	
RF	B66	RGB90X120	2.04	3.412E-03	U7DXA	3.623E-03	U7DXA	0.0	U7DYB	
RF	B66	RGB90X120	2.52	3.001E-03	U5DXA	4.228E-03	U5DXA	0.0	U7DYB	
RF	B66	RGB90X120	3.00	3.001E-03	U5DXA	4.829E-03	U5DXA	0.0	U7DYB	
RF	B66	RGB90X120	3.00	3.001E-03	U5DXA	4.726E-03	U5DXA	4.930E-03	U7DYA	
RF	B66	RGB90X120	3.49	3.001E-03	U5DXA	3.412E-03	U7DXA	4.930E-03	U7DYA	
RF	B66	RGB90X120	3.97	3.001E-03	U5DXA	3.001E-03	U5DXA	4.930E-03	U7DYA	
RF	B66	RGB90X120	4.46	3.001E-03	U5DXA	3.001E-03	U5DXA	4.930E-03	U7DYA	
RF	B66	RGB90X120	4.94	3.328E-03	U2	3.001E-03	U5DXA	4.930E-03	U7DYA	
RF	B66	RGB90X120	5.43	3.946E-03	U2	2.592E-03	U2	4.930E-03	U7DYA	

RF	B67	RGB90X120	0.58	4.423E-03	U5DXA	2.899E-03	U5DXA	4.930E-03	U5DYB	
RF	B67	RGB90X120	1.06	3.412E-03	U5DXA	1.438E-03	U5DXA	4.930E-03	U5DYB	
RF	B67	RGB90X120	1.55	1.836E-03	U5DXA	1.701E-03	U7DXA	4.930E-03	U5DYB	
RF	B67	RGB90X120	2.03	1.438E-03	U5DXA	2.731E-03	U5DXA	4.930E-03	U5DYB	
RF	B67	RGB90X120	2.52	1.438E-03	U5DXA	3.412E-03	U5DXB	4.930E-03	U5DYB	
RF	B67	RGB90X120	3.00	1.438E-03	U5DXA	4.190E-03	U5DXA	4.930E-03	U5DYB	
RF	B67	RGB90X120	3.00	1.438E-03	U5DXA	4.100E-03	U5DXA	4.930E-03	U7DXB	
RF	B67	RGB90X120	3.49	1.438E-03	U5DXA	3.412E-03	U5DXB	4.930E-03	U7DXB	
RF	B67	RGB90X120	3.97	1.438E-03	U5DXA	2.824E-03	U5DXA	4.930E-03	U7DXB	
RF	B67	RGB90X120	4.46	1.438E-03	U5DXA	1.631E-03	U5DXA	4.930E-03	U7DXB	
RF	B67	RGB90X120	4.94	2.740E-03	U7DXA	1.438E-03	U5DXA	4.930E-03	U7DXB	
RF	B67	RGB90X120	5.43	3.412E-03	U7DXA	2.071E-03	U7DXA	4.930E-03	U7DXB	

RF	B68	RGB90X120	0.58	3.412E-03	U7DXA	2.059E-03	U7DXA	4.930E-03	U7DXB	
RF	B68	RGB90X120	1.06	2.809E-03	U7DXA	1.514E-03	U5DXA	4.930E-03	U7DXB	
RF	B68	RGB90X120	1.55	1.523E-03	U7DXA	1.514E-03	U5DXA	4.930E-03	U7DXB	
RF	B68	RGB90X120	2.03	1.514E-03	U5DXA	2.378E-03	U5DXA	4.930E-03	U7DXB	
RF	B68	RGB90X120	2.52	1.514E-03	U5DXA	3.412E-03	U5DXA	4.930E-03	U7DXB	
RF	B68	RGB90X120	3.00	1.514E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DXB	
RF	B68	RGB90X120	3.00	1.514E-03	U5DXA	3.451E-03	U5DXA	4.930E-03	U7DYB	

RF	B68 RGB90X120	3.49	1.514E-03	U5DXA	2.877E-03	U5DXA	4.930E-03	U7DYB
RF	B68 RGB90X120	3.97	1.514E-03	U5DXA	1.514E-03	U5DXA	4.930E-03	U7DYB
RF	B68 RGB90X120	4.46	2.016E-03	U5DXA	1.514E-03	U5DXA	4.930E-03	U7DYB
RF	B68 RGB90X120	4.94	3.412E-03	U5DXB	1.514E-03	U5DXA	4.930E-03	U7DYB
RF	B68 RGB90X120	5.43	4.665E-03	U5DXA	3.055E-03	U5DXA	4.930E-03	U7DYB
RF	B69 RGB90X120	0.58	4.629E-03	U5DXA	3.032E-03	U5DXA	4.930E-03	U7DYA
RF	B69 RGB90X120	1.06	3.412E-03	U5DXB	1.503E-03	U5DXA	4.930E-03	U7DYA
RF	B69 RGB90X120	1.55	2.175E-03	U5DXA	1.503E-03	U5DXA	4.930E-03	U7DYA
RF	B69 RGB90X120	2.03	1.503E-03	U5DXA	1.503E-03	U5DXA	4.930E-03	U7DYA
RF	B69 RGB90X120	2.52	1.503E-03	U5DXA	2.313E-03	U1	4.930E-03	U7DYA
RF	B69 RGB90X120	3.00	1.503E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B69 RGB90X120	3.00	1.503E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B69 RGB90X120	3.49	1.503E-03	U5DXA	2.310E-03	U1	4.930E-03	U7DYA
RF	B69 RGB90X120	3.97	1.503E-03	U5DXA	1.503E-03	U5DXA	4.930E-03	U7DYA
RF	B69 RGB90X120	4.46	1.503E-03	U5DXA	1.503E-03	U5DXA	4.930E-03	U7DYA
RF	B69 RGB90X120	4.94	3.263E-03	U5DXA	1.503E-03	U5DXA	4.930E-03	U7DYA
RF	B69 RGB90X120	5.43	3.842E-03	U5DXA	2.524E-03	U5DXA	4.930E-03	U7DYA
RF	B70 RGB90X120	0.58	3.799E-03	U5DXA	2.496E-03	U5DXA	4.930E-03	U7DYA
RF	B70 RGB90X120	1.06	3.153E-03	U5DXA	1.258E-03	U5DXA	4.930E-03	U7DYA
RF	B70 RGB90X120	1.55	1.338E-03	U5DXA	1.258E-03	U5DXA	4.930E-03	U7DYA
RF	B70 RGB90X120	2.03	1.258E-03	U5DXA	1.341E-03	U5DXA	4.930E-03	U7DYA
RF	B70 RGB90X120	2.52	1.258E-03	U5DXA	2.564E-03	U5DXB	4.930E-03	U7DYA
RF	B70 RGB90X120	3.00	1.258E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B70 RGB90X120	3.00	1.258E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B70 RGB90X120	3.49	1.258E-03	U5DXA	2.539E-03	U5DXB	4.930E-03	U7DYA
RF	B70 RGB90X120	3.97	1.258E-03	U5DXA	1.289E-03	U5DXA	4.930E-03	U7DYA
RF	B70 RGB90X120	4.46	1.378E-03	U5DXA	1.258E-03	U5DXA	4.930E-03	U7DYA
RF	B70 RGB90X120	4.94	3.212E-03	U5DXA	1.258E-03	U5DXA	4.930E-03	U7DYA
RF	B70 RGB90X120	5.43	3.857E-03	U5DXA	2.534E-03	U5DXA	4.930E-03	U7DYA
RF	B71 RGB90X120	0.58	3.849E-03	U5DXA	2.529E-03	U5DXA	4.930E-03	U7DYA
RF	B71 RGB90X120	1.06	3.213E-03	U5DXA	1.257E-03	U5DXA	4.930E-03	U7DYA
RF	B71 RGB90X120	1.55	1.391E-03	U5DXA	1.257E-03	U5DXA	4.930E-03	U7DYA
RF	B71 RGB90X120	2.03	1.257E-03	U5DXA	1.257E-03	U5DXA	4.930E-03	U7DYA
RF	B71 RGB90X120	2.52	1.257E-03	U5DXA	2.499E-03	U5DXB	4.930E-03	U7DYA
RF	B71 RGB90X120	3.00	1.257E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B71 RGB90X120	3.00	1.257E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B71 RGB90X120	3.49	1.257E-03	U5DXA	2.499E-03	U5DXB	4.930E-03	U7DYA
RF	B71 RGB90X120	3.97	1.257E-03	U5DXA	1.257E-03	U5DXA	4.930E-03	U7DYA
RF	B71 RGB90X120	4.46	1.397E-03	U5DXA	1.257E-03	U5DXA	4.930E-03	U7DYA
RF	B71 RGB90X120	4.94	3.220E-03	U5DXA	1.257E-03	U5DXA	4.930E-03	U7DYA
RF	B71 RGB90X120	5.43	3.854E-03	U5DXA	2.532E-03	U5DXA	4.930E-03	U7DYA
RF	B72 RGB90X120	0.58	3.852E-03	U5DXA	2.531E-03	U5DXA	4.930E-03	U7DYA
RF	B72 RGB90X120	1.06	3.217E-03	U5DXA	1.258E-03	U5DXA	4.930E-03	U7DYA
RF	B72 RGB90X120	1.55	1.394E-03	U5DXA	1.258E-03	U5DXA	4.930E-03	U7DYA
RF	B72 RGB90X120	2.03	1.258E-03	U5DXA	1.260E-03	U5DXA	4.930E-03	U7DYA
RF	B72 RGB90X120	2.52	1.258E-03	U5DXA	2.501E-03	U5DXB	4.930E-03	U7DYA
RF	B72 RGB90X120	3.00	1.258E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B72 RGB90X120	3.00	1.258E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B72 RGB90X120	3.49	1.258E-03	U5DXA	2.500E-03	U5DXB	4.930E-03	U7DYA
RF	B72 RGB90X120	3.97	1.258E-03	U5DXA	1.259E-03	U5DXA	4.930E-03	U7DYA
RF	B72 RGB90X120	4.46	1.396E-03	U5DXA	1.258E-03	U5DXA	4.930E-03	U7DYA
RF	B72 RGB90X120	4.94	3.220E-03	U5DXA	1.258E-03	U5DXA	4.930E-03	U7DYA
RF	B72 RGB90X120	5.43	3.856E-03	U5DXA	2.533E-03	U5DXA	4.930E-03	U7DYA
RF	B73 RGB90X120	0.58	3.853E-03	U5DXA	2.532E-03	U5DXA	4.930E-03	U7DYA
RF	B73 RGB90X120	1.06	3.218E-03	U5DXA	1.258E-03	U5DXA	4.930E-03	U7DYA
RF	B73 RGB90X120	1.55	1.394E-03	U5DXA	1.258E-03	U5DXA	4.930E-03	U7DYA
RF	B73 RGB90X120	2.03	1.258E-03	U5DXA	1.262E-03	U5DXA	4.930E-03	U7DYA
RF	B73 RGB90X120	2.52	1.258E-03	U5DXA	2.502E-03	U5DXB	4.930E-03	U7DYA
RF	B73 RGB90X120	3.00	1.258E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B73 RGB90X120	3.00	1.258E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA

RF	B73 RGB90X120	3.49	1.258E-03	U5DXA	2.502E-03	U5DXB	4.930E-03	U7DYA
RF	B73 RGB90X120	3.97	1.258E-03	U5DXA	1.261E-03	U5DXA	4.930E-03	U7DYA
RF	B73 RGB90X120	4.46	1.396E-03	U5DXA	1.258E-03	U5DXA	4.930E-03	U7DYA
RF	B73 RGB90X120	4.94	3.221E-03	U5DXA	1.258E-03	U5DXA	4.930E-03	U7DYA
RF	B73 RGB90X120	5.43	3.856E-03	U5DXA	2.534E-03	U5DXA	4.930E-03	U7DYA
RF	B74 RGB90X120	0.58	3.851E-03	U5DXA	2.530E-03	U5DXA	4.930E-03	U7DYA
RF	B74 RGB90X120	1.06	3.216E-03	U5DXA	1.257E-03	U5DXA	4.930E-03	U7DYA
RF	B74 RGB90X120	1.55	1.394E-03	U5DXA	1.257E-03	U5DXA	4.930E-03	U7DYA
RF	B74 RGB90X120	2.03	1.257E-03	U5DXA	1.261E-03	U5DXA	4.930E-03	U7DYA
RF	B74 RGB90X120	2.52	1.257E-03	U5DXA	2.500E-03	U5DXB	4.930E-03	U7DYA
RF	B74 RGB90X120	3.00	1.257E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B74 RGB90X120	3.00	1.257E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B74 RGB90X120	3.49	1.257E-03	U5DXA	2.500E-03	U5DXB	4.930E-03	U7DYA
RF	B74 RGB90X120	3.97	1.257E-03	U5DXA	1.260E-03	U5DXA	4.930E-03	U7DYA
RF	B74 RGB90X120	4.46	1.395E-03	U5DXA	1.257E-03	U5DXA	4.930E-03	U7DYA
RF	B74 RGB90X120	4.94	3.218E-03	U5DXA	1.257E-03	U5DXA	4.930E-03	U7DYA
RF	B74 RGB90X120	5.43	3.853E-03	U5DXA	2.531E-03	U5DXA	4.930E-03	U7DYA
RF	B75 RGB90X120	0.58	3.844E-03	U5DXA	2.526E-03	U5DXA	4.930E-03	U7DYA
RF	B75 RGB90X120	1.06	3.214E-03	U5DXA	1.254E-03	U5DXA	4.930E-03	U7DYA
RF	B75 RGB90X120	1.55	1.398E-03	U5DXA	1.254E-03	U5DXA	4.930E-03	U7DYA
RF	B75 RGB90X120	2.03	1.254E-03	U5DXA	1.254E-03	U5DXA	4.930E-03	U7DYA
RF	B75 RGB90X120	2.52	1.254E-03	U5DXA	2.487E-03	U5DXB	4.930E-03	U7DYA
RF	B75 RGB90X120	3.00	1.254E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B75 RGB90X120	3.00	1.254E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B75 RGB90X120	3.49	1.254E-03	U5DXA	2.484E-03	U5DXB	4.930E-03	U7DYA
RF	B75 RGB90X120	3.97	1.254E-03	U5DXA	1.254E-03	U5DXA	4.930E-03	U7DYA
RF	B75 RGB90X120	4.46	1.381E-03	U5DXA	1.254E-03	U5DXA	4.930E-03	U7DYA
RF	B75 RGB90X120	4.94	3.196E-03	U5DXA	1.254E-03	U5DXA	4.930E-03	U7DYA
RF	B75 RGB90X120	5.43	3.830E-03	U5DXA	2.516E-03	U5DXA	4.930E-03	U7DYA
RF	B76 RGB90X120	0.58	3.826E-03	U5DXA	2.514E-03	U5DXA	4.930E-03	U7DYA
RF	B76 RGB90X120	1.06	3.148E-03	U5DXA	1.248E-03	U5DXA	4.930E-03	U7DYA
RF	B76 RGB90X120	1.55	1.293E-03	U5DXA	1.248E-03	U5DXA	4.930E-03	U7DYA
RF	B76 RGB90X120	2.03	1.248E-03	U5DXA	1.410E-03	U5DXA	4.930E-03	U7DYA
RF	B76 RGB90X120	2.52	1.248E-03	U5DXA	2.690E-03	U5DXB	4.930E-03	U7DYA
RF	B76 RGB90X120	3.00	1.248E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B76 RGB90X120	3.00	1.248E-03	U5DXA	3.412E-03	U5DYB	4.930E-03	U7DYA
RF	B76 RGB90X120	3.49	1.248E-03	U5DXA	2.812E-03	U5DXB	4.930E-03	U7DYA
RF	B76 RGB90X120	3.97	1.248E-03	U5DXA	1.621E-03	U5DXA	4.930E-03	U7DYA
RF	B76 RGB90X120	4.46	1.248E-03	U5DXA	1.248E-03	U5DXA	4.930E-03	U7DYA
RF	B76 RGB90X120	4.94	2.757E-03	U5DXA	1.248E-03	U5DXA	4.930E-03	U7DYA
RF	B76 RGB90X120	5.43	3.453E-03	U5DXA	2.272E-03	U5DXA	4.930E-03	U7DYA
RF	B77 RGB90X120	0.58	3.412E-03	U7DXA	2.238E-03	U5DXA	4.930E-03	U7DYA
RF	B77 RGB90X120	1.07	2.852E-03	U5DXA	1.423E-03	U5DXA	4.930E-03	U7DYA
RF	B77 RGB90X120	1.56	1.423E-03	U5DXA	1.423E-03	U5DXA	4.930E-03	U7DYA
RF	B77 RGB90X120	2.06	1.423E-03	U5DXA	1.423E-03	U5DXA	4.930E-03	U7DYA
RF	B77 RGB90X120	2.55	1.423E-03	U5DXA	2.087E-03	U1	4.930E-03	U7DYA
RF	B77 RGB90X120	2.55	1.423E-03	U5DXA	2.087E-03	U1	4.930E-03	U7DYA
RF	B77 RGB90X120	3.04	1.423E-03	U5DXA	1.423E-03	U5DXA	4.930E-03	U7DYA
RF	B77 RGB90X120	3.54	2.016E-03	U5DXA	1.423E-03	U5DXA	4.930E-03	U7DYA
RF	B77 RGB90X120	4.03	3.412E-03	U5DXA	1.423E-03	U5DXA	4.930E-03	U7DYA
RF	B77 RGB90X120	4.52	4.376E-03	U5DXA	2.869E-03	U5DXA	4.930E-03	U7DYA
RF	B78 RGB90X120	0.58	4.566E-03	U5DXA	2.992E-03	U5DXA	4.930E-03	U5DYB
RF	B78 RGB90X120	1.05	3.412E-03	U5DXB	1.614E-03	U1	4.930E-03	U5DYB
RF	B78 RGB90X120	1.53	2.198E-03	U5DXA	1.614E-03	U1	4.930E-03	U5DYB
RF	B78 RGB90X120	2.01	1.614E-03	U1	1.614E-03	U1	4.930E-03	U5DYB
RF	B78 RGB90X120	2.49	1.614E-03	U1	2.292E-03	U5DXA	4.930E-03	U5DYB
RF	B78 RGB90X120	2.97	1.614E-03	U1	3.412E-03	U5DYB	4.930E-03	U5DYB
RF	B78 RGB90X120	3.45	1.614E-03	U1	3.998E-03	U5DXA	4.930E-03	U5DYB
RF	B78 RGB90X120	3.45	1.614E-03	U1	3.918E-03	U5DXA	4.930E-03	U7DYB
RF	B78 RGB90X120	3.93	1.614E-03	U1	3.412E-03	U5DXB	4.930E-03	U7DYB

RF	B78	RGB90X120	4.40	1.614E-03	U1	2.448E-03	U5DXA	4.930E-03	U7DYB
RF	B78	RGB90X120	4.88	1.614E-03	U1	1.614E-03	U1	4.930E-03	U7DYB
RF	B78	RGB90X120	5.35	2.806E-03	U7DXA	1.614E-03	U1	4.930E-03	U7DYB
RF	B78	RGB90X120	5.83	3.424E-03	U1	1.614E-03	U1	4.930E-03	U7DYB
RF	B78	RGB90X120	6.30	4.982E-03	U1	3.259E-03	U1	4.930E-03	U7DYB
RF	B79	G100X150	0.60	4.854E-03	U7DXA	2.646E-03	U5DXA	6.915E-03	U7DYB
RF	B79	G100X150	1.08	3.263E-03	U7DXA	2.578E-03	U5DXA	6.915E-03	U7DYB
RF	B79	G100X150	1.56	2.578E-03	U5DXA	2.578E-03	U5DXA	6.915E-03	U7DYB
RF	B79	G100X150	2.04	2.578E-03	U5DXA	3.892E-03	U5DXA	6.915E-03	U7DYB
RF	B79	G100X150	2.52	2.578E-03	U5DXA	4.854E-03	U5DXB	6.915E-03	U7DYB
RF	B79	G100X150	3.00	2.578E-03	U5DXA	5.671E-03	U5DXA	6.915E-03	U7DYB
RF	B79	G100X150	3.00	2.578E-03	U5DXA	5.662E-03	U5DXA	6.915E-03	U7DYA
RF	B79	G100X150	3.50	2.578E-03	U5DXA	5.403E-03	U5DXA	6.915E-03	U7DYA
RF	B79	G100X150	4.00	2.578E-03	U5DXA	5.135E-03	U5DXA	6.915E-03	U7DYA
RF	B79	G100X150	4.50	2.578E-03	U5DXA	4.855E-03	U5DXA	6.915E-03	U7DYA
RF	B79	G100X150	5.00	2.578E-03	U5DXA	4.854E-03	U5DYB	6.915E-03	U7DYA
RF	B79	G100X150	5.50	2.578E-03	U5DXA	4.854E-03	U5DYB	6.915E-03	U7DYA
RF	B79	G100X150	6.00	2.578E-03	U5DXA	4.854E-03	U5DXB	6.915E-03	U7DYA
RF	B79	G100X150	6.00	2.578E-03	U5DXA	4.854E-03	U5DYB	6.915E-03	U5DYA
RF	B79	G100X150	6.49	2.578E-03	U5DXA	3.101E-03	U5DXA	6.915E-03	U5DYA
RF	B79	G100X150	6.98	2.578E-03	U5DXA	2.578E-03	U5DXA	6.915E-03	U5DYA
RF	B79	G100X150	7.47	4.540E-03	U5DXA	2.578E-03	U5DXA	6.915E-03	U5DYA
RF	B79	G100X150	7.96	5.643E-03	U5DXA	2.578E-03	U5DXA	6.915E-03	U5DYA
RF	B79	G100X150	8.45	7.985E-03	U5DXA	4.854E-03	U5DXB	6.915E-03	U5DYA
RF	B85	G90X120	0.60	1.848E-03	U5EYA	9.192E-04	U5EYA	4.930E-03	U7DXA
RF	B85	G90X120	1.10	1.325E-03	U5EYA	5.024E-04	U5EYA	4.930E-03	U7DXA
RF	B85	G90X120	1.59	8.554E-04	U5EYA	5.024E-04	U5EYA	4.930E-03	U7DXA
RF	B85	G90X120	2.09	5.024E-04	U5EYA	5.024E-04	U5EYA	4.930E-03	U7DXA
RF	B85	G90X120	2.59	5.024E-04	U5EYA	5.024E-04	U5EYA	4.930E-03	U7DXA
RF	B85	G90X120	3.09	5.024E-04	U5EYA	5.024E-04	U5EYA	4.930E-03	U7DXA
RF	B85	G90X120	3.58	5.024E-04	U5EYA	6.024E-04	U5EYA	4.930E-03	U7DXA
RF	B85	G90X120	4.08	5.024E-04	U5EYA	7.597E-04	U5EYB	4.930E-03	U7DXA
RF	B85	G90X120	4.58	5.024E-04	U5EYA	8.664E-04	U5EYB	4.930E-03	U7DXA
RF	B85	G90X120	5.08	5.024E-04	U5EYA	9.117E-04	U5EYB	4.930E-03	U7DXA
RF	B85	G90X120	5.57	5.024E-04	U5EYA	9.051E-04	U5EYB	4.930E-03	U7DXA
RF	B85	G90X120	6.07	5.024E-04	U5EYA	8.416E-04	U5EYB	4.930E-03	U7DXA
RF	B85	G90X120	6.57	5.024E-04	U5EYA	7.167E-04	U5EYB	4.930E-03	U7DXA
RF	B85	G90X120	7.07	5.024E-04	U5EYA	5.517E-04	U5EYA	4.930E-03	U7DXA
RF	B85	G90X120	7.56	5.024E-04	U5EYA	5.024E-04	U5EYA	4.930E-03	U7DXA
RF	B85	G90X120	8.06	5.024E-04	U5EYA	5.024E-04	U5EYA	4.930E-03	U7DXA
RF	B85	G90X120	8.56	5.621E-04	U5EYA	5.024E-04	U5EYA	4.930E-03	U7DXA
RF	B85	G90X120	9.06	9.908E-04	U5EYA	5.024E-04	U5EYA	4.930E-03	U7DXA
RF	B85	G90X120	9.55	1.479E-03	U5EYA	5.024E-04	U5EYA	4.930E-03	U7DXA
RF	B85	G90X120	10.05	2.027E-03	U5EYA	1.008E-03	U5EYA	4.930E-03	U7DXA
RF	B88	G90X120	0.60	6.095E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B88	G90X120	1.09	5.157E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	1.59	4.275E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	2.08	3.453E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	2.58	3.412E-03	U5DYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	3.07	2.638E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	3.57	1.962E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	4.06	1.962E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	4.56	1.962E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	5.05	1.962E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	5.55	1.962E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	6.04	1.962E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	6.54	1.962E-03	U5EYB	2.161E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	7.03	1.962E-03	U5EYB	2.600E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	7.53	1.962E-03	U5EYB	2.979E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	8.02	1.962E-03	U5EYB	3.298E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	8.52	1.962E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B88	G90X120	9.01	1.962E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB

RF	B88	G90X120	9.51	1.962E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B88	G90X120	10.00	1.962E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B88	G90X120	10.50	1.962E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B88	G90X120	10.99	1.962E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B88	G90X120	11.49	1.962E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B88	G90X120	11.98	1.962E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B88	G90X120	12.48	1.962E-03	U5EYB	3.367E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	12.97	1.962E-03	U5EYB	3.064E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	13.47	1.962E-03	U5EYB	2.700E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	13.96	1.962E-03	U5EYB	2.275E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	14.46	1.962E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	14.95	1.962E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	15.45	1.962E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	15.94	1.962E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	16.44	1.962E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	16.93	1.962E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	17.43	2.410E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	17.92	3.338E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	18.42	3.412E-03	U5DYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	18.91	4.062E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	19.41	4.928E-03	U5EYB	1.962E-03	U5EYB	0.0	U7DYB
RF	B88	G90X120	19.90	5.851E-03	U5EYB	3.412E-03	U5DYB	0.0	U7DYB

RF	B89	RB90X110	0.00	9.645E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	0.50	8.223E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	1.00	6.878E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	1.50	5.618E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	2.00	4.450E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	2.50	3.370E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	3.00	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	3.50	1.944E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	4.00	8.655E-04	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	4.50	0.0	U7DYB	3.587E-04	U5DYA	0.0	U7DYB
RF	B89	RB90X110	5.00	0.0	U7DYB	1.226E-03	U5DYA	0.0	U7DYB
RF	B89	RB90X110	5.50	0.0	U7DYB	2.094E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	6.00	0.0	U7DYB	2.887E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	7.00	0.0	U7DYB	3.180E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	7.50	0.0	U7DYB	3.595E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	8.00	0.0	U7DYB	3.949E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	8.50	0.0	U7DYB	4.238E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	9.00	0.0	U7DYB	4.463E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	9.50	0.0	U7DYB	4.622E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	10.00	0.0	U7DYB	4.715E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	10.50	0.0	U7DYB	4.742E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	11.00	0.0	U7DYB	4.702E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	11.50	0.0	U7DYB	4.596E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	12.00	0.0	U7DYB	4.424E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	12.50	0.0	U7DYB	4.187E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	13.00	0.0	U7DYB	3.884E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	13.50	0.0	U7DYB	3.518E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	15.00	0.0	U7DYB	2.735E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	15.50	0.0	U7DYB	1.925E-03	U5DYB	0.0	U7DYB
RF	B89	RB90X110	16.00	0.0	U7DYB	1.100E-03	U5DYA	0.0	U7DYB
RF	B89	RB90X110	16.50	1.906E-04	U7DYA	2.201E-04	U5DYA	0.0	U7DYB
RF	B89	RB90X110	17.00	1.149E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	17.50	2.225E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	18.00	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	18.50	3.617E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	19.00	4.717E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	19.50	5.903E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	20.00	7.170E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	20.50	8.508E-03	U5DYB	0.0	U7DYB	0.0	U7DYB

RF	B90 RGG90X120	0.58	8.798E-03	U5DYB	4.247E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	1.07	7.500E-03	U5DYB	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	1.57	6.339E-03	U5DYA	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	2.06	5.262E-03	U5DYA	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	2.56	4.259E-03	U5DYA	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	3.05	3.412E-03	U5DYB	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	3.55	3.282E-03	U5DYA	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	4.04	2.786E-03	U5DYB	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	4.54	2.786E-03	U5DYB	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	5.03	2.786E-03	U5DYB	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	5.53	2.786E-03	U5DYB	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	6.03	2.786E-03	U5DYB	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	6.52	2.786E-03	U5DYB	3.008E-03	U5DYA	0.0	U7DYB
RF	B90 RGG90X120	7.02	2.786E-03	U5DYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	7.51	2.786E-03	U5DYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	8.01	2.786E-03	U5DYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	8.50	2.786E-03	U5DYB	3.685E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	9.00	2.786E-03	U5DYB	3.931E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	9.49	2.786E-03	U5DYB	4.119E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	9.99	2.786E-03	U5DYB	4.249E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	10.49	2.786E-03	U5DYB	4.319E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	10.98	2.786E-03	U5DYB	4.331E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	11.48	2.786E-03	U5DYB	4.284E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	11.97	2.786E-03	U5DYB	4.178E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	12.47	2.786E-03	U5DYB	4.014E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	12.96	2.786E-03	U5DYB	3.791E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	13.46	2.786E-03	U5DYB	3.510E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	13.95	2.786E-03	U5DYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	14.45	2.786E-03	U5DYB	3.412E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	14.94	2.786E-03	U5DYB	3.230E-03	U5DYA	0.0	U7DYB
RF	B90 RGG90X120	15.44	2.786E-03	U5DYB	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	15.94	2.786E-03	U5DYB	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	16.43	2.786E-03	U5DYB	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	16.93	2.786E-03	U5DYB	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	17.42	2.786E-03	U5DYB	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	17.92	2.807E-03	U5DYA	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	18.41	3.412E-03	U5DYB	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	18.91	3.846E-03	U5DYA	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	19.40	4.818E-03	U5DYA	2.786E-03	U5DYB	0.0	U7DYB
RF	B90 RGG90X120	19.90	5.853E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB

RF	B91 RB90X110	0.00	1.031E-02	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B91 RB90X110	0.50	8.828E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B91 RB90X110	1.00	7.426E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B91 RB90X110	1.50	6.113E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B91 RB90X110	2.00	4.895E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B91 RB90X110	2.50	3.768E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B91 RB90X110	3.00	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B91 RB90X110	3.50	2.421E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B91 RB90X110	4.00	1.319E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B91 RB90X110	4.50	3.103E-04	U5DYA	2.956E-04	U7DYA	0.0	U7DYB
RF	B91 RB90X110	5.00	0.0	U7DYB	1.158E-03	U5DYA	0.0	U7DYB
RF	B91 RB90X110	5.50	0.0	U7DYB	1.991E-03	U5DYA	0.0	U7DYB
RF	B91 RB90X110	6.00	0.0	U7DYB	2.789E-03	U5DYB	0.0	U7DYB
RF	B91 RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B91 RB90X110	7.00	0.0	U7DYB	3.174E-03	U5DYB	0.0	U7DYB
RF	B91 RB90X110	7.50	0.0	U7DYB	3.625E-03	U5DYB	0.0	U7DYB
RF	B91 RB90X110	8.00	0.0	U7DYB	4.015E-03	U5DYB	0.0	U7DYB
RF	B91 RB90X110	8.50	0.0	U7DYB	4.342E-03	U5DYB	0.0	U7DYB
RF	B91 RB90X110	9.00	0.0	U7DYB	4.606E-03	U5DYB	0.0	U7DYB
RF	B91 RB90X110	9.50	0.0	U7DYB	4.804E-03	U5DYB	0.0	U7DYB
RF	B91 RB90X110	10.00	0.0	U7DYB	4.937E-03	U5DYB	0.0	U7DYB
RF	B91 RB90X110	10.50	0.0	U7DYB	5.003E-03	U5DYB	0.0	U7DYB
RF	B91 RB90X110	11.00	0.0	U7DYB	5.003E-03	U5DYB	0.0	U7DYB

RF	B91	RB90X110	11.50	0.0	U7DYB	4.936E-03	U5DYB	0.0 U7DYB
RF	B91	RB90X110	12.00	0.0	U7DYB	4.803E-03	U5DYB	0.0 U7DYB
RF	B91	RB90X110	12.50	0.0	U7DYB	4.603E-03	U5DYB	0.0 U7DYB
RF	B91	RB90X110	13.00	0.0	U7DYB	4.339E-03	U5DYB	0.0 U7DYB
RF	B91	RB90X110	13.50	0.0	U7DYB	4.009E-03	U5DYB	0.0 U7DYB
RF	B91	RB90X110	14.00	0.0	U7DYB	3.617E-03	U5DYB	0.0 U7DYB
RF	B91	RB90X110	14.50	0.0	U7DYB	3.201E-03	U5DYA	0.0 U7DYB
RF	B91	RB90X110	15.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B91	RB90X110	15.50	0.0	U7DYB	2.961E-03	U5DYA	0.0 U7DYB
RF	B91	RB90X110	16.00	0.0	U7DYB	2.199E-03	U5DYA	0.0 U7DYB
RF	B91	RB90X110	16.50	1.347E-04	U7DYA	1.367E-03	U5DYA	0.0 U7DYB
RF	B91	RB90X110	17.00	8.004E-04	U5DYA	5.306E-04	U7DYA	0.0 U7DYB
RF	B91	RB90X110	17.50	1.838E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B91	RB90X110	18.00	2.968E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B91	RB90X110	18.50	3.146E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B91	RB90X110	19.00	4.141E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B91	RB90X110	19.50	5.215E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B91	RB90X110	20.00	6.383E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B91	RB90X110	20.50	7.668E-03	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B92	RGG90X120	0.58	1.084E-02	U5DYA	5.188E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	1.07	9.473E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	1.57	8.184E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	2.06	6.979E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	2.56	5.855E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	3.05	4.808E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	3.55	3.834E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	4.04	3.412E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	4.54	3.390E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	5.03	3.390E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	5.53	3.390E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	6.03	3.390E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	6.52	3.390E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	7.02	3.390E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	7.51	3.390E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B92	RGG90X120	8.01	3.390E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B92	RGG90X120	8.50	3.390E-03	U5DYA	3.495E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	9.00	3.390E-03	U5DYA	3.747E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	9.49	3.390E-03	U5DYA	3.954E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	9.99	3.390E-03	U5DYA	4.128E-03	U5DYB	0.0 U7DYB
RF	B92	RGG90X120	10.49	3.390E-03	U5DYA	4.259E-03	U5DYB	0.0 U7DYB
RF	B92	RGG90X120	10.98	3.390E-03	U5DYA	4.333E-03	U5DYB	0.0 U7DYB
RF	B92	RGG90X120	11.48	3.390E-03	U5DYA	4.350E-03	U5DYB	0.0 U7DYB
RF	B92	RGG90X120	11.97	3.390E-03	U5DYA	4.324E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	12.47	3.390E-03	U5DYA	4.262E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	12.96	3.390E-03	U5DYA	4.151E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	13.46	3.390E-03	U5DYA	3.990E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	13.95	3.390E-03	U5DYA	3.778E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	14.45	3.390E-03	U5DYA	3.514E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	14.94	3.390E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B92	RGG90X120	15.44	3.390E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	15.94	3.390E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	16.43	3.390E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	16.93	3.390E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	17.42	3.390E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	17.92	3.390E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	18.41	3.412E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	18.91	3.688E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	19.40	4.637E-03	U5DYA	3.390E-03	U5DYA	0.0 U7DYB
RF	B92	RGG90X120	19.90	5.648E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB

RF	B93	RB90X110	0.00	1.050E-02	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B93	RB90X110	0.50	8.997E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B93	RB90X110	1.00	7.578E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B93	RB90X110	1.50	6.250E-03	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B93	RB90X110	2.00	5.018E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B93	RB90X110	2.50	3.878E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B93	RB90X110	3.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B93	RB90X110	3.50	2.561E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B93	RB90X110	4.00	1.450E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B93	RB90X110	4.50	4.326E-04	U5DYA	3.131E-04	U7DYA	0.0 U7DYB
RF	B93	RB90X110	5.00	0.0	U7DYB	1.175E-03	U5DYA	0.0 U7DYB
RF	B93	RB90X110	5.50	0.0	U7DYB	2.032E-03	U5DYA	0.0 U7DYB
RF	B93	RB90X110	6.00	0.0	U7DYB	2.824E-03	U5DYA	0.0 U7DYB
RF	B93	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B93	RB90X110	7.00	0.0	U7DYB	3.201E-03	U5DYB	0.0 U7DYB
RF	B93	RB90X110	7.50	0.0	U7DYB	3.667E-03	U5DYB	0.0 U7DYB
RF	B93	RB90X110	8.00	0.0	U7DYB	4.071E-03	U5DYB	0.0 U7DYB
RF	B93	RB90X110	8.50	0.0	U7DYB	4.413E-03	U5DYB	0.0 U7DYB
RF	B93	RB90X110	9.00	0.0	U7DYB	4.690E-03	U5DYB	0.0 U7DYB
RF	B93	RB90X110	9.50	0.0	U7DYB	4.903E-03	U5DYB	0.0 U7DYB
RF	B93	RB90X110	10.00	0.0	U7DYB	5.049E-03	U5DYB	0.0 U7DYB
RF	B93	RB90X110	10.50	0.0	U7DYB	5.129E-03	U5DYB	0.0 U7DYB
RF	B93	RB90X110	11.00	0.0	U7DYB	5.143E-03	U5DYB	0.0 U7DYB
RF	B93	RB90X110	11.50	0.0	U7DYB	5.089E-03	U5DYB	0.0 U7DYB
RF	B93	RB90X110	12.00	0.0	U7DYB	4.969E-03	U5DYB	0.0 U7DYB
RF	B93	RB90X110	12.50	0.0	U7DYB	4.782E-03	U5DYB	0.0 U7DYB
RF	B93	RB90X110	13.00	0.0	U7DYB	4.558E-03	U5DYA	0.0 U7DYB
RF	B93	RB90X110	13.50	0.0	U7DYB	4.283E-03	U5DYA	0.0 U7DYB
RF	B93	RB90X110	14.00	0.0	U7DYB	3.949E-03	U5DYA	0.0 U7DYB
RF	B93	RB90X110	14.50	0.0	U7DYB	3.557E-03	U5DYA	0.0 U7DYB
RF	B93	RB90X110	15.00	0.0	U7DYB	3.108E-03	U5DYA	0.0 U7DYB
RF	B93	RB90X110	15.50	0.0	U7DYB	3.093E-03	U5DYA	0.0 U7DYB
RF	B93	RB90X110	16.00	0.0	U7DYB	2.725E-03	U5DYA	0.0 U7DYB
RF	B93	RB90X110	16.50	2.720E-04	U7DYA	1.908E-03	U5DYA	0.0 U7DYB
RF	B93	RB90X110	17.00	8.746E-04	U7DYA	1.023E-03	U5DYA	0.0 U7DYB
RF	B93	RB90X110	17.50	1.873E-03	U5DYA	4.087E-04	U7DYA	0.0 U7DYB
RF	B93	RB90X110	18.00	2.998E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B93	RB90X110	18.50	3.164E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B93	RB90X110	19.00	4.156E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B93	RB90X110	19.50	5.225E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B93	RB90X110	20.00	6.365E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B93	RB90X110	20.50	7.566E-03	U5DYA	0.0	U7DYB	0.0 U7DYB

RF	B94	RGG90X120	0.58	9.338E-03	U5DYA	4.498E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	1.07	8.060E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	1.57	6.858E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	2.06	5.737E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	2.56	4.692E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	3.05	3.721E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	3.55	3.412E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	4.04	2.947E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	4.54	2.947E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	5.03	2.947E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	5.53	2.947E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	6.03	2.947E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	6.52	2.947E-03	U5DYA	3.242E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	7.02	2.947E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B94	RGG90X120	7.51	2.947E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B94	RGG90X120	8.01	2.947E-03	U5DYA	3.656E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	8.50	2.947E-03	U5DYA	3.968E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	9.00	2.947E-03	U5DYA	4.232E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	9.49	2.947E-03	U5DYA	4.445E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	9.99	2.947E-03	U5DYA	4.609E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	10.49	2.947E-03	U5DYA	4.721E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	10.98	2.947E-03	U5DYA	4.781E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	11.48	2.947E-03	U5DYA	4.789E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	11.97	2.947E-03	U5DYA	4.743E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	12.47	2.947E-03	U5DYA	4.645E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	12.96	2.947E-03	U5DYA	4.493E-03	U5DYA	0.0 U7DYB

RF	B94	RGG90X120	13.46	2.947E-03	U5DYA	4.289E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	13.95	2.947E-03	U5DYA	4.031E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	14.45	2.947E-03	U5DYA	3.720E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	14.94	2.947E-03	U5DYA	3.412E-03	U7DYA	0.0 U7DYB
RF	B94	RGG90X120	15.44	2.947E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	15.94	2.947E-03	U5DYA	3.304E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	16.43	2.947E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	16.93	2.947E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	17.42	2.947E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	17.92	2.947E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	18.41	3.412E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	18.91	3.908E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	19.40	4.871E-03	U5DYA	2.947E-03	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	19.90	5.898E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB

RF	B95	RB90X110	0.00	1.035E-02	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	0.50	8.857E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	1.00	7.447E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	1.50	6.127E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	2.00	4.903E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	2.50	3.771E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	3.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	3.50	2.500E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	4.00	1.405E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	4.50	4.123E-04	U7DYA	4.831E-04	U5DYA	0.0 U7DYB
RF	B95	RB90X110	5.00	0.0	U7DYB	1.414E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	5.50	0.0	U7DYB	2.280E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	6.00	0.0	U7DYB	3.080E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B95	RB90X110	7.00	0.0	U7DYB	3.354E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	7.50	0.0	U7DYB	3.795E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	8.00	0.0	U7DYB	4.198E-03	U5DYB	0.0 U7DYB
RF	B95	RB90X110	8.50	0.0	U7DYB	4.538E-03	U5DYB	0.0 U7DYB
RF	B95	RB90X110	9.00	0.0	U7DYB	4.814E-03	U5DYB	0.0 U7DYB
RF	B95	RB90X110	9.50	0.0	U7DYB	5.024E-03	U5DYB	0.0 U7DYB
RF	B95	RB90X110	10.00	0.0	U7DYB	5.169E-03	U5DYB	0.0 U7DYB
RF	B95	RB90X110	10.50	0.0	U7DYB	5.246E-03	U5DYB	0.0 U7DYB
RF	B95	RB90X110	11.00	0.0	U7DYB	5.257E-03	U5DYB	0.0 U7DYB
RF	B95	RB90X110	11.50	0.0	U7DYB	5.214E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	12.00	0.0	U7DYB	5.118E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	12.50	0.0	U7DYB	4.960E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	13.00	0.0	U7DYB	4.742E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	13.50	0.0	U7DYB	4.463E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	14.00	0.0	U7DYB	4.125E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	14.50	0.0	U7DYB	3.728E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	15.00	0.0	U7DYB	3.275E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	15.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B95	RB90X110	16.00	0.0	U7DYB	2.935E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	16.50	3.962E-04	U7DYA	2.112E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	17.00	1.001E-03	U7DYA	1.221E-03	U5DYA	0.0 U7DYB
RF	B95	RB90X110	17.50	1.972E-03	U5DYA	5.727E-04	U7DYA	0.0 U7DYB
RF	B95	RB90X110	18.00	3.093E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	18.50	3.245E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	19.00	4.240E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	19.50	5.313E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	20.00	6.457E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B95	RB90X110	20.50	7.662E-03	U5DYA	0.0	U7DYB	0.0 U7DYB

RF	B96	RGG90X120	0.58	9.300E-03	U5DYA	4.480E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	1.07	8.029E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	1.57	6.833E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	2.06	5.718E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	2.56	4.680E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	3.05	3.717E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	3.55	3.412E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB

RF	B96	RGG90X120	4.04	2.936E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	4.54	2.936E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	5.03	2.936E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	5.53	2.936E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	6.03	2.936E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	6.52	2.936E-03	U5DYA	3.348E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	7.02	2.936E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B96	RGG90X120	7.51	2.936E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B96	RGG90X120	8.01	2.936E-03	U5DYA	3.757E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	8.50	2.936E-03	U5DYA	4.075E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	9.00	2.936E-03	U5DYA	4.344E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	9.49	2.936E-03	U5DYA	4.561E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	9.99	2.936E-03	U5DYA	4.727E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	10.49	2.936E-03	U5DYA	4.841E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	10.98	2.936E-03	U5DYA	4.902E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	11.48	2.936E-03	U5DYA	4.910E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	11.97	2.936E-03	U5DYA	4.864E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	12.47	2.936E-03	U5DYA	4.765E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	12.96	2.936E-03	U5DYA	4.611E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	13.46	2.936E-03	U5DYA	4.404E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	13.95	2.936E-03	U5DYA	4.144E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	14.45	2.936E-03	U5DYA	3.830E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	14.94	2.936E-03	U5DYA	3.465E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	15.44	2.936E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	15.94	2.936E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	16.43	2.936E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	16.93	2.936E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	17.42	2.936E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	17.92	3.039E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	18.41	3.412E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	18.91	4.004E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	19.40	4.968E-03	U5DYA	2.936E-03	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	19.90	5.995E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB

RF	B97	RB90X110	0.00	1.032E-02	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B97	RB90X110	0.50	8.835E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B97	RB90X110	1.00	7.428E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B97	RB90X110	1.50	6.110E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B97	RB90X110	2.00	4.888E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B97	RB90X110	2.50	3.758E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B97	RB90X110	3.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B97	RB90X110	3.50	2.500E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B97	RB90X110	4.00	1.412E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B97	RB90X110	4.50	4.377E-04	U7DYA	5.210E-04	U5DYA	0.0 U7DYB
RF	B97	RB90X110	5.00	0.0	U7DYB	1.458E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	5.50	0.0	U7DYB	2.330E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	6.00	0.0	U7DYB	3.093E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B97	RB90X110	7.00	0.0	U7DYB	3.403E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	7.50	0.0	U7DYB	3.847E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	8.00	0.0	U7DYB	4.235E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	8.50	0.0	U7DYB	4.565E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	9.00	0.0	U7DYB	4.836E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	9.50	0.0	U7DYB	5.048E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	10.00	0.0	U7DYB	5.199E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	10.50	0.0	U7DYB	5.288E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	11.00	0.0	U7DYB	5.316E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	11.50	0.0	U7DYB	5.282E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	12.00	0.0	U7DYB	5.187E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	12.50	0.0	U7DYB	5.030E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	13.00	0.0	U7DYB	4.812E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	13.50	0.0	U7DYB	4.534E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	14.00	0.0	U7DYB	4.196E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	14.50	0.0	U7DYB	3.800E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	15.00	0.0	U7DYB	3.346E-03	U5DYA	0.0 U7DYB

RF	B97	RB90X110	15.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B97	RB90X110	16.00	0.0	U7DYB	3.030E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	16.50	4.992E-04	U7DYA	2.207E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	17.00	1.106E-03	U7DYA	1.315E-03	U5DYA	0.0 U7DYB
RF	B97	RB90X110	17.50	2.098E-03	U5DYA	6.836E-04	U7DYA	0.0 U7DYB
RF	B97	RB90X110	18.00	3.093E-03	U5DYA	5.768E-05	U7DYA	0.0 U7DYB
RF	B97	RB90X110	18.50	3.346E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B97	RB90X110	19.00	4.345E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B97	RB90X110	19.50	5.422E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B97	RB90X110	20.00	6.570E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B97	RB90X110	20.50	7.779E-03	U5DYA	0.0	U7DYB	0.0 U7DYB

RF	B98	RGG90X120	0.58	9.191E-03	U5DYB	4.430E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	1.07	7.925E-03	U5DYA	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	1.57	6.738E-03	U5DYA	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	2.06	5.631E-03	U5DYA	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	2.56	4.601E-03	U5DYA	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	3.05	3.646E-03	U5DYA	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	3.55	3.412E-03	U5DYA	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	4.04	2.904E-03	U5DYB	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	4.54	2.904E-03	U5DYB	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	5.03	2.904E-03	U5DYB	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	5.53	2.904E-03	U5DYB	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	6.03	2.904E-03	U5DYB	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	6.52	2.904E-03	U5DYB	3.341E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	7.02	2.904E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	7.51	2.904E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	8.01	2.904E-03	U5DYB	3.778E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	8.50	2.904E-03	U5DYB	4.104E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	9.00	2.904E-03	U5DYB	4.380E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	9.49	2.904E-03	U5DYB	4.604E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	9.99	2.904E-03	U5DYB	4.776E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	10.49	2.904E-03	U5DYB	4.895E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	10.98	2.904E-03	U5DYB	4.960E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	11.48	2.904E-03	U5DYB	4.971E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	11.97	2.904E-03	U5DYB	4.928E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	12.47	2.904E-03	U5DYB	4.831E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	12.96	2.904E-03	U5DYB	4.679E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	13.46	2.904E-03	U5DYB	4.473E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	13.95	2.904E-03	U5DYB	4.213E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	14.45	2.904E-03	U5DYB	3.900E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	14.94	2.904E-03	U5DYB	3.534E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	15.44	2.904E-03	U5DYB	3.412E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	15.94	2.904E-03	U5DYB	3.412E-03	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	16.43	2.904E-03	U5DYB	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	16.93	2.904E-03	U5DYB	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	17.42	2.904E-03	U5DYB	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	17.92	3.155E-03	U5DYA	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	18.41	3.412E-03	U7DYA	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	18.91	4.092E-03	U5DYA	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	19.40	5.058E-03	U5DYA	2.904E-03	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	19.90	6.086E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB

RF	B99	RB90X110	0.00	1.032E-02	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B99	RB90X110	0.50	8.829E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B99	RB90X110	1.00	7.422E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B99	RB90X110	1.50	6.105E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B99	RB90X110	2.00	4.884E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B99	RB90X110	2.50	3.755E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B99	RB90X110	3.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B99	RB90X110	3.50	2.492E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B99	RB90X110	4.00	1.408E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B99	RB90X110	4.50	4.365E-04	U7DYA	5.184E-04	U5DYA	0.0 U7DYB
RF	B99	RB90X110	5.00	0.0	U7DYB	1.458E-03	U5DYA	0.0 U7DYB
RF	B99	RB90X110	5.50	0.0	U7DYB	2.334E-03	U5DYA	0.0 U7DYB

RF	B99	RB90X110	6.00	0.0	U7DYB	3.093E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B99	RB90X110	7.00	0.0	U7DYB	3.414E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	7.50	0.0	U7DYB	3.861E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	8.00	0.0	U7DYB	4.251E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	8.50	0.0	U7DYB	4.583E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	9.00	0.0	U7DYB	4.857E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	9.50	0.0	U7DYB	5.070E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	10.00	0.0	U7DYB	5.223E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	10.50	0.0	U7DYB	5.314E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	11.00	0.0	U7DYB	5.344E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	11.50	0.0	U7DYB	5.312E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	12.00	0.0	U7DYB	5.218E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	12.50	0.0	U7DYB	5.062E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	13.00	0.0	U7DYB	4.846E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	13.50	0.0	U7DYB	4.569E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	14.00	0.0	U7DYB	4.232E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	14.50	0.0	U7DYB	3.837E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	15.00	0.0	U7DYB	3.384E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	15.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B99	RB90X110	16.00	1.084E-06	U7DYA	3.083E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	16.50	5.580E-04	U7DYA	2.261E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	17.00	1.167E-03	U7DYA	1.370E-03	U5DYA	0.0	U7DYB
RF	B99	RB90X110	17.50	2.165E-03	U5DYA	7.436E-04	U7DYA	0.0	U7DYB
RF	B99	RB90X110	18.00	3.093E-03	U5DYA	1.188E-04	U7DYA	0.0	U7DYB
RF	B99	RB90X110	18.50	3.401E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	19.00	4.402E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	19.50	5.481E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	20.00	6.632E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	20.50	7.844E-03	U5DYA	0.0	U7DYB	0.0	U7DYB

RF	B100	RGG90X120	0.58	9.196E-03	U5DYA	4.432E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	1.07	7.931E-03	U5DYA	2.905E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	1.57	6.741E-03	U5DYA	2.905E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	2.06	5.632E-03	U5DYA	2.905E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	2.56	4.600E-03	U5DYA	2.905E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	3.05	3.643E-03	U5DYA	2.905E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	3.55	3.412E-03	U5DYA	2.905E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	4.04	2.905E-03	U5DYA	2.905E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	4.54	2.905E-03	U5DYA	2.905E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	5.03	2.905E-03	U5DYA	2.905E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	5.53	2.905E-03	U5DYA	2.905E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	6.03	2.905E-03	U5DYA	2.905E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	6.52	2.905E-03	U5DYA	3.328E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	7.02	2.905E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B100	RGG90X120	7.51	2.905E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B100	RGG90X120	8.01	2.905E-03	U5DYA	3.769E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	8.50	2.905E-03	U5DYA	4.096E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	9.00	2.905E-03	U5DYA	4.373E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	9.49	2.905E-03	U5DYA	4.599E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	9.99	2.905E-03	U5DYA	4.773E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	10.49	2.905E-03	U5DYA	4.894E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	10.98	2.905E-03	U5DYA	4.961E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	11.48	2.905E-03	U5DYA	4.975E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	11.97	2.905E-03	U5DYA	4.934E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	12.47	2.905E-03	U5DYA	4.839E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	12.96	2.905E-03	U5DYA	4.689E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	13.46	2.905E-03	U5DYA	4.486E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	13.95	2.905E-03	U5DYA	4.228E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	14.45	2.905E-03	U5DYA	3.917E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	14.94	2.905E-03	U5DYA	3.553E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	15.44	2.905E-03	U5DYA	3.412E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	15.94	2.905E-03	U5DYA	3.412E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	16.43	2.905E-03	U5DYA	2.905E-03	U5DYA	0.0	U7DYB
RF	B100	RGG90X120	16.93	2.905E-03	U5DYA	2.905E-03	U5DYA	0.0	U7DYB

RF	B100	RGG90X120	17.42	2.905E-03	U5DYA	2.905E-03	U5DYA	0.0 U7DYB
RF	B100	RGG90X120	17.92	3.207E-03	U5DYA	2.905E-03	U5DYA	0.0 U7DYB
RF	B100	RGG90X120	18.41	3.412E-03	U7DYA	2.905E-03	U5DYA	0.0 U7DYB
RF	B100	RGG90X120	18.91	4.137E-03	U5DYA	2.905E-03	U5DYA	0.0 U7DYB
RF	B100	RGG90X120	19.40	5.106E-03	U5DYA	2.905E-03	U5DYA	0.0 U7DYB
RF	B100	RGG90X120	19.90	6.137E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB

RF	B101	RB90X110	0.00	1.032E-02	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B101	RB90X110	0.50	8.835E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B101	RB90X110	1.00	7.427E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B101	RB90X110	1.50	6.109E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B101	RB90X110	2.00	4.887E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B101	RB90X110	2.50	3.757E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B101	RB90X110	3.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B101	RB90X110	3.50	2.492E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B101	RB90X110	4.00	1.404E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B101	RB90X110	4.50	4.292E-04	U7DYA	5.109E-04	U5DYA	0.0 U7DYB
RF	B101	RB90X110	5.00	0.0	U7DYB	1.447E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	5.50	0.0	U7DYB	2.320E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	6.00	0.0	U7DYB	3.093E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B101	RB90X110	7.00	0.0	U7DYB	3.398E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	7.50	0.0	U7DYB	3.844E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	8.00	0.0	U7DYB	4.233E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	8.50	0.0	U7DYB	4.564E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	9.00	0.0	U7DYB	4.837E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	9.50	0.0	U7DYB	5.050E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	10.00	0.0	U7DYB	5.202E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	10.50	0.0	U7DYB	5.293E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	11.00	0.0	U7DYB	5.323E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	11.50	0.0	U7DYB	5.291E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	12.00	0.0	U7DYB	5.197E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	12.50	0.0	U7DYB	5.042E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	13.00	0.0	U7DYB	4.826E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	13.50	0.0	U7DYB	4.549E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	14.00	0.0	U7DYB	4.213E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	14.50	0.0	U7DYB	3.818E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	15.00	0.0	U7DYB	3.366E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	15.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B101	RB90X110	16.00	0.0	U7DYB	3.061E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	16.50	5.395E-04	U7DYA	2.239E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	17.00	1.149E-03	U7DYA	1.349E-03	U5DYA	0.0 U7DYB
RF	B101	RB90X110	17.50	2.149E-03	U5DYA	7.250E-04	U7DYA	0.0 U7DYB
RF	B101	RB90X110	18.00	3.093E-03	U5DYA	1.010E-04	U7DYA	0.0 U7DYB
RF	B101	RB90X110	18.50	3.390E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B101	RB90X110	19.00	4.391E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B101	RB90X110	19.50	5.471E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B101	RB90X110	20.00	6.622E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B101	RB90X110	20.50	7.835E-03	U5DYA	0.0	U7DYB	0.0 U7DYB

RF	B102	RGG90X120	0.58	9.317E-03	U5DYA	4.488E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	1.07	8.042E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	1.57	6.842E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	2.06	5.722E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	2.56	4.681E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	3.05	3.713E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	3.55	3.412E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	4.04	2.941E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	4.54	2.941E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	5.03	2.941E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	5.53	2.941E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	6.03	2.941E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	6.52	2.941E-03	U5DYA	3.326E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	7.02	2.941E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B102	RGG90X120	7.51	2.941E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB

RF	B102	RGG90X120	8.01	2.941E-03	U5DYA	3.740E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	8.50	2.941E-03	U5DYA	4.059E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	9.00	2.941E-03	U5DYA	4.330E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	9.49	2.941E-03	U5DYA	4.550E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	9.99	2.941E-03	U5DYA	4.720E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	10.49	2.941E-03	U5DYA	4.838E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	10.98	2.941E-03	U5DYA	4.903E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	11.48	2.941E-03	U5DYA	4.915E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	11.97	2.941E-03	U5DYA	4.874E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	12.47	2.941E-03	U5DYA	4.780E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	12.96	2.941E-03	U5DYA	4.631E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	13.46	2.941E-03	U5DYA	4.429E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	13.95	2.941E-03	U5DYA	4.173E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	14.45	2.941E-03	U5DYA	3.864E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	14.94	2.941E-03	U5DYA	3.503E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	15.44	2.941E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	15.94	2.941E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	16.43	2.941E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	16.93	2.941E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	17.42	2.941E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	17.92	3.167E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	18.41	3.412E-03	U7DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	18.91	4.114E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	19.40	5.085E-03	U5DYA	2.941E-03	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	19.90	6.120E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB

RF	B103	RB90X110	0.00	1.033E-02	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B103	RB90X110	0.50	8.844E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B103	RB90X110	1.00	7.435E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B103	RB90X110	1.50	6.116E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B103	RB90X110	2.00	4.892E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B103	RB90X110	2.50	3.761E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B103	RB90X110	3.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B103	RB90X110	3.50	2.498E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B103	RB90X110	4.00	1.402E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B103	RB90X110	4.50	4.197E-04	U7DYA	5.026E-04	U5DYA	0.0 U7DYB
RF	B103	RB90X110	5.00	0.0	U7DYB	1.431E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	5.50	0.0	U7DYB	2.296E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	6.00	0.0	U7DYB	3.093E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B103	RB90X110	7.00	0.0	U7DYB	3.364E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	7.50	0.0	U7DYB	3.804E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	8.00	0.0	U7DYB	4.201E-03	U5DYB	0.0 U7DYB
RF	B103	RB90X110	8.50	0.0	U7DYB	4.541E-03	U5DYB	0.0 U7DYB
RF	B103	RB90X110	9.00	0.0	U7DYB	4.816E-03	U5DYB	0.0 U7DYB
RF	B103	RB90X110	9.50	0.0	U7DYB	5.025E-03	U5DYB	0.0 U7DYB
RF	B103	RB90X110	10.00	0.0	U7DYB	5.169E-03	U5DYB	0.0 U7DYB
RF	B103	RB90X110	10.50	0.0	U7DYB	5.246E-03	U5DYB	0.0 U7DYB
RF	B103	RB90X110	11.00	0.0	U7DYB	5.261E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	11.50	0.0	U7DYB	5.226E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	12.00	0.0	U7DYB	5.131E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	12.50	0.0	U7DYB	4.974E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	13.00	0.0	U7DYB	4.756E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	13.50	0.0	U7DYB	4.478E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	14.00	0.0	U7DYB	4.141E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	14.50	0.0	U7DYB	3.745E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	15.00	0.0	U7DYB	3.292E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	15.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B103	RB90X110	16.00	0.0	U7DYB	2.960E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	16.50	4.475E-04	U7DYA	2.139E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	17.00	1.055E-03	U7DYA	1.248E-03	U5DYA	0.0 U7DYB
RF	B103	RB90X110	17.50	2.055E-03	U5DYA	6.251E-04	U7DYA	0.0 U7DYB
RF	B103	RB90X110	18.00	3.093E-03	U5DYA	0.0	U7DYA	0.0 U7DYB
RF	B103	RB90X110	18.50	3.315E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B103	RB90X110	19.00	4.315E-03	U5DYA	0.0	U7DYB	0.0 U7DYB

RF	B103	RB90X110	19.50	5.393E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B103	RB90X110	20.00	6.541E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B103	RB90X110	20.50	7.751E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B104	RGG90X120	0.58	9.388E-03	U5DYA	4.521E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	1.07	8.108E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	1.57	6.904E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	2.06	5.779E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	2.56	4.733E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	3.05	3.760E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	3.55	3.412E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	4.04	2.962E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	4.54	2.962E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	5.03	2.962E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	5.53	2.962E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	6.03	2.962E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	6.52	2.962E-03	U5DYA	3.319E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	7.02	2.962E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B104	RGG90X120	7.51	2.962E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B104	RGG90X120	8.01	2.962E-03	U5DYA	3.701E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	8.50	2.962E-03	U5DYA	4.009E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	9.00	2.962E-03	U5DYA	4.269E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	9.49	2.962E-03	U5DYA	4.480E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	9.99	2.962E-03	U5DYA	4.640E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	10.49	2.962E-03	U5DYA	4.750E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	10.98	2.962E-03	U5DYA	4.808E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	11.48	2.962E-03	U5DYA	4.814E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	11.97	2.962E-03	U5DYA	4.768E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	12.47	2.962E-03	U5DYA	4.669E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	12.96	2.962E-03	U5DYA	4.517E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	13.46	2.962E-03	U5DYA	4.312E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	13.95	2.962E-03	U5DYA	4.054E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	14.45	2.962E-03	U5DYA	3.744E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	14.94	2.962E-03	U5DYA	3.412E-03	U7DYA	0.0 U7DYB
RF	B104	RGG90X120	15.44	2.962E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	15.94	2.962E-03	U5DYA	3.338E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	16.43	2.962E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	16.93	2.962E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	17.42	2.962E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	17.92	3.020E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	18.41	3.412E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	18.91	4.001E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	19.40	4.971E-03	U5DYA	2.962E-03	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	19.90	6.004E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B105	RB90X110	0.00	1.032E-02	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	0.50	8.831E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	1.00	7.423E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	1.50	6.105E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	2.00	4.883E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	2.50	3.752E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	3.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	3.50	2.482E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	4.00	1.382E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	4.50	3.980E-04	U7DYA	4.894E-04	U5DYA	0.0 U7DYB
RF	B105	RB90X110	5.00	0.0	U7DYB	1.410E-03	U5DYA	0.0 U7DYB
RF	B105	RB90X110	5.50	0.0	U7DYB	2.266E-03	U5DYA	0.0 U7DYB
RF	B105	RB90X110	6.00	0.0	U7DYB	3.056E-03	U5DYA	0.0 U7DYB
RF	B105	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B105	RB90X110	7.00	0.0	U7DYB	3.321E-03	U5DYA	0.0 U7DYB
RF	B105	RB90X110	7.50	0.0	U7DYB	3.782E-03	U5DYB	0.0 U7DYB
RF	B105	RB90X110	8.00	0.0	U7DYB	4.182E-03	U5DYB	0.0 U7DYB
RF	B105	RB90X110	8.50	0.0	U7DYB	4.519E-03	U5DYB	0.0 U7DYB
RF	B105	RB90X110	9.00	0.0	U7DYB	4.791E-03	U5DYB	0.0 U7DYB
RF	B105	RB90X110	9.50	0.0	U7DYB	4.998E-03	U5DYB	0.0 U7DYB

RF	B105	RB90X110	10.00	0.0	U7DYB	5.139E-03	U5DYB	0.0 U7DYB
RF	B105	RB90X110	10.50	0.0	U7DYB	5.213E-03	U5DYB	0.0 U7DYB
RF	B105	RB90X110	11.00	0.0	U7DYB	5.220E-03	U5DYB	0.0 U7DYB
RF	B105	RB90X110	11.50	0.0	U7DYB	5.160E-03	U5DYB	0.0 U7DYB
RF	B105	RB90X110	12.00	0.0	U7DYB	5.034E-03	U5DYB	0.0 U7DYB
RF	B105	RB90X110	12.50	0.0	U7DYB	4.862E-03	U5DYA	0.0 U7DYB
RF	B105	RB90X110	13.00	0.0	U7DYB	4.639E-03	U5DYA	0.0 U7DYB
RF	B105	RB90X110	13.50	0.0	U7DYB	4.357E-03	U5DYA	0.0 U7DYB
RF	B105	RB90X110	14.00	0.0	U7DYB	4.015E-03	U5DYA	0.0 U7DYB
RF	B105	RB90X110	14.50	0.0	U7DYB	3.616E-03	U5DYA	0.0 U7DYB
RF	B105	RB90X110	15.00	0.0	U7DYB	3.159E-03	U5DYA	0.0 U7DYB
RF	B105	RB90X110	15.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B105	RB90X110	16.00	0.0	U7DYB	2.773E-03	U5DYA	0.0 U7DYB
RF	B105	RB90X110	16.50	2.995E-04	U7DYA	1.947E-03	U5DYA	0.0 U7DYB
RF	B105	RB90X110	17.00	9.019E-04	U7DYA	1.053E-03	U5DYA	0.0 U7DYB
RF	B105	RB90X110	17.50	1.907E-03	U5DYA	4.356E-04	U7DYA	0.0 U7DYB
RF	B105	RB90X110	18.00	3.035E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	18.50	3.195E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	19.00	4.190E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	19.50	5.263E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	20.00	6.406E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B105	RB90X110	20.50	7.611E-03	U5DYA	0.0	U7DYB	0.0 U7DYB

RF	B106	RGG90X120	0.58	9.296E-03	U5DYA	4.478E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	1.07	8.025E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	1.57	6.829E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	2.06	5.713E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	2.56	4.673E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	3.05	3.706E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	3.55	3.412E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	4.04	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	4.54	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	5.03	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	5.53	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	6.03	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	6.52	2.935E-03	U5DYA	3.276E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	7.02	2.935E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B106	RGG90X120	7.51	2.935E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B106	RGG90X120	8.01	2.935E-03	U5DYA	3.644E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	8.50	2.935E-03	U5DYA	3.942E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	9.00	2.935E-03	U5DYA	4.190E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	9.49	2.935E-03	U5DYA	4.388E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	9.99	2.935E-03	U5DYA	4.535E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	10.49	2.935E-03	U5DYA	4.632E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	10.98	2.935E-03	U5DYA	4.677E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	11.48	2.935E-03	U5DYA	4.670E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	11.97	2.935E-03	U5DYA	4.611E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	12.47	2.935E-03	U5DYA	4.500E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	12.96	2.935E-03	U5DYA	4.337E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	13.46	2.935E-03	U5DYA	4.121E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	13.95	2.935E-03	U5DYA	3.852E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	14.45	2.935E-03	U5DYA	3.532E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	14.94	2.935E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B106	RGG90X120	15.44	2.935E-03	U5DYA	3.412E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	15.94	2.935E-03	U5DYA	3.020E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	16.43	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	16.93	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	17.42	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	17.92	2.935E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	18.41	3.412E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	18.91	3.809E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	19.40	4.771E-03	U5DYA	2.935E-03	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	19.90	5.796E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB

RF	B107	RB90X110	0.00	1.025E-02	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B107	RB90X110	0.50	8.766E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B107	RB90X110	1.00	7.365E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B107	RB90X110	1.50	6.053E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B107	RB90X110	2.00	4.836E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B107	RB90X110	2.50	3.711E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B107	RB90X110	3.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B107	RB90X110	3.50	2.420E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B107	RB90X110	4.00	1.324E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B107	RB90X110	4.50	3.498E-04	U7DYA	4.751E-04	U5DYA	0.0 U7DYB
RF	B107	RB90X110	5.00	0.0	U7DYB	1.386E-03	U5DYA	0.0 U7DYB
RF	B107	RB90X110	5.50	0.0	U7DYB	2.232E-03	U5DYA	0.0 U7DYB
RF	B107	RB90X110	6.00	0.0	U7DYB	3.010E-03	U5DYA	0.0 U7DYB
RF	B107	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	7.00	0.0	U7DYB	3.303E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	7.50	0.0	U7DYB	3.758E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	8.00	0.0	U7DYB	4.151E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	8.50	0.0	U7DYB	4.481E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	9.00	0.0	U7DYB	4.747E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	9.50	0.0	U7DYB	4.947E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	10.00	0.0	U7DYB	5.081E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	10.50	0.0	U7DYB	5.149E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	11.00	0.0	U7DYB	5.149E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	11.50	0.0	U7DYB	5.083E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	12.00	0.0	U7DYB	4.951E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	12.50	0.0	U7DYB	4.752E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	13.00	0.0	U7DYB	4.487E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	13.50	0.0	U7DYB	4.158E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	14.00	0.0	U7DYB	3.805E-03	U5DYA	0.0 U7DYB
RF	B107	RB90X110	14.50	0.0	U7DYB	3.396E-03	U5DYA	0.0 U7DYB
RF	B107	RB90X110	15.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B107	RB90X110	15.50	0.0	U7DYB	3.093E-03	U5DYA	0.0 U7DYB
RF	B107	RB90X110	16.00	0.0	U7DYB	2.448E-03	U5DYA	0.0 U7DYB
RF	B107	RB90X110	16.50	1.226E-04	U7DYA	1.612E-03	U5DYA	0.0 U7DYB
RF	B107	RB90X110	17.00	7.252E-04	U5DYA	7.150E-04	U7DYA	0.0 U7DYB
RF	B107	RB90X110	17.50	1.756E-03	U5DYA	1.204E-04	U7DYA	0.0 U7DYB
RF	B107	RB90X110	18.00	2.879E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B107	RB90X110	18.50	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B107	RB90X110	19.00	4.064E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B107	RB90X110	19.50	5.132E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B107	RB90X110	20.00	6.270E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B107	RB90X110	20.50	7.523E-03	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B108	RGG90X120	0.58	9.061E-03	U5DYA	4.370E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	1.07	7.812E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	1.57	6.636E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	2.06	5.538E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	2.56	4.516E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	3.05	3.565E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	3.55	3.412E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	4.04	2.865E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	4.54	2.865E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	5.03	2.865E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	5.53	2.865E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	6.03	2.865E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	6.52	2.865E-03	U5DYA	3.211E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	7.02	2.865E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B108	RGG90X120	7.51	2.865E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B108	RGG90X120	8.01	2.865E-03	U5DYA	3.555E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	8.50	2.865E-03	U5DYA	3.836E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	9.00	2.865E-03	U5DYA	4.065E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	9.49	2.865E-03	U5DYA	4.256E-03	U5DYB	0.0 U7DYB
RF	B108	RGG90X120	9.99	2.865E-03	U5DYA	4.400E-03	U5DYB	0.0 U7DYB
RF	B108	RGG90X120	10.49	2.865E-03	U5DYA	4.485E-03	U5DYB	0.0 U7DYB
RF	B108	RGG90X120	10.98	2.865E-03	U5DYA	4.511E-03	U5DYB	0.0 U7DYB
RF	B108	RGG90X120	11.48	2.865E-03	U5DYA	4.477E-03	U5DYB	0.0 U7DYB

RF	B108	RGG90X120	11.97	2.865E-03	U5DYA	4.384E-03	U5DYB	0.0 U7DYB
RF	B108	RGG90X120	12.47	2.865E-03	U5DYA	4.232E-03	U5DYB	0.0 U7DYB
RF	B108	RGG90X120	12.96	2.865E-03	U5DYA	4.030E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	13.46	2.865E-03	U5DYA	3.792E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	13.95	2.865E-03	U5DYA	3.504E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	14.45	2.865E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B108	RGG90X120	14.94	2.865E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB
RF	B108	RGG90X120	15.44	2.865E-03	U5DYA	3.112E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	15.94	2.865E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	16.43	2.865E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	16.93	2.865E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	17.42	2.865E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	17.92	2.865E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	18.41	3.412E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	18.91	3.658E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	19.40	4.615E-03	U5DYA	2.865E-03	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	19.90	5.636E-03	U5DYA	3.412E-03	U5DYB	0.0 U7DYB

RF	B109	RB90X110	0.00	1.006E-02	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	0.50	8.595E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	1.00	7.212E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	1.50	5.916E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	2.00	4.715E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	2.50	3.603E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	3.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	3.50	2.292E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	4.00	1.209E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	4.50	2.687E-04	U7DYA	4.924E-04	U5DYA	0.0 U7DYB
RF	B109	RB90X110	5.00	0.0	U7DYB	1.385E-03	U5DYA	0.0 U7DYB
RF	B109	RB90X110	5.50	0.0	U7DYB	2.211E-03	U5DYA	0.0 U7DYB
RF	B109	RB90X110	6.00	0.0	U7DYB	2.967E-03	U5DYA	0.0 U7DYB
RF	B109	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	7.00	0.0	U7DYB	3.277E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	7.50	0.0	U7DYB	3.718E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	8.00	0.0	U7DYB	4.096E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	8.50	0.0	U7DYB	4.411E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	9.00	0.0	U7DYB	4.661E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	9.50	0.0	U7DYB	4.846E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	10.00	0.0	U7DYB	4.965E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	10.50	0.0	U7DYB	5.017E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	11.00	0.0	U7DYB	5.003E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	11.50	0.0	U7DYB	4.922E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	12.00	0.0	U7DYB	4.774E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	12.50	0.0	U7DYB	4.561E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	13.00	0.0	U7DYB	4.282E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	13.50	0.0	U7DYB	3.940E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	14.00	0.0	U7DYB	3.534E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	15.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B109	RB90X110	15.50	0.0	U7DYB	2.670E-03	U5DYA	0.0 U7DYB
RF	B109	RB90X110	16.00	0.0	U7DYB	1.884E-03	U5DYA	0.0 U7DYB
RF	B109	RB90X110	16.50	0.0	U7DYB	1.030E-03	U5DYA	0.0 U7DYB
RF	B109	RB90X110	17.00	6.898E-04	U5DYA	2.230E-04	U7DYA	0.0 U7DYB
RF	B109	RB90X110	17.50	1.724E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	18.00	2.851E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	18.50	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	19.00	4.101E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	19.50	5.250E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	20.00	6.478E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B109	RB90X110	20.50	7.773E-03	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B110	RGG90X120	0.58	8.344E-03	U5DYA	4.036E-03	U5DYA	0.0 U7DYB
RF	B110	RGG90X120	1.07	7.185E-03	U5DYA	2.650E-03	U5DYA	0.0 U7DYB
RF	B110	RGG90X120	1.57	6.094E-03	U5DYA	2.650E-03	U5DYA	0.0 U7DYB
RF	B110	RGG90X120	2.06	5.075E-03	U5DYA	2.650E-03	U5DYA	0.0 U7DYB

RF	B110 RGG90X120	2.56	4.126E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	3.05	3.412E-03	U5DYB	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	3.55	3.231E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	4.04	2.650E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	4.54	2.650E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	5.03	2.650E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	5.53	2.650E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	6.03	2.650E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	6.52	2.650E-03	U5DYA	3.038E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	7.02	2.650E-03	U5DYA	3.412E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	7.51	2.650E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	8.01	2.650E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	8.50	2.650E-03	U5DYA	3.541E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	9.00	2.650E-03	U5DYA	3.762E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	9.49	2.650E-03	U5DYA	3.932E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	9.99	2.650E-03	U5DYA	4.046E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	10.49	2.650E-03	U5DYA	4.102E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	10.98	2.650E-03	U5DYA	4.102E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	11.48	2.650E-03	U5DYA	4.046E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	11.97	2.650E-03	U5DYA	3.933E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	12.47	2.650E-03	U5DYA	3.764E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	12.96	2.650E-03	U5DYA	3.541E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	13.46	2.650E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	13.95	2.650E-03	U5DYA	3.412E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	14.45	2.650E-03	U5DYA	3.396E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	14.94	2.650E-03	U5DYA	2.814E-03	U5DYB	0.0	U7DYB
RF	B110 RGG90X120	15.44	2.650E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	15.94	2.650E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	16.43	2.650E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	16.93	2.650E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	17.42	2.650E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	17.92	2.650E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	18.41	3.412E-03	U5DYB	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	18.91	3.574E-03	U5DYA	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	19.40	4.521E-03	U5DYB	2.650E-03	U5DYA	0.0	U7DYB
RF	B110 RGG90X120	19.90	5.565E-03	U5DYB	3.412E-03	U5DYB	0.0	U7DYB

RF	B111 RB90X110	0.00	8.926E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B111 RB90X110	0.50	7.629E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B111 RB90X110	1.00	6.401E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B111 RB90X110	1.50	5.253E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B111 RB90X110	2.00	4.186E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B111 RB90X110	2.50	3.198E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B111 RB90X110	3.00	3.093E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B111 RB90X110	3.50	2.046E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B111 RB90X110	4.00	1.078E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B111 RB90X110	4.50	2.393E-04	U7DYA	4.864E-04	U5DYA	0.0	U7DYB
RF	B111 RB90X110	5.00	0.0	U7DYB	1.278E-03	U5DYA	0.0	U7DYB
RF	B111 RB90X110	5.50	0.0	U7DYB	2.008E-03	U5DYA	0.0	U7DYB
RF	B111 RB90X110	6.00	0.0	U7DYB	2.674E-03	U5DYA	0.0	U7DYB
RF	B111 RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	7.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	7.50	0.0	U7DYB	3.316E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	8.00	0.0	U7DYB	3.645E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	8.50	0.0	U7DYB	3.916E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	9.00	0.0	U7DYB	4.130E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	9.50	0.0	U7DYB	4.284E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	10.00	0.0	U7DYB	4.379E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	10.50	0.0	U7DYB	4.414E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	11.00	0.0	U7DYB	4.390E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	11.50	0.0	U7DYB	4.306E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	12.00	0.0	U7DYB	4.163E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	12.50	0.0	U7DYB	3.961E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	13.00	0.0	U7DYB	3.701E-03	U5DYB	0.0	U7DYB
RF	B111 RB90X110	13.50	0.0	U7DYB	3.383E-03	U5DYB	0.0	U7DYB

RF	B111	RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B111	RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B111	RB90X110	15.00	0.0	U7DYB	2.795E-03	U5DYB	0.0 U7DYB
RF	B111	RB90X110	15.50	0.0	U7DYB	2.081E-03	U5DYB	0.0 U7DYB
RF	B111	RB90X110	16.00	0.0	U7DYB	1.317E-03	U5DYA	0.0 U7DYB
RF	B111	RB90X110	16.50	0.0	U7DYB	5.362E-04	U5DYA	0.0 U7DYB
RF	B111	RB90X110	17.00	6.642E-04	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B111	RB90X110	17.50	1.605E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B111	RB90X110	18.00	2.685E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B111	RB90X110	18.50	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B111	RB90X110	19.00	3.875E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B111	RB90X110	19.50	4.918E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B111	RB90X110	20.00	6.035E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B111	RB90X110	20.50	7.214E-03	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B112	RGG90X120	0.58	8.345E-03	U5DYB	4.037E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	1.07	7.120E-03	U5DYA	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	1.57	6.008E-03	U5DYA	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	2.06	4.971E-03	U5DYA	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	2.56	4.006E-03	U5DYA	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	3.05	3.412E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	3.55	3.040E-03	U5DYA	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	4.04	2.650E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	4.54	2.650E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	5.03	2.650E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	5.53	2.650E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	6.03	2.650E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	6.52	2.650E-03	U5DYB	3.109E-03	U5DYA	0.0 U7DYB
RF	B112	RGG90X120	7.02	2.650E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	7.51	2.650E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	8.01	2.650E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	8.50	2.650E-03	U5DYB	3.608E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	9.00	2.650E-03	U5DYB	3.821E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	9.49	2.650E-03	U5DYB	3.974E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	9.99	2.650E-03	U5DYB	4.068E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	10.49	2.650E-03	U5DYB	4.102E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	10.98	2.650E-03	U5DYB	4.076E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	11.48	2.650E-03	U5DYB	3.991E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	11.97	2.650E-03	U5DYB	3.846E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	12.47	2.650E-03	U5DYB	3.649E-03	U5EYB	0.0 U7DYB
RF	B112	RGG90X120	12.96	2.650E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	13.46	2.650E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	13.95	2.650E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	14.45	2.650E-03	U5DYB	3.037E-03	U5EYB	0.0 U7DYB
RF	B112	RGG90X120	14.94	2.650E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	15.44	2.650E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	15.94	2.650E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	16.43	2.650E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	16.93	2.650E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	17.42	2.650E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	17.92	3.314E-03	U5DYA	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	18.41	3.412E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	18.91	4.345E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	19.40	5.408E-03	U5DYB	2.650E-03	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	19.90	6.541E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB

RF	B113	RB90X110	0.00	1.086E-02	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	0.50	9.270E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	1.00	7.768E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	1.50	6.360E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	2.00	5.054E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	2.50	3.849E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	3.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	3.50	2.310E-03	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	4.00	1.150E-03	U5DYA	0.0	U7DYB	0.0 U7DYB

RF	B113	RB90X110	4.50	1.276E-04	U7DYA	3.826E-04	U5DYA	0.0 U7DYB
RF	B113	RB90X110	5.00	0.0	U7DYB	1.344E-03	U5DYA	0.0 U7DYB
RF	B113	RB90X110	5.50	0.0	U7DYB	2.242E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	6.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	7.00	0.0	U7DYB	3.478E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	7.50	0.0	U7DYB	3.944E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	8.00	0.0	U7DYB	4.342E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	8.50	0.0	U7DYB	4.670E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	9.00	0.0	U7DYB	4.926E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	9.50	0.0	U7DYB	5.109E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	10.00	0.0	U7DYB	5.220E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	10.50	0.0	U7DYB	5.257E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	11.00	0.0	U7DYB	5.220E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	11.50	0.0	U7DYB	5.109E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	12.00	0.0	U7DYB	4.926E-03	U5EYB	0.0 U7DYB
RF	B113	RB90X110	12.50	0.0	U7DYB	4.672E-03	U5EYB	0.0 U7DYB
RF	B113	RB90X110	13.00	0.0	U7DYB	4.346E-03	U5EYB	0.0 U7DYB
RF	B113	RB90X110	13.50	0.0	U7DYB	3.950E-03	U5EYB	0.0 U7DYB
RF	B113	RB90X110	14.00	0.0	U7DYB	3.485E-03	U5EYB	0.0 U7DYB
RF	B113	RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	15.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B113	RB90X110	15.50	0.0	U7DYB	2.258E-03	U5EYB	0.0 U7DYB
RF	B113	RB90X110	16.00	0.0	U7DYB	1.294E-03	U5EYB	0.0 U7DYB
RF	B113	RB90X110	16.50	0.0	U7DYB	3.232E-04	U5EYA	0.0 U7DYB
RF	B113	RB90X110	17.00	9.790E-04	U5EYA	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	17.50	2.193E-03	U5EYB	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	18.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	18.50	3.760E-03	U5EYB	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	19.00	4.958E-03	U5EYB	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	19.50	6.248E-03	U5EYB	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	20.00	7.625E-03	U5EYB	0.0	U7DYB	0.0 U7DYB
RF	B113	RB90X110	20.50	9.079E-03	U5EYB	0.0	U7DYB	0.0 U7DYB

RF	B114	RGG90X120	0.60	1.010E-02	U5DYB	4.850E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	1.09	8.702E-03	U5DYA	3.174E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	1.59	7.454E-03	U5DYA	3.174E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	2.08	6.289E-03	U5DYA	3.174E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	2.58	5.205E-03	U5DYA	3.174E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	3.07	4.198E-03	U5DYA	3.174E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	3.57	3.412E-03	U5DYB	3.174E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	4.06	3.199E-03	U5DYA	3.174E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	4.56	3.174E-03	U5DYB	3.174E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	5.05	3.174E-03	U5DYB	3.174E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	5.55	3.174E-03	U5DYB	3.174E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	6.04	3.174E-03	U5DYB	3.174E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	6.54	3.174E-03	U5DYB	3.174E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	7.03	3.174E-03	U5DYB	3.324E-03	U1	0.0 U7DYB
RF	B114	RGG90X120	7.53	3.174E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	8.02	3.174E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	8.52	3.174E-03	U5DYB	3.540E-03	U1	0.0 U7DYB
RF	B114	RGG90X120	9.01	3.174E-03	U5DYB	3.774E-03	U1	0.0 U7DYB
RF	B114	RGG90X120	9.51	3.174E-03	U5DYB	3.972E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	10.00	3.174E-03	U5DYB	4.127E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	10.50	3.174E-03	U5DYB	4.219E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	10.99	3.174E-03	U5DYB	4.249E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	11.49	3.174E-03	U5DYB	4.216E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	11.98	3.174E-03	U5DYB	4.120E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	12.48	3.174E-03	U5DYB	3.963E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	12.97	3.174E-03	U5DYB	3.744E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	13.47	3.174E-03	U5DYB	3.465E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	13.96	3.174E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	14.46	3.174E-03	U5DYB	3.412E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	14.95	3.174E-03	U5DYB	3.174E-03	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	15.45	3.174E-03	U5DYB	3.174E-03	U5DYB	0.0 U7DYB

RF	B114	RGG90X120	15.94	3.174E-03	U5DYB	3.174E-03	U5DYB	0.0	U7DYB
RF	B114	RGG90X120	16.44	3.174E-03	U5DYB	3.174E-03	U5DYB	0.0	U7DYB
RF	B114	RGG90X120	16.93	3.174E-03	U5DYB	3.174E-03	U5DYB	0.0	U7DYB
RF	B114	RGG90X120	17.43	3.174E-03	U5DYB	3.174E-03	U5DYB	0.0	U7DYB
RF	B114	RGG90X120	17.92	3.174E-03	U5DYB	3.174E-03	U5DYB	0.0	U7DYB
RF	B114	RGG90X120	18.42	3.412E-03	U5DYB	3.174E-03	U5DYB	0.0	U7DYB
RF	B114	RGG90X120	18.91	3.726E-03	U1	3.174E-03	U5DYB	0.0	U7DYB
RF	B114	RGG90X120	19.41	4.738E-03	U1	3.174E-03	U5DYB	0.0	U7DYB
RF	B114	RGG90X120	19.90	5.816E-03	U1	3.412E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	0.00	9.810E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	0.50	8.379E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	1.00	7.026E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	1.50	5.758E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	2.00	4.583E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	2.50	3.496E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	3.00	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	3.50	2.139E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	4.00	1.087E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	4.50	1.372E-04	U5DYA	3.780E-04	U7DYA	0.0	U7DYB
RF	B115	RB90X110	5.00	0.0	U7DYB	1.244E-03	U5DYA	0.0	U7DYB
RF	B115	RB90X110	5.50	0.0	U7DYB	2.054E-03	U1	0.0	U7DYB
RF	B115	RB90X110	6.00	0.0	U7DYB	2.830E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	7.00	0.0	U7DYB	3.141E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	7.50	0.0	U7DYB	3.559E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	8.00	0.0	U7DYB	3.915E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	8.50	0.0	U7DYB	4.206E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	9.00	0.0	U7DYB	4.432E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	9.50	0.0	U7DYB	4.593E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	10.00	0.0	U7DYB	4.688E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	10.50	0.0	U7DYB	4.716E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	11.00	0.0	U7DYB	4.678E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	11.50	0.0	U7DYB	4.573E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	12.00	0.0	U7DYB	4.402E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	12.50	0.0	U7DYB	4.166E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	13.00	0.0	U7DYB	3.865E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	13.50	0.0	U7DYB	3.500E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	15.00	0.0	U7DYB	2.718E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	15.50	0.0	U7DYB	1.911E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	16.00	0.0	U7DYB	1.029E-03	U5DYB	0.0	U7DYB
RF	B115	RB90X110	16.50	7.714E-05	U7DYA	1.442E-04	U5DYA	0.0	U7DYB
RF	B115	RB90X110	17.00	1.029E-03	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	17.50	2.163E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	18.00	3.093E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	18.50	3.560E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	19.00	4.653E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	19.50	5.834E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	20.00	7.094E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	20.50	8.425E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	0.00	9.402E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	0.50	8.005E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	1.00	6.682E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	1.50	5.443E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	2.00	4.294E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	2.50	3.233E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	3.00	3.007E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	3.50	1.808E-03	U5DYB	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	4.00	7.243E-04	U5DYA	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	4.50	0.0	U7DYB	3.864E-04	U5DYA	0.0	U7DYB
RF	B116	RB90X110	5.00	0.0	U7DYB	1.274E-03	U5DYB	0.0	U7DYB
RF	B116	RB90X110	5.50	0.0	U7DYB	2.126E-03	U5DYB	0.0	U7DYB

RF	B116	RB90X110	6.00	0.0	U7DYB	2.901E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	6.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	7.00	0.0	U7DYB	3.162E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	7.50	0.0	U7DYB	3.563E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	8.00	0.0	U7DYB	3.901E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	8.50	0.0	U7DYB	4.175E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	9.00	0.0	U7DYB	4.384E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	9.50	0.0	U7DYB	4.527E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	10.00	0.0	U7DYB	4.604E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	10.50	0.0	U7DYB	4.614E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	11.00	0.0	U7DYB	4.558E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	11.50	0.0	U7DYB	4.436E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	12.00	0.0	U7DYB	4.248E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	12.50	0.0	U7DYB	3.994E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	13.00	0.0	U7DYB	3.676E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	13.50	0.0	U7DYB	3.295E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	14.00	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	14.50	0.0	U7DYB	3.093E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	15.00	0.0	U7DYB	2.380E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	15.50	0.0	U7DYB	1.552E-03	U5DYB	0.0 U7DYB
RF	B116	RB90X110	16.00	0.0	U7DYB	6.500E-04	U5DYB	0.0 U7DYB
RF	B116	RB90X110	16.50	3.674E-04	U5DYA	0.0	U7DYB	0.0 U7DYB
RF	B116	RB90X110	17.00	1.422E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B116	RB90X110	17.50	2.587E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B116	RB90X110	18.00	3.093E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B116	RB90X110	18.50	3.924E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B116	RB90X110	19.00	5.042E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B116	RB90X110	19.50	6.249E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B116	RB90X110	20.00	7.538E-03	U5DYB	0.0	U7DYB	0.0 U7DYB
RF	B116	RB90X110	20.50	8.900E-03	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B121	G90X120	0.45	1.873E-03	U5EYB	9.315E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	0.95	1.311E-03	U5EYB	4.646E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	1.44	8.340E-04	U5EYA	4.646E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	1.94	4.646E-04	U5EYB	4.646E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	2.44	4.646E-04	U5EYB	4.646E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	2.94	4.646E-04	U5EYB	4.646E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	3.43	4.646E-04	U5EYB	5.967E-04	U2	0.0 U7DYB
RF	B121	G90X120	3.93	4.646E-04	U5EYB	7.503E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	4.43	4.646E-04	U5EYB	8.667E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	4.92	4.646E-04	U5EYB	9.261E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	5.42	4.646E-04	U5EYB	9.301E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	5.92	4.646E-04	U5EYB	8.726E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	6.42	4.646E-04	U5EYB	7.538E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	6.91	4.646E-04	U5EYB	5.850E-04	U5EYA	0.0 U7DYB
RF	B121	G90X120	7.41	4.646E-04	U5EYB	4.646E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	7.91	4.646E-04	U5EYB	4.646E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	8.41	4.673E-04	U5EYA	4.646E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	8.90	8.809E-04	U5EYA	4.646E-04	U5EYB	0.0 U7DYB
RF	B121	G90X120	9.40	1.347E-03	U5EYA	6.712E-04	U5EYA	0.0 U7DYB

RF	B126	RGB90X120	0.60	2.729E-04	U5EYA	4.655E-04	U2	4.741E-03	U7EXA
RF	B126	RGB90X120	1.08	1.371E-04	U7EYA	4.574E-04	U2	4.741E-03	U7EXA
RF	B126	RGB90X120	1.56	1.161E-04	U2	4.031E-04	U2	4.741E-03	U7EXA
RF	B126	RGB90X120	2.04	1.161E-04	U2	2.989E-04	U2	4.741E-03	U7EXA
RF	B126	RGB90X120	2.52	1.161E-04	U2	1.503E-04	U2	4.741E-03	U7EXA
RF	B126	RGB90X120	3.00	1.161E-04	U2	1.161E-04	U2	4.741E-03	U7EXA
RF	B126	RGB90X120	3.00	1.161E-04	U2	1.161E-04	U2	4.756E-03	U7EXA
RF	B126	RGB90X120	3.49	1.161E-04	U2	1.161E-04	U2	4.756E-03	U7EXA
RF	B126	RGB90X120	3.98	1.161E-04	U2	1.520E-04	U5EYA	4.756E-03	U7EXA
RF	B126	RGB90X120	4.47	1.161E-04	U2	1.953E-04	U5EYA	4.756E-03	U7EXA
RF	B126	RGB90X120	4.96	1.724E-04	U2	1.863E-04	U5EYA	4.756E-03	U7EXA
RF	B126	RGB90X120	5.45	3.404E-04	U2	1.700E-04	U2	4.756E-03	U7EXA

RF	B127	RGB90X120	0.55	1.945E-04	U5EXA	1.904E-04	U2	4.930E-03	U7DYA

RF	B127 RGB90X120	1.04	7.880E-05	U2	2.342E-04	U2	4.930E-03	U7DYA
RF	B127 RGB90X120	1.53	7.880E-05	U2	2.305E-04	U2	4.930E-03	U7DYA
RF	B127 RGB90X120	2.02	7.880E-05	U2	1.747E-04	U2	4.930E-03	U7DYA
RF	B127 RGB90X120	2.51	7.880E-05	U2	7.880E-05	U2	4.930E-03	U7DYA
RF	B127 RGB90X120	3.00	8.349E-05	U5EYA	7.880E-05	U2	4.930E-03	U7DYA
RF	B127 RGB90X120	3.00	7.880E-05	U2	7.880E-05	U2	4.930E-03	U7DYA
RF	B127 RGB90X120	3.49	7.880E-05	U2	7.880E-05	U2	4.930E-03	U7DYA
RF	B127 RGB90X120	3.98	7.880E-05	U2	9.696E-05	U5EYA	4.930E-03	U7DYA
RF	B127 RGB90X120	4.47	7.880E-05	U2	1.094E-04	U5EXA	4.930E-03	U7DYA
RF	B127 RGB90X120	4.96	1.640E-04	U2	7.880E-05	U2	4.930E-03	U7DYA
RF	B127 RGB90X120	5.45	3.156E-04	U2	1.577E-04	U2	4.930E-03	U7DYA
RF	B128 RGB90X120	0.55	2.109E-04	U5EXA	1.054E-04	U5EXA	0.0	U7DYB
RF	B128 RGB90X120	1.04	1.066E-04	U7EXA	1.625E-04	U2	0.0	U7DYB
RF	B128 RGB90X120	1.53	7.509E-05	U2	1.737E-04	U2	0.0	U7DYB
RF	B128 RGB90X120	2.02	7.509E-05	U2	1.330E-04	U2	0.0	U7DYB
RF	B128 RGB90X120	2.51	7.509E-05	U2	7.509E-05	U2	0.0	U7DYB
RF	B128 RGB90X120	3.00	8.595E-05	U5EYB	7.509E-05	U2	0.0	U7DYB
RF	B128 RGB90X120	3.00	8.306E-05	U5EXA	7.509E-05	U2	0.0	U7DYB
RF	B128 RGB90X120	3.49	7.509E-05	U2	7.509E-05	U2	0.0	U7DYB
RF	B128 RGB90X120	3.98	7.509E-05	U2	8.373E-05	U5EXA	0.0	U7DYB
RF	B128 RGB90X120	4.47	7.509E-05	U2	9.990E-05	U5EXA	0.0	U7DYB
RF	B128 RGB90X120	4.96	1.560E-04	U2	8.365E-05	U7EXA	0.0	U7DYB
RF	B128 RGB90X120	5.45	3.007E-04	U2	1.503E-04	U2	0.0	U7DYB
RF	B129 RGB90X120	0.55	2.336E-04	U5EXA	1.167E-04	U5EXA	0.0	U7DYB
RF	B129 RGB90X120	1.04	1.123E-04	U7EXA	1.187E-04	U5EXA	0.0	U7DYB
RF	B129 RGB90X120	1.53	6.969E-05	U5EXA	1.400E-04	U5EXA	0.0	U7DYB
RF	B129 RGB90X120	2.02	6.969E-05	U5EXA	1.092E-04	U5EXA	0.0	U7DYB
RF	B129 RGB90X120	2.51	6.969E-05	U5EXA	6.969E-05	U5EXA	0.0	U7DYB
RF	B129 RGB90X120	3.00	8.839E-05	U5EXB	6.969E-05	U5EXA	0.0	U7DYB
RF	B129 RGB90X120	3.00	8.614E-05	U5EXA	6.969E-05	U5EXA	0.0	U7DYB
RF	B129 RGB90X120	3.49	6.969E-05	U5EXA	6.969E-05	U5EXA	0.0	U7DYB
RF	B129 RGB90X120	3.98	6.969E-05	U5EXA	8.685E-05	U5EXA	0.0	U7DYB
RF	B129 RGB90X120	4.47	6.969E-05	U5EXA	1.061E-04	U5EXA	0.0	U7DYB
RF	B129 RGB90X120	4.96	1.397E-04	U5EXA	9.136E-05	U7EXA	0.0	U7DYB
RF	B129 RGB90X120	5.45	2.791E-04	U5EXA	1.394E-04	U5EXA	0.0	U7DYB
RF	B130 RGB90X120	0.55	2.527E-04	U5EXA	1.263E-04	U5EXA	0.0	U7DYB
RF	B130 RGB90X120	1.04	1.197E-04	U5EXA	1.080E-04	U7EXA	0.0	U7DYB
RF	B130 RGB90X120	1.53	6.770E-05	U5EXA	1.288E-04	U5EXA	0.0	U7DYB
RF	B130 RGB90X120	2.02	6.770E-05	U5EXA	1.013E-04	U5EXA	0.0	U7DYB
RF	B130 RGB90X120	2.51	6.770E-05	U5EXA	6.770E-05	U5EXA	0.0	U7DYB
RF	B130 RGB90X120	3.00	8.915E-05	U5EXB	6.770E-05	U5EXA	0.0	U7DYB
RF	B130 RGB90X120	3.00	8.806E-05	U5EXB	6.770E-05	U5EXA	0.0	U7DYB
RF	B130 RGB90X120	3.49	6.770E-05	U5EXA	6.770E-05	U5EXA	0.0	U7DYB
RF	B130 RGB90X120	3.98	6.770E-05	U5EXA	9.198E-05	U5EXA	0.0	U7DYB
RF	B130 RGB90X120	4.47	6.770E-05	U5EXA	1.147E-04	U5EXA	0.0	U7DYB
RF	B130 RGB90X120	4.96	1.339E-04	U5EXA	9.578E-05	U7EXA	0.0	U7DYB
RF	B130 RGB90X120	5.45	2.711E-04	U5EXA	1.354E-04	U5EXA	0.0	U7DYB
RF	B131 RGB90X120	0.55	2.528E-04	U5EXA	1.263E-04	U5EXA	0.0	U7DYB
RF	B131 RGB90X120	1.04	1.196E-04	U5EXA	1.062E-04	U7EXA	0.0	U7DYB
RF	B131 RGB90X120	1.53	6.716E-05	U5EXA	1.282E-04	U5EXA	0.0	U7DYB
RF	B131 RGB90X120	2.02	6.716E-05	U5EXA	1.010E-04	U5EXA	0.0	U7DYB
RF	B131 RGB90X120	2.51	6.716E-05	U5EXA	6.716E-05	U5EXA	0.0	U7DYB
RF	B131 RGB90X120	3.00	8.858E-05	U5EXB	6.716E-05	U5EXA	0.0	U7DYB
RF	B131 RGB90X120	3.00	8.755E-05	U5EXB	6.716E-05	U5EXA	0.0	U7DYB
RF	B131 RGB90X120	3.49	6.716E-05	U5EXA	6.716E-05	U5EXA	0.0	U7DYB
RF	B131 RGB90X120	3.98	6.716E-05	U5EXA	9.416E-05	U5EXA	0.0	U7DYB
RF	B131 RGB90X120	4.47	6.716E-05	U5EXA	1.176E-04	U5EXA	0.0	U7DYB
RF	B131 RGB90X120	4.96	1.322E-04	U5EXA	9.747E-05	U7EXA	0.0	U7DYB
RF	B131 RGB90X120	5.45	2.689E-04	U5EXA	1.344E-04	U5EXA	0.0	U7DYB
RF	B132 RGB90X120	0.55	2.537E-04	U5EXA	1.268E-04	U5EXA	0.0	U7DYB

RF	B132 RGB90X120	1.04	1.203E-04	U5EXA	1.042E-04	U7EXA	0.0	U7DYB
RF	B132 RGB90X120	1.53	6.660E-05	U5EXA	1.262E-04	U5EXA	0.0	U7DYB
RF	B132 RGB90X120	2.02	6.660E-05	U5EXA	9.962E-05	U5EXA	0.0	U7DYB
RF	B132 RGB90X120	2.51	6.660E-05	U5EXA	6.660E-05	U5EXA	0.0	U7DYB
RF	B132 RGB90X120	3.00	8.856E-05	U5EXB	6.660E-05	U5EXA	0.0	U7DYB
RF	B132 RGB90X120	3.00	8.769E-05	U5EXB	6.660E-05	U5EXA	0.0	U7DYB
RF	B132 RGB90X120	3.49	6.660E-05	U5EXA	6.660E-05	U5EXA	0.0	U7DYB
RF	B132 RGB90X120	3.98	6.660E-05	U5EXA	9.483E-05	U5EXA	0.0	U7DYB
RF	B132 RGB90X120	4.47	6.660E-05	U5EXA	1.186E-04	U5EXA	0.0	U7DYB
RF	B132 RGB90X120	4.96	1.305E-04	U5EXA	9.786E-05	U7EXA	0.0	U7DYB
RF	B132 RGB90X120	5.45	2.667E-04	U5EXA	1.333E-04	U5EXA	0.0	U7DYB
RF	B133 RGB90X120	0.55	2.536E-04	U5EXA	1.267E-04	U5EXA	0.0	U7DYB
RF	B133 RGB90X120	1.04	1.202E-04	U5EXA	1.013E-04	U7EXA	0.0	U7DYB
RF	B133 RGB90X120	1.53	6.592E-05	U5EXA	1.236E-04	U5EXA	0.0	U7DYB
RF	B133 RGB90X120	2.02	6.592E-05	U5EXA	9.789E-05	U5EXA	0.0	U7DYB
RF	B133 RGB90X120	2.51	6.592E-05	U5EXA	6.592E-05	U5EXA	0.0	U7DYB
RF	B133 RGB90X120	3.00	8.864E-05	U5EXB	6.592E-05	U5EXA	0.0	U7DYB
RF	B133 RGB90X120	3.00	8.791E-05	U5EXB	6.592E-05	U5EXA	0.0	U7DYB
RF	B133 RGB90X120	3.49	6.592E-05	U5EXA	6.592E-05	U5EXA	0.0	U7DYB
RF	B133 RGB90X120	3.98	6.592E-05	U5EXA	9.472E-05	U5EXA	0.0	U7DYB
RF	B133 RGB90X120	4.47	6.592E-05	U5EXA	1.184E-04	U5EXA	0.0	U7DYB
RF	B133 RGB90X120	4.96	1.284E-04	U5EXA	9.728E-05	U7EXA	0.0	U7DYB
RF	B133 RGB90X120	5.45	2.640E-04	U5EXA	1.319E-04	U5EXA	0.0	U7DYB
RF	B134 RGB90X120	0.55	2.534E-04	U5EXA	1.266E-04	U5EXA	0.0	U7DYB
RF	B134 RGB90X120	1.04	1.201E-04	U5EXA	9.659E-05	U7EXA	0.0	U7DYB
RF	B134 RGB90X120	1.53	6.485E-05	U5EXA	1.192E-04	U5EXA	0.0	U7DYB
RF	B134 RGB90X120	2.02	6.485E-05	U5EXA	9.485E-05	U5EXA	0.0	U7DYB
RF	B134 RGB90X120	2.51	6.485E-05	U5EXA	6.485E-05	U5EXA	0.0	U7DYB
RF	B134 RGB90X120	3.00	8.897E-05	U5EXB	6.485E-05	U5EXA	0.0	U7DYB
RF	B134 RGB90X120	3.00	8.848E-05	U5EXB	6.485E-05	U5EXA	0.0	U7DYB
RF	B134 RGB90X120	3.49	6.485E-05	U5EXA	6.485E-05	U5EXA	0.0	U7DYB
RF	B134 RGB90X120	3.98	6.485E-05	U5EXA	9.378E-05	U5EXA	0.0	U7DYB
RF	B134 RGB90X120	4.47	6.485E-05	U5EXA	1.172E-04	U5EXA	0.0	U7DYB
RF	B134 RGB90X120	4.96	1.252E-04	U5EXA	9.548E-05	U7EXA	0.0	U7DYB
RF	B134 RGB90X120	5.45	2.597E-04	U5EXA	1.297E-04	U5EXA	0.0	U7DYB
RF	B135 RGB90X120	0.55	2.552E-04	U5EXA	1.275E-04	U5EXA	4.930E-03	U7DYA
RF	B135 RGB90X120	1.04	1.216E-04	U5EXA	8.742E-05	U7EXA	4.930E-03	U7DYA
RF	B135 RGB90X120	1.53	6.372E-05	U5EXA	1.103E-04	U5EXA	4.930E-03	U7DYA
RF	B135 RGB90X120	2.02	6.372E-05	U5EXA	8.901E-05	U5EXA	4.930E-03	U7DYA
RF	B135 RGB90X120	2.51	6.372E-05	U5EXA	6.372E-05	U5EXA	4.930E-03	U7DYA
RF	B135 RGB90X120	3.00	8.895E-05	U5EXB	6.372E-05	U5EXA	4.930E-03	U7DYA
RF	B135 RGB90X120	3.00	8.942E-05	U5EXB	6.372E-05	U5EXA	4.930E-03	U7DYA
RF	B135 RGB90X120	3.49	6.372E-05	U5EXA	6.372E-05	U5EXA	4.930E-03	U7DYA
RF	B135 RGB90X120	3.98	6.372E-05	U5EXA	9.292E-05	U5EXA	4.930E-03	U7DYA
RF	B135 RGB90X120	4.47	6.372E-05	U5EXA	1.162E-04	U5EXA	4.930E-03	U7DYA
RF	B135 RGB90X120	4.96	1.156E-04	U5EXA	9.279E-05	U7EXA	4.930E-03	U7DYA
RF	B135 RGB90X120	5.45	2.474E-04	U5EXA	1.236E-04	U5EXA	4.930E-03	U7DYA
RF	B136 RGB90X120	0.55	2.614E-04	U5EXA	1.306E-04	U5EXA	4.930E-03	U7DYA
RF	B136 RGB90X120	1.04	1.258E-04	U5EXA	7.196E-05	U7EXA	4.930E-03	U7DYA
RF	B136 RGB90X120	1.53	6.527E-05	U5EXA	9.624E-05	U5EXA	4.930E-03	U7DYA
RF	B136 RGB90X120	2.02	6.527E-05	U5EXA	8.196E-05	U5EXA	4.930E-03	U7DYA
RF	B136 RGB90X120	2.51	6.527E-05	U5EXA	6.527E-05	U5EXA	4.930E-03	U7DYA
RF	B136 RGB90X120	3.00	8.425E-05	U2	6.527E-05	U5EXA	4.930E-03	U7DYA
RF	B136 RGB90X120	3.00	9.274E-05	U2	6.527E-05	U5EXA	4.930E-03	U7DYA
RF	B136 RGB90X120	3.49	6.527E-05	U5EXA	6.527E-05	U5EXA	4.930E-03	U7DYA
RF	B136 RGB90X120	3.98	6.527E-05	U5EXA	1.018E-04	U5EXA	4.930E-03	U7DYA
RF	B136 RGB90X120	4.47	6.527E-05	U5EXA	1.284E-04	U5EXA	4.930E-03	U7DYA
RF	B136 RGB90X120	4.96	8.048E-05	U7EXA	1.027E-04	U5EXA	4.930E-03	U7DYA
RF	B136 RGB90X120	5.45	1.997E-04	U5EXA	9.979E-05	U5EXA	4.930E-03	U7DYA
RF	B137 RGB90X120	0.55	3.959E-04	U2	1.977E-04	U2	4.930E-03	U7DYB

RF	B137 RGB90X120	1.05	2.455E-04	U2	9.881E-05	U2	4.930E-03	U7DYB
RF	B137 RGB90X120	1.55	1.446E-04	U2	9.881E-05	U2	4.930E-03	U7DYB
RF	B137 RGB90X120	2.05	9.881E-05	U2	9.881E-05	U2	4.930E-03	U7DYB
RF	B137 RGB90X120	2.55	9.881E-05	U2	9.881E-05	U2	4.930E-03	U7DYB
RF	B137 RGB90X120	2.55	9.881E-05	U2	9.881E-05	U2	4.930E-03	U7DYB
RF	B137 RGB90X120	3.05	9.881E-05	U2	9.881E-05	U2	4.930E-03	U7DYB
RF	B137 RGB90X120	3.55	9.881E-05	U2	9.881E-05	U2	4.930E-03	U7DYB
RF	B137 RGB90X120	4.05	9.881E-05	U2	9.881E-05	U2	4.930E-03	U7DYB
RF	B137 RGB90X120	4.55	1.981E-04	U5EXA	9.898E-05	U5EXA	4.930E-03	U7DYB
RF	B138 RGB90X120	0.55	5.576E-04	U2	2.784E-04	U2	4.930E-03	U7DYA
RF	B138 RGB90X120	1.03	3.561E-04	U2	1.391E-04	U2	4.930E-03	U7DYA
RF	B138 RGB90X120	1.52	2.013E-04	U2	1.391E-04	U2	4.930E-03	U7DYA
RF	B138 RGB90X120	2.00	1.391E-04	U2	1.391E-04	U2	4.930E-03	U7DYA
RF	B138 RGB90X120	2.48	1.391E-04	U2	1.391E-04	U2	4.930E-03	U7DYA
RF	B138 RGB90X120	2.97	1.391E-04	U2	1.391E-04	U2	4.930E-03	U7DYA
RF	B138 RGB90X120	3.45	1.418E-04	U1	1.391E-04	U2	4.930E-03	U7DYA
RF	B138 RGB90X120	3.45	1.449E-04	U2	1.391E-04	U2	4.930E-03	U7DYA
RF	B138 RGB90X120	3.93	1.391E-04	U2	1.391E-04	U2	4.930E-03	U7DYA
RF	B138 RGB90X120	4.42	1.391E-04	U2	1.657E-04	U2	4.930E-03	U7DYA
RF	B138 RGB90X120	4.90	1.391E-04	U2	2.569E-04	U2	4.930E-03	U7DYA
RF	B138 RGB90X120	5.38	1.391E-04	U2	2.961E-04	U2	4.930E-03	U7DYA
RF	B138 RGB90X120	5.87	1.494E-04	U5EXA	2.825E-04	U2	4.930E-03	U7DYA
RF	B138 RGB90X120	6.35	3.025E-04	U5EXA	2.226E-04	U2	4.930E-03	U7DYA
RF	B139 RGB90X120	0.55	2.588E-04	U2	1.293E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	1.04	1.429E-04	U2	1.429E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	1.53	1.429E-04	U2	1.737E-04	U5EYA	4.930E-03	U7DYB
RF	B139 RGB90X120	2.02	1.429E-04	U2	1.610E-04	U5EYA	4.930E-03	U7DYB
RF	B139 RGB90X120	2.51	1.429E-04	U2	1.429E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	3.00	1.429E-04	U2	1.429E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	3.00	1.429E-04	U2	1.429E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	3.50	1.429E-04	U2	1.429E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	4.00	1.429E-04	U2	2.127E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	4.50	1.429E-04	U2	2.634E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	5.00	1.429E-04	U2	2.599E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	5.50	1.429E-04	U2	2.076E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	6.00	1.429E-04	U2	1.429E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	6.00	1.429E-04	U2	1.429E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	6.49	1.429E-04	U2	2.928E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	6.98	1.429E-04	U2	4.358E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	7.47	1.429E-04	U2	5.321E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	7.96	1.429E-04	U2	5.763E-04	U2	4.930E-03	U7DYB
RF	B139 RGB90X120	8.45	3.829E-05	U7EYA	5.728E-04	U2	4.930E-03	U7DYB
4F	B1 G90X120	0.60	4.457E-04	U5EYA	2.226E-04	U5EYA	0.0	U7DYB
4F	B1 G90X120	1.09	2.860E-04	U5EYA	1.463E-04	U2	0.0	U7DYB
4F	B1 G90X120	1.57	1.518E-04	U5EYA	1.824E-04	U2	0.0	U7DYB
4F	B1 G90X120	2.06	1.112E-04	U5EYA	1.944E-04	U2	0.0	U7DYB
4F	B1 G90X120	2.54	1.112E-04	U5EYA	1.823E-04	U2	0.0	U7DYB
4F	B1 G90X120	3.03	1.112E-04	U5EYA	1.459E-04	U2	0.0	U7DYB
4F	B1 G90X120	3.51	1.112E-04	U5EYA	1.332E-04	U5EYA	0.0	U7DYB
4F	B1 G90X120	4.00	1.112E-04	U5EYA	1.417E-04	U5EYA	0.0	U7DYB
4F	B1 G90X120	4.48	1.112E-04	U5EYA	1.251E-04	U5EYA	0.0	U7DYB
4F	B1 G90X120	4.97	2.407E-04	U2	1.112E-04	U5EYA	0.0	U7DYB
4F	B1 G90X120	5.45	3.981E-04	U2	1.988E-04	U2	0.0	U7DYB
4F	B2 G90X120	0.55	3.884E-04	U5EXA	1.940E-04	U5EXA	0.0	U7DYB
4F	B2 G90X120	1.04	2.359E-04	U5EXA	9.695E-05	U5EXA	0.0	U7DYB
4F	B2 G90X120	1.53	1.092E-04	U5EXA	1.284E-04	U2	0.0	U7DYB
4F	B2 G90X120	2.02	9.695E-05	U5EXA	1.584E-04	U2	0.0	U7DYB
4F	B2 G90X120	2.51	9.695E-05	U5EXA	1.637E-04	U2	0.0	U7DYB
4F	B2 G90X120	3.00	9.695E-05	U5EXA	1.444E-04	U2	0.0	U7DYB
4F	B2 G90X120	3.49	9.695E-05	U5EXA	1.480E-04	U5EYA	0.0	U7DYB
4F	B2 G90X120	3.98	9.695E-05	U5EXA	1.391E-04	U5EXA	0.0	U7DYB

4F	B2	G90X120	4.47	9.695E-05	U5EXA	1.119E-04	U5EXA	0.0	U7DYB
4F	B2	G90X120	4.96	1.791E-04	U2	9.695E-05	U5EXA	0.0	U7DYB
4F	B2	G90X120	5.45	3.219E-04	U2	1.608E-04	U2	0.0	U7DYB
4F	B3	G90X120	0.55	3.025E-04	U7EXA	1.511E-04	U7EXA	0.0	U7DYB
4F	B3	G90X120	1.04	1.867E-04	U7EXA	1.057E-04	U5EXA	0.0	U7DYB
4F	B3	G90X120	1.53	1.057E-04	U5EXA	1.415E-04	U5EXA	0.0	U7DYB
4F	B3	G90X120	2.02	1.057E-04	U5EXA	1.606E-04	U5EXA	0.0	U7DYB
4F	B3	G90X120	2.51	1.057E-04	U5EXA	1.541E-04	U5EXA	0.0	U7DYB
4F	B3	G90X120	3.00	1.057E-04	U5EXA	1.311E-04	U5EYB	0.0	U7DYB
4F	B3	G90X120	3.49	1.057E-04	U5EXA	1.191E-04	U5EXA	0.0	U7DYB
4F	B3	G90X120	3.98	1.057E-04	U5EXA	1.057E-04	U5EXA	0.0	U7DYB
4F	B3	G90X120	4.47	1.282E-04	U5EXA	1.057E-04	U5EXA	0.0	U7DYB
4F	B3	G90X120	4.96	2.630E-04	U5EXA	1.057E-04	U5EXA	0.0	U7DYB
4F	B3	G90X120	5.45	4.237E-04	U5EXA	2.116E-04	U5EXA	0.0	U7DYB
4F	B4	G90X120	0.55	3.691E-04	U5EXA	1.844E-04	U5EXA	0.0	U7DYB
4F	B4	G90X120	1.04	2.235E-04	U5EXA	9.701E-05	U5EXA	0.0	U7DYB
4F	B4	G90X120	1.53	1.037E-04	U5EXA	9.777E-05	U7EXA	0.0	U7DYB
4F	B4	G90X120	2.02	9.701E-05	U5EXA	1.229E-04	U5EXA	0.0	U7DYB
4F	B4	G90X120	2.51	9.701E-05	U5EXA	1.267E-04	U5EXA	0.0	U7DYB
4F	B4	G90X120	3.00	9.701E-05	U5EXA	1.212E-04	U1	0.0	U7DYB
4F	B4	G90X120	3.49	9.701E-05	U5EXA	1.187E-04	U5EXA	0.0	U7DYB
4F	B4	G90X120	3.98	9.701E-05	U5EXA	1.102E-04	U5EXA	0.0	U7DYB
4F	B4	G90X120	4.47	1.140E-04	U5EXA	9.701E-05	U5EXA	0.0	U7DYB
4F	B4	G90X120	4.96	2.384E-04	U5EXA	9.701E-05	U5EXA	0.0	U7DYB
4F	B4	G90X120	5.45	3.887E-04	U5EXA	1.941E-04	U5EXA	0.0	U7DYB
4F	B5	G90X120	0.55	3.646E-04	U5EXA	1.821E-04	U5EXA	0.0	U7DYB
4F	B5	G90X120	1.04	2.190E-04	U5EXA	9.751E-05	U5EXA	0.0	U7DYB
4F	B5	G90X120	1.53	1.006E-04	U7EXA	9.884E-05	U5EXA	0.0	U7DYB
4F	B5	G90X120	2.02	9.751E-05	U5EXA	1.272E-04	U5EXA	0.0	U7DYB
4F	B5	G90X120	2.51	9.751E-05	U5EXA	1.302E-04	U5EXA	0.0	U7DYB
4F	B5	G90X120	3.00	9.751E-05	U5EXA	1.204E-04	U1	0.0	U7DYB
4F	B5	G90X120	3.49	9.751E-05	U5EXA	1.230E-04	U5EXA	0.0	U7DYB
4F	B5	G90X120	3.98	9.751E-05	U5EXA	1.145E-04	U5EXA	0.0	U7DYB
4F	B5	G90X120	4.47	1.142E-04	U5EXA	9.751E-05	U5EXA	0.0	U7DYB
4F	B5	G90X120	4.96	2.395E-04	U5EXA	9.751E-05	U5EXA	0.0	U7DYB
4F	B5	G90X120	5.45	3.907E-04	U5EXA	1.951E-04	U5EXA	0.0	U7DYB
4F	B6	G90X120	0.55	3.698E-04	U5EXA	1.847E-04	U5EXA	0.0	U7DYB
4F	B6	G90X120	1.04	2.232E-04	U5EXA	9.677E-05	U5EXA	0.0	U7DYB
4F	B6	G90X120	1.53	1.024E-04	U5EXA	9.677E-05	U5EXA	0.0	U7DYB
4F	B6	G90X120	2.02	9.677E-05	U5EXA	1.247E-04	U5EXA	0.0	U7DYB
4F	B6	G90X120	2.51	9.677E-05	U5EXA	1.285E-04	U5EXA	0.0	U7DYB
4F	B6	G90X120	3.00	9.677E-05	U5EXA	1.199E-04	U1	0.0	U7DYB
4F	B6	G90X120	3.49	9.677E-05	U5EXA	1.240E-04	U5EXA	0.0	U7DYB
4F	B6	G90X120	3.98	9.677E-05	U5EXA	1.166E-04	U5EXA	0.0	U7DYB
4F	B6	G90X120	4.47	1.128E-04	U5EXA	9.677E-05	U5EXA	0.0	U7DYB
4F	B6	G90X120	4.96	2.373E-04	U5EXA	9.677E-05	U5EXA	0.0	U7DYB
4F	B6	G90X120	5.45	3.877E-04	U5EXA	1.936E-04	U5EXA	0.0	U7DYB
4F	B7	G90X120	0.55	3.709E-04	U5EXA	1.853E-04	U5EXA	0.0	U7DYB
4F	B7	G90X120	1.04	2.240E-04	U5EXA	9.634E-05	U5EXA	0.0	U7DYB
4F	B7	G90X120	1.53	1.029E-04	U5EXA	9.634E-05	U5EXA	0.0	U7DYB
4F	B7	G90X120	2.02	9.634E-05	U5EXA	1.239E-04	U5EXA	0.0	U7DYB
4F	B7	G90X120	2.51	9.634E-05	U5EXA	1.280E-04	U5EXA	0.0	U7DYB
4F	B7	G90X120	3.00	9.634E-05	U5EXA	1.197E-04	U1	0.0	U7DYB
4F	B7	G90X120	3.49	9.634E-05	U5EXA	1.247E-04	U5EXA	0.0	U7DYB
4F	B7	G90X120	3.98	9.634E-05	U5EXA	1.176E-04	U5EXA	0.0	U7DYB
4F	B7	G90X120	4.47	1.118E-04	U5EXA	9.634E-05	U5EXA	0.0	U7DYB
4F	B7	G90X120	4.96	2.360E-04	U5EXA	9.634E-05	U5EXA	0.0	U7DYB
4F	B7	G90X120	5.45	3.860E-04	U5EXA	1.928E-04	U5EXA	0.0	U7DYB
4F	B8	G90X120	0.55	3.715E-04	U5EXA	1.856E-04	U5EXA	0.0	U7DYB

4F	B8	G90X120	1.04	2.245E-04	U5EXA	9.589E-05	U5EXA	0.0	U7DYB
4F	B8	G90X120	1.53	1.032E-04	U5EXA	9.589E-05	U5EXA	0.0	U7DYB
4F	B8	G90X120	2.02	9.589E-05	U5EXA	1.228E-04	U5EXA	0.0	U7DYB
4F	B8	G90X120	2.51	9.589E-05	U5EXA	1.273E-04	U5EXA	0.0	U7DYB
4F	B8	G90X120	3.00	9.589E-05	U5EXA	1.195E-04	U1	0.0	U7DYB
4F	B8	G90X120	3.49	9.589E-05	U5EXA	1.249E-04	U5EXA	0.0	U7DYB
4F	B8	G90X120	3.98	9.589E-05	U5EXA	1.179E-04	U5EXA	0.0	U7DYB
4F	B8	G90X120	4.47	1.108E-04	U5EXA	9.589E-05	U5EXA	0.0	U7DYB
4F	B8	G90X120	4.96	2.346E-04	U5EXA	9.589E-05	U5EXA	0.0	U7DYB
4F	B8	G90X120	5.45	3.842E-04	U5EXA	1.919E-04	U5EXA	0.0	U7DYB
4F	B9	G90X120	0.55	3.722E-04	U5EXA	1.859E-04	U5EXA	0.0	U7DYB
4F	B9	G90X120	1.04	2.250E-04	U5EXA	9.514E-05	U5EXA	0.0	U7DYB
4F	B9	G90X120	1.53	1.037E-04	U5EXA	9.514E-05	U5EXA	0.0	U7DYB
4F	B9	G90X120	2.02	9.514E-05	U5EXA	1.210E-04	U5EXA	0.0	U7DYB
4F	B9	G90X120	2.51	9.514E-05	U5EXA	1.262E-04	U5EXA	0.0	U7DYB
4F	B9	G90X120	3.00	9.514E-05	U5EXA	1.193E-04	U1	0.0	U7DYB
4F	B9	G90X120	3.49	9.514E-05	U5EXA	1.249E-04	U5EXA	0.0	U7DYB
4F	B9	G90X120	3.98	9.514E-05	U5EXA	1.180E-04	U5EXA	0.0	U7DYB
4F	B9	G90X120	4.47	1.092E-04	U5EXA	9.514E-05	U5EXA	0.0	U7DYB
4F	B9	G90X120	4.96	2.322E-04	U5EXA	9.514E-05	U5EXA	0.0	U7DYB
4F	B9	G90X120	5.45	3.811E-04	U5EXA	1.904E-04	U5EXA	0.0	U7DYB
4F	B10	G90X120	0.55	3.737E-04	U5EXA	1.866E-04	U5EXA	0.0	U7DYB
4F	B10	G90X120	1.04	2.262E-04	U5EXA	9.379E-05	U5EXA	0.0	U7DYB
4F	B10	G90X120	1.53	1.047E-04	U5EXA	9.379E-05	U5EXA	0.0	U7DYB
4F	B10	G90X120	2.02	9.379E-05	U5EXA	1.179E-04	U5EXA	0.0	U7DYB
4F	B10	G90X120	2.51	9.379E-05	U5EXA	1.243E-04	U5EXA	0.0	U7DYB
4F	B10	G90X120	3.00	9.379E-05	U5EXA	1.191E-04	U1	0.0	U7DYB
4F	B10	G90X120	3.49	9.379E-05	U5EXA	1.249E-04	U5EXA	0.0	U7DYB
4F	B10	G90X120	3.98	9.379E-05	U5EXA	1.182E-04	U5EXA	0.0	U7DYB
4F	B10	G90X120	4.47	1.062E-04	U5EXA	9.379E-05	U5EXA	0.0	U7DYB
4F	B10	G90X120	4.96	2.280E-04	U5EXA	9.379E-05	U5EXA	0.0	U7DYB
4F	B10	G90X120	5.45	3.757E-04	U5EXA	1.877E-04	U5EXA	0.0	U7DYB
4F	B11	G90X120	0.55	3.773E-04	U5EXA	1.885E-04	U5EXA	0.0	U7DYB
4F	B11	G90X120	1.04	2.291E-04	U5EXA	9.419E-05	U5EXA	0.0	U7DYB
4F	B11	G90X120	1.53	1.068E-04	U5EXA	9.419E-05	U5EXA	0.0	U7DYB
4F	B11	G90X120	2.02	9.419E-05	U5EXA	1.129E-04	U5EXA	0.0	U7DYB
4F	B11	G90X120	2.51	9.419E-05	U5EXA	1.231E-04	U5EXA	0.0	U7DYB
4F	B11	G90X120	3.00	9.419E-05	U5EXA	1.206E-04	U1	0.0	U7DYB
4F	B11	G90X120	3.49	9.419E-05	U5EXA	1.259E-04	U5EXA	0.0	U7DYB
4F	B11	G90X120	3.98	9.419E-05	U5EXA	1.200E-04	U5EXA	0.0	U7DYB
4F	B11	G90X120	4.47	9.419E-05	U5EXA	9.419E-05	U5EXA	0.0	U7DYB
4F	B11	G90X120	4.96	2.104E-04	U5EXA	9.419E-05	U5EXA	0.0	U7DYB
4F	B11	G90X120	5.45	3.542E-04	U5EXA	1.769E-04	U5EXA	0.0	U7DYB
4F	B12	G90X120	0.55	3.044E-04	U5EXA	1.521E-04	U5EXA	0.0	U7DYB
4F	B12	G90X120	1.05	1.713E-04	U5EXA	8.650E-05	U7EXA	0.0	U7DYB
4F	B12	G90X120	1.55	8.067E-05	U5EXA	9.228E-05	U5EXA	0.0	U7DYB
4F	B12	G90X120	2.05	8.067E-05	U5EXA	8.978E-05	U5EXA	0.0	U7DYB
4F	B12	G90X120	2.55	8.067E-05	U5EXA	8.067E-05	U5EXA	0.0	U7DYB
4F	B12	G90X120	3.05	8.067E-05	U5EXA	9.362E-05	U5EXA	0.0	U7DYB
4F	B12	G90X120	3.55	8.067E-05	U5EXA	9.521E-05	U7EXA	0.0	U7DYB
4F	B12	G90X120	4.05	1.870E-04	U5EXA	8.898E-05	U7EXA	0.0	U7DYB
4F	B12	G90X120	4.55	3.231E-04	U5EXA	1.614E-04	U5EXA	0.0	U7DYB
4F	B13	G90X120	0.55	6.503E-04	U2	3.246E-04	U2	0.0	U7DYB
4F	B13	G90X120	1.03	4.518E-04	U2	1.621E-04	U2	0.0	U7DYB
4F	B13	G90X120	1.52	2.778E-04	U2	1.621E-04	U2	0.0	U7DYB
4F	B13	G90X120	2.00	1.621E-04	U2	1.621E-04	U2	0.0	U7DYB
4F	B13	G90X120	2.48	1.621E-04	U2	1.621E-04	U2	0.0	U7DYB
4F	B13	G90X120	2.97	1.621E-04	U2	1.621E-04	U2	0.0	U7DYB
4F	B13	G90X120	3.45	1.621E-04	U2	1.849E-04	U5EYB	0.0	U7DYB
4F	B13	G90X120	3.93	1.621E-04	U2	2.300E-04	U2	0.0	U7DYB

4F	B13	G90X120	4.42	1.621E-04	U2	2.597E-04	U2	0.0	U7DYB
4F	B13	G90X120	4.90	1.621E-04	U2	2.653E-04	U2	0.0	U7DYB
4F	B13	G90X120	5.38	1.621E-04	U2	2.469E-04	U2	0.0	U7DYB
4F	B13	G90X120	5.87	1.846E-04	U7EXA	2.045E-04	U2	0.0	U7DYB
4F	B13	G90X120	6.35	3.111E-04	U5EXA	1.554E-04	U5EXA	0.0	U7DYB
4F	B14	G90X120	0.55	6.244E-04	U5EYA	3.117E-04	U5EYA	0.0	U7DYB
4F	B14	G90X120	1.04	4.204E-04	U5EYA	1.956E-04	U5EYA	0.0	U7DYB
4F	B14	G90X120	1.54	2.430E-04	U5EYA	1.956E-04	U5EYA	0.0	U7DYB
4F	B14	G90X120	2.03	1.956E-04	U5EYA	1.956E-04	U5EYA	0.0	U7DYB
4F	B14	G90X120	2.53	1.956E-04	U5EYA	1.956E-04	U5EYA	0.0	U7DYB
4F	B14	G90X120	3.02	1.956E-04	U5EYA	2.146E-04	U5EYA	0.0	U7DYB
4F	B14	G90X120	3.51	1.956E-04	U5EYA	2.565E-04	U5EYB	0.0	U7DYB
4F	B14	G90X120	4.01	1.956E-04	U5EYA	2.874E-04	U5DXB	0.0	U7DYB
4F	B14	G90X120	4.50	1.956E-04	U5EYA	2.923E-04	U1	0.0	U7DYB
4F	B14	G90X120	4.99	1.956E-04	U5EYA	2.723E-04	U1	0.0	U7DYB
4F	B14	G90X120	5.49	1.956E-04	U5EYA	2.412E-04	U2	0.0	U7DYB
4F	B14	G90X120	5.98	1.956E-04	U5EYA	1.956E-04	U5EYA	0.0	U7DYB
4F	B14	G90X120	6.48	1.956E-04	U5EYA	1.956E-04	U5EYA	0.0	U7DYB
4F	B14	G90X120	6.97	1.983E-04	U5EYA	1.956E-04	U5EYA	0.0	U7DYB
4F	B14	G90X120	7.46	3.673E-04	U5EYA	1.956E-04	U5EYA	0.0	U7DYB
4F	B14	G90X120	7.96	5.628E-04	U5EYA	1.956E-04	U5EYA	0.0	U7DYB
4F	B14	G90X120	8.45	7.850E-04	U5EYA	3.916E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	0.60	1.035E-03	U5EYA	5.158E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	1.08	7.819E-04	U5EYA	2.575E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	1.57	5.550E-04	U5EYA	2.575E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	2.05	3.538E-04	U5EYA	2.575E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	2.54	2.575E-04	U5EYA	2.575E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	3.02	2.575E-04	U5EYA	2.575E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	3.51	2.575E-04	U5EYA	2.710E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	3.99	2.575E-04	U5EYA	3.294E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	4.47	2.575E-04	U5EYA	3.627E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	4.96	2.575E-04	U5EYA	3.914E-04	U1	0.0	U7DYB
4F	B17	G90X120	5.44	2.575E-04	U5EYA	3.964E-04	U1	0.0	U7DYB
4F	B17	G90X120	5.93	2.575E-04	U5EYA	3.732E-04	U1	0.0	U7DYB
4F	B17	G90X120	6.41	2.575E-04	U5EYA	3.242E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	6.89	2.575E-04	U5EYA	2.742E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	7.38	2.575E-04	U5EYA	2.575E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	7.86	2.575E-04	U5EYA	2.575E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	8.35	2.728E-04	U5EYA	2.575E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	8.83	4.654E-04	U5EYA	2.575E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	9.32	6.836E-04	U5EYA	2.575E-04	U5EYA	0.0	U7DYB
4F	B17	G90X120	9.80	9.275E-04	U5EYA	4.626E-04	U5EYA	0.0	U7DYB
4F	B24G100X150-C		0.60	4.175E-03	U1	2.071E-03	U1	0.0	U7DYB
4F	B24G100X150-C		1.09	3.550E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C		1.59	2.960E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C		2.08	2.404E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C		2.58	1.886E-03	U5EYB	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C		3.07	1.421E-03	U5EYA	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C		3.57	1.031E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C		4.06	1.031E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C		4.56	1.031E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C		5.05	1.031E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C		5.55	1.031E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C		6.04	1.031E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C		6.54	1.031E-03	U1	1.084E-03	U1	0.0	U7DYB
4F	B24G100X150-C		7.03	1.031E-03	U1	1.312E-03	U1	0.0	U7DYB
4F	B24G100X150-C		7.53	1.031E-03	U1	1.508E-03	U1	0.0	U7DYB
4F	B24G100X150-C		8.02	1.031E-03	U1	1.672E-03	U1	0.0	U7DYB
4F	B24G100X150-C		8.52	1.031E-03	U1	1.805E-03	U1	0.0	U7DYB
4F	B24G100X150-C		9.01	1.031E-03	U1	1.905E-03	U1	0.0	U7DYB
4F	B24G100X150-C		9.51	1.031E-03	U1	1.973E-03	U1	0.0	U7DYB
4F	B24G100X150-C		10.00	1.031E-03	U1	2.008E-03	U1	0.0	U7DYB

4F	B24G100X150-C	10.50	1.031E-03	U1	2.011E-03	U1	0.0	U7DYB
4F	B24G100X150-C	10.99	1.031E-03	U1	1.983E-03	U1	0.0	U7DYB
4F	B24G100X150-C	11.49	1.031E-03	U1	1.921E-03	U1	0.0	U7DYB
4F	B24G100X150-C	11.98	1.031E-03	U1	1.828E-03	U1	0.0	U7DYB
4F	B24G100X150-C	12.48	1.031E-03	U1	1.702E-03	U1	0.0	U7DYB
4F	B24G100X150-C	12.97	1.031E-03	U1	1.545E-03	U1	0.0	U7DYB
4F	B24G100X150-C	13.47	1.031E-03	U1	1.355E-03	U1	0.0	U7DYB
4F	B24G100X150-C	13.96	1.031E-03	U1	1.134E-03	U1	0.0	U7DYB
4F	B24G100X150-C	14.46	1.031E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C	14.95	1.031E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C	15.45	1.031E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C	15.94	1.031E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C	16.44	1.031E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C	16.93	1.031E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C	17.43	1.338E-03	U5EYA	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C	17.92	1.788E-03	U5EYB	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C	18.42	2.294E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C	18.91	2.842E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C	19.41	3.424E-03	U1	1.031E-03	U1	0.0	U7DYB
4F	B24G100X150-C	19.90	4.043E-03	U1	2.005E-03	U1	0.0	U7DYB

4F	B55	G30X50	0.25	1.878E-03	U5DXA	8.855E-04	U5DXA	7.296E-04	U5DYA
4F	B55	G30X50	0.74	1.344E-03	U5DXA	4.571E-04	U5DXB	7.296E-04	U5DYA
4F	B55	G30X50	1.23	8.792E-04	U5DXA	4.571E-04	U5DXB	7.296E-04	U5DYA
4F	B55	G30X50	1.71	4.823E-04	U5DXA	4.571E-04	U5DXB	7.296E-04	U5DYA
4F	B55	G30X50	2.20	4.571E-04	U5DXB	4.571E-04	U7DXA	7.296E-04	U5DYA
4F	B55	G30X50	2.69	4.571E-04	U5DXB	5.909E-04	U5DXA	7.296E-04	U5DYA
4F	B55	G30X50	3.18	4.571E-04	U5DXB	6.892E-04	U5DXA	7.296E-04	U5DYA
4F	B55	G30X50	3.67	4.571E-04	U5DXB	7.346E-04	U5DXA	7.296E-04	U5DYA
4F	B55	G30X50	4.16	4.571E-04	U5DXB	7.577E-04	U5DXB	7.296E-04	U5DYA
4F	B55	G30X50	4.64	4.571E-04	U5DXB	7.660E-04	U5DXB	7.296E-04	U5DYA
4F	B55	G30X50	5.13	4.571E-04	U5DXB	7.576E-04	U5DXA	7.296E-04	U5DYA
4F	B55	G30X50	5.62	4.571E-04	U5DXB	7.278E-04	U5DXA	7.296E-04	U5DYA
4F	B55	G30X50	6.11	4.571E-04	U5DXB	6.446E-04	U5DXA	7.296E-04	U5DYA
4F	B55	G30X50	6.60	4.571E-04	U5DXB	5.095E-04	U5DXA	7.296E-04	U5DYA
4F	B55	G30X50	7.09	4.571E-04	U7DXA	4.571E-04	U5DXB	7.296E-04	U5DYA
4F	B55	G30X50	7.57	7.750E-04	U5DXA	4.571E-04	U5DXB	7.296E-04	U5DYA
4F	B55	G30X50	8.06	1.217E-03	U5DXA	4.571E-04	U5DXB	7.296E-04	U5DYA
4F	B55	G30X50	8.55	1.724E-03	U5DXA	8.173E-04	U5DXA	7.296E-04	U5DYA

4F	B56	G30X50	0.25	1.298E-03	U5DYA	9.520E-04	U7DYA	7.296E-04	U5DYA
4F	B56	G30X50	0.75	7.557E-04	U5DYA	6.783E-04	U7DYA	7.296E-04	U5DYA
4F	B56	G30X50	1.25	4.108E-04	U7DYA	4.571E-04	U7DYA	7.296E-04	U5DYA
4F	B56	G30X50	1.75	4.088E-04	U5DYA	4.088E-04	U5DYA	7.296E-04	U5DYA
4F	B56	G30X50	2.25	4.088E-04	U5DYA	4.957E-04	U5DYA	7.296E-04	U5DYA
4F	B56	G30X50	2.75	6.133E-04	U7DYA	8.324E-04	U5DYA	7.296E-04	U5DYA
4F	B56	G30X50	3.25	1.024E-03	U7DYA	1.144E-03	U5DYA	7.296E-04	U5DYA

4F	B58	G30X50	0.25	1.125E-03	U5DYA	1.048E-03	U7DYA	7.296E-04	U5DYA
4F	B58	G30X50	0.75	6.751E-04	U7DYA	7.478E-04	U5DYA	7.296E-04	U5DYA
4F	B58	G30X50	1.25	3.956E-04	U5DYA	4.571E-04	U7DYA	7.296E-04	U5DYA
4F	B58	G30X50	1.75	3.956E-04	U5DYA	3.956E-04	U5DYA	7.296E-04	U5DYA
4F	B58	G30X50	2.25	4.154E-04	U7DYA	4.571E-04	U7DYA	7.296E-04	U5DYA
4F	B58	G30X50	2.75	7.392E-04	U5DYA	6.849E-04	U7DYA	7.296E-04	U5DYA
4F	B58	G30X50	3.25	1.254E-03	U5DYA	9.767E-04	U7DYA	7.296E-04	U5DYA

4F	B60	G30X50	0.25	1.623E-03	U5DXA	7.722E-04	U5DXA	0.0	U7DYB
4F	B60	G30X50	0.74	1.132E-03	U5DXA	4.571E-04	U5DXB	0.0	U7DYB
4F	B60	G30X50	1.23	7.042E-04	U5DXA	4.571E-04	U5DXB	0.0	U7DYB
4F	B60	G30X50	1.71	4.571E-04	U5DXB	4.571E-04	U7DXA	0.0	U7DYB
4F	B60	G30X50	2.20	4.571E-04	U5DXB	5.255E-04	U5DXA	0.0	U7DYB
4F	B60	G30X50	2.69	4.571E-04	U5DXB	6.557E-04	U5DXA	0.0	U7DYB
4F	B60	G30X50	3.18	4.571E-04	U5DXB	7.338E-04	U5DXA	0.0	U7DYB
4F	B60	G30X50	3.67	4.571E-04	U5DXB	7.585E-04	U5DXA	0.0	U7DYB
4F	B60	G30X50	4.16	4.571E-04	U5DXB	7.687E-04	U5DXB	0.0	U7DYB

4F	B60	G30X50	4.64	4.571E-04	U5DXB	7.575E-04	U5DXB	0.0	U7DYB
4F	B60	G30X50	5.13	4.571E-04	U5DXB	7.303E-04	U5DXA	0.0	U7DYB
4F	B60	G30X50	5.62	4.571E-04	U5DXB	6.756E-04	U5DXA	0.0	U7DYB
4F	B60	G30X50	6.11	4.571E-04	U5DXB	5.682E-04	U5DXA	0.0	U7DYB
4F	B60	G30X50	6.60	4.571E-04	U5DXB	4.571E-04	U7DXA	0.0	U7DYB
4F	B60	G30X50	7.09	5.165E-04	U5DXA	4.571E-04	U5DXB	0.0	U7DYB
4F	B60	G30X50	7.57	9.203E-04	U5DXA	4.571E-04	U5DXB	0.0	U7DYB
4F	B60	G30X50	8.06	1.393E-03	U5DXA	4.571E-04	U5DXB	0.0	U7DYB
4F	B60	G30X50	8.55	1.937E-03	U5DXA	9.113E-04	U5DXA	0.0	U7DYB
4F	B61	G90X120	0.45	1.001E-03	U5EYA	4.992E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	0.93	7.476E-04	U5EYA	2.514E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	1.42	5.199E-04	U5EYA	2.514E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	1.90	3.178E-04	U5EYA	2.514E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	2.39	2.514E-04	U5EYA	2.514E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	2.87	2.514E-04	U5EYA	2.554E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	3.36	2.514E-04	U5EYA	3.281E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	3.84	2.514E-04	U5EYA	3.759E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	4.32	2.514E-04	U5EYA	4.007E-04	U5EYB	0.0	U7DYB
4F	B61	G90X120	4.81	2.514E-04	U5EYA	4.270E-04	U1	0.0	U7DYB
4F	B61	G90X120	5.29	2.514E-04	U5EYA	4.271E-04	U1	0.0	U7DYB
4F	B61	G90X120	5.78	2.514E-04	U5EYA	3.989E-04	U1	0.0	U7DYB
4F	B61	G90X120	6.26	2.514E-04	U5EYA	3.689E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	6.74	2.514E-04	U5EYA	3.199E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	7.23	2.514E-04	U5EYA	2.514E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	7.71	2.514E-04	U5EYA	2.514E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	8.20	3.225E-04	U5EYA	2.514E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	8.68	5.258E-04	U5EYA	2.514E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	9.17	7.549E-04	U5EYA	2.514E-04	U5EYA	0.0	U7DYB
4F	B61	G90X120	9.65	1.010E-03	U5EYA	5.035E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	0.60	1.023E-03	U5EYA	5.103E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	1.10	7.589E-04	U5EYA	2.613E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	1.59	5.216E-04	U5EYA	2.613E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	2.09	3.114E-04	U5EYA	2.613E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	2.59	2.613E-04	U5EYA	2.613E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	3.09	2.613E-04	U5EYA	2.613E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	3.58	2.613E-04	U5EYA	3.319E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	4.08	2.613E-04	U5EYA	3.846E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	4.58	2.613E-04	U5EYA	4.196E-04	U5EYB	0.0	U7DYB
4F	B85	G90X120	5.08	2.613E-04	U5EYA	4.489E-04	U1	0.0	U7DYB
4F	B85	G90X120	5.57	2.613E-04	U5EYA	4.487E-04	U1	0.0	U7DYB
4F	B85	G90X120	6.07	2.613E-04	U5EYA	4.188E-04	U1	0.0	U7DYB
4F	B85	G90X120	6.57	2.613E-04	U5EYA	3.863E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	7.07	2.613E-04	U5EYA	3.316E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	7.56	2.613E-04	U5EYA	2.613E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	8.06	2.613E-04	U5EYA	2.613E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	8.56	3.314E-04	U5EYA	2.613E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	9.06	5.437E-04	U5EYA	2.613E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	9.55	7.831E-04	U5EYA	2.613E-04	U5EYA	0.0	U7DYB
4F	B85	G90X120	10.05	1.050E-03	U5EYA	5.234E-04	U5EYA	0.0	U7DYB
4F	B88G100X150-C		0.60	4.039E-03	U1	2.003E-03	U1	0.0	U7DYB
4F	B88G100X150-C		1.09	3.421E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C		1.59	2.838E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C		2.08	2.290E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C		2.58	1.777E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C		3.07	1.326E-03	U5EYA	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C		3.57	1.032E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C		4.06	1.032E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C		4.56	1.032E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C		5.05	1.032E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C		5.55	1.032E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C		6.04	1.032E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C		6.54	1.032E-03	U1	1.136E-03	U1	0.0	U7DYB

4F	B88G100X150-C	7.03	1.032E-03	U1	1.357E-03	U1	0.0	U7DYB
4F	B88G100X150-C	7.53	1.032E-03	U1	1.546E-03	U1	0.0	U7DYB
4F	B88G100X150-C	8.02	1.032E-03	U1	1.703E-03	U1	0.0	U7DYB
4F	B88G100X150-C	8.52	1.032E-03	U1	1.829E-03	U1	0.0	U7DYB
4F	B88G100X150-C	9.01	1.032E-03	U1	1.922E-03	U1	0.0	U7DYB
4F	B88G100X150-C	9.51	1.032E-03	U1	1.983E-03	U1	0.0	U7DYB
4F	B88G100X150-C	10.00	1.032E-03	U1	2.012E-03	U1	0.0	U7DYB
4F	B88G100X150-C	10.50	1.032E-03	U1	2.008E-03	U1	0.0	U7DYB
4F	B88G100X150-C	10.99	1.032E-03	U1	1.972E-03	U1	0.0	U7DYB
4F	B88G100X150-C	11.49	1.032E-03	U1	1.904E-03	U1	0.0	U7DYB
4F	B88G100X150-C	11.98	1.032E-03	U1	1.804E-03	U1	0.0	U7DYB
4F	B88G100X150-C	12.48	1.032E-03	U1	1.672E-03	U1	0.0	U7DYB
4F	B88G100X150-C	12.97	1.032E-03	U1	1.507E-03	U1	0.0	U7DYB
4F	B88G100X150-C	13.47	1.032E-03	U1	1.311E-03	U1	0.0	U7DYB
4F	B88G100X150-C	13.96	1.032E-03	U1	1.083E-03	U1	0.0	U7DYB
4F	B88G100X150-C	14.46	1.032E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C	14.95	1.032E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C	15.45	1.032E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C	15.94	1.032E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C	16.44	1.032E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C	16.93	1.032E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C	17.43	1.433E-03	U5EYA	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C	17.92	1.900E-03	U5EYB	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C	18.42	2.409E-03	U5EYB	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C	18.91	2.963E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C	19.41	3.553E-03	U1	1.032E-03	U1	0.0	U7DYB
4F	B88G100X150-C	19.90	4.179E-03	U1	2.073E-03	U1	0.0	U7DYB

4F	B121 G90X120	0.45	8.804E-04	U5EYA	4.391E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	0.95	6.373E-04	U5EYA	2.457E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	1.44	4.214E-04	U5EYA	2.457E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	1.94	2.457E-04	U5EYA	2.457E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	2.44	2.457E-04	U5EYA	2.457E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	2.94	2.457E-04	U5EYA	2.457E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	3.43	2.457E-04	U5EYA	2.758E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	3.93	2.457E-04	U5EYA	3.232E-04	U1	0.0	U7DYB
4F	B121 G90X120	4.43	2.457E-04	U5EYA	3.637E-04	U1	0.0	U7DYB
4F	B121 G90X120	4.92	2.457E-04	U5EYA	3.744E-04	U1	0.0	U7DYB
4F	B121 G90X120	5.42	2.457E-04	U5EYA	3.554E-04	U1	0.0	U7DYB
4F	B121 G90X120	5.92	2.457E-04	U5EYA	3.259E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	6.42	2.457E-04	U5EYA	2.769E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	6.91	2.457E-04	U5EYA	2.457E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	7.41	2.457E-04	U5EYA	2.457E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	7.91	3.118E-04	U5EYA	2.457E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	8.41	5.097E-04	U5EYA	2.457E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	8.90	7.346E-04	U5EYA	2.457E-04	U5EYA	0.0	U7DYB
4F	B121 G90X120	9.40	9.867E-04	U5EYA	4.920E-04	U5EYA	0.0	U7DYB

4F	B126 G90X120	0.60	4.338E-04	U5EYA	2.166E-04	U5EYA	0.0	U7DYB
4F	B126 G90X120	1.09	2.766E-04	U5EYA	1.607E-04	U2	0.0	U7DYB
4F	B126 G90X120	1.57	1.448E-04	U5EYA	1.932E-04	U2	0.0	U7DYB
4F	B126 G90X120	2.06	1.082E-04	U5EYA	2.015E-04	U2	0.0	U7DYB
4F	B126 G90X120	2.54	1.082E-04	U5EYA	1.856E-04	U2	0.0	U7DYB
4F	B126 G90X120	3.03	1.082E-04	U5EYA	1.456E-04	U2	0.0	U7DYB
4F	B126 G90X120	3.51	1.082E-04	U5EYA	1.305E-04	U5EYA	0.0	U7DYB
4F	B126 G90X120	4.00	1.082E-04	U5EYA	1.366E-04	U5EYA	0.0	U7DYB
4F	B126 G90X120	4.48	1.192E-04	U2	1.210E-04	U7EYA	0.0	U7DYB
4F	B126 G90X120	4.97	2.559E-04	U2	1.082E-04	U5EYA	0.0	U7DYB
4F	B126 G90X120	5.45	4.170E-04	U2	2.083E-04	U2	0.0	U7DYB

4F	B127 G90X120	0.55	3.880E-04	U5EXA	1.938E-04	U5EXA	0.0	U7DYB
4F	B127 G90X120	1.04	2.358E-04	U5EXA	9.684E-05	U5EXA	0.0	U7DYB
4F	B127 G90X120	1.53	1.095E-04	U5EXA	1.267E-04	U2	0.0	U7DYB
4F	B127 G90X120	2.02	9.684E-05	U5EXA	1.565E-04	U2	0.0	U7DYB
4F	B127 G90X120	2.51	9.684E-05	U5EXA	1.616E-04	U2	0.0	U7DYB

4F	B127	G90X120	3.00	9.684E-05	U5EXA	1.421E-04	U2	0.0	U7DYB
4F	B127	G90X120	3.49	9.684E-05	U5EXA	1.463E-04	U5EYA	0.0	U7DYB
4F	B127	G90X120	3.98	9.684E-05	U5EXA	1.371E-04	U5EXA	0.0	U7DYB
4F	B127	G90X120	4.47	9.684E-05	U5EXA	1.098E-04	U5EXA	0.0	U7DYB
4F	B127	G90X120	4.96	1.823E-04	U2	9.684E-05	U5EXA	0.0	U7DYB
4F	B127	G90X120	5.45	3.253E-04	U2	1.625E-04	U2	0.0	U7DYB
4F	B128	G90X120	0.55	1.912E-04	U7EXA	1.821E-04	U5EXA	0.0	U7DYB
4F	B128	G90X120	0.99	1.252E-04	U7EXA	1.882E-04	U5EXA	0.0	U7DYB
4F	B128	G90X120	1.44	7.655E-05	U7EXA	1.763E-04	U5EXA	0.0	U7DYB
4F	B128	G90X120	1.88	6.500E-05	U5EXA	1.434E-04	U5EXA	0.0	U7DYB
4F	B128	G90X120	2.32	6.500E-05	U5EXA	8.954E-05	U5EXA	0.0	U7DYB
4F	B128	G90X120	2.77	6.500E-05	U5EXA	6.500E-05	U5EXA	0.0	U7DYB
4F	B128	G90X120	3.21	8.099E-05	U5EXA	6.500E-05	U5EXA	0.0	U7DYB
4F	B128	G90X120	3.21	6.500E-05	U5EXA	6.500E-05	U5EXA	0.0	U7DYB
4F	B128	G90X120	3.66	6.500E-05	U5EXA	6.500E-05	U5EXA	0.0	U7DYB
4F	B128	G90X120	4.11	6.500E-05	U5EXA	7.323E-05	U7EXA	0.0	U7DYB
4F	B128	G90X120	4.55	1.064E-04	U5EXA	1.026E-04	U7EXA	0.0	U7DYB
4F	B128	G90X120	5.00	1.722E-04	U5EXA	1.167E-04	U7EXA	0.0	U7DYB
4F	B128	G90X120	5.45	2.603E-04	U5EXA	1.300E-04	U5EXA	0.0	U7DYB
4F	B129	G90X120	0.55	3.719E-04	U5EXA	1.858E-04	U5EXA	0.0	U7DYB
4F	B129	G90X120	1.04	2.258E-04	U5EXA	9.700E-05	U5EXA	0.0	U7DYB
4F	B129	G90X120	1.53	1.055E-04	U5EXA	9.801E-05	U7EXA	0.0	U7DYB
4F	B129	G90X120	2.02	9.700E-05	U5EXA	1.226E-04	U5EXA	0.0	U7DYB
4F	B129	G90X120	2.51	9.700E-05	U5EXA	1.265E-04	U5EXA	0.0	U7DYB
4F	B129	G90X120	3.00	9.700E-05	U5EXA	1.213E-04	U1	0.0	U7DYB
4F	B129	G90X120	3.49	9.700E-05	U5EXA	1.191E-04	U5EXA	0.0	U7DYB
4F	B129	G90X120	3.98	9.700E-05	U5EXA	1.112E-04	U5EXA	0.0	U7DYB
4F	B129	G90X120	4.47	1.141E-04	U5EXA	9.700E-05	U5EXA	0.0	U7DYB
4F	B129	G90X120	4.96	2.384E-04	U5EXA	9.700E-05	U5EXA	0.0	U7DYB
4F	B129	G90X120	5.45	3.886E-04	U5EXA	1.941E-04	U5EXA	0.0	U7DYB
4F	B130	G90X120	0.55	3.669E-04	U5EXA	1.833E-04	U5EXA	0.0	U7DYB
4F	B130	G90X120	1.04	2.209E-04	U5EXA	9.751E-05	U5EXA	0.0	U7DYB
4F	B130	G90X120	1.53	1.018E-04	U7EXA	9.872E-05	U5EXA	0.0	U7DYB
4F	B130	G90X120	2.02	9.751E-05	U5EXA	1.271E-04	U5EXA	0.0	U7DYB
4F	B130	G90X120	2.51	9.751E-05	U5EXA	1.301E-04	U5EXA	0.0	U7DYB
4F	B130	G90X120	3.00	9.751E-05	U5EXA	1.203E-04	U1	0.0	U7DYB
4F	B130	G90X120	3.49	9.751E-05	U5EXA	1.234E-04	U5EXA	0.0	U7DYB
4F	B130	G90X120	3.98	9.751E-05	U5EXA	1.154E-04	U5EXA	0.0	U7DYB
4F	B130	G90X120	4.47	1.142E-04	U5EXA	9.751E-05	U5EXA	0.0	U7DYB
4F	B130	G90X120	4.96	2.395E-04	U5EXA	9.751E-05	U5EXA	0.0	U7DYB
4F	B130	G90X120	5.45	3.907E-04	U5EXA	1.951E-04	U5EXA	0.0	U7DYB
4F	B131	G90X120	0.55	3.718E-04	U5EXA	1.857E-04	U5EXA	0.0	U7DYB
4F	B131	G90X120	1.04	2.248E-04	U5EXA	9.675E-05	U5EXA	0.0	U7DYB
4F	B131	G90X120	1.53	1.036E-04	U5EXA	9.675E-05	U5EXA	0.0	U7DYB
4F	B131	G90X120	2.02	9.675E-05	U5EXA	1.245E-04	U5EXA	0.0	U7DYB
4F	B131	G90X120	2.51	9.675E-05	U5EXA	1.283E-04	U5EXA	0.0	U7DYB
4F	B131	G90X120	3.00	9.675E-05	U5EXA	1.199E-04	U1	0.0	U7DYB
4F	B131	G90X120	3.49	9.675E-05	U5EXA	1.244E-04	U5EXA	0.0	U7DYB
4F	B131	G90X120	3.98	9.675E-05	U5EXA	1.173E-04	U5EXA	0.0	U7DYB
4F	B131	G90X120	4.47	1.128E-04	U5EXA	9.675E-05	U5EXA	0.0	U7DYB
4F	B131	G90X120	4.96	2.373E-04	U5EXA	9.675E-05	U5EXA	0.0	U7DYB
4F	B131	G90X120	5.45	3.876E-04	U5EXA	1.936E-04	U5EXA	0.0	U7DYB
4F	B132	G90X120	0.55	3.725E-04	U5EXA	1.860E-04	U5EXA	0.0	U7DYB
4F	B132	G90X120	1.04	2.252E-04	U5EXA	9.626E-05	U5EXA	0.0	U7DYB
4F	B132	G90X120	1.53	1.038E-04	U5EXA	9.626E-05	U5EXA	0.0	U7DYB
4F	B132	G90X120	2.02	9.626E-05	U5EXA	1.234E-04	U5EXA	0.0	U7DYB
4F	B132	G90X120	2.51	9.626E-05	U5EXA	1.276E-04	U5EXA	0.0	U7DYB
4F	B132	G90X120	3.00	9.626E-05	U5EXA	1.196E-04	U1	0.0	U7DYB
4F	B132	G90X120	3.49	9.626E-05	U5EXA	1.250E-04	U5EXA	0.0	U7DYB
4F	B132	G90X120	3.98	9.626E-05	U5EXA	1.181E-04	U5EXA	0.0	U7DYB

4F	B132	G90X120	4.47	1.117E-04	U5EXA	9.626E-05	U5EXA	0.0	U7DYB
4F	B132	G90X120	4.96	2.357E-04	U5EXA	9.626E-05	U5EXA	0.0	U7DYB
4F	B132	G90X120	5.45	3.856E-04	U5EXA	1.926E-04	U5EXA	0.0	U7DYB
4F	B133	G90X120	0.55	3.725E-04	U5EXA	1.861E-04	U5EXA	0.0	U7DYB
4F	B133	G90X120	1.04	2.253E-04	U5EXA	9.561E-05	U5EXA	0.0	U7DYB
4F	B133	G90X120	1.53	1.039E-04	U5EXA	9.561E-05	U5EXA	0.0	U7DYB
4F	B133	G90X120	2.02	9.561E-05	U5EXA	1.218E-04	U5EXA	0.0	U7DYB
4F	B133	G90X120	2.51	9.561E-05	U5EXA	1.266E-04	U5EXA	0.0	U7DYB
4F	B133	G90X120	3.00	9.561E-05	U5EXA	1.192E-04	U1	0.0	U7DYB
4F	B133	G90X120	3.49	9.561E-05	U5EXA	1.249E-04	U5EXA	0.0	U7DYB
4F	B133	G90X120	3.98	9.561E-05	U5EXA	1.181E-04	U5EXA	0.0	U7DYB
4F	B133	G90X120	4.47	1.103E-04	U5EXA	9.561E-05	U5EXA	0.0	U7DYB
4F	B133	G90X120	4.96	2.337E-04	U5EXA	9.561E-05	U5EXA	0.0	U7DYB
4F	B133	G90X120	5.45	3.830E-04	U5EXA	1.913E-04	U5EXA	0.0	U7DYB
4F	B134	G90X120	0.55	3.726E-04	U5EXA	1.861E-04	U5EXA	0.0	U7DYB
4F	B134	G90X120	1.04	2.254E-04	U5EXA	9.439E-05	U5EXA	0.0	U7DYB
4F	B134	G90X120	1.53	1.041E-04	U5EXA	9.439E-05	U5EXA	0.0	U7DYB
4F	B134	G90X120	2.02	9.439E-05	U5EXA	1.189E-04	U5EXA	0.0	U7DYB
4F	B134	G90X120	2.51	9.439E-05	U5EXA	1.248E-04	U5EXA	0.0	U7DYB
4F	B134	G90X120	3.00	9.439E-05	U5EXA	1.188E-04	U1	0.0	U7DYB
4F	B134	G90X120	3.49	9.439E-05	U5EXA	1.245E-04	U5EXA	0.0	U7DYB
4F	B134	G90X120	3.98	9.439E-05	U5EXA	1.176E-04	U5EXA	0.0	U7DYB
4F	B134	G90X120	4.47	1.077E-04	U5EXA	9.439E-05	U5EXA	0.0	U7DYB
4F	B134	G90X120	4.96	2.300E-04	U5EXA	9.439E-05	U5EXA	0.0	U7DYB
4F	B134	G90X120	5.45	3.782E-04	U5EXA	1.889E-04	U5EXA	0.0	U7DYB
4F	B135	G90X120	0.55	3.734E-04	U5EXA	1.865E-04	U5EXA	0.0	U7DYB
4F	B135	G90X120	1.04	2.262E-04	U5EXA	9.321E-05	U5EXA	0.0	U7DYB
4F	B135	G90X120	1.53	1.049E-04	U5EXA	9.321E-05	U5EXA	0.0	U7DYB
4F	B135	G90X120	2.02	9.321E-05	U5EXA	1.135E-04	U5EXA	0.0	U7DYB
4F	B135	G90X120	2.51	9.321E-05	U5EXA	1.214E-04	U5EXA	0.0	U7DYB
4F	B135	G90X120	3.00	9.321E-05	U5EXA	1.180E-04	U1	0.0	U7DYB
4F	B135	G90X120	3.49	9.321E-05	U5EXA	1.236E-04	U5EXA	0.0	U7DYB
4F	B135	G90X120	3.98	9.321E-05	U5EXA	1.167E-04	U5EXA	0.0	U7DYB
4F	B135	G90X120	4.47	1.030E-04	U5EXA	9.321E-05	U5EXA	0.0	U7DYB
4F	B135	G90X120	4.96	2.232E-04	U5EXA	9.321E-05	U5EXA	0.0	U7DYB
4F	B135	G90X120	5.45	3.694E-04	U5EXA	1.845E-04	U5EXA	0.0	U7DYB
4F	B136	G90X120	0.55	3.777E-04	U5EXA	1.887E-04	U5EXA	0.0	U7DYB
4F	B136	G90X120	1.04	2.299E-04	U5EXA	9.429E-05	U5EXA	0.0	U7DYB
4F	B136	G90X120	1.53	1.079E-04	U5EXA	9.429E-05	U5EXA	0.0	U7DYB
4F	B136	G90X120	2.02	9.429E-05	U5EXA	1.038E-04	U5EXA	0.0	U7DYB
4F	B136	G90X120	2.51	9.429E-05	U5EXA	1.177E-04	U5EXA	0.0	U7DYB
4F	B136	G90X120	3.00	9.429E-05	U5EXA	1.188E-04	U1	0.0	U7DYB
4F	B136	G90X120	3.49	9.429E-05	U5EXA	1.232E-04	U5EXA	0.0	U7DYB
4F	B136	G90X120	3.98	9.429E-05	U5EXA	1.170E-04	U5EXA	0.0	U7DYB
4F	B136	G90X120	4.47	9.429E-05	U5EXA	9.429E-05	U5EXA	0.0	U7DYB
4F	B136	G90X120	4.96	1.973E-04	U5EXA	9.429E-05	U5EXA	0.0	U7DYB
4F	B136	G90X120	5.45	3.374E-04	U5EXA	1.686E-04	U5EXA	0.0	U7DYB
4F	B137	G90X120	0.55	3.779E-04	U2	1.888E-04	U2	0.0	U7DYB
4F	B137	G90X120	1.05	2.375E-04	U2	9.433E-05	U2	0.0	U7DYB
4F	B137	G90X120	1.55	1.230E-04	U2	9.433E-05	U2	0.0	U7DYB
4F	B137	G90X120	2.05	9.433E-05	U2	9.433E-05	U2	0.0	U7DYB
4F	B137	G90X120	2.55	9.433E-05	U2	9.433E-05	U2	0.0	U7DYB
4F	B137	G90X120	3.05	9.433E-05	U2	9.433E-05	U2	0.0	U7DYB
4F	B137	G90X120	3.55	9.433E-05	U2	9.433E-05	U2	0.0	U7DYB
4F	B137	G90X120	4.05	1.550E-04	U5EXA	9.433E-05	U2	0.0	U7DYB
4F	B137	G90X120	4.55	2.805E-04	U5EXA	1.402E-04	U5EXA	0.0	U7DYB
4F	B138	G90X120	0.55	8.080E-04	U2	4.031E-04	U2	0.0	U7DYB
4F	B138	G90X120	1.03	5.819E-04	U2	2.013E-04	U2	0.0	U7DYB
4F	B138	G90X120	1.52	3.805E-04	U2	2.013E-04	U2	0.0	U7DYB

4F	B138	G90X120	2.00	2.035E-04	U2	2.013E-04	U2	0.0	U7DYB
4F	B138	G90X120	2.48	2.013E-04	U2	2.013E-04	U2	0.0	U7DYB
4F	B138	G90X120	2.97	2.013E-04	U2	2.013E-04	U2	0.0	U7DYB
4F	B138	G90X120	3.45	2.013E-04	U2	2.013E-04	U2	0.0	U7DYB
4F	B138	G90X120	3.93	2.013E-04	U2	2.633E-04	U2	0.0	U7DYB
4F	B138	G90X120	4.42	2.013E-04	U2	3.202E-04	U2	0.0	U7DYB
4F	B138	G90X120	4.90	2.013E-04	U2	3.530E-04	U2	0.0	U7DYB
4F	B138	G90X120	5.38	2.013E-04	U2	3.618E-04	U2	0.0	U7DYB
4F	B138	G90X120	5.87	2.013E-04	U2	3.466E-04	U2	0.0	U7DYB
4F	B138	G90X120	6.35	2.560E-04	U7EXA	3.073E-04	U2	0.0	U7DYB
4F	B139	G90X120	0.55	6.297E-04	U5EYA	3.143E-04	U5EYA	0.0	U7DYB
4F	B139	G90X120	1.04	4.252E-04	U5EYA	1.929E-04	U5EYA	0.0	U7DYB
4F	B139	G90X120	1.54	2.472E-04	U5EYA	1.929E-04	U5EYA	0.0	U7DYB
4F	B139	G90X120	2.03	1.929E-04	U5EYA	1.929E-04	U5EYA	0.0	U7DYB
4F	B139	G90X120	2.53	1.929E-04	U5EYA	1.929E-04	U5EYA	0.0	U7DYB
4F	B139	G90X120	3.02	1.929E-04	U5EYA	2.138E-04	U5EYA	0.0	U7DYB
4F	B139	G90X120	3.51	1.929E-04	U5EYA	2.569E-04	U5DXA	0.0	U7DYB
4F	B139	G90X120	4.01	1.929E-04	U5EYA	2.893E-04	U5DXB	0.0	U7DYB
4F	B139	G90X120	4.50	1.929E-04	U5EYA	2.938E-04	U5DXB	0.0	U7DYB
4F	B139	G90X120	4.99	1.929E-04	U5EYA	2.748E-04	U2	0.0	U7DYB
4F	B139	G90X120	5.49	1.929E-04	U5EYA	2.479E-04	U2	0.0	U7DYB
4F	B139	G90X120	5.98	1.929E-04	U5EYA	1.960E-04	U2	0.0	U7DYB
4F	B139	G90X120	6.48	1.929E-04	U5EYA	1.929E-04	U5EYA	0.0	U7DYB
4F	B139	G90X120	6.97	1.929E-04	U5EYA	1.929E-04	U5EYA	0.0	U7DYB
4F	B139	G90X120	7.46	3.587E-04	U5EYA	1.929E-04	U5EYA	0.0	U7DYB
4F	B139	G90X120	7.96	5.531E-04	U5EYA	1.929E-04	U5EYA	0.0	U7DYB
4F	B139	G90X120	8.45	7.742E-04	U5EYA	3.863E-04	U5EYA	0.0	U7DYB
3F	B1	G90X120	0.60	4.387E-04	U5EYA	2.191E-04	U5EYA	4.930E-03	U5DYA
3F	B1	G90X120	1.09	2.801E-04	U5EYA	1.095E-04	U5EYA	4.930E-03	U5DYA
3F	B1	G90X120	1.57	1.468E-04	U5EYA	1.101E-04	U7EYA	4.930E-03	U5DYA
3F	B1	G90X120	2.06	1.095E-04	U5EYA	1.266E-04	U5EXA	4.930E-03	U5DYA
3F	B1	G90X120	2.54	1.095E-04	U5EYA	1.379E-04	U5DXA	4.930E-03	U5DYA
3F	B1	G90X120	3.03	1.095E-04	U5EYA	1.268E-04	U5DXA	4.930E-03	U5DYA
3F	B1	G90X120	3.51	1.095E-04	U5EYA	1.343E-04	U5EYA	4.930E-03	U5DYA
3F	B1	G90X120	4.00	1.095E-04	U5EYA	1.419E-04	U5EYA	4.930E-03	U5DYA
3F	B1	G90X120	4.48	1.106E-04	U7EYA	1.243E-04	U5EYA	4.930E-03	U5DYA
3F	B1	G90X120	4.97	2.231E-04	U5EYA	1.095E-04	U5EYA	4.930E-03	U5DYA
3F	B1	G90X120	5.45	3.695E-04	U5EYA	1.846E-04	U5EYA	4.930E-03	U5DYA
3F	B2	G90X120	0.55	4.416E-04	U5EXA	2.205E-04	U5EXA	0.0	U7DYB
3F	B2	G90X120	1.04	2.814E-04	U5EXA	1.102E-04	U5EXA	0.0	U7DYB
3F	B2	G90X120	1.53	1.471E-04	U5EXA	1.102E-04	U5EXA	0.0	U7DYB
3F	B2	G90X120	2.02	1.102E-04	U5EXA	1.293E-04	U5EXA	0.0	U7DYB
3F	B2	G90X120	2.51	1.102E-04	U5EXA	1.364E-04	U5EXA	0.0	U7DYB
3F	B2	G90X120	3.00	1.102E-04	U5EXA	1.267E-04	U5EYA	0.0	U7DYB
3F	B2	G90X120	3.49	1.102E-04	U5EXA	1.331E-04	U5EXA	0.0	U7DYB
3F	B2	G90X120	3.98	1.102E-04	U5EXA	1.391E-04	U5EXA	0.0	U7DYB
3F	B2	G90X120	4.47	1.102E-04	U5EXA	1.195E-04	U5EXA	0.0	U7DYB
3F	B2	G90X120	4.96	2.124E-04	U5EXA	1.102E-04	U5EXA	0.0	U7DYB
3F	B2	G90X120	5.45	3.594E-04	U5EXA	1.795E-04	U5EXA	0.0	U7DYB
3F	B3	G90X120	0.55	3.856E-04	U5EXA	1.926E-04	U5EXA	0.0	U7DYB
3F	B3	G90X120	1.04	2.352E-04	U5EXA	1.034E-04	U5EXA	0.0	U7DYB
3F	B3	G90X120	1.53	1.203E-04	U7EXA	1.232E-04	U5EXA	0.0	U7DYB
3F	B3	G90X120	2.02	1.034E-04	U5EXA	1.454E-04	U5EXA	0.0	U7DYB
3F	B3	G90X120	2.51	1.034E-04	U5EXA	1.424E-04	U5EXA	0.0	U7DYB
3F	B3	G90X120	3.00	1.034E-04	U5EXA	1.230E-04	U5EYB	0.0	U7DYB
3F	B3	G90X120	3.49	1.034E-04	U5EXA	1.304E-04	U5EXA	0.0	U7DYB
3F	B3	G90X120	3.98	1.034E-04	U5EXA	1.266E-04	U5EXA	0.0	U7DYB
3F	B3	G90X120	4.47	1.259E-04	U5EXA	1.060E-04	U7EXA	0.0	U7DYB
3F	B3	G90X120	4.96	2.572E-04	U5EXA	1.034E-04	U5EXA	0.0	U7DYB
3F	B3	G90X120	5.45	4.144E-04	U5EXA	2.070E-04	U5EXA	0.0	U7DYB

3F	B4	G90X120	0.55	3.927E-04	U5EXA	1.961E-04	U5EXA	0.0	U7DYB
3F	B4	G90X120	1.04	2.414E-04	U5EXA	1.050E-04	U5EXA	0.0	U7DYB
3F	B4	G90X120	1.53	1.200E-04	U7EXA	1.186E-04	U5EXA	0.0	U7DYB
3F	B4	G90X120	2.02	1.050E-04	U5EXA	1.407E-04	U5EXA	0.0	U7DYB
3F	B4	G90X120	2.51	1.050E-04	U5EXA	1.374E-04	U5EXA	0.0	U7DYB
3F	B4	G90X120	3.00	1.050E-04	U5EXA	1.207E-04	U1	0.0	U7DYB
3F	B4	G90X120	3.49	1.050E-04	U5EXA	1.290E-04	U5EXA	0.0	U7DYB
3F	B4	G90X120	3.98	1.050E-04	U5EXA	1.262E-04	U5EXA	0.0	U7DYB
3F	B4	G90X120	4.47	1.318E-04	U5EXA	1.069E-04	U7EXA	0.0	U7DYB
3F	B4	G90X120	4.96	2.633E-04	U5EXA	1.050E-04	U5EXA	0.0	U7DYB
3F	B4	G90X120	5.45	4.208E-04	U5EXA	2.101E-04	U5EXA	0.0	U7DYB
3F	B5	G90X120	0.55	4.019E-04	U5EXA	2.007E-04	U5EXA	0.0	U7DYB
3F	B5	G90X120	1.04	2.489E-04	U5EXA	1.043E-04	U5EXA	0.0	U7DYB
3F	B5	G90X120	1.53	1.218E-04	U5EXA	1.143E-04	U7EXA	0.0	U7DYB
3F	B5	G90X120	2.02	1.043E-04	U5EXA	1.366E-04	U5EXA	0.0	U7DYB
3F	B5	G90X120	2.51	1.043E-04	U5EXA	1.343E-04	U5EXA	0.0	U7DYB
3F	B5	G90X120	3.00	1.043E-04	U5EXA	1.200E-04	U1	0.0	U7DYB
3F	B5	G90X120	3.49	1.043E-04	U5EXA	1.298E-04	U5EXA	0.0	U7DYB
3F	B5	G90X120	3.98	1.043E-04	U5EXA	1.286E-04	U5EXA	0.0	U7DYB
3F	B5	G90X120	4.47	1.310E-04	U5EXA	1.081E-04	U7EXA	0.0	U7DYB
3F	B5	G90X120	4.96	2.616E-04	U5EXA	1.043E-04	U5EXA	0.0	U7DYB
3F	B5	G90X120	5.45	4.181E-04	U5EXA	2.088E-04	U5EXA	0.0	U7DYB
3F	B6	G90X120	0.55	4.023E-04	U5EXA	2.009E-04	U5EXA	0.0	U7DYB
3F	B6	G90X120	1.04	2.490E-04	U5EXA	1.044E-04	U5EXA	0.0	U7DYB
3F	B6	G90X120	1.53	1.217E-04	U5EXA	1.144E-04	U7EXA	0.0	U7DYB
3F	B6	G90X120	2.02	1.044E-04	U5EXA	1.369E-04	U5EXA	0.0	U7DYB
3F	B6	G90X120	2.51	1.044E-04	U5EXA	1.346E-04	U5EXA	0.0	U7DYB
3F	B6	G90X120	3.00	1.044E-04	U5EXA	1.198E-04	U1	0.0	U7DYB
3F	B6	G90X120	3.49	1.044E-04	U5EXA	1.309E-04	U5EXA	0.0	U7DYB
3F	B6	G90X120	3.98	1.044E-04	U5EXA	1.300E-04	U5EXA	0.0	U7DYB
3F	B6	G90X120	4.47	1.310E-04	U5EXA	1.088E-04	U7EXA	0.0	U7DYB
3F	B6	G90X120	4.96	2.616E-04	U5EXA	1.044E-04	U5EXA	0.0	U7DYB
3F	B6	G90X120	5.45	4.181E-04	U5EXA	2.088E-04	U5EXA	0.0	U7DYB
3F	B7	G90X120	0.55	4.033E-04	U5EXA	2.014E-04	U5EXA	0.0	U7DYB
3F	B7	G90X120	1.04	2.498E-04	U5EXA	1.042E-04	U5EXA	0.0	U7DYB
3F	B7	G90X120	1.53	1.222E-04	U5EXA	1.142E-04	U7EXA	0.0	U7DYB
3F	B7	G90X120	2.02	1.042E-04	U5EXA	1.365E-04	U5EXA	0.0	U7DYB
3F	B7	G90X120	2.51	1.042E-04	U5EXA	1.343E-04	U5EXA	0.0	U7DYB
3F	B7	G90X120	3.00	1.042E-04	U5EXA	1.196E-04	U1	0.0	U7DYB
3F	B7	G90X120	3.49	1.042E-04	U5EXA	1.313E-04	U5EXA	0.0	U7DYB
3F	B7	G90X120	3.98	1.042E-04	U5EXA	1.307E-04	U5EXA	0.0	U7DYB
3F	B7	G90X120	4.47	1.307E-04	U5EXA	1.091E-04	U7EXA	0.0	U7DYB
3F	B7	G90X120	4.96	2.612E-04	U5EXA	1.042E-04	U5EXA	0.0	U7DYB
3F	B7	G90X120	5.45	4.176E-04	U5EXA	2.085E-04	U5EXA	0.0	U7DYB
3F	B8	G90X120	0.55	4.039E-04	U5EXA	2.017E-04	U5EXA	0.0	U7DYB
3F	B8	G90X120	1.04	2.503E-04	U5EXA	1.040E-04	U5EXA	0.0	U7DYB
3F	B8	G90X120	1.53	1.225E-04	U5EXA	1.138E-04	U7EXA	0.0	U7DYB
3F	B8	G90X120	2.02	1.040E-04	U5EXA	1.360E-04	U5EXA	0.0	U7DYB
3F	B8	G90X120	2.51	1.040E-04	U5EXA	1.339E-04	U5EXA	0.0	U7DYB
3F	B8	G90X120	3.00	1.040E-04	U5EXA	1.195E-04	U1	0.0	U7DYB
3F	B8	G90X120	3.49	1.040E-04	U5EXA	1.316E-04	U5EXA	0.0	U7DYB
3F	B8	G90X120	3.98	1.040E-04	U5EXA	1.311E-04	U5EXA	0.0	U7DYB
3F	B8	G90X120	4.47	1.304E-04	U5EXA	1.093E-04	U7EXA	0.0	U7DYB
3F	B8	G90X120	4.96	2.607E-04	U5EXA	1.040E-04	U5EXA	0.0	U7DYB
3F	B8	G90X120	5.45	4.169E-04	U5EXA	2.082E-04	U5EXA	0.0	U7DYB
3F	B9	G90X120	0.55	4.046E-04	U5EXA	2.021E-04	U5EXA	0.0	U7DYB
3F	B9	G90X120	1.04	2.508E-04	U5EXA	1.037E-04	U5EXA	0.0	U7DYB
3F	B9	G90X120	1.53	1.230E-04	U5EXA	1.130E-04	U7EXA	0.0	U7DYB
3F	B9	G90X120	2.02	1.037E-04	U5EXA	1.350E-04	U5EXA	0.0	U7DYB
3F	B9	G90X120	2.51	1.037E-04	U5EXA	1.333E-04	U5EXA	0.0	U7DYB

3F	B9	G90X120	3.00	1.037E-04	U5EXA	1.194E-04	U1	0.0	U7DYB
3F	B9	G90X120	3.49	1.037E-04	U5EXA	1.317E-04	U5EXA	0.0	U7DYB
3F	B9	G90X120	3.98	1.037E-04	U5EXA	1.313E-04	U5EXA	0.0	U7DYB
3F	B9	G90X120	4.47	1.297E-04	U5EXA	1.094E-04	U7EXA	0.0	U7DYB
3F	B9	G90X120	4.96	2.597E-04	U5EXA	1.037E-04	U5EXA	0.0	U7DYB
3F	B9	G90X120	5.45	4.155E-04	U5EXA	2.075E-04	U5EXA	0.0	U7DYB
3F	B10	G90X120	0.55	4.053E-04	U5EXA	2.024E-04	U5EXA	0.0	U7DYB
3F	B10	G90X120	1.04	2.515E-04	U5EXA	1.035E-04	U5EXA	0.0	U7DYB
3F	B10	G90X120	1.53	1.236E-04	U5EXA	1.119E-04	U7EXA	0.0	U7DYB
3F	B10	G90X120	2.02	1.035E-04	U5EXA	1.335E-04	U5EXA	0.0	U7DYB
3F	B10	G90X120	2.51	1.035E-04	U5EXA	1.322E-04	U5EXA	0.0	U7DYB
3F	B10	G90X120	3.00	1.035E-04	U5EXA	1.188E-04	U1	0.0	U7DYB
3F	B10	G90X120	3.49	1.035E-04	U5EXA	1.312E-04	U5EXA	0.0	U7DYB
3F	B10	G90X120	3.98	1.035E-04	U5EXA	1.309E-04	U5EXA	0.0	U7DYB
3F	B10	G90X120	4.47	1.295E-04	U5EXA	1.089E-04	U7EXA	0.0	U7DYB
3F	B10	G90X120	4.96	2.591E-04	U5EXA	1.035E-04	U5EXA	0.0	U7DYB
3F	B10	G90X120	5.45	4.147E-04	U5EXA	2.071E-04	U5EXA	0.0	U7DYB
3F	B11	G90X120	0.55	4.059E-04	U5EXA	2.027E-04	U5EXA	0.0	U7DYB
3F	B11	G90X120	1.04	2.527E-04	U5EXA	1.032E-04	U5EXA	0.0	U7DYB
3F	B11	G90X120	1.53	1.254E-04	U5EXA	1.090E-04	U7EXA	0.0	U7DYB
3F	B11	G90X120	2.02	1.032E-04	U5EXA	1.295E-04	U5EXA	0.0	U7DYB
3F	B11	G90X120	2.51	1.032E-04	U5EXA	1.288E-04	U5EXA	0.0	U7DYB
3F	B11	G90X120	3.00	1.032E-04	U5EXA	1.161E-04	U1	0.0	U7DYB
3F	B11	G90X120	3.49	1.032E-04	U5EXA	1.270E-04	U5EXA	0.0	U7DYB
3F	B11	G90X120	3.98	1.032E-04	U5EXA	1.260E-04	U5EXA	0.0	U7DYB
3F	B11	G90X120	4.47	1.300E-04	U5EXA	1.045E-04	U7EXA	0.0	U7DYB
3F	B11	G90X120	4.96	2.589E-04	U5EXA	1.032E-04	U5EXA	0.0	U7DYB
3F	B11	G90X120	5.45	4.137E-04	U5EXA	2.066E-04	U5EXA	0.0	U7DYB
3F	B12	G90X120	0.55	3.917E-04	U5EXA	1.956E-04	U5EXA	0.0	U7DYB
3F	B12	G90X120	1.05	2.338E-04	U5EXA	1.061E-04	U7EXA	0.0	U7DYB
3F	B12	G90X120	1.55	1.030E-04	U5EXA	1.033E-04	U7EXA	0.0	U7DYB
3F	B12	G90X120	2.05	9.777E-05	U5EXA	9.777E-05	U5EXA	0.0	U7DYB
3F	B12	G90X120	2.55	9.777E-05	U5EXA	9.777E-05	U5EXA	0.0	U7DYB
3F	B12	G90X120	3.05	9.777E-05	U5EXA	1.296E-04	U5EXA	0.0	U7DYB
3F	B12	G90X120	3.55	9.777E-05	U5EXA	1.538E-04	U5EXA	0.0	U7DYB
3F	B12	G90X120	4.05	1.870E-04	U7EXA	1.531E-04	U5EXA	0.0	U7DYB
3F	B12	G90X120	4.55	3.240E-04	U5EXA	1.619E-04	U5EXA	0.0	U7DYB
3F	B13	G90X120	0.55	4.778E-04	U2	2.386E-04	U2	0.0	U7DYB
3F	B13	G90X120	1.03	3.131E-04	U2	1.192E-04	U2	0.0	U7DYB
3F	B13	G90X120	1.52	1.726E-04	U2	1.192E-04	U2	0.0	U7DYB
3F	B13	G90X120	2.00	1.192E-04	U2	1.210E-04	U5EXA	0.0	U7DYB
3F	B13	G90X120	2.48	1.192E-04	U2	1.555E-04	U5EXA	0.0	U7DYB
3F	B13	G90X120	2.97	1.192E-04	U2	1.651E-04	U5EXA	0.0	U7DYB
3F	B13	G90X120	3.45	1.192E-04	U2	1.699E-04	U1	0.0	U7DYB
3F	B13	G90X120	3.93	1.192E-04	U2	1.740E-04	U5EXA	0.0	U7DYB
3F	B13	G90X120	4.42	1.192E-04	U2	1.662E-04	U5EXA	0.0	U7DYB
3F	B13	G90X120	4.90	1.192E-04	U2	1.372E-04	U2	0.0	U7DYB
3F	B13	G90X120	5.38	1.608E-04	U5EXA	1.192E-04	U2	0.0	U7DYB
3F	B13	G90X120	5.87	3.010E-04	U5EXA	1.192E-04	U2	0.0	U7DYB
3F	B13	G90X120	6.35	4.664E-04	U5EXA	2.329E-04	U5EXA	0.0	U7DYB
3F	B14	G90X120	0.55	6.498E-04	U5EXA	3.243E-04	U5EXA	0.0	U7DYB
3F	B14	G90X120	1.04	4.412E-04	U5EXA	1.743E-04	U5EYA	0.0	U7DYB
3F	B14	G90X120	1.54	2.592E-04	U5EXA	1.743E-04	U5EYA	0.0	U7DYB
3F	B14	G90X120	2.03	1.743E-04	U5EYA	1.743E-04	U5EYA	0.0	U7DYB
3F	B14	G90X120	2.53	1.743E-04	U5EYA	1.743E-04	U5EYA	0.0	U7DYB
3F	B14	G90X120	3.02	1.743E-04	U5EYA	2.131E-04	U5EXA	0.0	U7DYB
3F	B14	G90X120	3.51	1.743E-04	U5EYA	2.628E-04	U5EXB	0.0	U7DYB
3F	B14	G90X120	4.01	1.743E-04	U5EYA	3.017E-04	U1	0.0	U7DYB
3F	B14	G90X120	4.50	1.743E-04	U5EYA	3.158E-04	U1	0.0	U7DYB
3F	B14	G90X120	4.99	1.743E-04	U5EYA	3.006E-04	U1	0.0	U7DYB

3F	B14	G90X120	5.49	1.743E-04	U5EYA	2.623E-04	U5EYA	0.0	U7DYB
3F	B14	G90X120	5.98	1.743E-04	U5EYA	2.101E-04	U5EYA	0.0	U7DYB
3F	B14	G90X120	6.48	1.743E-04	U5EYA	1.743E-04	U5EYA	0.0	U7DYB
3F	B14	G90X120	6.97	1.743E-04	U5EYA	1.743E-04	U5EYA	0.0	U7DYB
3F	B14	G90X120	7.46	2.983E-04	U5EYA	1.743E-04	U5EYA	0.0	U7DYB
3F	B14	G90X120	7.96	4.854E-04	U5EYA	1.743E-04	U5EYA	0.0	U7DYB
3F	B14	G90X120	8.45	6.991E-04	U5EYA	3.489E-04	U5EYA	0.0	U7DYB
3F	B15	G60X80	0.55	6.854E-04	U5EYA	3.413E-04	U5EYA	0.0	U7DYB
3F	B15	G60X80	1.03	4.043E-04	U5EYA	2.608E-04	U2	0.0	U7DYB
3F	B15	G60X80	1.50	2.608E-04	U2	2.608E-04	U2	0.0	U7DYB
3F	B15	G60X80	1.98	2.608E-04	U2	3.295E-04	U2	0.0	U7DYB
3F	B15	G60X80	2.45	2.608E-04	U2	4.023E-04	U2	0.0	U7DYB
3F	B15	G60X80	2.93	2.608E-04	U2	4.181E-04	U2	0.0	U7DYB
3F	B15	G60X80	3.40	2.608E-04	U2	3.733E-04	U2	0.0	U7DYB
3F	B15	G60X80	3.88	2.608E-04	U2	3.142E-04	U5EYB	0.0	U7DYB
3F	B15	G60X80	4.35	2.608E-04	U2	2.608E-04	U2	0.0	U7DYB
3F	B15	G60X80	4.83	2.608E-04	U2	2.608E-04	U2	0.0	U7DYB
3F	B15	G60X80	5.30	3.860E-04	U2	2.608E-04	U2	0.0	U7DYB
3F	B15	G60X80	5.78	7.003E-04	U2	2.608E-04	U2	0.0	U7DYB
3F	B15	G60X80	6.25	1.053E-03	U2	5.233E-04	U2	0.0	U7DYB
3F	B16	G60X80	0.45	1.385E-03	U2	6.867E-04	U2	0.0	U7DYB
3F	B16	G60X80	0.94	9.377E-04	U2	3.419E-04	U2	0.0	U7DYB
3F	B16	G60X80	1.44	5.342E-04	U2	3.419E-04	U2	0.0	U7DYB
3F	B16	G60X80	1.93	3.419E-04	U2	3.419E-04	U2	0.0	U7DYB
3F	B16	G60X80	2.43	3.419E-04	U2	3.419E-04	U2	0.0	U7DYB
3F	B16	G60X80	2.92	3.419E-04	U2	4.121E-04	U5EYB	0.0	U7DYB
3F	B16	G60X80	3.41	3.419E-04	U2	5.839E-04	U5EYB	0.0	U7DYB
3F	B16	G60X80	3.91	3.419E-04	U2	6.882E-04	U5EYB	0.0	U7DYB
3F	B16	G60X80	4.40	3.419E-04	U2	7.245E-04	U5EYB	0.0	U7DYB
3F	B16	G60X80	4.89	3.419E-04	U2	6.934E-04	U5DXB	0.0	U7DYB
3F	B16	G60X80	5.39	3.419E-04	U2	5.952E-04	U5DXB	0.0	U7DYB
3F	B16	G60X80	5.88	3.419E-04	U2	4.294E-04	U5DXB	0.0	U7DYB
3F	B16	G60X80	6.38	3.419E-04	U2	3.419E-04	U2	0.0	U7DYB
3F	B16	G60X80	6.87	3.419E-04	U2	3.419E-04	U2	0.0	U7DYB
3F	B16	G60X80	7.36	4.639E-04	U5DXB	3.419E-04	U2	0.0	U7DYB
3F	B16	G60X80	7.86	8.709E-04	U5DXB	3.419E-04	U2	0.0	U7DYB
3F	B16	G60X80	8.35	1.325E-03	U5DXB	6.570E-04	U5DXB	0.0	U7DYB
3F	B17	G90X120	0.60	5.838E-04	U5EYA	2.914E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	1.08	3.751E-04	U5EYA	1.456E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	1.56	2.008E-04	U5EYA	1.846E-04	U7EYA	0.0	U7DYB
3F	B17	G90X120	2.04	1.456E-04	U5EYA	2.630E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	2.51	1.456E-04	U5EYA	3.025E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	2.99	1.456E-04	U5EYA	2.957E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	3.47	1.456E-04	U5EYA	2.435E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	3.95	1.456E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	4.43	1.456E-04	U5EYA	1.456E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	4.91	1.586E-04	U5EXB	1.456E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	5.39	3.443E-04	U5EYB	1.456E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	5.39	2.781E-04	U5EYB	1.456E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	5.88	1.456E-04	U5EYA	1.456E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	6.37	1.456E-04	U5EYA	1.456E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	6.86	1.456E-04	U5EYA	1.472E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	7.35	1.456E-04	U5EYA	2.142E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	7.84	1.456E-04	U5EYA	2.375E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	8.33	1.456E-04	U5EYA	2.141E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	8.82	1.456E-04	U5EYA	1.496E-04	U7EYA	0.0	U7DYB
3F	B17	G90X120	9.31	2.983E-04	U5EYA	1.456E-04	U5EYA	0.0	U7DYB
3F	B17	G90X120	9.80	4.860E-04	U5EYA	2.427E-04	U5EYA	0.0	U7DYB
3F	B18	G70X90	0.45	2.720E-03	U5EYB	1.780E-03	U5EYB	2.887E-03	U5DYB
3F	B18	G70X90	0.94	1.964E-03	U5EYB	1.135E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	1.44	1.682E-03	U5EYB	1.135E-03	U2	2.887E-03	U5DYB

3F	B18	G70X90	1.93	1.135E-03	U2	1.135E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	2.42	1.135E-03	U2	1.135E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	2.92	1.135E-03	U2	1.135E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	3.41	1.135E-03	U2	1.295E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	3.91	1.135E-03	U2	1.799E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	4.40	1.135E-03	U2	1.910E-03	U5DYB	2.887E-03	U5DYB
3F	B18	G70X90	4.89	1.135E-03	U2	1.980E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	5.39	1.135E-03	U2	2.253E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	5.39	1.135E-03	U2	2.308E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	5.88	1.135E-03	U2	1.910E-03	U5DYB	2.887E-03	U5DYB
3F	B18	G70X90	6.37	1.135E-03	U2	1.768E-03	U5DYB	2.887E-03	U5DYB
3F	B18	G70X90	6.86	1.135E-03	U2	1.137E-03	U5DYA	2.887E-03	U5DYB
3F	B18	G70X90	7.35	1.135E-03	U2	1.135E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	7.84	1.135E-03	U2	1.135E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	8.33	1.457E-03	U2	1.135E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	8.82	1.910E-03	U5DYB	1.135E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	9.31	2.658E-03	U2	1.135E-03	U2	2.887E-03	U5DYB
3F	B18	G70X90	9.80	3.530E-03	U2	1.910E-03	U5DYB	2.887E-03	U5DYB
3F	B19	G70X90	0.45	4.736E-04	U5EYA	2.363E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	0.94	2.341E-04	U5EYA	1.324E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	1.44	1.324E-04	U5EYA	1.324E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	1.93	1.324E-04	U5EYA	2.068E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	2.42	1.324E-04	U5EYA	2.846E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	2.92	1.324E-04	U5EYA	3.029E-04	U5EYB	0.0	U7DYB
3F	B19	G70X90	3.41	1.324E-04	U5EYA	2.623E-04	U5EYB	0.0	U7DYB
3F	B19	G70X90	3.91	1.324E-04	U5EYA	1.624E-04	U5EYB	0.0	U7DYB
3F	B19	G70X90	4.40	1.324E-04	U5EYA	1.324E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	4.89	1.893E-04	U5DYB	1.324E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	5.39	4.252E-04	U5DYB	1.324E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	5.39	2.976E-04	U5DYB	1.324E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	5.88	1.324E-04	U5EYA	1.324E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	6.37	1.324E-04	U5EYA	1.324E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	6.86	1.324E-04	U5EYA	1.330E-04	U5DYA	0.0	U7DYB
3F	B19	G70X90	7.35	1.324E-04	U5EYA	1.806E-04	U5DYA	0.0	U7DYB
3F	B19	G70X90	7.84	1.324E-04	U5EYA	1.755E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	8.33	1.324E-04	U5EYA	1.324E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	8.82	1.324E-04	U5EYA	1.324E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	9.31	3.077E-04	U5EYA	1.324E-04	U5EYA	0.0	U7DYB
3F	B19	G70X90	9.80	5.315E-04	U5EYA	2.651E-04	U5EYA	0.0	U7DYB
3F	B20	B60X80	0.00	1.608E-03	U5DXB	1.058E-03	U5DXB	0.0	U7DYB
3F	B20	B60X80	0.48	1.552E-03	U5DYB	5.255E-04	U5DXB	0.0	U7DYB
3F	B20	B60X80	0.96	1.126E-03	U5DXA	5.255E-04	U5DXB	0.0	U7DYB
3F	B20	B60X80	1.44	6.935E-04	U5DXA	5.255E-04	U5DXB	0.0	U7DYB
3F	B20	B60X80	1.91	5.255E-04	U5DXB	5.255E-04	U5DXB	0.0	U7DYB
3F	B20	B60X80	2.39	5.255E-04	U5DXB	5.255E-04	U5DXB	0.0	U7DYB
3F	B20	B60X80	2.87	5.255E-04	U5DXB	5.255E-04	U5DXB	0.0	U7DYB
3F	B20	B60X80	3.35	5.255E-04	U5DXB	5.255E-04	U5DXB	0.0	U7DYB
3F	B20	B60X80	3.83	5.255E-04	U5DXB	5.255E-04	U5DXB	0.0	U7DYB
3F	B20	B60X80	4.31	5.255E-04	U5DXB	5.255E-04	U5DXB	0.0	U7DYB
3F	B20	B60X80	4.79	5.255E-04	U5DXB	5.255E-04	U5DXB	0.0	U7DYB
3F	B20	B60X80	5.26	5.255E-04	U5DXB	5.255E-04	U5DXB	0.0	U7DYB
3F	B20	B60X80	5.74	5.255E-04	U5DXB	5.255E-04	U5DXB	0.0	U7DYB
3F	B20	B60X80	6.22	5.976E-04	U2	5.255E-04	U5DXB	0.0	U7DYB
3F	B20	B60X80	6.70	9.641E-04	U2	4.792E-04	U2	0.0	U7DYB
3F	B21	B60X80	0.00	1.373E-03	U2	6.805E-04	U2	0.0	U7DYB
3F	B21	B60X80	0.50	7.999E-04	U5DXB	7.999E-04	U5DXB	0.0	U7DYB
3F	B21	B60X80	0.99	7.999E-04	U5DXB	7.999E-04	U5DXB	0.0	U7DYB
3F	B21	B60X80	1.49	7.999E-04	U5DXB	7.999E-04	U5DXB	0.0	U7DYB
3F	B21	B60X80	1.98	7.999E-04	U5DXB	9.455E-04	U5DYB	0.0	U7DYB
3F	B21	B60X80	2.48	7.999E-04	U5DXB	1.330E-03	U5DYB	0.0	U7DYB
3F	B21	B60X80	2.97	7.999E-04	U5DXB	1.552E-03	U5DYB	0.0	U7DYB
3F	B21	B60X80	2.97	7.999E-04	U5DXB	1.552E-03	U5DYB	0.0	U7DYB

3F	B21	B60X80	3.46	7.999E-04	U5DXB	1.552E-03	U5DYB	0.0	U7DYB
3F	B21	B60X80	3.95	7.999E-04	U5DXB	1.552E-03	U5DYB	0.0	U7DYB
3F	B21	B60X80	4.43	7.999E-04	U5DXB	1.493E-03	U5DXB	0.0	U7DYB
3F	B21	B60X80	4.92	7.999E-04	U5DXB	1.292E-03	U5DXB	0.0	U7DYB
3F	B21	B60X80	5.40	7.999E-04	U5DXB	1.007E-03	U5DXB	0.0	U7DYB
3F	B21	B60X80	5.89	7.999E-04	U5DXB	7.999E-04	U5DXB	0.0	U7DYB
3F	B21	B60X80	6.37	7.999E-04	U5DXB	7.999E-04	U5DXB	0.0	U7DYB
3F	B21	B60X80	6.86	7.999E-04	U5DXB	7.999E-04	U5DXB	0.0	U7DYB
3F	B21	B60X80	7.34	1.029E-03	U5DXB	7.999E-04	U5DXB	0.0	U7DYB
3F	B21	B60X80	7.83	1.552E-03	U5DYB	7.999E-04	U5DXB	0.0	U7DYB
3F	B21	B60X80	8.31	1.868E-03	U5DXB	7.999E-04	U5DXB	0.0	U7DYB
3F	B21	B60X80	8.80	2.475E-03	U5DXB	1.552E-03	U5DYB	0.0	U7DYB

3F	B24G100X150-C	0.60	4.029E-03	U1	1.998E-03	U1	0.0	U7DYB
3F	B24G100X150-C	1.09	3.409E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	1.59	2.826E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	2.08	2.277E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	2.58	1.763E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	3.07	1.291E-03	U5EYA	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	3.57	1.019E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	4.06	1.019E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	4.56	1.019E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	5.05	1.019E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	5.55	1.019E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	6.04	1.019E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	6.54	1.019E-03	U1	1.159E-03	U1	0.0	U7DYB
3F	B24G100X150-C	7.03	1.019E-03	U1	1.381E-03	U1	0.0	U7DYB
3F	B24G100X150-C	7.53	1.019E-03	U1	1.572E-03	U1	0.0	U7DYB
3F	B24G100X150-C	8.02	1.019E-03	U1	1.730E-03	U1	0.0	U7DYB
3F	B24G100X150-C	8.52	1.019E-03	U1	1.857E-03	U1	0.0	U7DYB
3F	B24G100X150-C	9.01	1.019E-03	U1	1.951E-03	U1	0.0	U7DYB
3F	B24G100X150-C	9.51	1.019E-03	U1	2.013E-03	U1	0.0	U7DYB
3F	B24G100X150-C	10.00	1.019E-03	U1	2.043E-03	U1	0.0	U7DYB
3F	B24G100X150-C	10.50	1.019E-03	U1	2.041E-03	U1	0.0	U7DYB
3F	B24G100X150-C	10.99	1.019E-03	U1	2.006E-03	U1	0.0	U7DYB
3F	B24G100X150-C	11.49	1.019E-03	U1	1.939E-03	U1	0.0	U7DYB
3F	B24G100X150-C	11.98	1.019E-03	U1	1.840E-03	U1	0.0	U7DYB
3F	B24G100X150-C	12.48	1.019E-03	U1	1.709E-03	U1	0.0	U7DYB
3F	B24G100X150-C	12.97	1.019E-03	U1	1.546E-03	U1	0.0	U7DYB
3F	B24G100X150-C	13.47	1.019E-03	U1	1.350E-03	U1	0.0	U7DYB
3F	B24G100X150-C	13.96	1.019E-03	U1	1.123E-03	U1	0.0	U7DYB
3F	B24G100X150-C	14.46	1.019E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	14.95	1.019E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	15.45	1.019E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	15.94	1.019E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	16.44	1.019E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	16.93	1.019E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	17.43	1.363E-03	U5EYB	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	17.92	1.838E-03	U5EYB	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	18.42	2.356E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	18.91	2.910E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	19.41	3.499E-03	U1	1.019E-03	U1	0.0	U7DYB
3F	B24G100X150-C	19.90	4.124E-03	U1	2.045E-03	U1	0.0	U7DYB

3F	B53	G60X80	0.45	1.552E-03	U5DXA	8.262E-04	U5DXA	0.0	U7DYB
3F	B53	G60X80	0.93	1.177E-03	U5DXA	4.110E-04	U5DXA	0.0	U7DYB
3F	B53	G60X80	1.42	7.314E-04	U5DXA	4.110E-04	U5DXA	0.0	U7DYB
3F	B53	G60X80	1.90	4.110E-04	U5DXA	4.110E-04	U5DXA	0.0	U7DYB
3F	B53	G60X80	2.38	4.110E-04	U5DXA	4.698E-04	U2	0.0	U7DYB
3F	B53	G60X80	2.87	4.110E-04	U5DXA	5.356E-04	U2	0.0	U7DYB
3F	B53	G60X80	3.35	4.110E-04	U5DXA	5.737E-04	U5DXA	0.0	U7DYB
3F	B53	G60X80	3.83	4.110E-04	U5DXA	5.580E-04	U5DXA	0.0	U7DYB
3F	B53	G60X80	4.32	4.110E-04	U5DXA	4.928E-04	U5DXA	0.0	U7DYB
3F	B53	G60X80	4.80	4.110E-04	U5DXA	4.110E-04	U5DXA	0.0	U7DYB
3F	B53	G60X80	5.28	4.575E-04	U2	4.110E-04	U5DXA	0.0	U7DYB

3F	B53	G60X80	5.77	8.781E-04	U2	4.110E-04	U5DXA	0.0	U7DYB	
3F	B53	G60X80	6.25	1.347E-03	U2	6.680E-04	U2	0.0	U7DYB	
3F	B54	G60X80	0.45	1.600E-03	U2	1.053E-03	U2	0.0	U7DYB	
3F	B54	G60X80	0.87	1.518E-03	U2	5.229E-04	U2	0.0	U7DYB	
3F	B54	G60X80	1.29	9.469E-04	U2	5.229E-04	U2	0.0	U7DYB	
3F	B54	G60X80	1.71	5.229E-04	U2	5.229E-04	U2	0.0	U7DYB	
3F	B54	G60X80	2.13	5.229E-04	U2	5.229E-04	U2	0.0	U7DYB	
3F	B54	G60X80	2.55	5.229E-04	U2	6.536E-04	U5DXA	0.0	U7DYB	
3F	B54	G60X80	2.97	5.229E-04	U2	9.736E-04	U5DXB	0.0	U7DYB	
3F	B54	G60X80	2.97	5.229E-04	U2	9.736E-04	U5DXB	0.0	U7DYB	
3F	B54	G60X80	3.44	5.229E-04	U2	1.076E-03	U5DXB	0.0	U7DYB	
3F	B54	G60X80	3.90	5.229E-04	U2	1.125E-03	U5DXB	0.0	U7DYB	
3F	B54	G60X80	4.36	5.229E-04	U2	1.120E-03	U5DXB	0.0	U7DYB	
3F	B54	G60X80	4.82	5.229E-04	U2	1.057E-03	U5DXB	0.0	U7DYB	
3F	B54	G60X80	5.28	5.229E-04	U2	9.231E-04	U5DXB	0.0	U7DYB	
3F	B54	G60X80	5.74	5.229E-04	U2	7.315E-04	U2	0.0	U7DYB	
3F	B54	G60X80	6.20	5.229E-04	U2	5.229E-04	U2	0.0	U7DYB	
3F	B54	G60X80	6.66	5.229E-04	U2	5.229E-04	U2	0.0	U7DYB	
3F	B54	G60X80	7.12	5.265E-04	U5DXA	5.229E-04	U2	0.0	U7DYB	
3F	B54	G60X80	7.58	9.937E-04	U5DXA	5.229E-04	U2	0.0	U7DYB	
3F	B54	G60X80	7.58	9.937E-04	U5DXA	5.229E-04	U2	0.0	U7DYB	
3F	B54	G60X80	7.96	1.507E-03	U5DXA	5.229E-04	U2	0.0	U7DYB	
3F	B54	G60X80	8.35	1.552E-03	U5DYB	1.012E-03	U5DXA	0.0	U7DYB	
3F	B57	B30X50	0.00	0.0	U7DYB	0.0	U7DYB	0.0	U7DYB	
3F	B57	B30X50	0.50	0.0	U2	1.937E-04	U5DYB	0.0	U7DYB	
3F	B57	B30X50	1.00	0.0	U2	3.458E-04	U5DYB	0.0	U7DYB	
3F	B57	B30X50	1.50	0.0	U2	4.313E-04	U5DYB	0.0	U7DYB	
3F	B57	B30X50	2.00	0.0	U2	4.313E-04	U5DYB	0.0	U7DYB	
3F	B57	B30X50	2.50	0.0	U2	3.458E-04	U5DYB	0.0	U7DYB	
3F	B57	B30X50	3.00	0.0	U2	1.937E-04	U5DYB	0.0	U7DYB	
3F	B57	B30X50	3.50	0.0	U2	0.0	U2	0.0	U7DYB	
3F	B59	B40X60	0.00	0.0	U7DYB	0.0	U7DYB	0.0	U7DYB	
3F	B59	B40X60	0.47	0.0	U2	6.534E-04	U5DYB	0.0	U7DYB	
3F	B59	B40X60	0.95	0.0	U2	9.684E-04	U5DYB	0.0	U7DYB	
3F	B59	B40X60	1.42	0.0	U2	1.415E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	1.89	0.0	U2	1.814E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	2.37	0.0	U2	2.155E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	2.84	0.0	U2	2.432E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	3.31	0.0	U2	2.641E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	3.79	0.0	U2	2.778E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	4.26	0.0	U2	2.842E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	4.73	0.0	U2	2.830E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	5.21	0.0	U2	2.742E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	5.68	0.0	U2	2.582E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	6.15	0.0	U2	2.351E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	6.63	0.0	U2	2.061E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	7.10	0.0	U2	1.726E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	7.58	0.0	U2	1.359E-03	U5DYB	0.0	U7DYB	
3F	B59	B40X60	7.58	0.0	U2	1.359E-03	U5DXB	0.0	U7DYB	
3F	B59	B40X60	7.98	0.0	U2	9.143E-04	U5DXB	0.0	U7DYB	
3F	B59	B40X60	8.39	0.0	U2	6.123E-04	U5DXB	0.0	U7DYB	
3F	B59	B40X60	8.80	0.0	U2	0.0	U2	0.0	U7DYB	
3F	B61	G90X120	0.45	6.341E-04	U5EYA	3.165E-04	U5EYA	0.0	U7DYB	
3F	B61	G90X120	0.95	4.083E-04	U5EYA	1.581E-04	U5EYA	0.0	U7DYB	
3F	B61	G90X120	1.45	2.188E-04	U5EYA	1.764E-04	U7EYA	0.0	U7DYB	
3F	B61	G90X120	1.95	1.581E-04	U5EYA	2.603E-04	U5EYA	0.0	U7DYB	
3F	B61	G90X120	2.45	1.581E-04	U5EYA	3.071E-04	U5EYA	0.0	U7DYB	
3F	B61	G90X120	2.95	1.581E-04	U5EYA	3.037E-04	U5EYA	0.0	U7DYB	
3F	B61	G90X120	3.45	1.581E-04	U5EYA	2.500E-04	U5EYA	0.0	U7DYB	
3F	B61	G90X120	3.95	1.581E-04	U5EYA	1.581E-04	U5EYA	0.0	U7DYB	
3F	B61	G90X120	4.45	1.581E-04	U5EYA	1.581E-04	U5EYA	0.0	U7DYB	

3F	B61	G90X120	4.95	1.775E-04	U5EYB	1.581E-04	U5EYA	0.0	U7DYB
3F	B61	G90X120	5.45	3.813E-04	U5EYB	1.581E-04	U5EYA	0.0	U7DYB
3F	B61	G90X120	5.45	2.519E-04	U5EYB	1.581E-04	U5EYA	0.0	U7DYB
3F	B61	G90X120	5.92	1.581E-04	U5EYA	1.581E-04	U5EYA	0.0	U7DYB
3F	B61	G90X120	6.38	1.581E-04	U5EYA	1.581E-04	U5EYA	0.0	U7DYB
3F	B61	G90X120	6.85	1.581E-04	U5EYA	1.648E-04	U5EYA	0.0	U7DYB
3F	B61	G90X120	7.32	1.581E-04	U5EYA	2.379E-04	U5EYA	0.0	U7DYB
3F	B61	G90X120	7.78	1.581E-04	U5EYA	2.721E-04	U5EYA	0.0	U7DYB
3F	B61	G90X120	8.25	1.581E-04	U5EYA	2.644E-04	U5EYA	0.0	U7DYB
3F	B61	G90X120	8.72	2.109E-04	U5EYA	2.174E-04	U7EYA	0.0	U7DYB
3F	B61	G90X120	9.18	3.617E-04	U5EYA	1.775E-04	U7EYA	0.0	U7DYB
3F	B61	G90X120	9.65	5.454E-04	U5EYA	2.723E-04	U5EYA	0.0	U7DYB
3F	B62	G70X90	0.45	4.231E-03	U5DYB	2.053E-03	U5DYB	2.887E-03	U7DXA
3F	B62	G70X90	0.89	3.136E-03	U5DYB	1.350E-03	U5DYB	2.887E-03	U7DXA
3F	B62	G70X90	1.32	2.106E-03	U5DYB	1.350E-03	U5DYB	2.887E-03	U7DXA
3F	B62	G70X90	1.76	1.559E-03	U5DYA	1.350E-03	U5DYB	2.887E-03	U7DXA
3F	B62	G70X90	2.19	1.350E-03	U5DYB	1.350E-03	U5DYB	2.887E-03	U7DXA
3F	B62	G70X90	2.63	1.350E-03	U5DYB	1.350E-03	U5DYB	2.887E-03	U7DXA
3F	B62	G70X90	3.06	1.350E-03	U5DYB	1.864E-03	U5DXB	2.887E-03	U7DXA
3F	B62	G70X90	3.50	1.350E-03	U5DYB	2.172E-03	U5DXB	2.887E-03	U7DXA
3F	B62	G70X90	3.50	1.350E-03	U5DYB	2.785E-03	U5DYA	2.887E-03	U7DYB
3F	B62	G70X90	3.99	1.350E-03	U5DYB	2.763E-03	U5DYA	2.887E-03	U7DYB
3F	B62	G70X90	4.47	1.350E-03	U5DYB	2.704E-03	U5DYA	2.887E-03	U7DYB
3F	B62	G70X90	4.96	1.350E-03	U5DYB	2.606E-03	U5DYA	2.887E-03	U7DYB
3F	B62	G70X90	5.45	1.350E-03	U5DYB	2.481E-03	U5DYA	2.887E-03	U7DYB
3F	B62	G70X90	5.45	1.350E-03	U5DYB	2.615E-03	U5DYA	0.0	U7DYB
3F	B62	G70X90	5.93	1.350E-03	U5DYB	2.057E-03	U5DYA	0.0	U7DYB
3F	B62	G70X90	6.42	1.350E-03	U5DYB	1.910E-03	U5DYB	0.0	U7DYB
3F	B62	G70X90	6.90	1.350E-03	U5DYB	1.350E-03	U5DYB	0.0	U7DYB
3F	B62	G70X90	7.38	1.350E-03	U5DYB	1.350E-03	U5DYB	0.0	U7DYB
3F	B62	G70X90	7.87	1.350E-03	U5DYB	1.350E-03	U5DYB	0.0	U7DYB
3F	B62	G70X90	8.35	1.579E-03	U5DYA	1.350E-03	U5DYB	0.0	U7DYB
3F	B62	G70X90	8.83	1.999E-03	U5DYA	1.350E-03	U5DYB	0.0	U7DYB
3F	B62	G70X90	9.32	2.878E-03	U5DYA	1.350E-03	U5DYB	0.0	U7DYB
3F	B62	G70X90	9.80	3.817E-03	U5DYA	1.910E-03	U5DYB	0.0	U7DYB
3F	B63	G70X90	0.45	2.280E-04	U5EYA	1.139E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	0.89	1.155E-04	U7EYA	1.143E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	1.32	1.143E-04	U5EYA	1.481E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	1.76	1.143E-04	U5EYA	1.698E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	2.19	1.143E-04	U5EYA	1.603E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	2.63	1.143E-04	U5EYA	1.195E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	3.06	1.143E-04	U5EYA	1.143E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	3.50	1.143E-04	U5EYA	1.143E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	3.50	1.143E-04	U5EYA	1.143E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	3.99	1.143E-04	U5EYA	1.143E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	4.47	1.143E-04	U5EYA	1.143E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	4.96	1.143E-04	U5EYA	1.143E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	5.45	1.143E-04	U5EYA	1.143E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	5.45	2.861E-04	U5DYB	1.143E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	5.93	1.143E-04	U5EYA	1.143E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	6.42	1.143E-04	U5EYA	1.143E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	6.90	1.143E-04	U5EYA	1.508E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	7.38	1.143E-04	U5EYA	2.082E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	7.87	1.143E-04	U5EYA	2.135E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	8.35	1.143E-04	U5EYA	1.629E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	8.83	1.143E-04	U5EYA	1.143E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	9.32	2.473E-04	U5EYA	1.143E-04	U5EYA	0.0	U7DYB
3F	B63	G70X90	9.80	4.588E-04	U5EYA	2.289E-04	U5EYA	0.0	U7DYB
3F	B64	B60X80	0.00	2.075E-03	U5DXB	1.360E-03	U5DXB	0.0	U7DYB
3F	B64	B60X80	0.48	1.601E-03	U5DXA	6.742E-04	U5DXB	0.0	U7DYB
3F	B64	B60X80	0.96	1.548E-03	U5DXA	6.742E-04	U5DXB	0.0	U7DYB
3F	B64	B60X80	1.44	1.013E-03	U5DXA	6.742E-04	U5DXB	0.0	U7DYB

3F	B64	B60X80	1.91	6.742E-04	U5DXB	6.742E-04	U5DXB	0.0	U7DYB
3F	B64	B60X80	2.39	6.742E-04	U5DXB	6.742E-04	U5DXB	0.0	U7DYB
3F	B64	B60X80	2.87	6.742E-04	U5DXB	6.742E-04	U5DXB	0.0	U7DYB
3F	B64	B60X80	3.35	6.742E-04	U5DXB	6.742E-04	U5DXB	0.0	U7DYB
3F	B64	B60X80	3.83	6.742E-04	U5DXB	7.576E-04	U5DXA	0.0	U7DYB
3F	B64	B60X80	4.31	6.742E-04	U5DXB	8.210E-04	U5DXA	0.0	U7DYB
3F	B64	B60X80	4.79	6.742E-04	U5DXB	8.139E-04	U5DXA	0.0	U7DYB
3F	B64	B60X80	5.26	6.742E-04	U5DXB	7.454E-04	U5DXA	0.0	U7DYB
3F	B64	B60X80	5.74	6.742E-04	U5DXB	6.742E-04	U5DXB	0.0	U7DYB
3F	B64	B60X80	6.22	6.742E-04	U5DXB	6.742E-04	U5DXB	0.0	U7DYB
3F	B64	B60X80	6.70	3.472E-04	U2	2.859E-04	U5DXA	0.0	U7DYB
3F	B65	B60X80	0.00	7.837E-04	U2	3.900E-04	U2	0.0	U7DYB
3F	B65	B60X80	0.49	7.033E-04	U5DYB	7.033E-04	U5DYB	0.0	U7DYB
3F	B65	B60X80	0.98	7.033E-04	U5DYB	7.033E-04	U5DYB	0.0	U7DYB
3F	B65	B60X80	1.47	7.033E-04	U5DYB	7.289E-04	U5DYA	0.0	U7DYB
3F	B65	B60X80	1.96	7.033E-04	U5DYB	9.555E-04	U5DYA	0.0	U7DYB
3F	B65	B60X80	2.44	7.033E-04	U5DYB	1.125E-03	U5DYB	0.0	U7DYB
3F	B65	B60X80	2.93	7.033E-04	U5DYB	1.248E-03	U5DYB	0.0	U7DYB
3F	B65	B60X80	3.42	7.033E-04	U5DYB	1.297E-03	U5DYB	0.0	U7DYB
3F	B65	B60X80	3.91	7.033E-04	U5DYB	1.273E-03	U5DXB	0.0	U7DYB
3F	B65	B60X80	4.40	7.033E-04	U5DYB	1.177E-03	U5DXB	0.0	U7DYB
3F	B65	B60X80	4.89	7.033E-04	U5DYB	1.009E-03	U5DXB	0.0	U7DYB
3F	B65	B60X80	5.38	7.033E-04	U5DYB	7.725E-04	U5DYB	0.0	U7DYB
3F	B65	B60X80	5.87	7.033E-04	U5DYB	7.033E-04	U5DYB	0.0	U7DYB
3F	B65	B60X80	6.36	7.033E-04	U5DYB	7.033E-04	U5DYB	0.0	U7DYB
3F	B65	B60X80	6.84	7.033E-04	U5DYB	7.033E-04	U5DYB	0.0	U7DYB
3F	B65	B60X80	7.33	9.495E-04	U5DYA	7.033E-04	U5DYB	0.0	U7DYB
3F	B65	B60X80	7.82	1.526E-03	U5DYB	7.033E-04	U5DYB	0.0	U7DYB
3F	B65	B60X80	8.31	1.638E-03	U5DYB	7.033E-04	U5DYB	0.0	U7DYB
3F	B65	B60X80	8.80	2.168E-03	U5DYB	1.419E-03	U5DYB	0.0	U7DYB
3F	B80	G60X80	0.55	1.248E-03	U5DXA	6.192E-04	U5DXA	0.0	U7DYB
3F	B80	G60X80	1.03	8.264E-04	U5DXA	3.837E-04	U2	0.0	U7DYB
3F	B80	G60X80	1.50	4.513E-04	U5DXA	3.837E-04	U2	0.0	U7DYB
3F	B80	G60X80	1.98	3.837E-04	U2	4.798E-04	U2	0.0	U7DYB
3F	B80	G60X80	2.45	3.837E-04	U2	5.714E-04	U2	0.0	U7DYB
3F	B80	G60X80	2.93	3.837E-04	U2	5.810E-04	U2	0.0	U7DYB
3F	B80	G60X80	3.40	3.837E-04	U2	5.292E-04	U5DXA	0.0	U7DYB
3F	B80	G60X80	3.88	3.837E-04	U2	4.756E-04	U5DXB	0.0	U7DYB
3F	B80	G60X80	4.35	3.837E-04	U2	3.837E-04	U2	0.0	U7DYB
3F	B80	G60X80	4.83	3.837E-04	U2	3.837E-04	U2	0.0	U7DYB
3F	B80	G60X80	5.30	6.082E-04	U2	3.837E-04	U2	0.0	U7DYB
3F	B80	G60X80	5.78	1.059E-03	U2	3.837E-04	U2	0.0	U7DYB
3F	B80	G60X80	6.25	1.552E-03	U2	7.711E-04	U2	0.0	U7DYB
3F	B81	G60X80	0.45	1.552E-03	U5DYB	9.467E-04	U2	0.0	U7DYB
3F	B81	G60X80	0.94	1.287E-03	U2	4.706E-04	U2	0.0	U7DYB
3F	B81	G60X80	1.44	7.131E-04	U2	4.706E-04	U2	0.0	U7DYB
3F	B81	G60X80	1.93	4.706E-04	U2	4.706E-04	U2	0.0	U7DYB
3F	B81	G60X80	2.43	4.706E-04	U2	4.706E-04	U2	0.0	U7DYB
3F	B81	G60X80	2.92	4.706E-04	U2	7.057E-04	U5EXB	0.0	U7DYB
3F	B81	G60X80	3.41	4.706E-04	U2	9.247E-04	U5EXB	0.0	U7DYB
3F	B81	G60X80	3.91	4.706E-04	U2	1.053E-03	U5DXB	0.0	U7DYB
3F	B81	G60X80	4.40	4.706E-04	U2	1.092E-03	U5DXB	0.0	U7DYB
3F	B81	G60X80	4.89	4.706E-04	U2	1.037E-03	U5DXB	0.0	U7DYB
3F	B81	G60X80	5.39	4.706E-04	U2	9.118E-04	U2	0.0	U7DYB
3F	B81	G60X80	5.88	4.706E-04	U2	7.056E-04	U2	0.0	U7DYB
3F	B81	G60X80	6.38	4.706E-04	U2	4.706E-04	U2	0.0	U7DYB
3F	B81	G60X80	6.87	4.706E-04	U2	4.706E-04	U2	0.0	U7DYB
3F	B81	G60X80	7.36	6.061E-04	U5EXB	4.706E-04	U2	0.0	U7DYB
3F	B81	G60X80	7.86	1.169E-03	U5EXB	4.706E-04	U2	0.0	U7DYB
3F	B81	G60X80	8.35	1.552E-03	U5DYB	8.839E-04	U5EXB	0.0	U7DYB
3F	B83	B60X80	0.00	1.674E-03	U5DXA	1.101E-03	U5DXA	0.0	U7DYB

3F	B83	B60X80	0.48	1.552E-03	U5DYB	5.466E-04	U5DXA	0.0	U7DYB
3F	B83	B60X80	0.96	1.200E-03	U5DXA	5.466E-04	U5DXA	0.0	U7DYB
3F	B83	B60X80	1.44	7.498E-04	U5DXA	5.466E-04	U5DXA	0.0	U7DYB
3F	B83	B60X80	1.91	5.466E-04	U5DXA	5.466E-04	U5DXA	0.0	U7DYB
3F	B83	B60X80	2.39	5.466E-04	U5DXA	5.466E-04	U5DXA	0.0	U7DYB
3F	B83	B60X80	2.87	5.466E-04	U5DXA	5.466E-04	U5DXA	0.0	U7DYB
3F	B83	B60X80	3.35	5.466E-04	U5DXA	5.530E-04	U5DXA	0.0	U7DYB
3F	B83	B60X80	3.83	5.466E-04	U5DXA	5.909E-04	U5DXA	0.0	U7DYB
3F	B83	B60X80	4.31	5.466E-04	U5DXA	5.482E-04	U5DXB	0.0	U7DYB
3F	B83	B60X80	4.79	5.466E-04	U5DXA	5.466E-04	U5DXA	0.0	U7DYB
3F	B83	B60X80	5.26	5.466E-04	U5DXA	5.466E-04	U5DXA	0.0	U7DYB
3F	B83	B60X80	5.74	5.466E-04	U5DXA	5.466E-04	U5DXA	0.0	U7DYB
3F	B83	B60X80	6.22	6.073E-04	U2	5.466E-04	U5DXA	0.0	U7DYB
3F	B83	B60X80	6.70	9.835E-04	U2	4.888E-04	U2	0.0	U7DYB
3F	B84	B60X80	0.00	1.276E-03	U2	6.331E-04	U2	0.0	U7DYB
3F	B84	B60X80	0.49	7.492E-04	U5EXB	7.492E-04	U5EXB	0.0	U7DYB
3F	B84	B60X80	0.98	7.492E-04	U5EXB	7.492E-04	U5EXB	0.0	U7DYB
3F	B84	B60X80	1.47	7.492E-04	U5EXB	7.492E-04	U5EXB	0.0	U7DYB
3F	B84	B60X80	1.96	7.492E-04	U5EXB	8.772E-04	U5DXB	0.0	U7DYB
3F	B84	B60X80	2.44	7.492E-04	U5EXB	1.187E-03	U5DXB	0.0	U7DYB
3F	B84	B60X80	2.93	7.492E-04	U5EXB	1.409E-03	U5DXB	0.0	U7DYB
3F	B84	B60X80	3.42	7.492E-04	U5EXB	1.535E-03	U5DXB	0.0	U7DYB
3F	B84	B60X80	3.91	7.492E-04	U5EXB	1.552E-03	U5DYB	0.0	U7DYB
3F	B84	B60X80	4.40	7.492E-04	U5EXB	1.497E-03	U5DXB	0.0	U7DYB
3F	B84	B60X80	4.89	7.492E-04	U5EXB	1.333E-03	U5DXB	0.0	U7DYB
3F	B84	B60X80	5.38	7.492E-04	U5EXB	1.074E-03	U5DXB	0.0	U7DYB
3F	B84	B60X80	5.87	7.492E-04	U5EXB	7.492E-04	U5EXB	0.0	U7DYB
3F	B84	B60X80	6.36	7.492E-04	U5EXB	7.492E-04	U5EXB	0.0	U7DYB
3F	B84	B60X80	6.84	7.492E-04	U5EXB	7.492E-04	U5EXB	0.0	U7DYB
3F	B84	B60X80	7.33	8.724E-04	U5DXB	7.492E-04	U5EXB	0.0	U7DYB
3F	B84	B60X80	7.82	1.552E-03	U5DXB	7.492E-04	U5EXB	0.0	U7DYB
3F	B84	B60X80	8.31	1.721E-03	U5EXB	7.492E-04	U5EXB	0.0	U7DYB
3F	B84	B60X80	8.80	2.313E-03	U5EXB	1.512E-03	U5EXB	0.0	U7DYB
3F	B85	G90X120	0.60	5.478E-04	U5EYA	2.735E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	1.09	3.479E-04	U5EYA	1.621E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	1.59	1.913E-04	U7EYA	2.164E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	2.08	1.621E-04	U5EYA	2.741E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	2.57	1.621E-04	U5EYA	2.864E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	3.07	1.621E-04	U5EYA	2.508E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	3.56	1.621E-04	U5EYA	1.709E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	4.05	1.621E-04	U5EYA	1.621E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	4.54	1.621E-04	U5EYA	1.621E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	5.04	2.923E-04	U5EYB	1.621E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	5.04	3.822E-04	U5EYB	1.621E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	5.49	1.970E-04	U5EXB	1.621E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	5.95	1.621E-04	U5EYA	1.621E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	6.40	1.621E-04	U5EYA	1.621E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	6.86	1.621E-04	U5EYA	2.141E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	7.32	1.621E-04	U5EYA	2.779E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	7.77	1.621E-04	U5EYA	3.014E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	8.23	1.621E-04	U5EYA	2.822E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	8.68	1.621E-04	U5EYA	2.226E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	9.14	2.631E-04	U5EYA	1.621E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	9.59	4.417E-04	U5EYA	1.621E-04	U5EYA	0.0	U7DYB
3F	B85	G90X120	10.05	6.501E-04	U5EYA	3.245E-04	U5EYA	0.0	U7DYB
3F	B86	G70X90	0.45	3.323E-03	U2	1.910E-03	U5DYB	0.0	U7DYB
3F	B86	G70X90	0.91	2.535E-03	U2	1.071E-03	U2	0.0	U7DYB
3F	B86	G70X90	1.37	1.910E-03	U5DYB	1.071E-03	U2	0.0	U7DYB
3F	B86	G70X90	1.83	1.480E-03	U2	1.071E-03	U2	0.0	U7DYB
3F	B86	G70X90	2.29	1.071E-03	U2	1.071E-03	U2	0.0	U7DYB
3F	B86	G70X90	2.74	1.071E-03	U2	1.071E-03	U2	0.0	U7DYB
3F	B86	G70X90	3.20	1.071E-03	U2	1.071E-03	U2	0.0	U7DYB

3F	B86	G70X90	3.66	1.071E-03	U2	1.397E-03	U2	0.0	U7DYB
3F	B86	G70X90	4.12	1.071E-03	U2	1.910E-03	U2	0.0	U7DYB
3F	B86	G70X90	4.58	1.071E-03	U2	1.910E-03	U5DYB	0.0	U7DYB
3F	B86	G70X90	5.04	1.071E-03	U2	2.269E-03	U2	0.0	U7DYB
3F	B86	G70X90	5.04	1.071E-03	U2	2.241E-03	U2	0.0	U7DYB
3F	B86	G70X90	5.49	1.071E-03	U2	1.951E-03	U2	0.0	U7DYB
3F	B86	G70X90	5.95	1.071E-03	U2	1.910E-03	U5DYB	0.0	U7DYB
3F	B86	G70X90	6.40	1.071E-03	U2	1.740E-03	U2	0.0	U7DYB
3F	B86	G70X90	6.86	1.071E-03	U2	1.243E-03	U2	0.0	U7DYB
3F	B86	G70X90	7.32	1.071E-03	U2	1.071E-03	U2	0.0	U7DYB
3F	B86	G70X90	7.77	1.071E-03	U2	1.071E-03	U2	0.0	U7DYB
3F	B86	G70X90	8.23	1.071E-03	U2	1.071E-03	U2	0.0	U7DYB
3F	B86	G70X90	8.68	1.419E-03	U2	1.071E-03	U2	0.0	U7DYB
3F	B86	G70X90	9.14	1.910E-03	U5DYB	1.071E-03	U2	0.0	U7DYB
3F	B86	G70X90	9.59	2.409E-03	U2	1.071E-03	U2	0.0	U7DYB
3F	B86	G70X90	10.05	3.153E-03	U2	1.910E-03	U5DYB	0.0	U7DYB
3F	B87	G70X90	0.45	5.317E-04	U5EYA	2.651E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	0.91	3.161E-04	U5EYA	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	1.37	1.490E-04	U5EYA	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	1.83	1.490E-04	U5EYA	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	2.29	1.490E-04	U5EYA	1.860E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	2.74	1.490E-04	U5EYA	2.094E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	3.20	1.490E-04	U5EYA	1.819E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	3.66	1.490E-04	U5EYA	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	4.12	1.490E-04	U5EYA	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	4.58	1.667E-04	U5DYB	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	5.04	3.530E-04	U5EYB	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	5.04	4.460E-04	U5DYB	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	5.49	2.303E-04	U5DYB	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	5.95	1.490E-04	U5EYA	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	6.40	1.490E-04	U5EYA	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	6.86	1.490E-04	U5EYA	2.087E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	7.32	1.490E-04	U5EYA	2.656E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	7.77	1.490E-04	U5EYA	2.724E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	8.23	1.490E-04	U5EYA	2.256E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	8.68	1.490E-04	U5EYA	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	9.14	1.615E-04	U5EYA	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	9.59	3.621E-04	U5EYA	1.490E-04	U5EYA	0.0	U7DYB
3F	B87	G70X90	10.05	5.987E-04	U5EYA	2.985E-04	U5EYA	0.0	U7DYB
3F	B88	G100X150-C	0.60	4.121E-03	U1	2.044E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	1.09	3.496E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	1.59	2.907E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	2.08	2.354E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	2.58	1.835E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	3.07	1.353E-03	U5EYB	1.018E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	3.57	1.018E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	4.06	1.018E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	4.56	1.018E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	5.05	1.018E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	5.55	1.018E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	6.04	1.018E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	6.54	1.018E-03	U1	1.125E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	7.03	1.018E-03	U1	1.351E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	7.53	1.018E-03	U1	1.546E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	8.02	1.018E-03	U1	1.710E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	8.52	1.018E-03	U1	1.841E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	9.01	1.018E-03	U1	1.940E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	9.51	1.018E-03	U1	2.007E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	10.00	1.018E-03	U1	2.041E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	10.50	1.018E-03	U1	2.043E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	10.99	1.018E-03	U1	2.013E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	11.49	1.018E-03	U1	1.951E-03	U1	0.0	U7DYB
3F	B88	G100X150-C	11.98	1.018E-03	U1	1.856E-03	U1	0.0	U7DYB

3F	B88G100X150-C	12.48	1.018E-03	U1	1.730E-03	U1	0.0	U7DYB
3F	B88G100X150-C	12.97	1.018E-03	U1	1.571E-03	U1	0.0	U7DYB
3F	B88G100X150-C	13.47	1.018E-03	U1	1.380E-03	U1	0.0	U7DYB
3F	B88G100X150-C	13.96	1.018E-03	U1	1.158E-03	U1	0.0	U7DYB
3F	B88G100X150-C	14.46	1.018E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88G100X150-C	14.95	1.018E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88G100X150-C	15.45	1.018E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88G100X150-C	15.94	1.018E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88G100X150-C	16.44	1.018E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88G100X150-C	16.93	1.018E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88G100X150-C	17.43	1.301E-03	U5EYA	1.018E-03	U1	0.0	U7DYB
3F	B88G100X150-C	17.92	1.765E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88G100X150-C	18.42	2.280E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88G100X150-C	18.91	2.828E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88G100X150-C	19.41	3.412E-03	U1	1.018E-03	U1	0.0	U7DYB
3F	B88G100X150-C	19.90	4.032E-03	U1	2.000E-03	U1	0.0	U7DYB

3F	B117 G60X80	0.45	1.497E-03	U5DXA	7.417E-04	U5DXA	0.0	U7DYB
3F	B117 G60X80	0.93	1.045E-03	U5DXA	3.734E-04	U2	0.0	U7DYB
3F	B117 G60X80	1.42	6.391E-04	U5DXA	3.734E-04	U2	0.0	U7DYB
3F	B117 G60X80	1.90	3.734E-04	U2	3.893E-04	U2	0.0	U7DYB
3F	B117 G60X80	2.38	3.734E-04	U2	4.982E-04	U2	0.0	U7DYB
3F	B117 G60X80	2.87	3.734E-04	U2	5.266E-04	U2	0.0	U7DYB
3F	B117 G60X80	3.35	3.734E-04	U2	5.219E-04	U5DXA	0.0	U7DYB
3F	B117 G60X80	3.83	3.734E-04	U2	4.590E-04	U5DXA	0.0	U7DYB
3F	B117 G60X80	4.32	3.734E-04	U2	3.734E-04	U2	0.0	U7DYB
3F	B117 G60X80	4.80	3.734E-04	U2	3.734E-04	U2	0.0	U7DYB
3F	B117 G60X80	5.28	5.849E-04	U2	3.734E-04	U2	0.0	U7DYB
3F	B117 G60X80	5.77	1.025E-03	U2	3.734E-04	U2	0.0	U7DYB
3F	B117 G60X80	6.25	1.515E-03	U2	7.502E-04	U2	0.0	U7DYB

3F	B118 G60X80	0.45	1.552E-03	U5DYB	9.430E-04	U2	0.0	U7DYB
3F	B118 G60X80	0.94	1.283E-03	U2	4.688E-04	U2	0.0	U7DYB
3F	B118 G60X80	1.44	7.126E-04	U2	4.688E-04	U2	0.0	U7DYB
3F	B118 G60X80	1.93	4.688E-04	U2	4.688E-04	U2	0.0	U7DYB
3F	B118 G60X80	2.43	4.688E-04	U2	4.688E-04	U2	0.0	U7DYB
3F	B118 G60X80	2.92	4.688E-04	U2	6.996E-04	U5EXB	0.0	U7DYB
3F	B118 G60X80	3.41	4.688E-04	U2	9.214E-04	U5EXB	0.0	U7DYB
3F	B118 G60X80	3.91	4.688E-04	U2	1.055E-03	U5DXB	0.0	U7DYB
3F	B118 G60X80	4.40	4.688E-04	U2	1.098E-03	U5DXB	0.0	U7DYB
3F	B118 G60X80	4.89	4.688E-04	U2	1.051E-03	U5DXB	0.0	U7DYB
3F	B118 G60X80	5.39	4.688E-04	U2	9.355E-04	U2	0.0	U7DYB
3F	B118 G60X80	5.88	4.688E-04	U2	7.402E-04	U2	0.0	U7DYB
3F	B118 G60X80	6.38	4.688E-04	U2	4.688E-04	U2	0.0	U7DYB
3F	B118 G60X80	6.87	4.688E-04	U2	4.688E-04	U2	0.0	U7DYB
3F	B118 G60X80	7.36	5.254E-04	U5DXB	4.688E-04	U2	0.0	U7DYB
3F	B118 G60X80	7.86	1.070E-03	U5DXB	4.688E-04	U2	0.0	U7DYB
3F	B118 G60X80	8.35	1.552E-03	U5DYB	8.264E-04	U5DXB	0.0	U7DYB

3F	B119 B60X80	0.00	1.552E-03	U5DYB	1.007E-03	U5DXB	0.0	U7DYB
3F	B119 B60X80	0.48	1.535E-03	U5DXA	5.004E-04	U5DXB	0.0	U7DYB
3F	B119 B60X80	0.96	1.075E-03	U5DXA	5.004E-04	U5DXB	0.0	U7DYB
3F	B119 B60X80	1.44	6.605E-04	U5DXA	5.004E-04	U5DXB	0.0	U7DYB
3F	B119 B60X80	1.91	5.004E-04	U5DXB	5.004E-04	U5DXB	0.0	U7DYB
3F	B119 B60X80	2.39	5.004E-04	U5DXB	5.004E-04	U5DXB	0.0	U7DYB
3F	B119 B60X80	2.87	5.004E-04	U5DXB	5.004E-04	U5DXB	0.0	U7DYB
3F	B119 B60X80	3.35	5.004E-04	U5DXB	5.004E-04	U5DXB	0.0	U7DYB
3F	B119 B60X80	3.83	5.004E-04	U5DXB	5.004E-04	U5DXB	0.0	U7DYB
3F	B119 B60X80	4.31	5.004E-04	U5DXB	5.004E-04	U5DXB	0.0	U7DYB
3F	B119 B60X80	4.79	5.004E-04	U5DXB	5.004E-04	U5DXB	0.0	U7DYB
3F	B119 B60X80	5.26	5.004E-04	U5DXB	5.004E-04	U5DXB	0.0	U7DYB
3F	B119 B60X80	5.74	5.004E-04	U5DXB	5.004E-04	U5DXB	0.0	U7DYB
3F	B119 B60X80	6.22	6.920E-04	U2	5.004E-04	U5DXB	0.0	U7DYB
3F	B119 B60X80	6.70	1.071E-03	U2	5.321E-04	U2	0.0	U7DYB

3F	B120	B60X80	0.00	1.471E-03	U2	7.287E-04	U2	0.0	U7DYB
3F	B120	B60X80	0.49	8.773E-04	U5DXB	8.773E-04	U5DXB	0.0	U7DYB
3F	B120	B60X80	0.98	8.773E-04	U5DXB	8.773E-04	U5DXB	0.0	U7DYB
3F	B120	B60X80	1.47	8.773E-04	U5DXB	8.773E-04	U5DXB	0.0	U7DYB
3F	B120	B60X80	1.96	8.773E-04	U5DXB	8.773E-04	U5DXB	0.0	U7DYB
3F	B120	B60X80	2.45	8.773E-04	U5DXB	1.176E-03	U5DXB	0.0	U7DYB
3F	B120	B60X80	2.94	8.773E-04	U5DXB	1.428E-03	U5DXB	0.0	U7DYB
3F	B120	B60X80	3.43	8.773E-04	U5DXB	1.552E-03	U5DYB	0.0	U7DYB
3F	B120	B60X80	3.92	8.773E-04	U5DXB	1.552E-03	U5DYB	0.0	U7DYB
3F	B120	B60X80	4.41	8.773E-04	U5DXB	1.552E-03	U5DYB	0.0	U7DYB
3F	B120	B60X80	4.90	8.773E-04	U5DXB	1.500E-03	U5DXB	0.0	U7DYB
3F	B120	B60X80	5.39	8.773E-04	U5DXB	1.317E-03	U5DXB	0.0	U7DYB
3F	B120	B60X80	5.88	8.773E-04	U5DXB	1.085E-03	U2	0.0	U7DYB
3F	B120	B60X80	5.88	8.773E-04	U5DXB	1.085E-03	U2	0.0	U7DYB
3F	B120	B60X80	6.36	8.773E-04	U5DXB	8.773E-04	U5DXB	0.0	U7DYB
3F	B120	B60X80	6.85	8.773E-04	U5DXB	8.773E-04	U5DXB	0.0	U7DYB
3F	B120	B60X80	7.34	9.519E-04	U5DXB	8.773E-04	U5DXB	0.0	U7DYB
3F	B120	B60X80	7.83	1.552E-03	U5DYB	8.773E-04	U5DXB	0.0	U7DYB
3F	B120	B60X80	8.31	2.002E-03	U5DXB	8.773E-04	U5DXB	0.0	U7DYB
3F	B120	B60X80	8.80	2.724E-03	U5DXB	1.552E-03	U5DYB	0.0	U7DYB
3F	B121	G90X120	0.45	3.898E-04	U5EYA	1.947E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	0.91	2.432E-04	U5EYA	1.603E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	1.38	1.603E-04	U5EYA	1.603E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	1.84	1.603E-04	U5EYA	1.830E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	2.30	1.603E-04	U5EYA	1.811E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	2.76	1.603E-04	U5EYA	1.603E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	3.23	1.603E-04	U5EYA	1.603E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	3.69	1.603E-04	U5EYA	1.603E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	4.15	1.818E-04	U5EXB	1.603E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	4.15	4.380E-04	U5EYB	1.603E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	4.63	2.266E-04	U5EYB	1.603E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	5.10	1.603E-04	U5EYA	1.603E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	5.58	1.603E-04	U5EYA	1.603E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	6.06	1.603E-04	U5EYA	2.284E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	6.54	1.603E-04	U5EYA	3.017E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	7.01	1.603E-04	U5EYA	3.298E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	7.49	1.603E-04	U5EYA	3.095E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	7.97	1.603E-04	U5EYA	2.428E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	8.45	2.189E-04	U5EYA	1.603E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	8.92	4.137E-04	U5EYA	1.603E-04	U5EYA	0.0	U7DYB
3F	B121	G90X120	9.40	6.428E-04	U5EYA	3.208E-04	U5EYA	0.0	U7DYB
3F	B122	G70X90	0.45	3.315E-03	U2	1.910E-03	U5DYB	2.887E-03	U5DYB
3F	B122	G70X90	0.91	2.452E-03	U2	1.068E-03	U2	2.887E-03	U5DYB
3F	B122	G70X90	1.38	1.910E-03	U5DYB	1.068E-03	U2	2.887E-03	U5DYB
3F	B122	G70X90	1.84	1.184E-03	U2	1.068E-03	U2	2.887E-03	U5DYB
3F	B122	G70X90	2.30	1.068E-03	U2	1.068E-03	U2	2.887E-03	U5DYB
3F	B122	G70X90	2.76	1.068E-03	U2	1.068E-03	U2	2.887E-03	U5DYB
3F	B122	G70X90	3.23	1.068E-03	U2	1.441E-03	U5EYB	2.887E-03	U5DYB
3F	B122	G70X90	3.69	1.068E-03	U2	1.910E-03	U5DYB	2.887E-03	U5DYB
3F	B122	G70X90	4.15	1.068E-03	U2	2.199E-03	U2	2.887E-03	U5DYB
3F	B122	G70X90	4.15	1.068E-03	U2	2.084E-03	U2	2.887E-03	U5DXB
3F	B122	G70X90	4.64	1.068E-03	U2	1.921E-03	U2	2.887E-03	U5DXB
3F	B122	G70X90	5.13	1.068E-03	U2	1.910E-03	U5DYB	2.887E-03	U5DXB
3F	B122	G70X90	5.62	1.068E-03	U2	1.910E-03	U5DYB	2.887E-03	U5DXB
3F	B122	G70X90	6.11	1.068E-03	U2	1.648E-03	U2	2.887E-03	U5DXB
3F	B122	G70X90	6.60	1.068E-03	U2	1.211E-03	U2	2.887E-03	U5DXB
3F	B122	G70X90	7.10	1.068E-03	U2	1.068E-03	U2	2.887E-03	U5DXB
3F	B122	G70X90	7.59	1.068E-03	U2	1.068E-03	U2	2.887E-03	U5DXB
3F	B122	G70X90	8.08	1.068E-03	U2	1.068E-03	U2	2.887E-03	U5DXB
3F	B122	G70X90	8.57	1.583E-03	U5EYB	1.068E-03	U2	2.887E-03	U5DXB
3F	B122	G70X90	9.06	1.910E-03	U5DYB	1.068E-03	U2	2.887E-03	U5DXB
3F	B122	G70X90	9.55	2.575E-03	U5EYB	1.687E-03	U5EYB	2.887E-03	U5DXB

3F	B123	G70X90	0.45	3.406E-04	U5EYA	1.700E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	0.91	1.734E-04	U5EYA	1.261E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	1.38	1.261E-04	U5EYA	1.261E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	1.84	1.261E-04	U5EYA	1.311E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	2.30	1.261E-04	U5EYA	1.566E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	2.76	1.261E-04	U5EYA	1.357E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	3.23	1.261E-04	U5EYA	1.261E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	3.69	1.261E-04	U5EYA	1.261E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	4.15	1.659E-04	U5EYB	1.261E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	4.15	4.391E-04	U5EYB	1.261E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	4.64	2.009E-04	U5EYB	1.261E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	5.13	1.261E-04	U5EYA	1.261E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	5.62	1.261E-04	U5EYA	1.524E-04	U5EYB	0.0	U7DYB
3F	B123	G70X90	6.11	1.261E-04	U5EYA	2.564E-04	U5EYB	0.0	U7DYB
3F	B123	G70X90	6.60	1.261E-04	U5EYA	3.089E-04	U5EYB	0.0	U7DYB
3F	B123	G70X90	7.10	1.261E-04	U5EYA	3.097E-04	U5EYB	0.0	U7DYB
3F	B123	G70X90	7.59	1.261E-04	U5EYA	2.676E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	8.08	1.261E-04	U5EYA	1.784E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	8.57	1.261E-04	U5EYA	1.261E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	9.06	2.658E-04	U5EYA	1.261E-04	U5EYA	0.0	U7DYB
3F	B123	G70X90	9.55	5.062E-04	U5EYA	2.525E-04	U5EYA	0.0	U7DYB

3F	B126	G90X120	0.60	4.279E-04	U5EYA	2.137E-04	U5EYA	4.930E-03	U5DYA
3F	B126	G90X120	1.09	2.714E-04	U5EYA	1.068E-04	U5EYA	4.930E-03	U5DYA
3F	B126	G90X120	1.57	1.404E-04	U5EYA	1.143E-04	U7EYA	4.930E-03	U5DYA
3F	B126	G90X120	2.06	1.068E-04	U5EYA	1.336E-04	U5DXA	4.930E-03	U5DYA
3F	B126	G90X120	2.54	1.068E-04	U5EYA	1.428E-04	U5DXA	4.930E-03	U5DYA
3F	B126	G90X120	3.03	1.068E-04	U5EYA	1.274E-04	U5DXA	4.930E-03	U5DYA
3F	B126	G90X120	3.51	1.068E-04	U5EYA	1.321E-04	U5EYA	4.930E-03	U5DYA
3F	B126	G90X120	4.00	1.068E-04	U5EYA	1.375E-04	U5EYA	4.930E-03	U5DYA
3F	B126	G90X120	4.48	1.145E-04	U7EYA	1.179E-04	U5EYA	4.930E-03	U5DYA
3F	B126	G90X120	4.97	2.339E-04	U5EYA	1.068E-04	U5EYA	4.930E-03	U5DYA
3F	B126	G90X120	5.45	3.831E-04	U5EYA	1.914E-04	U5EYA	4.930E-03	U5DYA

3F	B127	G90X120	0.55	4.421E-04	U5EXA	2.208E-04	U5EXA	0.0	U7DYB
3F	B127	G90X120	1.04	2.820E-04	U5EXA	1.103E-04	U5EXA	0.0	U7DYB
3F	B127	G90X120	1.53	1.479E-04	U5EXA	1.104E-04	U7EXA	0.0	U7DYB
3F	B127	G90X120	2.02	1.103E-04	U5EXA	1.295E-04	U5EXA	0.0	U7DYB
3F	B127	G90X120	2.51	1.103E-04	U5EXA	1.358E-04	U5EXA	0.0	U7DYB
3F	B127	G90X120	3.00	1.103E-04	U5EXA	1.253E-04	U5EYA	0.0	U7DYB
3F	B127	G90X120	3.49	1.103E-04	U5EXA	1.317E-04	U5EXA	0.0	U7DYB
3F	B127	G90X120	3.98	1.103E-04	U5EXA	1.376E-04	U5EXA	0.0	U7DYB
3F	B127	G90X120	4.47	1.103E-04	U5EXA	1.179E-04	U5EXA	0.0	U7DYB
3F	B127	G90X120	4.96	2.170E-04	U5EXA	1.103E-04	U5EXA	0.0	U7DYB
3F	B127	G90X120	5.45	3.647E-04	U5EXA	1.822E-04	U5EXA	0.0	U7DYB

3F	B128	G90X120	0.55	3.878E-04	U5EXA	1.937E-04	U5EXA	0.0	U7DYB
3F	B128	G90X120	1.04	2.371E-04	U5EXA	1.039E-04	U5EXA	0.0	U7DYB
3F	B128	G90X120	1.53	1.216E-04	U7EXA	1.233E-04	U5EXA	0.0	U7DYB
3F	B128	G90X120	2.02	1.039E-04	U5EXA	1.453E-04	U5EXA	0.0	U7DYB
3F	B128	G90X120	2.51	1.039E-04	U5EXA	1.420E-04	U5EXA	0.0	U7DYB
3F	B128	G90X120	3.00	1.039E-04	U5EXA	1.224E-04	U5EYB	0.0	U7DYB
3F	B128	G90X120	3.49	1.039E-04	U5EXA	1.303E-04	U5EXA	0.0	U7DYB
3F	B128	G90X120	3.98	1.039E-04	U5EXA	1.269E-04	U5EXA	0.0	U7DYB
3F	B128	G90X120	4.47	1.272E-04	U5EXA	1.069E-04	U7EXA	0.0	U7DYB
3F	B128	G90X120	4.96	2.587E-04	U5EXA	1.039E-04	U5EXA	0.0	U7DYB
3F	B128	G90X120	5.45	4.162E-04	U5EXA	2.078E-04	U5EXA	0.0	U7DYB

3F	B129	G90X120	0.55	3.956E-04	U5EXA	1.976E-04	U5EXA	0.0	U7DYB
3F	B129	G90X120	1.04	2.438E-04	U5EXA	1.051E-04	U5EXA	0.0	U7DYB
3F	B129	G90X120	1.53	1.215E-04	U7EXA	1.183E-04	U5EXA	0.0	U7DYB
3F	B129	G90X120	2.02	1.051E-04	U5EXA	1.404E-04	U5EXA	0.0	U7DYB
3F	B129	G90X120	2.51	1.051E-04	U5EXA	1.371E-04	U5EXA	0.0	U7DYB
3F	B129	G90X120	3.00	1.051E-04	U5EXA	1.206E-04	U1	0.0	U7DYB
3F	B129	G90X120	3.49	1.051E-04	U5EXA	1.293E-04	U5EXA	0.0	U7DYB

3F	B129	G90X120	3.98	1.051E-04	U5EXA	1.270E-04	U5EXA	0.0	U7DYB
3F	B129	G90X120	4.47	1.321E-04	U5EXA	1.081E-04	U7EXA	0.0	U7DYB
3F	B129	G90X120	4.96	2.637E-04	U5EXA	1.051E-04	U5EXA	0.0	U7DYB
3F	B129	G90X120	5.45	4.211E-04	U5EXA	2.103E-04	U5EXA	0.0	U7DYB
3F	B130	G90X120	0.55	4.045E-04	U5EXA	2.020E-04	U5EXA	0.0	U7DYB
3F	B130	G90X120	1.04	2.510E-04	U5EXA	1.044E-04	U5EXA	0.0	U7DYB
3F	B130	G90X120	1.53	1.233E-04	U5EXA	1.146E-04	U7EXA	0.0	U7DYB
3F	B130	G90X120	2.02	1.044E-04	U5EXA	1.366E-04	U5EXA	0.0	U7DYB
3F	B130	G90X120	2.51	1.044E-04	U5EXA	1.342E-04	U5EXA	0.0	U7DYB
3F	B130	G90X120	3.00	1.044E-04	U5EXA	1.200E-04	U1	0.0	U7DYB
3F	B130	G90X120	3.49	1.044E-04	U5EXA	1.302E-04	U5EXA	0.0	U7DYB
3F	B130	G90X120	3.98	1.044E-04	U5EXA	1.296E-04	U5EXA	0.0	U7DYB
3F	B130	G90X120	4.47	1.312E-04	U5EXA	1.094E-04	U7EXA	0.0	U7DYB
3F	B130	G90X120	4.96	2.618E-04	U5EXA	1.044E-04	U5EXA	0.0	U7DYB
3F	B130	G90X120	5.45	4.183E-04	U5EXA	2.089E-04	U5EXA	0.0	U7DYB
3F	B131	G90X120	0.55	4.046E-04	U5EXA	2.021E-04	U5EXA	0.0	U7DYB
3F	B131	G90X120	1.04	2.509E-04	U5EXA	1.044E-04	U5EXA	0.0	U7DYB
3F	B131	G90X120	1.53	1.231E-04	U5EXA	1.146E-04	U7EXA	0.0	U7DYB
3F	B131	G90X120	2.02	1.044E-04	U5EXA	1.369E-04	U5EXA	0.0	U7DYB
3F	B131	G90X120	2.51	1.044E-04	U5EXA	1.345E-04	U5EXA	0.0	U7DYB
3F	B131	G90X120	3.00	1.044E-04	U5EXA	1.197E-04	U1	0.0	U7DYB
3F	B131	G90X120	3.49	1.044E-04	U5EXA	1.314E-04	U5EXA	0.0	U7DYB
3F	B131	G90X120	3.98	1.044E-04	U5EXA	1.310E-04	U5EXA	0.0	U7DYB
3F	B131	G90X120	4.47	1.311E-04	U5EXA	1.100E-04	U7EXA	0.0	U7DYB
3F	B131	G90X120	4.96	2.617E-04	U5EXA	1.044E-04	U5EXA	0.0	U7DYB
3F	B131	G90X120	5.45	4.183E-04	U5EXA	2.089E-04	U5EXA	0.0	U7DYB
3F	B132	G90X120	0.55	4.057E-04	U5EXA	2.026E-04	U5EXA	0.0	U7DYB
3F	B132	G90X120	1.04	2.517E-04	U5EXA	1.042E-04	U5EXA	0.0	U7DYB
3F	B132	G90X120	1.53	1.236E-04	U5EXA	1.142E-04	U7EXA	0.0	U7DYB
3F	B132	G90X120	2.02	1.042E-04	U5EXA	1.362E-04	U5EXA	0.0	U7DYB
3F	B132	G90X120	2.51	1.042E-04	U5EXA	1.341E-04	U5EXA	0.0	U7DYB
3F	B132	G90X120	3.00	1.042E-04	U5EXA	1.196E-04	U1	0.0	U7DYB
3F	B132	G90X120	3.49	1.042E-04	U5EXA	1.318E-04	U5EXA	0.0	U7DYB
3F	B132	G90X120	3.98	1.042E-04	U5EXA	1.316E-04	U5EXA	0.0	U7DYB
3F	B132	G90X120	4.47	1.308E-04	U5EXA	1.103E-04	U7EXA	0.0	U7DYB
3F	B132	G90X120	4.96	2.612E-04	U5EXA	1.042E-04	U5EXA	0.0	U7DYB
3F	B132	G90X120	5.45	4.175E-04	U5EXA	2.085E-04	U5EXA	0.0	U7DYB
3F	B133	G90X120	0.55	4.063E-04	U5EXA	2.029E-04	U5EXA	0.0	U7DYB
3F	B133	G90X120	1.04	2.522E-04	U5EXA	1.039E-04	U5EXA	0.0	U7DYB
3F	B133	G90X120	1.53	1.240E-04	U5EXA	1.135E-04	U7EXA	0.0	U7DYB
3F	B133	G90X120	2.02	1.039E-04	U5EXA	1.354E-04	U5EXA	0.0	U7DYB
3F	B133	G90X120	2.51	1.039E-04	U5EXA	1.335E-04	U5EXA	0.0	U7DYB
3F	B133	G90X120	3.00	1.039E-04	U5EXA	1.194E-04	U1	0.0	U7DYB
3F	B133	G90X120	3.49	1.039E-04	U5EXA	1.320E-04	U5EXA	0.0	U7DYB
3F	B133	G90X120	3.98	1.039E-04	U5EXA	1.320E-04	U5EXA	0.0	U7DYB
3F	B133	G90X120	4.47	1.303E-04	U5EXA	1.105E-04	U7EXA	0.0	U7DYB
3F	B133	G90X120	4.96	2.604E-04	U5EXA	1.039E-04	U5EXA	0.0	U7DYB
3F	B133	G90X120	5.45	4.165E-04	U5EXA	2.080E-04	U5EXA	0.0	U7DYB
3F	B134	G90X120	0.55	4.072E-04	U5EXA	2.034E-04	U5EXA	0.0	U7DYB
3F	B134	G90X120	1.04	2.530E-04	U5EXA	1.034E-04	U5EXA	0.0	U7DYB
3F	B134	G90X120	1.53	1.246E-04	U5EXA	1.120E-04	U7EXA	0.0	U7DYB
3F	B134	G90X120	2.02	1.034E-04	U5EXA	1.338E-04	U5EXA	0.0	U7DYB
3F	B134	G90X120	2.51	1.034E-04	U5EXA	1.324E-04	U5EXA	0.0	U7DYB
3F	B134	G90X120	3.00	1.034E-04	U5EXA	1.191E-04	U1	0.0	U7DYB
3F	B134	G90X120	3.49	1.034E-04	U5EXA	1.320E-04	U5EXA	0.0	U7DYB
3F	B134	G90X120	3.98	1.034E-04	U5EXA	1.321E-04	U5EXA	0.0	U7DYB
3F	B134	G90X120	4.47	1.292E-04	U5EXA	1.104E-04	U7EXA	0.0	U7DYB
3F	B134	G90X120	4.96	2.589E-04	U5EXA	1.034E-04	U5EXA	0.0	U7DYB
3F	B134	G90X120	5.45	4.144E-04	U5EXA	2.070E-04	U5EXA	0.0	U7DYB

3F	B135	G90X120	0.55	4.087E-04	U5EXA	2.041E-04	U5EXA	0.0	U7DYB
3F	B135	G90X120	1.04	2.543E-04	U5EXA	1.028E-04	U5EXA	0.0	U7DYB
3F	B135	G90X120	1.53	1.258E-04	U5EXA	1.097E-04	U7EXA	0.0	U7DYB
3F	B135	G90X120	2.02	1.028E-04	U5EXA	1.311E-04	U5EXA	0.0	U7DYB
3F	B135	G90X120	2.51	1.028E-04	U5EXA	1.304E-04	U5EXA	0.0	U7DYB
3F	B135	G90X120	3.00	1.028E-04	U5EXA	1.183E-04	U1	0.0	U7DYB
3F	B135	G90X120	3.49	1.028E-04	U5EXA	1.315E-04	U5EXA	0.0	U7DYB
3F	B135	G90X120	3.98	1.028E-04	U5EXA	1.318E-04	U5EXA	0.0	U7DYB
3F	B135	G90X120	4.47	1.282E-04	U5EXA	1.099E-04	U7EXA	0.0	U7DYB
3F	B135	G90X120	4.96	2.571E-04	U5EXA	1.028E-04	U5EXA	0.0	U7DYB
3F	B135	G90X120	5.45	4.118E-04	U5EXA	2.057E-04	U5EXA	0.0	U7DYB
3F	B136	G90X120	0.55	4.093E-04	U5EXA	2.044E-04	U5EXA	0.0	U7DYB
3F	B136	G90X120	1.04	2.558E-04	U5EXA	1.032E-04	U5EXA	0.0	U7DYB
3F	B136	G90X120	1.53	1.281E-04	U5EXA	1.046E-04	U7EXA	0.0	U7DYB
3F	B136	G90X120	2.02	1.032E-04	U5EXA	1.241E-04	U5EXA	0.0	U7DYB
3F	B136	G90X120	2.51	1.032E-04	U5EXA	1.242E-04	U5EXA	0.0	U7DYB
3F	B136	G90X120	3.00	1.032E-04	U5EXA	1.137E-04	U1	0.0	U7DYB
3F	B136	G90X120	3.49	1.032E-04	U5EXA	1.256E-04	U5EXA	0.0	U7DYB
3F	B136	G90X120	3.98	1.032E-04	U5EXA	1.249E-04	U5EXA	0.0	U7DYB
3F	B136	G90X120	4.47	1.314E-04	U5EXA	1.043E-04	U7EXA	0.0	U7DYB
3F	B136	G90X120	4.96	2.595E-04	U5EXA	1.032E-04	U5EXA	0.0	U7DYB
3F	B136	G90X120	5.45	4.135E-04	U5EXA	2.065E-04	U5EXA	0.0	U7DYB
3F	B137	G90X120	0.55	3.984E-04	U5EXA	1.990E-04	U5EXA	0.0	U7DYB
3F	B137	G90X120	1.05	2.402E-04	U5EXA	9.944E-05	U5EXA	0.0	U7DYB
3F	B137	G90X120	1.55	1.164E-04	U2	9.944E-05	U5EXA	0.0	U7DYB
3F	B137	G90X120	2.05	9.944E-05	U5EXA	9.944E-05	U5EXA	0.0	U7DYB
3F	B137	G90X120	2.55	9.944E-05	U5EXA	9.944E-05	U5EXA	0.0	U7DYB
3F	B137	G90X120	3.05	9.944E-05	U5EXA	1.243E-04	U5EXA	0.0	U7DYB
3F	B137	G90X120	3.55	9.944E-05	U5EXA	1.487E-04	U5EXA	0.0	U7DYB
3F	B137	G90X120	4.05	1.761E-04	U7EXA	1.481E-04	U5EXA	0.0	U7DYB
3F	B137	G90X120	4.55	3.052E-04	U5EXA	1.525E-04	U5EXA	0.0	U7DYB
3F	B138	G90X120	0.55	7.276E-04	U2	3.631E-04	U2	0.0	U7DYB
3F	B138	G90X120	1.03	5.180E-04	U2	1.814E-04	U2	0.0	U7DYB
3F	B138	G90X120	1.52	3.330E-04	U2	1.814E-04	U2	0.0	U7DYB
3F	B138	G90X120	2.00	1.814E-04	U2	1.814E-04	U2	0.0	U7DYB
3F	B138	G90X120	2.48	1.814E-04	U2	1.814E-04	U2	0.0	U7DYB
3F	B138	G90X120	2.97	1.814E-04	U2	1.814E-04	U2	0.0	U7DYB
3F	B138	G90X120	3.45	1.814E-04	U2	1.814E-04	U2	0.0	U7DYB
3F	B138	G90X120	3.93	1.814E-04	U2	2.296E-04	U2	0.0	U7DYB
3F	B138	G90X120	4.42	1.814E-04	U2	2.702E-04	U2	0.0	U7DYB
3F	B138	G90X120	4.90	1.814E-04	U2	2.868E-04	U2	0.0	U7DYB
3F	B138	G90X120	5.38	1.814E-04	U2	2.793E-04	U2	0.0	U7DYB
3F	B138	G90X120	5.87	2.001E-04	U5EXA	2.479E-04	U2	0.0	U7DYB
3F	B138	G90X120	6.35	3.480E-04	U5EXA	1.924E-04	U2	0.0	U7DYB
3F	B139	G90X120	0.55	6.576E-04	U5EXA	3.282E-04	U5EXA	0.0	U7DYB
3F	B139	G90X120	1.04	4.477E-04	U5EXA	1.712E-04	U5EYA	0.0	U7DYB
3F	B139	G90X120	1.54	2.643E-04	U5EXA	1.712E-04	U5EYA	0.0	U7DYB
3F	B139	G90X120	2.03	1.712E-04	U5EYA	1.712E-04	U5EYA	0.0	U7DYB
3F	B139	G90X120	2.53	1.712E-04	U5EYA	1.712E-04	U5EYA	0.0	U7DYB
3F	B139	G90X120	3.02	1.712E-04	U5EYA	2.143E-04	U5EXA	0.0	U7DYB
3F	B139	G90X120	3.51	1.712E-04	U5EYA	2.640E-04	U5EXB	0.0	U7DYB
3F	B139	G90X120	4.01	1.712E-04	U5EYA	3.033E-04	U1	0.0	U7DYB
3F	B139	G90X120	4.50	1.712E-04	U5EYA	3.172E-04	U1	0.0	U7DYB
3F	B139	G90X120	4.99	1.712E-04	U5EYA	3.019E-04	U1	0.0	U7DYB
3F	B139	G90X120	5.49	1.712E-04	U5EYA	2.664E-04	U5EYA	0.0	U7DYB
3F	B139	G90X120	5.98	1.712E-04	U5EYA	2.144E-04	U5EYA	0.0	U7DYB
3F	B139	G90X120	6.48	1.712E-04	U5EYA	1.712E-04	U5EYA	0.0	U7DYB
3F	B139	G90X120	6.97	1.712E-04	U5EYA	1.712E-04	U5EYA	0.0	U7DYB
3F	B139	G90X120	7.46	2.888E-04	U5EYA	1.712E-04	U5EYA	0.0	U7DYB
3F	B139	G90X120	7.96	4.746E-04	U5EYA	1.712E-04	U5EYA	0.0	U7DYB
3F	B139	G90X120	8.45	6.869E-04	U5EYA	3.428E-04	U5EYA	0.0	U7DYB

3F	B140	G60X80	0.55	6.753E-04	U5EYA	3.363E-04	U5EYA	0.0	U7DYB
3F	B140	G60X80	1.03	3.946E-04	U5EYA	2.966E-04	U2	0.0	U7DYB
3F	B140	G60X80	1.50	2.966E-04	U2	3.090E-04	U2	0.0	U7DYB
3F	B140	G60X80	1.98	2.966E-04	U2	4.122E-04	U2	0.0	U7DYB
3F	B140	G60X80	2.45	2.966E-04	U2	4.650E-04	U2	0.0	U7DYB
3F	B140	G60X80	2.93	2.966E-04	U2	4.605E-04	U2	0.0	U7DYB
3F	B140	G60X80	3.40	2.966E-04	U2	3.932E-04	U2	0.0	U7DYB
3F	B140	G60X80	3.88	2.966E-04	U2	3.138E-04	U5EYB	0.0	U7DYB
3F	B140	G60X80	4.35	2.966E-04	U2	2.966E-04	U2	0.0	U7DYB
3F	B140	G60X80	4.83	2.966E-04	U2	2.966E-04	U2	0.0	U7DYB
3F	B140	G60X80	5.30	4.746E-04	U2	2.966E-04	U2	0.0	U7DYB
3F	B140	G60X80	5.78	8.173E-04	U2	2.966E-04	U2	0.0	U7DYB
3F	B140	G60X80	6.25	1.199E-03	U2	5.953E-04	U2	0.0	U7DYB
3F	B141	G60X80	0.45	6.541E-04	U2	3.257E-04	U2	0.0	U7DYB
3F	B141	G60X80	0.94	3.789E-04	U2	1.626E-04	U2	0.0	U7DYB
3F	B141	G60X80	1.44	1.626E-04	U2	1.626E-04	U2	0.0	U7DYB
3F	B141	G60X80	1.93	1.626E-04	U2	1.626E-04	U2	0.0	U7DYB
3F	B141	G60X80	2.42	1.626E-04	U2	2.453E-04	U5EYB	0.0	U7DYB
3F	B141	G60X80	2.92	1.626E-04	U2	3.123E-04	U5EYB	0.0	U7DYB
3F	B141	G60X80	3.41	1.626E-04	U2	3.108E-04	U5EYB	0.0	U7DYB
3F	B141	G60X80	3.90	1.626E-04	U2	2.453E-04	U5EYB	0.0	U7DYB
3F	B141	G60X80	4.40	1.626E-04	U2	1.626E-04	U2	0.0	U7DYB
3F	B141	G60X80	4.89	1.626E-04	U2	1.626E-04	U2	0.0	U7DYB
3F	B141	G60X80	5.38	2.631E-04	U5DXB	1.626E-04	U2	0.0	U7DYB
3F	B141	G60X80	5.88	5.128E-04	U5DXB	1.626E-04	U2	0.0	U7DYB
3F	B141	G60X80	5.88	1.626E-04	U2	1.626E-04	U2	0.0	U7DYB
3F	B141	G60X80	6.37	1.626E-04	U2	1.626E-04	U2	0.0	U7DYB
3F	B141	G60X80	6.87	1.626E-04	U2	1.626E-04	U2	0.0	U7DYB
3F	B141	G60X80	7.36	1.626E-04	U2	1.626E-04	U2	0.0	U7DYB
3F	B141	G60X80	7.86	1.626E-04	U2	1.626E-04	U2	0.0	U7DYB
3F	B141	G60X80	8.35	5.929E-05	U5DXA	2.964E-05	U5DXA	0.0	U7DYB
3F	B142	B30X50	0.00	0.0	U7DYB	0.0	U7DYB	0.0	U7DYB
3F	B142	B30X50	0.49	0.0	U2	4.097E-04	U2	0.0	U7DYB
3F	B142	B30X50	0.97	0.0	U2	5.998E-04	U2	0.0	U7DYB
3F	B142	B30X50	1.46	0.0	U2	8.562E-04	U2	0.0	U7DYB
3F	B142	B30X50	1.95	0.0	U2	1.054E-03	U2	0.0	U7DYB
3F	B142	B30X50	2.43	0.0	U2	1.178E-03	U2	0.0	U7DYB
3F	B142	B30X50	2.43	0.0	U2	1.178E-03	U2	0.0	U7DYB
3F	B142	B30X50	2.92	0.0	U2	1.054E-03	U2	0.0	U7DYB
3F	B142	B30X50	3.40	0.0	U2	8.562E-04	U2	0.0	U7DYB
3F	B142	B30X50	3.89	0.0	U2	5.998E-04	U2	0.0	U7DYB
3F	B142	B30X50	4.38	0.0	U2	4.097E-04	U2	0.0	U7DYB
3F	B142	B30X50	4.86	0.0	U2	0.0	U2	0.0	U7DYB
3F	B143	B30X50	0.00	0.0	U7DYB	0.0	U7DYB	0.0	U7DYB
3F	B143	B30X50	0.49	0.0	U1	4.624E-04	U5DYB	0.0	U7DYB
3F	B143	B30X50	0.97	0.0	U1	7.801E-04	U2	0.0	U7DYB
3F	B143	B30X50	1.46	0.0	U1	1.136E-03	U2	0.0	U7DYB
3F	B143	B30X50	1.95	0.0	U1	1.439E-03	U2	0.0	U7DYB
3F	B143	B30X50	2.44	0.0	U1	1.669E-03	U2	0.0	U7DYB
3F	B143	B30X50	2.92	0.0	U1	1.809E-03	U2	0.0	U7DYB
3F	B143	B30X50	2.92	0.0	U1	1.809E-03	U2	0.0	U7DYB
3F	B143	B30X50	3.41	0.0	U1	1.669E-03	U2	0.0	U7DYB
3F	B143	B30X50	3.90	0.0	U1	1.439E-03	U2	0.0	U7DYB
3F	B143	B30X50	4.39	0.0	U1	1.136E-03	U2	0.0	U7DYB
3F	B143	B30X50	4.87	0.0	U1	7.801E-04	U2	0.0	U7DYB
3F	B143	B30X50	5.36	0.0	U1	4.624E-04	U5DYB	0.0	U7DYB
3F	B143	B30X50	5.85	0.0	U1	0.0	U1	0.0	U7DYB
2F	B1	G90X120	0.60	5.870E-04	U2	2.930E-04	U2	4.930E-03	U7DYA
2F	B1	G90X120	1.09	4.199E-04	U2	1.464E-04	U2	4.930E-03	U7DYA
2F	B1	G90X120	1.57	2.773E-04	U2	1.495E-04	U7EXA	4.930E-03	U7DYA

2F	B1	G90X120	2.06	1.591E-04	U2	1.540E-04	U5EXA	4.930E-03	U7DYA
2F	B1	G90X120	2.54	1.464E-04	U2	1.540E-04	U5EXA	4.930E-03	U7DYA
2F	B1	G90X120	3.03	1.464E-04	U2	1.464E-04	U2	4.930E-03	U7DYA
2F	B1	G90X120	3.51	1.464E-04	U2	1.464E-04	U2	4.930E-03	U7DYA
2F	B1	G90X120	4.00	1.464E-04	U2	1.464E-04	U2	4.930E-03	U7DYA
2F	B1	G90X120	4.48	1.464E-04	U2	1.464E-04	U2	4.930E-03	U7DYA
2F	B1	G90X120	4.97	2.226E-04	U5EXA	1.464E-04	U2	4.930E-03	U7DYA
2F	B1	G90X120	5.45	3.736E-04	U5EXA	1.866E-04	U5EXA	4.930E-03	U7DYA
2F	B2	G90X120	0.55	4.759E-04	U5EXA	2.376E-04	U5EXA	4.930E-03	U7DYA
2F	B2	G90X120	1.04	3.088E-04	U5EXA	1.187E-04	U5EXA	4.930E-03	U7DYA
2F	B2	G90X120	1.53	1.678E-04	U5EXA	1.187E-04	U5EXA	4.930E-03	U7DYA
2F	B2	G90X120	2.02	1.187E-04	U5EXA	1.314E-04	U5EXA	4.930E-03	U7DYA
2F	B2	G90X120	2.51	1.187E-04	U5EXA	1.333E-04	U5EXA	4.930E-03	U7DYA
2F	B2	G90X120	3.00	1.187E-04	U5EXA	1.187E-04	U5EXA	4.930E-03	U7DYA
2F	B2	G90X120	3.49	1.187E-04	U5EXA	1.393E-04	U5EXA	4.930E-03	U7DYA
2F	B2	G90X120	3.98	1.187E-04	U5EXA	1.520E-04	U5EXA	4.930E-03	U7DYA
2F	B2	G90X120	4.47	1.227E-04	U7EXA	1.391E-04	U5EXA	4.930E-03	U7DYA
2F	B2	G90X120	4.96	2.419E-04	U5EXA	1.187E-04	U5EXA	4.930E-03	U7DYA
2F	B2	G90X120	5.45	3.941E-04	U5EXA	1.969E-04	U5EXA	4.930E-03	U7DYA
2F	B3	G90X120	0.55	4.387E-04	U5EXA	2.191E-04	U5EXA	0.0	U7DYB
2F	B3	G90X120	1.04	2.781E-04	U5EXA	1.095E-04	U5EXA	0.0	U7DYB
2F	B3	G90X120	1.53	1.435E-04	U5EXA	1.213E-04	U7EXA	0.0	U7DYB
2F	B3	G90X120	2.02	1.095E-04	U5EXA	1.411E-04	U5EXA	0.0	U7DYB
2F	B3	G90X120	2.51	1.095E-04	U5EXA	1.372E-04	U5EXA	0.0	U7DYB
2F	B3	G90X120	3.00	1.095E-04	U5EXA	1.195E-04	U1	0.0	U7DYB
2F	B3	G90X120	3.49	1.095E-04	U5EXA	1.381E-04	U5EXA	0.0	U7DYB
2F	B3	G90X120	3.98	1.095E-04	U5EXA	1.444E-04	U5EXA	0.0	U7DYB
2F	B3	G90X120	4.47	1.344E-04	U5EXA	1.279E-04	U7EXA	0.0	U7DYB
2F	B3	G90X120	4.96	2.665E-04	U5EXA	1.115E-04	U7EXA	0.0	U7DYB
2F	B3	G90X120	5.45	4.245E-04	U5EXA	2.120E-04	U5EXA	0.0	U7DYB
2F	B4	G90X120	0.55	4.310E-04	U5EXA	2.152E-04	U5EXA	0.0	U7DYB
2F	B4	G90X120	1.04	2.720E-04	U5EXA	1.098E-04	U5EXA	0.0	U7DYB
2F	B4	G90X120	1.53	1.403E-04	U7EXA	1.280E-04	U5EXA	0.0	U7DYB
2F	B4	G90X120	2.02	1.098E-04	U5EXA	1.461E-04	U5EXA	0.0	U7DYB
2F	B4	G90X120	2.51	1.098E-04	U5EXA	1.394E-04	U5EXA	0.0	U7DYB
2F	B4	G90X120	3.00	1.098E-04	U5EXA	1.195E-04	U1	0.0	U7DYB
2F	B4	G90X120	3.49	1.098E-04	U5EXA	1.366E-04	U5EXA	0.0	U7DYB
2F	B4	G90X120	3.98	1.098E-04	U5EXA	1.414E-04	U5EXA	0.0	U7DYB
2F	B4	G90X120	4.47	1.438E-04	U5EXA	1.267E-04	U7EXA	0.0	U7DYB
2F	B4	G90X120	4.96	2.788E-04	U5EXA	1.099E-04	U7EXA	0.0	U7DYB
2F	B4	G90X120	5.45	4.398E-04	U5EXA	2.196E-04	U5EXA	0.0	U7DYB
2F	B5	G90X120	0.55	4.317E-04	U5EXA	2.156E-04	U5EXA	0.0	U7DYB
2F	B5	G90X120	1.04	2.725E-04	U5EXA	1.126E-04	U7EXA	0.0	U7DYB
2F	B5	G90X120	1.53	1.394E-04	U7EXA	1.290E-04	U5EXA	0.0	U7DYB
2F	B5	G90X120	2.02	1.107E-04	U5EXA	1.467E-04	U5EXA	0.0	U7DYB
2F	B5	G90X120	2.51	1.107E-04	U5EXA	1.393E-04	U5EXA	0.0	U7DYB
2F	B5	G90X120	3.00	1.107E-04	U5EXA	1.195E-04	U1	0.0	U7DYB
2F	B5	G90X120	3.49	1.107E-04	U5EXA	1.367E-04	U5EXA	0.0	U7DYB
2F	B5	G90X120	3.98	1.107E-04	U5EXA	1.416E-04	U5EXA	0.0	U7DYB
2F	B5	G90X120	4.47	1.463E-04	U5EXA	1.266E-04	U7EXA	0.0	U7DYB
2F	B5	G90X120	4.96	2.820E-04	U5EXA	1.107E-04	U5EXA	0.0	U7DYB
2F	B5	G90X120	5.45	4.436E-04	U5EXA	2.215E-04	U5EXA	0.0	U7DYB
2F	B6	G90X120	0.55	4.322E-04	U5EXA	2.158E-04	U5EXA	0.0	U7DYB
2F	B6	G90X120	1.04	2.729E-04	U5EXA	1.145E-04	U7EXA	0.0	U7DYB
2F	B6	G90X120	1.53	1.395E-04	U5EXA	1.303E-04	U7EXA	0.0	U7DYB
2F	B6	G90X120	2.02	1.111E-04	U5EXA	1.474E-04	U5EXA	0.0	U7DYB
2F	B6	G90X120	2.51	1.111E-04	U5EXA	1.397E-04	U5EXA	0.0	U7DYB
2F	B6	G90X120	3.00	1.111E-04	U5EXA	1.195E-04	U1	0.0	U7DYB
2F	B6	G90X120	3.49	1.111E-04	U5EXA	1.371E-04	U5EXA	0.0	U7DYB
2F	B6	G90X120	3.98	1.111E-04	U5EXA	1.422E-04	U5EXA	0.0	U7DYB

2F	B6	G90X120	4.47	1.473E-04	U5EXA	1.267E-04	U7EXA	0.0	U7DYB
2F	B6	G90X120	4.96	2.833E-04	U5EXA	1.111E-04	U5EXA	0.0	U7DYB
2F	B6	G90X120	5.45	4.453E-04	U5EXA	2.224E-04	U5EXA	0.0	U7DYB
2F	B7	G90X120	0.55	4.325E-04	U5EXA	2.160E-04	U5EXA	0.0	U7DYB
2F	B7	G90X120	1.04	2.730E-04	U5EXA	1.157E-04	U7EXA	0.0	U7DYB
2F	B7	G90X120	1.53	1.396E-04	U5EXA	1.312E-04	U7EXA	0.0	U7DYB
2F	B7	G90X120	2.02	1.114E-04	U5EXA	1.480E-04	U5EXA	0.0	U7DYB
2F	B7	G90X120	2.51	1.114E-04	U5EXA	1.400E-04	U5EXA	0.0	U7DYB
2F	B7	G90X120	3.00	1.114E-04	U5EXA	1.196E-04	U1	0.0	U7DYB
2F	B7	G90X120	3.49	1.114E-04	U5EXA	1.374E-04	U5EXA	0.0	U7DYB
2F	B7	G90X120	3.98	1.114E-04	U5EXA	1.427E-04	U5EXA	0.0	U7DYB
2F	B7	G90X120	4.47	1.478E-04	U5EXA	1.269E-04	U7EXA	0.0	U7DYB
2F	B7	G90X120	4.96	2.841E-04	U5EXA	1.114E-04	U5EXA	0.0	U7DYB
2F	B7	G90X120	5.45	4.462E-04	U5EXA	2.228E-04	U5EXA	0.0	U7DYB
2F	B8	G90X120	0.55	4.332E-04	U5EXA	2.163E-04	U5EXA	0.0	U7DYB
2F	B8	G90X120	1.04	2.736E-04	U5EXA	1.163E-04	U7EXA	0.0	U7DYB
2F	B8	G90X120	1.53	1.400E-04	U5EXA	1.317E-04	U7EXA	0.0	U7DYB
2F	B8	G90X120	2.02	1.115E-04	U5EXA	1.480E-04	U5EXA	0.0	U7DYB
2F	B8	G90X120	2.51	1.115E-04	U5EXA	1.400E-04	U5EXA	0.0	U7DYB
2F	B8	G90X120	3.00	1.115E-04	U5EXA	1.196E-04	U1	0.0	U7DYB
2F	B8	G90X120	3.49	1.115E-04	U5EXA	1.377E-04	U5EXA	0.0	U7DYB
2F	B8	G90X120	3.98	1.115E-04	U5EXA	1.431E-04	U5EXA	0.0	U7DYB
2F	B8	G90X120	4.47	1.481E-04	U5EXA	1.271E-04	U7EXA	0.0	U7DYB
2F	B8	G90X120	4.96	2.844E-04	U5EXA	1.115E-04	U5EXA	0.0	U7DYB
2F	B8	G90X120	5.45	4.467E-04	U5EXA	2.231E-04	U5EXA	0.0	U7DYB
2F	B9	G90X120	0.55	4.343E-04	U5EXA	2.169E-04	U5EXA	0.0	U7DYB
2F	B9	G90X120	1.04	2.745E-04	U5EXA	1.169E-04	U7EXA	0.0	U7DYB
2F	B9	G90X120	1.53	1.406E-04	U5EXA	1.320E-04	U7EXA	0.0	U7DYB
2F	B9	G90X120	2.02	1.116E-04	U5EXA	1.480E-04	U5EXA	0.0	U7DYB
2F	B9	G90X120	2.51	1.116E-04	U5EXA	1.399E-04	U5EXA	0.0	U7DYB
2F	B9	G90X120	3.00	1.116E-04	U5EXA	1.195E-04	U1	0.0	U7DYB
2F	B9	G90X120	3.49	1.116E-04	U5EXA	1.380E-04	U5EXA	0.0	U7DYB
2F	B9	G90X120	3.98	1.116E-04	U5EXA	1.436E-04	U5EXA	0.0	U7DYB
2F	B9	G90X120	4.47	1.486E-04	U5EXA	1.276E-04	U7EXA	0.0	U7DYB
2F	B9	G90X120	4.96	2.850E-04	U5EXA	1.116E-04	U5EXA	0.0	U7DYB
2F	B9	G90X120	5.45	4.473E-04	U5EXA	2.234E-04	U5EXA	0.0	U7DYB
2F	B10	G90X120	0.55	4.353E-04	U5EXA	2.174E-04	U5EXA	0.0	U7DYB
2F	B10	G90X120	1.04	2.753E-04	U5EXA	1.177E-04	U7EXA	0.0	U7DYB
2F	B10	G90X120	1.53	1.413E-04	U5EXA	1.326E-04	U7EXA	0.0	U7DYB
2F	B10	G90X120	2.02	1.120E-04	U5EXA	1.478E-04	U5EXA	0.0	U7DYB
2F	B10	G90X120	2.51	1.120E-04	U5EXA	1.395E-04	U5EXA	0.0	U7DYB
2F	B10	G90X120	3.00	1.120E-04	U5EXA	1.191E-04	U1	0.0	U7DYB
2F	B10	G90X120	3.49	1.120E-04	U5EXA	1.378E-04	U5EXA	0.0	U7DYB
2F	B10	G90X120	3.98	1.120E-04	U5EXA	1.436E-04	U5EXA	0.0	U7DYB
2F	B10	G90X120	4.47	1.497E-04	U5EXA	1.276E-04	U7EXA	0.0	U7DYB
2F	B10	G90X120	4.96	2.863E-04	U5EXA	1.120E-04	U5EXA	0.0	U7DYB
2F	B10	G90X120	5.45	4.488E-04	U5EXA	2.241E-04	U5EXA	0.0	U7DYB
2F	B11	G90X120	0.55	4.367E-04	U5EXA	2.181E-04	U5EXA	4.930E-03	U7DYA
2F	B11	G90X120	1.04	2.774E-04	U5EXA	1.203E-04	U7EXA	4.930E-03	U7DYA
2F	B11	G90X120	1.53	1.441E-04	U5EXA	1.343E-04	U7EXA	4.930E-03	U7DYA
2F	B11	G90X120	2.02	1.137E-04	U5EXA	1.476E-04	U5EXA	4.930E-03	U7DYA
2F	B11	G90X120	2.51	1.137E-04	U5EXA	1.383E-04	U5EXA	4.930E-03	U7DYA
2F	B11	G90X120	3.00	1.137E-04	U5EXA	1.156E-04	U1	4.930E-03	U7DYA
2F	B11	G90X120	3.49	1.137E-04	U5EXA	1.323E-04	U5EXA	4.930E-03	U7DYA
2F	B11	G90X120	3.98	1.137E-04	U5EXA	1.374E-04	U5EXA	4.930E-03	U7DYA
2F	B11	G90X120	4.47	1.547E-04	U5EXA	1.224E-04	U7EXA	4.930E-03	U7DYA
2F	B11	G90X120	4.96	2.922E-04	U5EXA	1.137E-04	U5EXA	4.930E-03	U7DYA
2F	B11	G90X120	5.45	4.557E-04	U5EXA	2.276E-04	U5EXA	4.930E-03	U7DYA
2F	B12	G90X120	0.55	4.361E-04	U5EXA	2.178E-04	U5EXA	4.930E-03	U5DYA

2F	B12	G90X120	1.04	2.673E-04	U5EXA	1.519E-04	U7EXA	4.930E-03	U5DYA
2F	B12	G90X120	1.54	1.250E-04	U5EXA	1.279E-04	U7EXA	4.930E-03	U5DYA
2F	B12	G90X120	2.03	1.088E-04	U5EXA	1.088E-04	U5EXA	4.930E-03	U5DYA
2F	B12	G90X120	2.53	1.088E-04	U5EXA	1.088E-04	U5EXA	4.930E-03	U5DYA
2F	B12	G90X120	3.02	1.088E-04	U5EXA	1.461E-04	U5EXA	4.930E-03	U5DYA
2F	B12	G90X120	3.51	1.475E-04	U7EXA	1.844E-04	U5EXA	4.930E-03	U5DYA
2F	B12	G90X120	4.01	2.674E-04	U5EXA	2.033E-04	U7EXA	4.930E-03	U5DYA
2F	B12	G90X120	4.50	4.243E-04	U5EXA	2.151E-04	U7EXA	4.930E-03	U5DYA
2F	B13	G90X120	0.60	4.884E-04	U5EXA	2.439E-04	U5EXA	0.0	U7DYB
2F	B13	G90X120	1.08	3.235E-04	U5EXA	1.218E-04	U5EXA	0.0	U7DYB
2F	B13	G90X120	1.56	1.835E-04	U5EXA	1.218E-04	U5EXA	0.0	U7DYB
2F	B13	G90X120	2.04	1.218E-04	U5EXA	1.580E-04	U5EXA	0.0	U7DYB
2F	B13	G90X120	2.52	1.218E-04	U5EXA	1.854E-04	U5EXA	0.0	U7DYB
2F	B13	G90X120	3.00	1.218E-04	U5EXA	1.883E-04	U5DXA	0.0	U7DYB
2F	B13	G90X120	3.48	1.218E-04	U5EXA	1.687E-04	U5DXA	0.0	U7DYB
2F	B13	G90X120	3.95	1.218E-04	U5EXA	1.500E-04	U5EXB	0.0	U7DYB
2F	B13	G90X120	4.43	1.218E-04	U5EXA	1.405E-04	U5EXA	0.0	U7DYB
2F	B13	G90X120	4.91	1.218E-04	U5EXA	1.218E-04	U5EXA	0.0	U7DYB
2F	B13	G90X120	5.39	1.650E-04	U5EXA	1.218E-04	U5EXA	0.0	U7DYB
2F	B13	G90X120	5.87	3.094E-04	U5EXA	1.218E-04	U5EXA	0.0	U7DYB
2F	B13	G90X120	6.35	4.786E-04	U5EXA	2.390E-04	U5EXA	0.0	U7DYB
2F	B14	G90X120	0.55	6.357E-04	U5DXA	3.173E-04	U5DXA	0.0	U7DYB
2F	B14	G90X120	1.04	4.279E-04	U5EXA	1.699E-04	U5DXA	0.0	U7DYB
2F	B14	G90X120	1.54	2.472E-04	U5EXA	1.699E-04	U5DXA	0.0	U7DYB
2F	B14	G90X120	2.03	1.699E-04	U5DXA	1.699E-04	U5DXA	0.0	U7DYB
2F	B14	G90X120	2.53	1.699E-04	U5DXA	1.699E-04	U5DXA	0.0	U7DYB
2F	B14	G90X120	3.02	1.699E-04	U5DXA	1.984E-04	U5EYA	0.0	U7DYB
2F	B14	G90X120	3.51	1.699E-04	U5DXA	2.616E-04	U1	0.0	U7DYB
2F	B14	G90X120	4.01	1.699E-04	U5DXA	3.063E-04	U1	0.0	U7DYB
2F	B14	G90X120	4.50	1.699E-04	U5DXA	3.218E-04	U1	0.0	U7DYB
2F	B14	G90X120	4.99	1.699E-04	U5DXA	3.080E-04	U1	0.0	U7DYB
2F	B14	G90X120	5.49	1.699E-04	U5DXA	2.725E-04	U5DXA	0.0	U7DYB
2F	B14	G90X120	5.98	1.699E-04	U5DXA	2.198E-04	U5DXA	0.0	U7DYB
2F	B14	G90X120	6.48	1.699E-04	U5DXA	1.699E-04	U5DXA	0.0	U7DYB
2F	B14	G90X120	6.97	1.699E-04	U5DXA	1.699E-04	U5DXA	0.0	U7DYB
2F	B14	G90X120	7.46	2.875E-04	U5DXA	1.699E-04	U5DXA	0.0	U7DYB
2F	B14	G90X120	7.96	4.713E-04	U5DXA	1.699E-04	U5DXA	0.0	U7DYB
2F	B14	G90X120	8.45	6.817E-04	U5DXA	3.402E-04	U5DXA	0.0	U7DYB
2F	B15	G60X80	0.55	8.851E-04	U5DXA	4.402E-04	U5DXA	0.0	U7DYB
2F	B15	G60X80	1.03	5.240E-04	U5DXA	2.948E-04	U2	0.0	U7DYB
2F	B15	G60X80	1.50	2.948E-04	U2	2.948E-04	U2	0.0	U7DYB
2F	B15	G60X80	1.98	2.948E-04	U2	2.948E-04	U2	0.0	U7DYB
2F	B15	G60X80	2.45	2.948E-04	U2	4.162E-04	U2	0.0	U7DYB
2F	B15	G60X80	2.93	2.948E-04	U2	4.918E-04	U2	0.0	U7DYB
2F	B15	G60X80	3.40	2.948E-04	U2	4.806E-04	U2	0.0	U7DYB
2F	B15	G60X80	3.88	2.948E-04	U2	4.194E-04	U5DXB	0.0	U7DYB
2F	B15	G60X80	4.35	2.948E-04	U2	3.036E-04	U5DXA	0.0	U7DYB
2F	B15	G60X80	4.83	2.948E-04	U2	2.948E-04	U2	0.0	U7DYB
2F	B15	G60X80	5.30	3.862E-04	U2	2.948E-04	U2	0.0	U7DYB
2F	B15	G60X80	5.78	7.672E-04	U2	2.948E-04	U2	0.0	U7DYB
2F	B15	G60X80	6.25	1.192E-03	U2	5.918E-04	U2	0.0	U7DYB
2F	B16	G60X80	0.45	1.552E-03	U5DYB	8.904E-04	U5DXB	0.0	U7DYB
2F	B16	G60X80	0.94	1.207E-03	U5DXB	4.634E-04	U2	0.0	U7DYB
2F	B16	G60X80	1.44	6.662E-04	U5DXB	4.634E-04	U2	0.0	U7DYB
2F	B16	G60X80	1.93	4.634E-04	U2	4.634E-04	U2	0.0	U7DYB
2F	B16	G60X80	2.43	4.634E-04	U2	4.634E-04	U2	0.0	U7DYB
2F	B16	G60X80	2.92	4.634E-04	U2	5.691E-04	U2	0.0	U7DYB
2F	B16	G60X80	3.41	4.634E-04	U2	7.987E-04	U2	0.0	U7DYB
2F	B16	G60X80	3.91	4.634E-04	U2	9.344E-04	U2	0.0	U7DYB
2F	B16	G60X80	4.40	4.634E-04	U2	9.753E-04	U2	0.0	U7DYB
2F	B16	G60X80	4.89	4.634E-04	U2	9.210E-04	U2	0.0	U7DYB

2F	B16	G60X80	5.39	4.634E-04	U2	7.818E-04	U5DXB	0.0	U7DYB
2F	B16	G60X80	5.88	4.634E-04	U2	5.558E-04	U5DXB	0.0	U7DYB
2F	B16	G60X80	6.38	4.634E-04	U2	4.634E-04	U2	0.0	U7DYB
2F	B16	G60X80	6.87	4.634E-04	U2	4.634E-04	U2	0.0	U7DYB
2F	B16	G60X80	7.36	7.162E-04	U2	4.634E-04	U2	0.0	U7DYB
2F	B16	G60X80	7.86	1.275E-03	U2	4.634E-04	U2	0.0	U7DYB
2F	B16	G60X80	8.35	1.552E-03	U5DYB	9.321E-04	U2	0.0	U7DYB
2F	B17	G90X120	0.60	5.919E-04	U5EYA	2.955E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	1.08	3.334E-04	U5EYA	1.476E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	1.56	1.476E-04	U5EYA	1.708E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	2.04	1.476E-04	U5EYA	2.948E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	2.51	1.476E-04	U5EYA	3.611E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	2.99	1.476E-04	U5EYA	3.623E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	3.47	1.476E-04	U5EYA	3.000E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	3.95	1.476E-04	U5EYA	1.818E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	4.43	1.476E-04	U5EYA	1.476E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	4.91	2.015E-04	U5EYB	1.476E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	5.39	4.408E-04	U5EYB	1.476E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	5.39	3.407E-04	U5EYB	1.476E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	5.88	1.476E-04	U5EYA	1.476E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	6.37	1.476E-04	U5EYA	1.476E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	6.86	1.476E-04	U5EYA	1.723E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	7.35	1.476E-04	U5EYA	2.483E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	7.84	1.476E-04	U5EYA	2.650E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	8.33	1.476E-04	U5EYA	2.171E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	8.82	1.476E-04	U5EYA	1.476E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	9.31	3.224E-04	U5EYA	1.476E-04	U5EYA	0.0	U7DYB
2F	B17	G90X120	9.80	5.591E-04	U5EYA	2.791E-04	U5EYA	0.0	U7DYB
2F	B18	G70X90	0.45	4.472E-03	U5EYB	2.166E-03	U5EYB	2.887E-03	U5DYB
2F	B18	G70X90	0.94	3.220E-03	U5EYB	1.635E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	1.44	2.086E-03	U5EYA	1.635E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	1.93	1.635E-03	U2	1.635E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	2.42	1.635E-03	U2	1.635E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	2.92	1.635E-03	U2	1.635E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	3.41	1.635E-03	U2	1.910E-03	U5DYB	2.887E-03	U5DYB
2F	B18	G70X90	3.91	1.635E-03	U2	2.204E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	4.40	1.635E-03	U2	2.768E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	4.89	1.635E-03	U2	3.280E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	5.39	1.635E-03	U2	3.761E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	5.39	1.635E-03	U2	3.847E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	5.88	1.635E-03	U2	3.062E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	6.37	1.635E-03	U2	2.257E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	6.86	1.635E-03	U2	1.910E-03	U5DYB	2.887E-03	U5DYB
2F	B18	G70X90	7.35	1.635E-03	U2	1.635E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	7.84	1.635E-03	U2	1.635E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	8.33	1.910E-03	U2	1.635E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	8.82	2.581E-03	U2	1.635E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	9.31	3.826E-03	U2	1.635E-03	U2	2.887E-03	U5DYB
2F	B18	G70X90	9.80	5.177E-03	U2	2.494E-03	U2	2.887E-03	U5DYB
2F	B19	G70X90	0.45	6.693E-04	U5EYA	3.335E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	0.94	3.691E-04	U5EYA	1.665E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	1.44	1.665E-04	U5EYA	1.665E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	1.93	1.665E-04	U5EYA	2.782E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	2.42	1.665E-04	U5EYA	3.763E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	2.92	1.665E-04	U5EYA	3.947E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	3.41	1.665E-04	U5EYA	3.326E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	3.91	1.665E-04	U5EYA	2.015E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	4.40	1.665E-04	U5EYA	1.665E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	4.89	2.343E-04	U2	1.665E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	5.39	5.035E-04	U5EYB	1.665E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	5.39	3.595E-04	U5EYB	1.665E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	5.88	1.665E-04	U5EYA	1.665E-04	U5EYA	0.0	U7DYB

2F	B19	G70X90	6.37	1.665E-04	U5EYA	1.665E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	6.86	1.665E-04	U5EYA	1.906E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	7.35	1.665E-04	U5EYA	2.743E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	7.84	1.665E-04	U5EYA	2.902E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	8.33	1.665E-04	U5EYA	2.320E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	8.82	1.665E-04	U5EYA	1.665E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	9.31	3.092E-04	U5EYA	1.665E-04	U5EYA	0.0	U7DYB
2F	B19	G70X90	9.80	5.670E-04	U5EYA	2.827E-04	U5EYA	0.0	U7DYB
2F	B20	B60X80	0.00	2.541E-03	U5EXB	1.552E-03	U5DYB	0.0	U7DYB
2F	B20	B60X80	0.48	1.884E-03	U5EXB	8.204E-04	U5EXB	0.0	U7DYB
2F	B20	B60X80	0.96	1.552E-03	U5DYB	8.204E-04	U5EXB	0.0	U7DYB
2F	B20	B60X80	1.44	9.677E-04	U5EXB	8.204E-04	U5EXB	0.0	U7DYB
2F	B20	B60X80	1.91	8.204E-04	U5EXB	8.204E-04	U5EXB	0.0	U7DYB
2F	B20	B60X80	2.39	8.204E-04	U5EXB	8.204E-04	U5EXB	0.0	U7DYB
2F	B20	B60X80	2.87	8.204E-04	U5EXB	8.204E-04	U5EXB	0.0	U7DYB
2F	B20	B60X80	3.35	8.204E-04	U5EXB	8.526E-04	U2	0.0	U7DYB
2F	B20	B60X80	3.83	8.204E-04	U5EXB	8.913E-04	U2	0.0	U7DYB
2F	B20	B60X80	4.31	8.204E-04	U5EXB	8.204E-04	U5EXB	0.0	U7DYB
2F	B20	B60X80	4.79	8.204E-04	U5EXB	8.204E-04	U5EXB	0.0	U7DYB
2F	B20	B60X80	5.26	8.204E-04	U5EXB	8.204E-04	U5EXB	0.0	U7DYB
2F	B20	B60X80	5.74	8.204E-04	U5EXB	8.204E-04	U5EXB	0.0	U7DYB
2F	B20	B60X80	6.22	8.662E-04	U2	8.204E-04	U5EXB	0.0	U7DYB
2F	B20	B60X80	6.70	1.455E-03	U2	7.211E-04	U2	0.0	U7DYB
2F	B21	B60X80	0.00	1.582E-03	U2	1.041E-03	U2	0.0	U7DYB
2F	B21	B60X80	0.43	1.328E-03	U2	1.328E-03	U2	0.0	U7DYB
2F	B21	B60X80	0.86	1.328E-03	U2	1.328E-03	U2	0.0	U7DYB
2F	B21	B60X80	1.29	1.328E-03	U2	1.328E-03	U2	0.0	U7DYB
2F	B21	B60X80	1.72	1.328E-03	U2	1.328E-03	U2	0.0	U7DYB
2F	B21	B60X80	1.72	1.328E-03	U2	1.328E-03	U2	0.0	U7DYB
2F	B21	B60X80	2.22	1.328E-03	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B21	B60X80	2.72	1.328E-03	U2	1.603E-03	U5EYB	0.0	U7DYB
2F	B21	B60X80	3.22	1.328E-03	U2	1.840E-03	U2	0.0	U7DYB
2F	B21	B60X80	3.72	1.328E-03	U2	1.982E-03	U2	0.0	U7DYB
2F	B21	B60X80	4.22	1.328E-03	U2	2.037E-03	U2	0.0	U7DYB
2F	B21	B60X80	4.22	1.328E-03	U2	2.037E-03	U2	0.0	U7DYB
2F	B21	B60X80	4.68	1.328E-03	U2	1.776E-03	U2	0.0	U7DYB
2F	B21	B60X80	5.14	1.328E-03	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B21	B60X80	5.60	1.328E-03	U2	1.387E-03	U2	0.0	U7DYB
2F	B21	B60X80	6.06	1.328E-03	U2	1.328E-03	U2	0.0	U7DYB
2F	B21	B60X80	6.51	1.328E-03	U2	1.328E-03	U2	0.0	U7DYB
2F	B21	B60X80	6.97	1.328E-03	U2	1.328E-03	U2	0.0	U7DYB
2F	B21	B60X80	7.43	1.552E-03	U5DYB	1.328E-03	U2	0.0	U7DYB
2F	B21	B60X80	7.89	2.295E-03	U2	1.328E-03	U2	0.0	U7DYB
2F	B21	B60X80	8.34	3.218E-03	U2	1.328E-03	U2	0.0	U7DYB
2F	B21	B60X80	8.80	4.204E-03	U2	2.026E-03	U2	0.0	U7DYB
2F	B22	B30X50	0.00	0.0	U7DYB	0.0	U7DYB	0.0	U7DYB
2F	B22	B30X50	0.49	0.0	U2	4.162E-04	U2	0.0	U7DYB
2F	B22	B30X50	0.97	0.0	U2	5.928E-04	U2	0.0	U7DYB
2F	B22	B30X50	1.46	0.0	U2	8.075E-04	U2	0.0	U7DYB
2F	B22	B30X50	1.95	0.0	U2	9.394E-04	U2	0.0	U7DYB
2F	B22	B30X50	2.43	0.0	U2	9.838E-04	U2	0.0	U7DYB
2F	B22	B30X50	2.92	0.0	U2	9.394E-04	U2	0.0	U7DYB
2F	B22	B30X50	3.40	0.0	U2	8.075E-04	U2	0.0	U7DYB
2F	B22	B30X50	3.89	0.0	U2	5.928E-04	U2	0.0	U7DYB
2F	B22	B30X50	4.38	0.0	U2	4.162E-04	U2	0.0	U7DYB
2F	B22	B30X50	4.86	0.0	U2	0.0	U2	0.0	U7DYB
2F	B23	B30X50	0.00	0.0	U7DYB	0.0	U7DYB	0.0	U7DYB
2F	B23	B30X50	0.49	0.0	U1	4.624E-04	U5DYB	0.0	U7DYB
2F	B23	B30X50	0.97	0.0	U1	7.811E-04	U2	0.0	U7DYB
2F	B23	B30X50	1.46	0.0	U1	1.093E-03	U2	0.0	U7DYB
2F	B23	B30X50	1.95	0.0	U1	1.301E-03	U2	0.0	U7DYB

2F	B23	B30X50	2.43	0.0	U1	1.375E-03	U2	0.0	U7DYB
2F	B23	B30X50	2.92	0.0	U1	1.301E-03	U2	0.0	U7DYB
2F	B23	B30X50	3.40	0.0	U1	1.093E-03	U2	0.0	U7DYB
2F	B23	B30X50	3.89	0.0	U1	7.811E-04	U2	0.0	U7DYB
2F	B23	B30X50	4.38	0.0	U1	4.624E-04	U5DYB	0.0	U7DYB
2F	B23	B30X50	4.86	0.0	U5DYB	0.0	U5DYA	0.0	U7DYB

2F	B24G100X150-C	0.60	4.095E-03	U1	2.031E-03	U1	0.0	U7DYB
2F	B24G100X150-C	1.09	3.483E-03	U2	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	1.59	2.959E-03	U2	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	2.08	2.466E-03	U2	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	2.58	2.002E-03	U2	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	3.07	1.567E-03	U2	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	3.57	1.161E-03	U2	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	4.06	1.011E-03	U1	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	4.56	1.011E-03	U1	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	5.05	1.011E-03	U1	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	5.55	1.011E-03	U1	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	6.04	1.011E-03	U1	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	6.54	1.011E-03	U1	1.153E-03	U5EYA	0.0	U7DYB
2F	B24G100X150-C	7.03	1.011E-03	U1	1.351E-03	U5EYB	0.0	U7DYB
2F	B24G100X150-C	7.53	1.011E-03	U1	1.541E-03	U1	0.0	U7DYB
2F	B24G100X150-C	8.02	1.011E-03	U1	1.702E-03	U1	0.0	U7DYB
2F	B24G100X150-C	8.52	1.011E-03	U1	1.831E-03	U1	0.0	U7DYB
2F	B24G100X150-C	9.01	1.011E-03	U1	1.928E-03	U1	0.0	U7DYB
2F	B24G100X150-C	9.51	1.011E-03	U1	1.992E-03	U1	0.0	U7DYB
2F	B24G100X150-C	10.00	1.011E-03	U1	2.025E-03	U1	0.0	U7DYB
2F	B24G100X150-C	10.50	1.011E-03	U1	2.025E-03	U1	0.0	U7DYB
2F	B24G100X150-C	10.99	1.011E-03	U1	1.993E-03	U1	0.0	U7DYB
2F	B24G100X150-C	11.49	1.011E-03	U1	1.928E-03	U1	0.0	U7DYB
2F	B24G100X150-C	11.98	1.011E-03	U1	1.831E-03	U1	0.0	U7DYB
2F	B24G100X150-C	12.48	1.011E-03	U1	1.703E-03	U1	0.0	U7DYB
2F	B24G100X150-C	12.97	1.011E-03	U1	1.542E-03	U1	0.0	U7DYB
2F	B24G100X150-C	13.47	1.011E-03	U1	1.349E-03	U1	0.0	U7DYB
2F	B24G100X150-C	13.96	1.011E-03	U1	1.124E-03	U5EYB	0.0	U7DYB
2F	B24G100X150-C	14.46	1.011E-03	U1	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	14.95	1.011E-03	U1	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	15.45	1.011E-03	U1	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	15.94	1.011E-03	U1	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	16.44	1.011E-03	U1	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	16.93	1.025E-03	U5EYA	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	17.43	1.444E-03	U5EYA	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	17.92	1.893E-03	U5EYA	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	18.42	2.372E-03	U5EYA	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	18.91	2.900E-03	U5EYB	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	19.41	3.475E-03	U5EYB	1.011E-03	U1	0.0	U7DYB
2F	B24G100X150-C	19.90	4.093E-03	U1	2.030E-03	U1	0.0	U7DYB

2F	B53	G60X80	0.45	1.552E-03	U5DYB	8.556E-04	U5EXA	0.0	U7DYB
2F	B53	G60X80	0.93	1.067E-03	U5EXA	5.742E-04	U2	0.0	U7DYB
2F	B53	G60X80	1.42	5.742E-04	U2	5.742E-04	U2	0.0	U7DYB
2F	B53	G60X80	1.90	5.742E-04	U2	5.742E-04	U2	0.0	U7DYB
2F	B53	G60X80	2.38	5.742E-04	U2	7.726E-04	U2	0.0	U7DYB
2F	B53	G60X80	2.87	5.742E-04	U2	8.928E-04	U2	0.0	U7DYB
2F	B53	G60X80	3.35	5.742E-04	U2	8.544E-04	U2	0.0	U7DYB
2F	B53	G60X80	3.83	5.742E-04	U2	7.730E-04	U5DXB	0.0	U7DYB
2F	B53	G60X80	4.32	5.742E-04	U2	5.940E-04	U5DXA	0.0	U7DYB
2F	B53	G60X80	4.80	5.742E-04	U2	5.742E-04	U2	0.0	U7DYB
2F	B53	G60X80	5.28	8.114E-04	U2	5.742E-04	U2	0.0	U7DYB
2F	B53	G60X80	5.77	1.537E-03	U2	5.742E-04	U2	0.0	U7DYB
2F	B53	G60X80	6.25	1.760E-03	U2	1.157E-03	U2	0.0	U7DYB

2F	B54	G60X80	0.45	1.960E-03	U2	1.285E-03	U2	0.0	U7DYB
2F	B54	G60X80	0.87	1.552E-03	U5DYB	6.376E-04	U2	0.0	U7DYB
2F	B54	G60X80	1.30	1.014E-03	U2	6.376E-04	U2	0.0	U7DYB

2F	B54	G60X80	1.72	6.376E-04	U2	6.376E-04	U2	0.0	U7DYB
2F	B54	G60X80	1.72	6.376E-04	U2	6.376E-04	U2	0.0	U7DYB
2F	B54	G60X80	2.22	6.376E-04	U2	6.376E-04	U2	0.0	U7DYB
2F	B54	G60X80	2.72	6.376E-04	U2	7.251E-04	U5DXA	0.0	U7DYB
2F	B54	G60X80	3.22	6.376E-04	U2	1.074E-03	U2	0.0	U7DYB
2F	B54	G60X80	3.72	6.376E-04	U2	1.381E-03	U2	0.0	U7DYB
2F	B54	G60X80	4.22	6.376E-04	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B54	G60X80	4.22	6.376E-04	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B54	G60X80	4.70	6.376E-04	U2	1.472E-03	U2	0.0	U7DYB
2F	B54	G60X80	5.18	6.376E-04	U2	1.261E-03	U2	0.0	U7DYB
2F	B54	G60X80	5.66	6.376E-04	U2	9.772E-04	U2	0.0	U7DYB
2F	B54	G60X80	6.14	6.376E-04	U2	6.376E-04	U2	0.0	U7DYB
2F	B54	G60X80	6.62	6.376E-04	U2	6.376E-04	U2	0.0	U7DYB
2F	B54	G60X80	7.10	6.376E-04	U2	6.376E-04	U2	0.0	U7DYB
2F	B54	G60X80	7.58	1.082E-03	U5DXA	6.376E-04	U2	0.0	U7DYB
2F	B54	G60X80	7.58	1.082E-03	U5DXA	6.376E-04	U2	0.0	U7DYB
2F	B54	G60X80	7.96	1.552E-03	U5DYB	6.376E-04	U2	0.0	U7DYB
2F	B54	G60X80	8.35	1.751E-03	U2	1.150E-03	U2	0.0	U7DYB
2F	B57	B30X50	0.00	0.0	U7DYB	0.0	U7DYB	0.0	U7DYB
2F	B57	B30X50	0.50	0.0	U1	1.804E-04	U2	0.0	U7DYB
2F	B57	B30X50	1.00	0.0	U1	3.221E-04	U2	0.0	U7DYB
2F	B57	B30X50	1.50	0.0	U1	4.017E-04	U2	0.0	U7DYB
2F	B57	B30X50	2.00	0.0	U1	4.017E-04	U2	0.0	U7DYB
2F	B57	B30X50	2.50	0.0	U1	3.221E-04	U2	0.0	U7DYB
2F	B57	B30X50	3.00	0.0	U1	1.804E-04	U2	0.0	U7DYB
2F	B57	B30X50	3.50	0.0	U1	0.0	U1	0.0	U7DYB
2F	B59	B40X60	0.00	0.0	U7DYB	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	0.47	0.0	U2	6.077E-04	U2	0.0	U7DYB
2F	B59	B40X60	0.95	0.0	U2	8.999E-04	U2	0.0	U7DYB
2F	B59	B40X60	1.42	0.0	U2	1.314E-03	U2	0.0	U7DYB
2F	B59	B40X60	1.89	0.0	U2	1.683E-03	U2	0.0	U7DYB
2F	B59	B40X60	2.37	0.0	U2	1.997E-03	U2	0.0	U7DYB
2F	B59	B40X60	2.84	0.0	U2	2.252E-03	U2	0.0	U7DYB
2F	B59	B40X60	3.31	0.0	U2	2.443E-03	U2	0.0	U7DYB
2F	B59	B40X60	3.79	0.0	U2	2.569E-03	U2	0.0	U7DYB
2F	B59	B40X60	4.26	0.0	U2	2.627E-03	U2	0.0	U7DYB
2F	B59	B40X60	4.73	0.0	U2	2.616E-03	U2	0.0	U7DYB
2F	B59	B40X60	5.21	0.0	U2	2.536E-03	U2	0.0	U7DYB
2F	B59	B40X60	5.68	0.0	U2	2.388E-03	U2	0.0	U7DYB
2F	B59	B40X60	6.15	0.0	U2	2.176E-03	U2	0.0	U7DYB
2F	B59	B40X60	6.63	0.0	U2	1.909E-03	U2	0.0	U7DYB
2F	B59	B40X60	7.10	0.0	U2	1.600E-03	U2	0.0	U7DYB
2F	B59	B40X60	7.58	0.0	U2	1.260E-03	U2	0.0	U7DYB
2F	B59	B40X60	7.58	0.0	U2	1.260E-03	U2	0.0	U7DYB
2F	B59	B40X60	7.98	0.0	U2	8.488E-04	U2	0.0	U7DYB
2F	B59	B40X60	8.39	0.0	U2	5.690E-04	U2	0.0	U7DYB
2F	B59	B40X60	8.80	0.0	U2	0.0	U2	0.0	U7DYB
2F	B61	G90X120	0.45	7.226E-04	U5EYA	3.606E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	0.95	4.373E-04	U5EYA	1.801E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	1.45	1.967E-04	U5EYA	1.801E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	1.95	1.801E-04	U5EYA	2.638E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	2.45	1.801E-04	U5EYA	3.447E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	2.95	1.801E-04	U5EYA	3.553E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	3.45	1.801E-04	U5EYA	2.950E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	3.95	1.801E-04	U5EYA	1.801E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	4.45	1.801E-04	U5EYA	1.801E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	4.95	2.393E-04	U5EXB	1.801E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	5.45	4.955E-04	U5EYB	1.801E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	5.45	3.222E-04	U5EYB	1.801E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	5.92	1.801E-04	U5EYA	1.801E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	6.38	1.801E-04	U5EYA	1.801E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	6.85	1.801E-04	U5EYA	1.801E-04	U5EYA	0.0	U7DYB

2F	B61	G90X120	7.32	1.801E-04	U5EYA	2.493E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	7.78	1.801E-04	U5EYA	2.781E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	8.25	1.801E-04	U5EYA	2.488E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	8.72	1.801E-04	U5EYA	1.801E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	9.18	3.493E-04	U5EYA	1.801E-04	U5EYA	0.0	U7DYB
2F	B61	G90X120	9.65	5.734E-04	U5EYA	2.863E-04	U5EYA	0.0	U7DYB
2F	B62	G70X90	0.45	4.845E-03	U2	2.341E-03	U2	0.0	U7DYB
2F	B62	G70X90	0.89	3.698E-03	U2	1.542E-03	U2	0.0	U7DYB
2F	B62	G70X90	1.32	2.625E-03	U2	1.542E-03	U2	0.0	U7DYB
2F	B62	G70X90	1.76	1.910E-03	U5DYB	1.542E-03	U2	0.0	U7DYB
2F	B62	G70X90	2.19	1.542E-03	U2	1.542E-03	U2	0.0	U7DYB
2F	B62	G70X90	2.63	1.542E-03	U2	1.542E-03	U2	0.0	U7DYB
2F	B62	G70X90	3.06	1.542E-03	U2	1.542E-03	U2	0.0	U7DYB
2F	B62	G70X90	3.50	1.542E-03	U2	1.910E-03	U5DYB	0.0	U7DYB
2F	B62	G70X90	3.50	1.542E-03	U2	1.910E-03	U5DYB	0.0	U7DYB
2F	B62	G70X90	3.99	1.542E-03	U2	2.038E-03	U2	0.0	U7DYB
2F	B62	G70X90	4.47	1.542E-03	U2	2.425E-03	U2	0.0	U7DYB
2F	B62	G70X90	4.96	1.542E-03	U2	2.768E-03	U2	0.0	U7DYB
2F	B62	G70X90	5.45	1.542E-03	U2	3.080E-03	U2	0.0	U7DYB
2F	B62	G70X90	5.45	1.542E-03	U2	3.160E-03	U2	0.0	U7DYB
2F	B62	G70X90	5.93	1.542E-03	U2	2.533E-03	U2	0.0	U7DYB
2F	B62	G70X90	6.42	1.542E-03	U2	1.910E-03	U5DYB	0.0	U7DYB
2F	B62	G70X90	6.90	1.542E-03	U2	1.584E-03	U2	0.0	U7DYB
2F	B62	G70X90	7.38	1.542E-03	U2	1.542E-03	U2	0.0	U7DYB
2F	B62	G70X90	7.87	1.542E-03	U2	1.542E-03	U2	0.0	U7DYB
2F	B62	G70X90	8.35	1.792E-03	U2	1.542E-03	U2	0.0	U7DYB
2F	B62	G70X90	8.83	2.412E-03	U2	1.542E-03	U2	0.0	U7DYB
2F	B62	G70X90	9.32	3.590E-03	U2	1.542E-03	U2	0.0	U7DYB
2F	B62	G70X90	9.80	4.868E-03	U2	2.351E-03	U2	0.0	U7DYB
2F	B63	G70X90	0.45	2.955E-04	U5EYA	1.475E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	0.89	1.980E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	1.32	1.499E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	1.76	1.499E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	2.19	1.499E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	2.63	1.499E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	3.06	1.499E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	3.50	1.499E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	3.50	1.499E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	3.99	1.499E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	4.47	1.499E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	4.96	1.499E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	5.45	1.499E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	5.45	3.833E-04	U5EYB	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	5.93	1.754E-04	U5EYB	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	6.42	1.499E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	6.90	1.499E-04	U5EYA	1.679E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	7.38	1.499E-04	U5EYA	2.538E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	7.87	1.499E-04	U5EYA	2.746E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	8.35	1.499E-04	U5EYA	2.231E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	8.83	1.499E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	9.32	3.512E-04	U5EYA	1.499E-04	U5EYA	0.0	U7DYB
2F	B63	G70X90	9.80	6.024E-04	U5EYA	3.003E-04	U5EYA	0.0	U7DYB
2F	B64	B60X80	0.00	2.556E-03	U5EXB	1.552E-03	U5DYB	0.0	U7DYB
2F	B64	B60X80	0.48	1.879E-03	U5EXB	8.252E-04	U5EXB	0.0	U7DYB
2F	B64	B60X80	0.96	1.552E-03	U5DYB	8.252E-04	U5EXB	0.0	U7DYB
2F	B64	B60X80	1.44	9.090E-04	U5EXB	8.252E-04	U5EXB	0.0	U7DYB
2F	B64	B60X80	1.91	8.252E-04	U5EXB	8.252E-04	U5EXB	0.0	U7DYB
2F	B64	B60X80	2.39	8.252E-04	U5EXB	8.252E-04	U5EXB	0.0	U7DYB
2F	B64	B60X80	2.87	8.252E-04	U5EXB	8.318E-04	U2	0.0	U7DYB
2F	B64	B60X80	3.35	8.252E-04	U5EXB	1.037E-03	U2	0.0	U7DYB
2F	B64	B60X80	3.83	8.252E-04	U5EXB	1.086E-03	U2	0.0	U7DYB
2F	B64	B60X80	4.31	8.252E-04	U5EXB	9.958E-04	U5EXB	0.0	U7DYB

2F	B64	B60X80	4.79	8.252E-04	U5EXB	8.252E-04	U5EXB	0.0	U7DYB
2F	B64	B60X80	5.26	8.252E-04	U5EXB	8.252E-04	U5EXB	0.0	U7DYB
2F	B64	B60X80	5.74	8.252E-04	U5EXB	8.252E-04	U5EXB	0.0	U7DYB
2F	B64	B60X80	6.22	8.252E-04	U5EXB	8.252E-04	U5EXB	0.0	U7DYB
2F	B64	B60X80	6.70	1.192E-03	U2	5.919E-04	U2	0.0	U7DYB
2F	B65	B60X80	0.00	1.334E-03	U2	6.617E-04	U2	0.0	U7DYB
2F	B65	B60X80	0.49	8.318E-04	U2	8.318E-04	U2	0.0	U7DYB
2F	B65	B60X80	0.98	8.318E-04	U2	8.318E-04	U2	0.0	U7DYB
2F	B65	B60X80	1.47	8.318E-04	U2	8.318E-04	U2	0.0	U7DYB
2F	B65	B60X80	1.96	8.318E-04	U2	9.153E-04	U5DXB	0.0	U7DYB
2F	B65	B60X80	2.44	8.318E-04	U2	1.235E-03	U5DXB	0.0	U7DYB
2F	B65	B60X80	2.93	8.318E-04	U2	1.459E-03	U5DYB	0.0	U7DYB
2F	B65	B60X80	3.42	8.318E-04	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B65	B60X80	3.91	8.318E-04	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B65	B60X80	4.40	8.318E-04	U2	1.540E-03	U5DXB	0.0	U7DYB
2F	B65	B60X80	4.89	8.318E-04	U2	1.374E-03	U2	0.0	U7DYB
2F	B65	B60X80	5.38	8.318E-04	U2	1.104E-03	U2	0.0	U7DYB
2F	B65	B60X80	5.87	8.318E-04	U2	8.318E-04	U2	0.0	U7DYB
2F	B65	B60X80	6.36	8.318E-04	U2	8.318E-04	U2	0.0	U7DYB
2F	B65	B60X80	6.84	8.318E-04	U2	8.318E-04	U2	0.0	U7DYB
2F	B65	B60X80	7.33	9.844E-04	U5DXB	8.318E-04	U2	0.0	U7DYB
2F	B65	B60X80	7.82	1.552E-03	U5DYB	8.318E-04	U2	0.0	U7DYB
2F	B65	B60X80	8.31	1.910E-03	U2	8.318E-04	U2	0.0	U7DYB
2F	B65	B60X80	8.80	2.577E-03	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B80	G60X80	0.55	1.552E-03	U5DYB	8.346E-04	U5EXA	0.0	U7DYB
2F	B80	G60X80	1.03	1.044E-03	U5EXA	5.768E-04	U2	0.0	U7DYB
2F	B80	G60X80	1.50	5.768E-04	U2	5.768E-04	U2	0.0	U7DYB
2F	B80	G60X80	1.98	5.768E-04	U2	5.768E-04	U2	0.0	U7DYB
2F	B80	G60X80	2.45	5.768E-04	U2	7.326E-04	U2	0.0	U7DYB
2F	B80	G60X80	2.93	5.768E-04	U2	8.238E-04	U2	0.0	U7DYB
2F	B80	G60X80	3.40	5.768E-04	U2	7.676E-04	U2	0.0	U7DYB
2F	B80	G60X80	3.88	5.768E-04	U2	6.878E-04	U5DXB	0.0	U7DYB
2F	B80	G60X80	4.35	5.768E-04	U2	5.768E-04	U2	0.0	U7DYB
2F	B80	G60X80	4.83	5.768E-04	U2	5.768E-04	U2	0.0	U7DYB
2F	B80	G60X80	5.30	8.689E-04	U2	5.768E-04	U2	0.0	U7DYB
2F	B80	G60X80	5.78	1.552E-03	U2	5.768E-04	U2	0.0	U7DYB
2F	B80	G60X80	6.25	1.769E-03	U2	1.162E-03	U2	0.0	U7DYB
2F	B81	G60X80	0.45	2.302E-03	U2	1.505E-03	U2	0.0	U7DYB
2F	B81	G60X80	0.93	1.552E-03	U5DYB	7.493E-04	U2	0.0	U7DYB
2F	B81	G60X80	1.41	1.108E-03	U2	7.493E-04	U2	0.0	U7DYB
2F	B81	G60X80	1.89	7.493E-04	U2	7.493E-04	U2	0.0	U7DYB
2F	B81	G60X80	2.37	7.493E-04	U2	7.493E-04	U2	0.0	U7DYB
2F	B81	G60X80	2.84	7.493E-04	U2	9.847E-04	U5DXB	0.0	U7DYB
2F	B81	G60X80	3.32	7.493E-04	U2	1.387E-03	U2	0.0	U7DYB
2F	B81	G60X80	3.80	7.493E-04	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B81	G60X80	4.28	7.493E-04	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B81	G60X80	4.76	7.493E-04	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B81	G60X80	5.24	7.493E-04	U2	1.552E-03	U2	0.0	U7DYB
2F	B81	G60X80	5.72	7.493E-04	U2	1.278E-03	U2	0.0	U7DYB
2F	B81	G60X80	6.20	7.493E-04	U2	8.824E-04	U2	0.0	U7DYB
2F	B81	G60X80	6.68	7.493E-04	U2	7.493E-04	U2	0.0	U7DYB
2F	B81	G60X80	6.68	7.493E-04	U2	7.493E-04	U2	0.0	U7DYB
2F	B81	G60X80	7.09	7.493E-04	U2	7.493E-04	U2	0.0	U7DYB
2F	B81	G60X80	7.51	1.251E-03	U5DXA	7.493E-04	U2	0.0	U7DYB
2F	B81	G60X80	7.93	1.579E-03	U2	7.493E-04	U2	0.0	U7DYB
2F	B81	G60X80	8.35	2.314E-03	U2	1.513E-03	U2	0.0	U7DYB
2F	B82	B30X50	0.00	0.0	U7DYB	0.0	U7DYB	0.0	U7DYB
2F	B82	B30X50	0.46	0.0	U1	4.624E-04	U5DYB	0.0	U7DYB
2F	B82	B30X50	0.92	0.0	U1	7.538E-04	U2	0.0	U7DYB
2F	B82	B30X50	1.37	0.0	U1	1.068E-03	U2	0.0	U7DYB
2F	B82	B30X50	1.83	0.0	U1	1.301E-03	U2	0.0	U7DYB

2F	B82	B30X50	2.29	0.0	U1	1.428E-03	U2	0.0	U7DYB
2F	B82	B30X50	2.75	0.0	U1	1.428E-03	U2	0.0	U7DYB
2F	B82	B30X50	3.21	0.0	U1	1.301E-03	U2	0.0	U7DYB
2F	B82	B30X50	3.66	0.0	U1	1.068E-03	U2	0.0	U7DYB
2F	B82	B30X50	4.12	0.0	U1	7.538E-04	U2	0.0	U7DYB
2F	B82	B30X50	4.58	0.0	U1	4.624E-04	U5DYB	0.0	U7DYB
2F	B82	B30X50	5.04	0.0	U1	0.0	U1	0.0	U7DYB
2F	B83	B60X80	0.00	2.628E-03	U5EXB	1.552E-03	U5DYB	0.0	U7DYB
2F	B83	B60X80	0.48	1.954E-03	U5EXB	8.475E-04	U5EXB	0.0	U7DYB
2F	B83	B60X80	0.96	1.552E-03	U5DYB	8.475E-04	U5EXB	0.0	U7DYB
2F	B83	B60X80	1.44	1.018E-03	U5EXB	8.475E-04	U5EXB	0.0	U7DYB
2F	B83	B60X80	1.91	8.475E-04	U5EXB	8.475E-04	U5EXB	0.0	U7DYB
2F	B83	B60X80	2.39	8.475E-04	U5EXB	8.475E-04	U5EXB	0.0	U7DYB
2F	B83	B60X80	2.87	8.475E-04	U5EXB	8.475E-04	U5EXB	0.0	U7DYB
2F	B83	B60X80	3.35	8.475E-04	U5EXB	8.920E-04	U2	0.0	U7DYB
2F	B83	B60X80	3.83	8.475E-04	U5EXB	9.250E-04	U2	0.0	U7DYB
2F	B83	B60X80	4.31	8.475E-04	U5EXB	8.475E-04	U5EXB	0.0	U7DYB
2F	B83	B60X80	4.79	8.475E-04	U5EXB	8.475E-04	U5EXB	0.0	U7DYB
2F	B83	B60X80	5.26	8.475E-04	U5EXB	8.475E-04	U5EXB	0.0	U7DYB
2F	B83	B60X80	5.74	8.475E-04	U5EXB	8.475E-04	U5EXB	0.0	U7DYB
2F	B83	B60X80	6.22	8.809E-04	U2	8.475E-04	U5EXB	0.0	U7DYB
2F	B83	B60X80	6.70	1.480E-03	U2	7.333E-04	U2	0.0	U7DYB
2F	B84	B60X80	0.00	1.552E-03	U5DYB	9.832E-04	U2	0.0	U7DYB
2F	B84	B60X80	0.48	1.319E-03	U2	1.319E-03	U2	0.0	U7DYB
2F	B84	B60X80	0.95	1.319E-03	U2	1.319E-03	U2	0.0	U7DYB
2F	B84	B60X80	1.43	1.319E-03	U2	1.319E-03	U2	0.0	U7DYB
2F	B84	B60X80	1.91	1.319E-03	U2	1.319E-03	U2	0.0	U7DYB
2F	B84	B60X80	2.38	1.319E-03	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B84	B60X80	2.86	1.319E-03	U2	1.639E-03	U5EXB	0.0	U7DYB
2F	B84	B60X80	3.34	1.319E-03	U2	1.820E-03	U2	0.0	U7DYB
2F	B84	B60X80	3.81	1.319E-03	U2	1.898E-03	U2	0.0	U7DYB
2F	B84	B60X80	4.29	1.319E-03	U2	1.852E-03	U2	0.0	U7DYB
2F	B84	B60X80	4.77	1.319E-03	U2	1.687E-03	U2	0.0	U7DYB
2F	B84	B60X80	5.24	1.319E-03	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B84	B60X80	5.72	1.319E-03	U2	1.395E-03	U2	0.0	U7DYB
2F	B84	B60X80	6.20	1.319E-03	U2	1.319E-03	U2	0.0	U7DYB
2F	B84	B60X80	6.68	1.319E-03	U2	1.319E-03	U2	0.0	U7DYB
2F	B84	B60X80	6.68	1.319E-03	U2	1.319E-03	U2	0.0	U7DYB
2F	B84	B60X80	7.10	1.319E-03	U2	1.319E-03	U2	0.0	U7DYB
2F	B84	B60X80	7.53	1.552E-03	U5DYB	1.319E-03	U2	0.0	U7DYB
2F	B84	B60X80	7.95	2.281E-03	U2	1.319E-03	U2	0.0	U7DYB
2F	B84	B60X80	8.38	3.199E-03	U2	1.319E-03	U2	0.0	U7DYB
2F	B84	B60X80	8.80	4.174E-03	U2	2.012E-03	U2	0.0	U7DYB
2F	B85	G90X120	0.60	5.981E-04	U5EYA	2.986E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	1.09	3.489E-04	U5EYA	1.889E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	1.59	1.889E-04	U5EYA	1.889E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	2.08	1.889E-04	U5EYA	2.741E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	2.57	1.889E-04	U5EYA	3.085E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	3.07	1.889E-04	U5EYA	2.762E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	3.56	1.889E-04	U5EYA	1.889E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	4.05	1.889E-04	U5EYA	1.889E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	4.54	1.889E-04	U5EYA	1.889E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	5.04	3.749E-04	U5EYB	1.889E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	5.04	4.958E-04	U5EYB	1.889E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	5.49	2.717E-04	U2	1.889E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	5.95	1.889E-04	U5EYA	1.889E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	6.40	1.889E-04	U5EYA	1.889E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	6.86	1.889E-04	U5EYA	2.563E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	7.32	1.889E-04	U5EYA	3.335E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	7.77	1.889E-04	U5EYA	3.547E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	8.23	1.889E-04	U5EYA	3.154E-04	U5EYA	0.0	U7DYB
2F	B85	G90X120	8.68	1.889E-04	U5EYA	2.202E-04	U5EYA	0.0	U7DYB

2F	B85	G90X120	9.14	2.640E-04	U5EYA	1.889E-04	U5EYA	0.0 U7DYB
2F	B85	G90X120	9.59	4.927E-04	U5EYA	1.889E-04	U5EYA	0.0 U7DYB
2F	B85	G90X120	10.05	7.578E-04	U5EYA	3.781E-04	U5EYA	0.0 U7DYB
2F	B86	G70X90	0.45	5.224E-03	U2	2.516E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	0.91	3.916E-03	U2	1.649E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	1.37	2.704E-03	U2	1.649E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	1.83	1.910E-03	U5DYB	1.649E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	2.29	1.649E-03	U2	1.649E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	2.74	1.649E-03	U2	1.649E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	3.20	1.649E-03	U2	1.649E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	3.66	1.649E-03	U2	1.910E-03	U5DYB	2.887E-03 U5DYB
2F	B86	G70X90	4.12	1.649E-03	U2	2.501E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	4.58	1.649E-03	U2	3.149E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	5.04	1.649E-03	U2	3.777E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	5.04	1.649E-03	U2	3.734E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	5.49	1.649E-03	U2	3.244E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	5.95	1.649E-03	U2	2.730E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	6.40	1.649E-03	U2	2.175E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	6.86	1.649E-03	U2	1.910E-03	U5DYB	2.887E-03 U5DYB
2F	B86	G70X90	7.32	1.649E-03	U2	1.649E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	7.77	1.649E-03	U2	1.649E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	8.23	1.649E-03	U2	1.649E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	8.68	1.910E-03	U5DYB	1.649E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	9.14	2.767E-03	U2	1.649E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	9.59	3.945E-03	U2	1.649E-03	U2	2.887E-03 U5DYB
2F	B86	G70X90	10.05	5.216E-03	U2	2.513E-03	U2	2.887E-03 U5DYB
2F	B87	G70X90	0.45	5.074E-04	U5EYA	2.531E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	0.91	3.063E-04	U5EYA	1.889E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	1.37	1.889E-04	U5EYA	1.889E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	1.83	1.889E-04	U5EYA	1.988E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	2.29	1.889E-04	U5EYA	2.462E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	2.74	1.889E-04	U5EYA	2.532E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	3.20	1.889E-04	U5EYA	2.197E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	3.66	1.889E-04	U5EYA	1.889E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	4.12	1.889E-04	U5EYA	1.889E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	4.58	1.889E-04	U5EYA	1.889E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	5.04	3.086E-04	U5EYB	1.889E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	5.04	5.330E-04	U5EYB	1.889E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	5.49	2.800E-04	U2	1.889E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	5.95	1.889E-04	U5EYA	1.889E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	6.40	1.889E-04	U5EYA	1.889E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	6.86	1.889E-04	U5EYA	2.790E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	7.32	1.889E-04	U5EYA	3.628E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	7.77	1.889E-04	U5EYA	3.814E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	8.23	1.889E-04	U5EYA	3.285E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	8.68	1.889E-04	U5EYA	2.107E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	9.14	2.153E-04	U5EYA	1.889E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	9.59	4.684E-04	U5EYA	1.889E-04	U5EYA	0.0 U7DYB
2F	B87	G70X90	10.05	7.598E-04	U5EYA	3.785E-04	U5EYA	0.0 U7DYB
2F	B88G100X150-C		0.60	4.088E-03	U1	2.028E-03	U1	0.0 U7DYB
2F	B88G100X150-C		1.09	3.466E-03	U1	1.013E-03	U5EYB	0.0 U7DYB
2F	B88G100X150-C		1.59	2.880E-03	U1	1.013E-03	U5EYB	0.0 U7DYB
2F	B88G100X150-C		2.08	2.354E-03	U5EYA	1.013E-03	U5EYB	0.0 U7DYB
2F	B88G100X150-C		2.58	1.876E-03	U5EYA	1.013E-03	U5EYB	0.0 U7DYB
2F	B88G100X150-C		3.07	1.429E-03	U5EYA	1.013E-03	U5EYB	0.0 U7DYB
2F	B88G100X150-C		3.57	1.013E-03	U5EYB	1.013E-03	U5EYB	0.0 U7DYB
2F	B88G100X150-C		4.06	1.013E-03	U5EYB	1.013E-03	U5EYB	0.0 U7DYB
2F	B88G100X150-C		4.56	1.013E-03	U5EYB	1.013E-03	U5EYB	0.0 U7DYB
2F	B88G100X150-C		5.05	1.013E-03	U5EYB	1.013E-03	U5EYB	0.0 U7DYB
2F	B88G100X150-C		5.55	1.013E-03	U5EYB	1.013E-03	U5EYB	0.0 U7DYB
2F	B88G100X150-C		6.04	1.013E-03	U5EYB	1.013E-03	U5EYB	0.0 U7DYB
2F	B88G100X150-C		6.54	1.013E-03	U5EYB	1.132E-03	U5EYB	0.0 U7DYB

2F	B88G100X150-C	7.03	1.013E-03	U5EYB	1.350E-03	U1	0.0	U7DYB
2F	B88G100X150-C	7.53	1.013E-03	U5EYB	1.543E-03	U1	0.0	U7DYB
2F	B88G100X150-C	8.02	1.013E-03	U5EYB	1.704E-03	U1	0.0	U7DYB
2F	B88G100X150-C	8.52	1.013E-03	U5EYB	1.832E-03	U1	0.0	U7DYB
2F	B88G100X150-C	9.01	1.013E-03	U5EYB	1.929E-03	U1	0.0	U7DYB
2F	B88G100X150-C	9.51	1.013E-03	U5EYB	1.993E-03	U1	0.0	U7DYB
2F	B88G100X150-C	10.00	1.013E-03	U5EYB	2.025E-03	U1	0.0	U7DYB
2F	B88G100X150-C	10.50	1.013E-03	U5EYB	2.024E-03	U1	0.0	U7DYB
2F	B88G100X150-C	10.99	1.013E-03	U5EYB	1.992E-03	U1	0.0	U7DYB
2F	B88G100X150-C	11.49	1.013E-03	U5EYB	1.927E-03	U1	0.0	U7DYB
2F	B88G100X150-C	11.98	1.013E-03	U5EYB	1.830E-03	U1	0.0	U7DYB
2F	B88G100X150-C	12.48	1.013E-03	U5EYB	1.701E-03	U1	0.0	U7DYB
2F	B88G100X150-C	12.97	1.013E-03	U5EYB	1.539E-03	U1	0.0	U7DYB
2F	B88G100X150-C	13.47	1.013E-03	U5EYB	1.346E-03	U1	0.0	U7DYB
2F	B88G100X150-C	13.96	1.013E-03	U5EYB	1.143E-03	U5EYA	0.0	U7DYB
2F	B88G100X150-C	14.46	1.013E-03	U5EYB	1.013E-03	U5EYB	0.0	U7DYB
2F	B88G100X150-C	14.95	1.013E-03	U5EYB	1.013E-03	U5EYB	0.0	U7DYB
2F	B88G100X150-C	15.45	1.013E-03	U5EYB	1.013E-03	U5EYB	0.0	U7DYB
2F	B88G100X150-C	15.94	1.013E-03	U5EYB	1.013E-03	U5EYB	0.0	U7DYB
2F	B88G100X150-C	16.44	1.013E-03	U5EYB	1.013E-03	U5EYB	0.0	U7DYB
2F	B88G100X150-C	16.93	1.187E-03	U2	1.013E-03	U5EYB	0.0	U7DYB
2F	B88G100X150-C	17.43	1.595E-03	U2	1.013E-03	U5EYB	0.0	U7DYB
2F	B88G100X150-C	17.92	2.032E-03	U2	1.013E-03	U5EYB	0.0	U7DYB
2F	B88G100X150-C	18.42	2.498E-03	U2	1.013E-03	U5EYB	0.0	U7DYB
2F	B88G100X150-C	18.91	2.993E-03	U2	1.013E-03	U5EYB	0.0	U7DYB
2F	B88G100X150-C	19.41	3.519E-03	U2	1.013E-03	U5EYB	0.0	U7DYB
2F	B88G100X150-C	19.90	4.102E-03	U5EYB	2.034E-03	U5EYB	0.0	U7DYB

2F	B117	G60X80	0.45	1.552E-03	U5DXB	7.974E-04	U5EXA	0.0 U7DYB
2F	B117	G60X80	0.93	9.808E-04	U5EXA	5.891E-04	U2	0.0 U7DYB
2F	B117	G60X80	1.42	5.891E-04	U2	5.891E-04	U2	0.0 U7DYB
2F	B117	G60X80	1.90	5.891E-04	U2	5.891E-04	U2	0.0 U7DYB
2F	B117	G60X80	2.38	5.891E-04	U2	7.742E-04	U2	0.0 U7DYB
2F	B117	G60X80	2.87	5.891E-04	U2	8.610E-04	U2	0.0 U7DYB
2F	B117	G60X80	3.35	5.891E-04	U2	7.989E-04	U2	0.0 U7DYB
2F	B117	G60X80	3.83	5.891E-04	U2	7.093E-04	U5DXB	0.0 U7DYB
2F	B117	G60X80	4.32	5.891E-04	U2	5.891E-04	U2	0.0 U7DYB
2F	B117	G60X80	4.80	5.891E-04	U2	5.891E-04	U2	0.0 U7DYB
2F	B117	G60X80	5.28	8.784E-04	U2	5.891E-04	U2	0.0 U7DYB
2F	B117	G60X80	5.77	1.552E-03	U2	5.891E-04	U2	0.0 U7DYB
2F	B117	G60X80	6.25	1.807E-03	U2	1.187E-03	U2	0.0 U7DYB

2F	B118	G60X80	0.45	2.280E-03	U2	1.491E-03	U2	0.0 U7DYB
2F	B118	G60X80	0.94	1.552E-03	U5DYB	7.387E-04	U2	0.0 U7DYB
2F	B118	G60X80	1.44	1.041E-03	U2	7.387E-04	U2	0.0 U7DYB
2F	B118	G60X80	1.93	7.387E-04	U2	7.387E-04	U2	0.0 U7DYB
2F	B118	G60X80	2.43	7.387E-04	U2	7.387E-04	U2	0.0 U7DYB
2F	B118	G60X80	2.92	7.387E-04	U2	1.050E-03	U5DXB	0.0 U7DYB
2F	B118	G60X80	3.41	7.387E-04	U2	1.448E-03	U2	0.0 U7DYB
2F	B118	G60X80	3.91	7.387E-04	U2	1.552E-03	U5DYB	0.0 U7DYB
2F	B118	G60X80	4.40	7.387E-04	U2	1.552E-03	U5DYB	0.0 U7DYB
2F	B118	G60X80	4.89	7.387E-04	U2	1.552E-03	U5DYB	0.0 U7DYB
2F	B118	G60X80	5.39	7.387E-04	U2	1.499E-03	U2	0.0 U7DYB
2F	B118	G60X80	5.88	7.387E-04	U2	1.117E-03	U2	0.0 U7DYB
2F	B118	G60X80	6.38	7.387E-04	U2	7.387E-04	U2	0.0 U7DYB
2F	B118	G60X80	6.87	7.387E-04	U2	7.387E-04	U2	0.0 U7DYB
2F	B118	G60X80	7.36	9.684E-04	U5DXA	7.387E-04	U2	0.0 U7DYB
2F	B118	G60X80	7.86	1.552E-03	U5DYB	7.387E-04	U2	0.0 U7DYB
2F	B118	G60X80	8.35	2.122E-03	U2	1.389E-03	U2	0.0 U7DYB

2F	B119	B60X80	0.00	2.238E-03	U5EXB	1.464E-03	U5EXB	0.0 U7DYB
2F	B119	B60X80	0.48	1.627E-03	U5EXB	7.255E-04	U5EXB	0.0 U7DYB
2F	B119	B60X80	0.96	1.414E-03	U5EXB	7.255E-04	U5EXB	0.0 U7DYB
2F	B119	B60X80	1.44	7.385E-04	U5EXB	7.255E-04	U5EXB	0.0 U7DYB
2F	B119	B60X80	1.91	7.255E-04	U5EXB	7.255E-04	U5EXB	0.0 U7DYB

2F	B119	B60X80	2.39	7.255E-04	U5EXB	7.255E-04	U5EXB	0.0	U7DYB
2F	B119	B60X80	2.87	7.255E-04	U5EXB	7.515E-04	U2	0.0	U7DYB
2F	B119	B60X80	3.35	7.255E-04	U5EXB	9.001E-04	U2	0.0	U7DYB
2F	B119	B60X80	3.83	7.255E-04	U5EXB	8.966E-04	U2	0.0	U7DYB
2F	B119	B60X80	4.31	7.255E-04	U5EXB	7.621E-04	U5DXB	0.0	U7DYB
2F	B119	B60X80	4.79	7.255E-04	U5EXB	7.255E-04	U5EXB	0.0	U7DYB
2F	B119	B60X80	5.26	7.255E-04	U5EXB	7.255E-04	U5EXB	0.0	U7DYB
2F	B119	B60X80	5.74	7.255E-04	U5EXB	7.255E-04	U5EXB	0.0	U7DYB
2F	B119	B60X80	6.22	1.013E-03	U2	7.255E-04	U5EXB	0.0	U7DYB
2F	B119	B60X80	6.70	1.552E-03	U2	8.086E-04	U2	0.0	U7DYB
2F	B120	B60X80	0.00	1.572E-03	U2	1.034E-03	U2	0.0	U7DYB
2F	B120	B60X80	0.44	1.290E-03	U2	1.072E-03	U2	0.0	U7DYB
2F	B120	B60X80	0.89	1.072E-03	U2	1.072E-03	U2	0.0	U7DYB
2F	B120	B60X80	1.33	1.072E-03	U2	1.072E-03	U2	0.0	U7DYB
2F	B120	B60X80	1.78	1.072E-03	U2	1.072E-03	U2	0.0	U7DYB
2F	B120	B60X80	2.22	1.072E-03	U2	1.357E-03	U5EYB	0.0	U7DYB
2F	B120	B60X80	2.66	1.072E-03	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B120	B60X80	3.11	1.072E-03	U2	1.609E-03	U2	0.0	U7DYB
2F	B120	B60X80	3.55	1.072E-03	U2	1.836E-03	U2	0.0	U7DYB
2F	B120	B60X80	3.55	1.072E-03	U2	1.836E-03	U2	0.0	U7DYB
2F	B120	B60X80	4.03	1.072E-03	U2	1.731E-03	U2	0.0	U7DYB
2F	B120	B60X80	4.50	1.072E-03	U2	1.558E-03	U2	0.0	U7DYB
2F	B120	B60X80	4.98	1.072E-03	U2	1.552E-03	U5DYB	0.0	U7DYB
2F	B120	B60X80	5.46	1.072E-03	U2	1.320E-03	U2	0.0	U7DYB
2F	B120	B60X80	5.94	1.072E-03	U2	1.072E-03	U2	0.0	U7DYB
2F	B120	B60X80	6.41	1.072E-03	U2	1.072E-03	U2	0.0	U7DYB
2F	B120	B60X80	6.89	1.072E-03	U2	1.072E-03	U2	0.0	U7DYB
2F	B120	B60X80	7.37	1.389E-03	U2	1.072E-03	U2	0.0	U7DYB
2F	B120	B60X80	7.85	1.747E-03	U2	1.072E-03	U2	0.0	U7DYB
2F	B120	B60X80	8.32	2.523E-03	U2	1.072E-03	U2	0.0	U7DYB
2F	B120	B60X80	8.80	3.357E-03	U2	1.631E-03	U2	0.0	U7DYB
2F	B121	G90X120	0.45	4.392E-04	U2	2.193E-04	U2	0.0	U7DYB
2F	B121	G90X120	0.91	2.575E-04	U5EYA	1.633E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	1.38	1.633E-04	U5EYA	1.633E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	1.84	1.633E-04	U5EYA	1.633E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	2.30	1.633E-04	U5EYA	1.672E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	2.76	1.633E-04	U5EYA	1.633E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	3.23	1.633E-04	U5EYA	1.633E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	3.69	1.633E-04	U5EYA	1.633E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	4.15	2.210E-04	U5EYB	1.633E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	4.15	5.816E-04	U2	1.633E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	4.63	3.017E-04	U5EYB	1.633E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	5.10	1.633E-04	U5EYA	1.633E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	5.58	1.633E-04	U5EYA	1.633E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	6.06	1.633E-04	U5EYA	3.113E-04	U2	0.0	U7DYB
2F	B121	G90X120	6.54	1.633E-04	U5EYA	4.109E-04	U2	0.0	U7DYB
2F	B121	G90X120	7.01	1.633E-04	U5EYA	4.437E-04	U2	0.0	U7DYB
2F	B121	G90X120	7.49	1.633E-04	U5EYA	4.028E-04	U2	0.0	U7DYB
2F	B121	G90X120	7.97	1.633E-04	U5EYA	2.927E-04	U2	0.0	U7DYB
2F	B121	G90X120	8.45	1.633E-04	U5EYA	1.633E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	8.92	3.688E-04	U5EYA	1.633E-04	U5EYA	0.0	U7DYB
2F	B121	G90X120	9.40	6.550E-04	U5EYA	3.269E-04	U5EYA	0.0	U7DYB
2F	B122	G70X90	0.45	5.120E-03	U2	2.468E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	0.91	3.770E-03	U2	1.618E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	1.38	2.520E-03	U2	1.618E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	1.84	1.836E-03	U2	1.618E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	2.30	1.618E-03	U2	1.618E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	2.76	1.618E-03	U2	1.618E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	3.23	1.618E-03	U2	1.910E-03	U5DYB	2.887E-03	U5DYB
2F	B122	G70X90	3.69	1.618E-03	U2	2.341E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	4.15	1.618E-03	U2	3.193E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	4.15	1.618E-03	U2	3.027E-03	U2	2.887E-03	U5DYB

2F	B122	G70X90	4.64	1.618E-03	U2	2.761E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	5.13	1.618E-03	U2	2.463E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	5.62	1.618E-03	U2	2.117E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	6.11	1.618E-03	U2	1.910E-03	U5DYB	2.887E-03	U5DYB
2F	B122	G70X90	6.60	1.618E-03	U2	1.628E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	7.10	1.618E-03	U2	1.618E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	7.59	1.618E-03	U2	1.618E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	8.08	1.618E-03	U2	1.618E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	8.57	1.910E-03	U5DYB	1.618E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	9.06	2.604E-03	U5EYA	1.618E-03	U2	2.887E-03	U5DYB
2F	B122	G70X90	9.55	3.586E-03	U5EYB	1.910E-03	U5DYB	2.887E-03	U5DYB

2F	B123	G70X90	0.45	4.469E-04	U5EYA	2.230E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	0.91	2.530E-04	U5EYA	1.114E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	1.38	1.114E-04	U5EYA	1.216E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	1.84	1.114E-04	U5EYA	1.918E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	2.30	1.114E-04	U5EYA	2.048E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	2.76	1.114E-04	U5EYA	1.603E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	3.23	1.114E-04	U5EYA	1.114E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	3.69	1.114E-04	U5EYA	1.114E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	4.15	2.337E-04	U5EYB	1.114E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	4.15	1.114E-04	U5EYA	1.114E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	4.60	1.114E-04	U5EYA	1.114E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	5.05	1.114E-04	U5EYA	1.114E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	5.50	1.114E-04	U5EYA	1.114E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	5.95	1.114E-04	U5EYA	1.114E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	6.40	1.114E-04	U5EYA	1.114E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	6.85	1.482E-04	U5EYA	1.114E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	6.85	1.114E-04	U5EYA	1.114E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	7.30	1.114E-04	U5EYA	1.114E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	7.75	1.114E-04	U5EYA	1.188E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	8.20	1.114E-04	U5EYA	1.650E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	8.65	1.114E-04	U5EYA	1.769E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	9.10	1.493E-04	U7EYA	1.546E-04	U5EYA	0.0	U7DYB
2F	B123	G70X90	9.55	2.430E-04	U5EYA	1.276E-04	U7EYA	0.0	U7DYB

2F	B124	B25X45	0.00	0.0	U7DYB	0.0	U7DYB	0.0	U7DYB
2F	B124	B25X45	0.48	0.0	U1	3.410E-04	U5DYB	0.0	U7DYB
2F	B124	B25X45	0.95	0.0	U1	6.282E-04	U2	0.0	U7DYB
2F	B124	B25X45	1.43	0.0	U1	8.888E-04	U2	0.0	U7DYB
2F	B124	B25X45	1.91	0.0	U1	1.073E-03	U2	0.0	U7DYB
2F	B124	B25X45	2.39	0.0	U1	1.168E-03	U2	0.0	U7DYB
2F	B124	B25X45	2.86	0.0	U1	1.168E-03	U2	0.0	U7DYB
2F	B124	B25X45	3.34	0.0	U1	1.073E-03	U2	0.0	U7DYB
2F	B124	B25X45	3.82	0.0	U1	8.888E-04	U2	0.0	U7DYB
2F	B124	B25X45	4.30	0.0	U1	6.282E-04	U2	0.0	U7DYB
2F	B124	B25X45	4.77	0.0	U1	3.410E-04	U5DYB	0.0	U7DYB
2F	B124	B25X45	5.25	0.0	U1	0.0	U1	0.0	U7DYB

2F	B125	B30X50	0.00	0.0	U7DYB	0.0	U7DYB	0.0	U7DYB
2F	B125	B30X50	0.45	0.0	U2	4.624E-04	U5DYB	0.0	U7DYB
2F	B125	B30X50	0.90	0.0	U2	8.665E-04	U2	0.0	U7DYB
2F	B125	B30X50	1.35	0.0	U2	1.274E-03	U2	0.0	U7DYB
2F	B125	B30X50	1.80	0.0	U2	1.635E-03	U2	0.0	U7DYB
2F	B125	B30X50	2.25	0.0	U2	1.941E-03	U2	0.0	U7DYB
2F	B125	B30X50	2.70	0.0	U2	2.195E-03	U2	0.0	U7DYB
2F	B125	B30X50	2.70	0.0	U2	2.195E-03	U2	0.0	U7DYB
2F	B125	B30X50	3.15	0.0	U2	2.047E-03	U2	0.0	U7DYB
2F	B125	B30X50	3.60	0.0	U2	1.839E-03	U2	0.0	U7DYB
2F	B125	B30X50	4.05	0.0	U2	1.567E-03	U2	0.0	U7DYB
2F	B125	B30X50	4.50	0.0	U2	1.227E-03	U2	0.0	U7DYB
2F	B125	B30X50	4.95	0.0	U2	8.371E-04	U2	0.0	U7DYB
2F	B125	B30X50	5.40	0.0	U2	4.624E-04	U5DYB	0.0	U7DYB
2F	B125	B30X50	5.85	0.0	U2	0.0	U2	0.0	U7DYB

2F	B126	G90X120	0.60	5.755E-04	U2	2.873E-04	U2	4.930E-03	U7DYA
2F	B126	G90X120	1.09	4.108E-04	U2	1.435E-04	U2	4.930E-03	U7DYA
2F	B126	G90X120	1.57	2.706E-04	U2	1.537E-04	U7EXA	4.930E-03	U7DYA
2F	B126	G90X120	2.06	1.547E-04	U2	1.592E-04	U5EXA	4.930E-03	U7DYA
2F	B126	G90X120	2.54	1.435E-04	U2	1.567E-04	U5EXA	4.930E-03	U7DYA
2F	B126	G90X120	3.03	1.435E-04	U2	1.435E-04	U2	4.930E-03	U7DYA
2F	B126	G90X120	3.51	1.435E-04	U2	1.435E-04	U2	4.930E-03	U7DYA
2F	B126	G90X120	4.00	1.435E-04	U2	1.435E-04	U2	4.930E-03	U7DYA
2F	B126	G90X120	4.48	1.435E-04	U2	1.435E-04	U2	4.930E-03	U7DYA
2F	B126	G90X120	4.97	2.324E-04	U5EXA	1.435E-04	U2	4.930E-03	U7DYA
2F	B126	G90X120	5.45	3.860E-04	U5EXA	1.928E-04	U5EXA	4.930E-03	U7DYA
2F	B127	G90X120	0.55	4.761E-04	U5EXA	2.377E-04	U5EXA	4.930E-03	U7DYA
2F	B127	G90X120	1.04	3.092E-04	U5EXA	1.188E-04	U5EXA	4.930E-03	U7DYA
2F	B127	G90X120	1.53	1.682E-04	U5EXA	1.188E-04	U5EXA	4.930E-03	U7DYA
2F	B127	G90X120	2.02	1.188E-04	U5EXA	1.322E-04	U5EXA	4.930E-03	U7DYA
2F	B127	G90X120	2.51	1.188E-04	U5EXA	1.332E-04	U5EXA	4.930E-03	U7DYA
2F	B127	G90X120	3.00	1.188E-04	U5EXA	1.188E-04	U5EXA	4.930E-03	U7DYA
2F	B127	G90X120	3.49	1.188E-04	U5EXA	1.385E-04	U5EXA	4.930E-03	U7DYA
2F	B127	G90X120	3.98	1.188E-04	U5EXA	1.512E-04	U5EXA	4.930E-03	U7DYA
2F	B127	G90X120	4.47	1.245E-04	U7EXA	1.382E-04	U5EXA	4.930E-03	U7DYA
2F	B127	G90X120	4.96	2.457E-04	U5EXA	1.189E-04	U7EXA	4.930E-03	U7DYA
2F	B127	G90X120	5.45	3.987E-04	U5EXA	1.992E-04	U5EXA	4.930E-03	U7DYA
2F	B128	G90X120	0.55	4.397E-04	U5EXA	2.196E-04	U5EXA	0.0	U7DYB
2F	B128	G90X120	1.04	2.790E-04	U5EXA	1.097E-04	U5EXA	0.0	U7DYB
2F	B128	G90X120	1.53	1.442E-04	U5EXA	1.223E-04	U7EXA	0.0	U7DYB
2F	B128	G90X120	2.02	1.097E-04	U5EXA	1.418E-04	U5EXA	0.0	U7DYB
2F	B128	G90X120	2.51	1.097E-04	U5EXA	1.375E-04	U5EXA	0.0	U7DYB
2F	B128	G90X120	3.00	1.097E-04	U5EXA	1.194E-04	U1	0.0	U7DYB
2F	B128	G90X120	3.49	1.097E-04	U5EXA	1.381E-04	U5EXA	0.0	U7DYB
2F	B128	G90X120	3.98	1.097E-04	U5EXA	1.446E-04	U5EXA	0.0	U7DYB
2F	B128	G90X120	4.47	1.360E-04	U5EXA	1.288E-04	U7EXA	0.0	U7DYB
2F	B128	G90X120	4.96	2.686E-04	U5EXA	1.127E-04	U7EXA	0.0	U7DYB
2F	B128	G90X120	5.45	4.271E-04	U5EXA	2.133E-04	U5EXA	0.0	U7DYB
2F	B129	G90X120	0.55	4.330E-04	U5EXA	2.162E-04	U5EXA	0.0	U7DYB
2F	B129	G90X120	1.04	2.736E-04	U5EXA	1.102E-04	U7EXA	0.0	U7DYB
2F	B129	G90X120	1.53	1.415E-04	U7EXA	1.286E-04	U5EXA	0.0	U7DYB
2F	B129	G90X120	2.02	1.101E-04	U5EXA	1.465E-04	U5EXA	0.0	U7DYB
2F	B129	G90X120	2.51	1.101E-04	U5EXA	1.395E-04	U5EXA	0.0	U7DYB
2F	B129	G90X120	3.00	1.101E-04	U5EXA	1.195E-04	U1	0.0	U7DYB
2F	B129	G90X120	3.49	1.101E-04	U5EXA	1.369E-04	U5EXA	0.0	U7DYB
2F	B129	G90X120	3.98	1.101E-04	U5EXA	1.421E-04	U5EXA	0.0	U7DYB
2F	B129	G90X120	4.47	1.445E-04	U5EXA	1.279E-04	U7EXA	0.0	U7DYB
2F	B129	G90X120	4.96	2.798E-04	U5EXA	1.115E-04	U7EXA	0.0	U7DYB
2F	B129	G90X120	5.45	4.410E-04	U5EXA	2.202E-04	U5EXA	0.0	U7DYB
2F	B130	G90X120	0.55	4.342E-04	U5EXA	2.168E-04	U5EXA	0.0	U7DYB
2F	B130	G90X120	1.04	2.745E-04	U5EXA	1.133E-04	U7EXA	0.0	U7DYB
2F	B130	G90X120	1.53	1.408E-04	U5EXA	1.294E-04	U7EXA	0.0	U7DYB
2F	B130	G90X120	2.02	1.108E-04	U5EXA	1.469E-04	U5EXA	0.0	U7DYB
2F	B130	G90X120	2.51	1.108E-04	U5EXA	1.394E-04	U5EXA	0.0	U7DYB
2F	B130	G90X120	3.00	1.108E-04	U5EXA	1.195E-04	U1	0.0	U7DYB
2F	B130	G90X120	3.49	1.108E-04	U5EXA	1.372E-04	U5EXA	0.0	U7DYB
2F	B130	G90X120	3.98	1.108E-04	U5EXA	1.427E-04	U5EXA	0.0	U7DYB
2F	B130	G90X120	4.47	1.467E-04	U5EXA	1.279E-04	U7EXA	0.0	U7DYB
2F	B130	G90X120	4.96	2.825E-04	U5EXA	1.114E-04	U7EXA	0.0	U7DYB
2F	B130	G90X120	5.45	4.442E-04	U5EXA	2.218E-04	U5EXA	0.0	U7DYB
2F	B131	G90X120	0.55	4.350E-04	U5EXA	2.172E-04	U5EXA	0.0	U7DYB
2F	B131	G90X120	1.04	2.751E-04	U5EXA	1.151E-04	U7EXA	0.0	U7DYB
2F	B131	G90X120	1.53	1.411E-04	U5EXA	1.308E-04	U7EXA	0.0	U7DYB
2F	B131	G90X120	2.02	1.112E-04	U5EXA	1.476E-04	U5EXA	0.0	U7DYB
2F	B131	G90X120	2.51	1.112E-04	U5EXA	1.398E-04	U5EXA	0.0	U7DYB

2F	B131	G90X120	3.00	1.112E-04	U5EXA	1.195E-04	U1	0.0	U7DYB
2F	B131	G90X120	3.49	1.112E-04	U5EXA	1.377E-04	U5EXA	0.0	U7DYB
2F	B131	G90X120	3.98	1.112E-04	U5EXA	1.434E-04	U5EXA	0.0	U7DYB
2F	B131	G90X120	4.47	1.475E-04	U5EXA	1.282E-04	U7EXA	0.0	U7DYB
2F	B131	G90X120	4.96	2.836E-04	U5EXA	1.117E-04	U7EXA	0.0	U7DYB
2F	B131	G90X120	5.45	4.456E-04	U5EXA	2.225E-04	U5EXA	0.0	U7DYB
2F	B132	G90X120	0.55	4.357E-04	U5EXA	2.176E-04	U5EXA	0.0	U7DYB
2F	B132	G90X120	1.04	2.756E-04	U5EXA	1.161E-04	U7EXA	0.0	U7DYB
2F	B132	G90X120	1.53	1.415E-04	U5EXA	1.315E-04	U7EXA	0.0	U7DYB
2F	B132	G90X120	2.02	1.114E-04	U5EXA	1.480E-04	U5EXA	0.0	U7DYB
2F	B132	G90X120	2.51	1.114E-04	U5EXA	1.400E-04	U5EXA	0.0	U7DYB
2F	B132	G90X120	3.00	1.114E-04	U5EXA	1.196E-04	U1	0.0	U7DYB
2F	B132	G90X120	3.49	1.114E-04	U5EXA	1.382E-04	U5EXA	0.0	U7DYB
2F	B132	G90X120	3.98	1.114E-04	U5EXA	1.441E-04	U5EXA	0.0	U7DYB
2F	B132	G90X120	4.47	1.480E-04	U5EXA	1.286E-04	U7EXA	0.0	U7DYB
2F	B132	G90X120	4.96	2.843E-04	U5EXA	1.122E-04	U7EXA	0.0	U7DYB
2F	B132	G90X120	5.45	4.464E-04	U5EXA	2.229E-04	U5EXA	0.0	U7DYB
2F	B133	G90X120	0.55	4.372E-04	U5EXA	2.184E-04	U5EXA	0.0	U7DYB
2F	B133	G90X120	1.04	2.768E-04	U5EXA	1.167E-04	U7EXA	0.0	U7DYB
2F	B133	G90X120	1.53	1.423E-04	U5EXA	1.319E-04	U7EXA	0.0	U7DYB
2F	B133	G90X120	2.02	1.115E-04	U5EXA	1.479E-04	U5EXA	0.0	U7DYB
2F	B133	G90X120	2.51	1.115E-04	U5EXA	1.399E-04	U5EXA	0.0	U7DYB
2F	B133	G90X120	3.00	1.115E-04	U5EXA	1.195E-04	U1	0.0	U7DYB
2F	B133	G90X120	3.49	1.115E-04	U5EXA	1.386E-04	U5EXA	0.0	U7DYB
2F	B133	G90X120	3.98	1.115E-04	U5EXA	1.448E-04	U5EXA	0.0	U7DYB
2F	B133	G90X120	4.47	1.483E-04	U5EXA	1.293E-04	U7EXA	0.0	U7DYB
2F	B133	G90X120	4.96	2.846E-04	U5EXA	1.130E-04	U7EXA	0.0	U7DYB
2F	B133	G90X120	5.45	4.468E-04	U5EXA	2.231E-04	U5EXA	0.0	U7DYB
2F	B134	G90X120	0.55	4.398E-04	U5EXA	2.196E-04	U5EXA	0.0	U7DYB
2F	B134	G90X120	1.04	2.789E-04	U5EXA	1.174E-04	U7EXA	0.0	U7DYB
2F	B134	G90X120	1.53	1.438E-04	U5EXA	1.324E-04	U7EXA	0.0	U7DYB
2F	B134	G90X120	2.02	1.118E-04	U5EXA	1.476E-04	U5EXA	0.0	U7DYB
2F	B134	G90X120	2.51	1.118E-04	U5EXA	1.395E-04	U5EXA	0.0	U7DYB
2F	B134	G90X120	3.00	1.118E-04	U5EXA	1.194E-04	U1	0.0	U7DYB
2F	B134	G90X120	3.49	1.118E-04	U5EXA	1.393E-04	U5EXA	0.0	U7DYB
2F	B134	G90X120	3.98	1.118E-04	U5EXA	1.460E-04	U5EXA	0.0	U7DYB
2F	B134	G90X120	4.47	1.491E-04	U5EXA	1.305E-04	U7EXA	0.0	U7DYB
2F	B134	G90X120	4.96	2.855E-04	U5EXA	1.146E-04	U7EXA	0.0	U7DYB
2F	B134	G90X120	5.45	4.479E-04	U5EXA	2.236E-04	U5EXA	0.0	U7DYB
2F	B135	G90X120	0.55	4.434E-04	U5EXA	2.214E-04	U5EXA	0.0	U7DYB
2F	B135	G90X120	1.04	2.818E-04	U5EXA	1.187E-04	U7EXA	0.0	U7DYB
2F	B135	G90X120	1.53	1.461E-04	U5EXA	1.331E-04	U7EXA	0.0	U7DYB
2F	B135	G90X120	2.02	1.124E-04	U5EXA	1.472E-04	U5EXA	0.0	U7DYB
2F	B135	G90X120	2.51	1.124E-04	U5EXA	1.388E-04	U5EXA	0.0	U7DYB
2F	B135	G90X120	3.00	1.124E-04	U5EXA	1.188E-04	U1	0.0	U7DYB
2F	B135	G90X120	3.49	1.124E-04	U5EXA	1.396E-04	U5EXA	0.0	U7DYB
2F	B135	G90X120	3.98	1.124E-04	U5EXA	1.470E-04	U5EXA	0.0	U7DYB
2F	B135	G90X120	4.47	1.510E-04	U5EXA	1.319E-04	U7EXA	0.0	U7DYB
2F	B135	G90X120	4.96	2.877E-04	U5EXA	1.165E-04	U7EXA	0.0	U7DYB
2F	B135	G90X120	5.45	4.503E-04	U5EXA	2.249E-04	U5EXA	0.0	U7DYB
2F	B136	G90X120	0.55	4.505E-04	U5EXA	2.250E-04	U5EXA	4.930E-03	U7DYA
2F	B136	G90X120	1.04	2.882E-04	U5EXA	1.229E-04	U7EXA	4.930E-03	U7DYA
2F	B136	G90X120	1.53	1.519E-04	U5EXA	1.360E-04	U7EXA	4.930E-03	U7DYA
2F	B136	G90X120	2.02	1.145E-04	U5EXA	1.473E-04	U5EXA	4.930E-03	U7DYA
2F	B136	G90X120	2.51	1.145E-04	U5EXA	1.377E-04	U5EXA	4.930E-03	U7DYA
2F	B136	G90X120	3.00	1.145E-04	U5EXA	1.159E-04	U1	4.930E-03	U7DYA
2F	B136	G90X120	3.49	1.145E-04	U5EXA	1.363E-04	U5EXA	4.930E-03	U7DYA
2F	B136	G90X120	3.98	1.145E-04	U5EXA	1.443E-04	U5EXA	4.930E-03	U7DYA
2F	B136	G90X120	4.47	1.569E-04	U5EXA	1.309E-04	U7EXA	4.930E-03	U7DYA
2F	B136	G90X120	4.96	2.948E-04	U5EXA	1.160E-04	U7EXA	4.930E-03	U7DYA

2F	B136	G90X120	5.45	4.587E-04	U5EXA	2.291E-04	U5EXA	4.930E-03	U7DYA
2F	B137	G90X120	0.55	4.481E-04	U5EXA	2.238E-04	U5EXA	4.930E-03	U5DYA
2F	B137	G90X120	1.05	2.758E-04	U5EXA	1.597E-04	U7EXA	4.930E-03	U5DYA
2F	B137	G90X120	1.55	1.306E-04	U5EXA	1.273E-04	U7EXA	4.930E-03	U5DYA
2F	B137	G90X120	2.05	1.237E-04	U5EXA	1.237E-04	U5EXA	4.930E-03	U5DYA
2F	B137	G90X120	2.55	1.237E-04	U5EXA	1.237E-04	U5EXA	4.930E-03	U5DYA
2F	B137	G90X120	3.05	1.237E-04	U5EXA	1.446E-04	U5EXA	4.930E-03	U5DYA
2F	B137	G90X120	3.55	1.849E-04	U7EXA	1.832E-04	U5EXA	4.930E-03	U5DYA
2F	B137	G90X120	4.05	3.257E-04	U5EXA	2.118E-04	U7EXA	4.930E-03	U5DYA
2F	B137	G90X120	4.55	4.959E-04	U5EXA	2.476E-04	U5EXA	4.930E-03	U5DYA
2F	B138	G90X120	0.55	8.135E-04	U2	4.058E-04	U2	0.0	U7DYB
2F	B138	G90X120	1.03	5.983E-04	U2	2.027E-04	U2	0.0	U7DYB
2F	B138	G90X120	1.52	4.077E-04	U2	2.027E-04	U2	0.0	U7DYB
2F	B138	G90X120	2.00	2.415E-04	U2	2.027E-04	U2	0.0	U7DYB
2F	B138	G90X120	2.48	2.027E-04	U2	2.027E-04	U2	0.0	U7DYB
2F	B138	G90X120	2.97	2.027E-04	U2	2.027E-04	U2	0.0	U7DYB
2F	B138	G90X120	3.45	2.027E-04	U2	2.027E-04	U2	0.0	U7DYB
2F	B138	G90X120	3.93	2.027E-04	U2	2.027E-04	U2	0.0	U7DYB
2F	B138	G90X120	4.42	2.027E-04	U2	2.278E-04	U2	0.0	U7DYB
2F	B138	G90X120	4.90	2.027E-04	U2	2.497E-04	U2	0.0	U7DYB
2F	B138	G90X120	5.38	2.027E-04	U2	2.476E-04	U2	0.0	U7DYB
2F	B138	G90X120	5.87	2.027E-04	U2	2.215E-04	U2	0.0	U7DYB
2F	B138	G90X120	6.35	3.215E-04	U5EXA	1.714E-04	U2	0.0	U7DYB
2F	B139	G90X120	0.55	6.868E-04	U5DXA	3.428E-04	U5DXA	0.0	U7DYB
2F	B139	G90X120	1.04	4.702E-04	U5DXA	1.825E-04	U5DXA	0.0	U7DYB
2F	B139	G90X120	1.54	2.802E-04	U5DXA	1.825E-04	U5DXA	0.0	U7DYB
2F	B139	G90X120	2.03	1.825E-04	U5DXA	1.825E-04	U5DXA	0.0	U7DYB
2F	B139	G90X120	2.53	1.825E-04	U5DXA	1.825E-04	U5DXA	0.0	U7DYB
2F	B139	G90X120	3.02	1.825E-04	U5DXA	2.529E-04	U2	0.0	U7DYB
2F	B139	G90X120	3.51	1.825E-04	U5DXA	3.253E-04	U2	0.0	U7DYB
2F	B139	G90X120	4.01	1.825E-04	U5DXA	3.727E-04	U2	0.0	U7DYB
2F	B139	G90X120	4.50	1.825E-04	U5DXA	3.951E-04	U2	0.0	U7DYB
2F	B139	G90X120	4.99	1.825E-04	U5DXA	3.923E-04	U2	0.0	U7DYB
2F	B139	G90X120	5.49	1.825E-04	U5DXA	3.644E-04	U2	0.0	U7DYB
2F	B139	G90X120	5.98	1.825E-04	U5DXA	3.115E-04	U2	0.0	U7DYB
2F	B139	G90X120	6.48	1.825E-04	U5DXA	2.335E-04	U2	0.0	U7DYB
2F	B139	G90X120	6.97	1.825E-04	U5DXA	1.825E-04	U5DXA	0.0	U7DYB
2F	B139	G90X120	7.46	3.204E-04	U5DXA	1.825E-04	U5DXA	0.0	U7DYB
2F	B139	G90X120	7.96	5.130E-04	U5DXA	1.825E-04	U5DXA	0.0	U7DYB
2F	B139	G90X120	8.45	7.321E-04	U5DXA	3.653E-04	U5DXA	0.0	U7DYB
2F	B140	G60X80	0.55	8.769E-04	U5EYA	4.361E-04	U5EYA	0.0	U7DYB
2F	B140	G60X80	1.03	5.143E-04	U5EYA	3.306E-04	U2	0.0	U7DYB
2F	B140	G60X80	1.50	3.306E-04	U2	3.306E-04	U2	0.0	U7DYB
2F	B140	G60X80	1.98	3.306E-04	U2	3.306E-04	U2	0.0	U7DYB
2F	B140	G60X80	2.45	3.306E-04	U2	4.610E-04	U2	0.0	U7DYB
2F	B140	G60X80	2.93	3.306E-04	U2	5.235E-04	U2	0.0	U7DYB
2F	B140	G60X80	3.40	3.306E-04	U2	4.949E-04	U2	0.0	U7DYB
2F	B140	G60X80	3.88	3.306E-04	U2	4.322E-04	U5DXB	0.0	U7DYB
2F	B140	G60X80	4.35	3.306E-04	U2	3.306E-04	U2	0.0	U7DYB
2F	B140	G60X80	4.83	3.306E-04	U2	3.306E-04	U2	0.0	U7DYB
2F	B140	G60X80	5.30	4.761E-04	U2	3.306E-04	U2	0.0	U7DYB
2F	B140	G60X80	5.78	8.850E-04	U2	3.306E-04	U2	0.0	U7DYB
2F	B140	G60X80	6.25	1.339E-03	U2	6.639E-04	U2	0.0	U7DYB
2F	B141	G60X80	0.45	2.140E-04	U5DXA	1.069E-04	U5DXA	0.0	U7DYB
2F	B141	G60X80	0.89	1.117E-04	U5DXA	1.030E-04	U2	0.0	U7DYB
2F	B141	G60X80	1.34	1.030E-04	U2	1.030E-04	U2	0.0	U7DYB
2F	B141	G60X80	1.78	1.030E-04	U2	1.071E-04	U5DXA	0.0	U7DYB
2F	B141	G60X80	2.22	1.030E-04	U2	1.030E-04	U2	0.0	U7DYB
2F	B141	G60X80	2.66	1.030E-04	U2	1.030E-04	U2	0.0	U7DYB
2F	B141	G60X80	3.11	1.030E-04	U2	1.030E-04	U2	0.0	U7DYB

2F	B141	G60X80	3.55	1.258E-04	U2	1.030E-04	U2	0.0	U7DYB
2F	B141	G60X80	3.55	3.207E-04	U5DXB	1.030E-04	U2	0.0	U7DYB
2F	B141	G60X80	4.03	1.612E-04	U2	1.030E-04	U2	0.0	U7DYB
2F	B141	G60X80	4.51	1.030E-04	U2	1.030E-04	U2	0.0	U7DYB
2F	B141	G60X80	4.99	1.030E-04	U2	1.030E-04	U2	0.0	U7DYB
2F	B141	G60X80	5.47	1.030E-04	U2	1.675E-04	U5DXA	0.0	U7DYB
2F	B141	G60X80	5.95	1.030E-04	U2	1.990E-04	U5DXA	0.0	U7DYB
2F	B141	G60X80	6.43	1.030E-04	U2	1.906E-04	U5DXA	0.0	U7DYB
2F	B141	G60X80	6.91	1.030E-04	U2	1.425E-04	U5DXA	0.0	U7DYB
2F	B141	G60X80	7.39	1.030E-04	U2	1.030E-04	U2	0.0	U7DYB
2F	B141	G60X80	7.87	2.244E-04	U2	1.030E-04	U2	0.0	U7DYB
2F	B141	G60X80	8.35	4.137E-04	U2	2.063E-04	U2	0.0	U7DYB

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 9:39 PAGE 2

C O N C R E T E B E A M D E S I G N O U T P U T (ACI 318-08/IBC 2009)

TORSION AND SHEAR DESIGN OF BEAM-TYPE ELEMENTS

STORY ID	BEAM BAY	SECTION ID	STATION	<---------REQUIRED REINFORCING---------> TORSION	COMBO	SHEAR	COMBO
RF	B1	RGB90X120	0.60	7.857E-04	U5DYA	3.831E-04	U5EYA
RF	B1	RGB90X120	1.08	7.857E-04	U5DYA	2.816E-04	U5EYA
RF	B1	RGB90X120	1.56	7.857E-04	U5DYA	2.711E-04	U5DYB
RF	B1	RGB90X120	2.04	7.857E-04	U5DYA	2.668E-04	U5DYB
RF	B1	RGB90X120	2.52	7.857E-04	U5DYA	2.646E-04	U5DYB
RF	B1	RGB90X120	3.00	7.857E-04	U5DYA	3.241E-04	U5EYA
RF	B1	RGB90X120	3.00	7.805E-04	U5DYA	3.449E-04	U5EYA
RF	B1	RGB90X120	3.49	7.805E-04	U5DYA	2.743E-04	U5DYB
RF	B1	RGB90X120	3.98	7.805E-04	U5DYA	2.716E-04	U5DYB
RF	B1	RGB90X120	4.47	7.805E-04	U5DYA	2.672E-04	U5DYB
RF	B1	RGB90X120	4.96	7.805E-04	U5DYA	2.663E-04	U5DYB
RF	B1	RGB90X120	5.45	7.805E-04	U5DYA	3.563E-04	U5EYA
RF	B2	RGB90X120	0.55	3.653E-04	U5DYA	3.326E-04	U5EXA
RF	B2	RGB90X120	1.04	3.653E-04	U5DYA	2.305E-04	U5EXA
RF	B2	RGB90X120	1.53	3.653E-04	U5DYA	1.776E-04	U5DYB
RF	B2	RGB90X120	2.02	3.653E-04	U5DYA	1.732E-04	U5DYB
RF	B2	RGB90X120	2.51	3.653E-04	U5DYA	2.149E-04	U5EXA
RF	B2	RGB90X120	3.00	3.653E-04	U5DYA	2.991E-04	U5EXA
RF	B2	RGB90X120	3.00	3.607E-04	U5DYA	2.835E-04	U5EXA
RF	B2	RGB90X120	3.49	3.607E-04	U5DYA	1.993E-04	U5EXA
RF	B2	RGB90X120	3.98	3.607E-04	U5DYA	1.797E-04	U5DYB
RF	B2	RGB90X120	4.47	3.607E-04	U5DYA	1.752E-04	U5DYB
RF	B2	RGB90X120	4.96	3.607E-04	U5DYA	2.366E-04	U5EXA
RF	B2	RGB90X120	5.45	3.607E-04	U5DYA	3.387E-04	U5EXA
RF	B3	RGB90X120	0.55	2.157E-04	U5DYA	3.327E-04	U5EXA
RF	B3	RGB90X120	1.04	2.157E-04	U5DYA	2.306E-04	U5EXA
RF	B3	RGB90X120	1.53	2.157E-04	U5DYA	1.487E-04	U5DYB
RF	B3	RGB90X120	2.02	2.157E-04	U5DYA	1.532E-04	U5DYB
RF	B3	RGB90X120	2.51	2.157E-04	U5DYA	2.334E-04	U5EXA
RF	B3	RGB90X120	3.00	2.157E-04	U5DYA	3.176E-04	U5EXA
RF	B3	RGB90X120	3.00	0.0	U7DYB	2.759E-04	U5EXA
RF	B3	RGB90X120	3.49	0.0	U7DYB	1.917E-04	U5EXA
RF	B3	RGB90X120	3.98	0.0	U7DYB	1.473E-04	U5DYB
RF	B3	RGB90X120	4.47	0.0	U7DYB	1.518E-04	U5DYB
RF	B3	RGB90X120	4.96	0.0	U7DYB	2.667E-04	U5EXA
RF	B3	RGB90X120	5.45	0.0	U7DYB	3.689E-04	U5EXA
RF	B4	RGB90X120	0.55	0.0	U7DYB	3.449E-04	U5EXA
RF	B4	RGB90X120	1.04	0.0	U7DYB	2.428E-04	U5EXA
RF	B4	RGB90X120	1.53	0.0	U7DYB	1.358E-04	U5DYB

RF	B4 RGB90X120	2.02	0.0	U7DYB	1.403E-04	U5DYB
RF	B4 RGB90X120	2.51	0.0	U7DYB	2.272E-04	U5EXA
RF	B4 RGB90X120	3.00	0.0	U7DYB	3.114E-04	U5EXA
RF	B4 RGB90X120	3.00	0.0	U7DYB	2.844E-04	U5EXA
RF	B4 RGB90X120	3.49	0.0	U7DYB	2.002E-04	U5EXA
RF	B4 RGB90X120	3.98	0.0	U7DYB	1.372E-04	U5DYB
RF	B4 RGB90X120	4.47	0.0	U7DYB	1.417E-04	U5DYB
RF	B4 RGB90X120	4.96	0.0	U7DYB	2.667E-04	U5EXA
RF	B4 RGB90X120	5.45	0.0	U7DYB	3.688E-04	U5EXA
RF	B5 RGB90X120	0.55	0.0	U7DYB	3.535E-04	U5EXA
RF	B5 RGB90X120	1.04	0.0	U7DYB	2.513E-04	U5EXA
RF	B5 RGB90X120	1.53	0.0	U7DYB	1.372E-04	U5DYB
RF	B5 RGB90X120	2.02	0.0	U7DYB	1.363E-04	U5DYB
RF	B5 RGB90X120	2.51	0.0	U7DYB	2.202E-04	U5EXA
RF	B5 RGB90X120	3.00	0.0	U7DYB	3.043E-04	U5EXA
RF	B5 RGB90X120	3.00	0.0	U7DYB	2.923E-04	U5EXA
RF	B5 RGB90X120	3.49	0.0	U7DYB	2.081E-04	U5EXA
RF	B5 RGB90X120	3.98	0.0	U7DYB	1.352E-04	U5DYB
RF	B5 RGB90X120	4.47	0.0	U7DYB	1.383E-04	U5DYB
RF	B5 RGB90X120	4.96	0.0	U7DYB	2.619E-04	U5EXA
RF	B5 RGB90X120	5.45	0.0	U7DYB	3.640E-04	U5EXA
RF	B6 RGB90X120	0.55	0.0	U7DYB	3.541E-04	U5EXA
RF	B6 RGB90X120	1.04	0.0	U7DYB	2.520E-04	U5EXA
RF	B6 RGB90X120	1.53	0.0	U7DYB	1.363E-04	U5DYB
RF	B6 RGB90X120	2.02	0.0	U7DYB	1.360E-04	U5DYB
RF	B6 RGB90X120	2.51	0.0	U7DYB	2.195E-04	U5EXA
RF	B6 RGB90X120	3.00	0.0	U7DYB	3.037E-04	U5EXA
RF	B6 RGB90X120	3.00	0.0	U7DYB	2.941E-04	U5EXA
RF	B6 RGB90X120	3.49	0.0	U7DYB	2.099E-04	U5EXA
RF	B6 RGB90X120	3.98	0.0	U7DYB	1.349E-04	U5DYB
RF	B6 RGB90X120	4.47	0.0	U7DYB	1.373E-04	U5DYB
RF	B6 RGB90X120	4.96	0.0	U7DYB	2.610E-04	U5EXA
RF	B6 RGB90X120	5.45	0.0	U7DYB	3.632E-04	U5EXA
RF	B7 RGB90X120	0.55	0.0	U7DYB	3.549E-04	U5EXA
RF	B7 RGB90X120	1.04	0.0	U7DYB	2.528E-04	U5EXA
RF	B7 RGB90X120	1.53	0.0	U7DYB	1.360E-04	U5DYB
RF	B7 RGB90X120	2.02	0.0	U7DYB	1.354E-04	U5DYB
RF	B7 RGB90X120	2.51	0.0	U7DYB	2.182E-04	U5EXA
RF	B7 RGB90X120	3.00	0.0	U7DYB	3.024E-04	U5EXA
RF	B7 RGB90X120	3.00	0.0	U7DYB	2.951E-04	U5EXA
RF	B7 RGB90X120	3.49	0.0	U7DYB	2.109E-04	U5EXA
RF	B7 RGB90X120	3.98	0.0	U7DYB	1.348E-04	U5DYB
RF	B7 RGB90X120	4.47	0.0	U7DYB	1.366E-04	U5DYB
RF	B7 RGB90X120	4.96	0.0	U7DYB	2.599E-04	U5EXA
RF	B7 RGB90X120	5.45	0.0	U7DYB	3.621E-04	U5EXA
RF	B8 RGB90X120	0.55	0.0	U7DYB	3.553E-04	U5EXA
RF	B8 RGB90X120	1.04	0.0	U7DYB	2.531E-04	U5EXA
RF	B8 RGB90X120	1.53	0.0	U7DYB	1.354E-04	U5DYB
RF	B8 RGB90X120	2.02	0.0	U7DYB	1.348E-04	U5DYB
RF	B8 RGB90X120	2.51	0.0	U7DYB	2.169E-04	U5EXA
RF	B8 RGB90X120	3.00	0.0	U7DYB	3.011E-04	U5EXA
RF	B8 RGB90X120	3.00	0.0	U7DYB	2.955E-04	U5EXA
RF	B8 RGB90X120	3.49	0.0	U7DYB	2.113E-04	U5EXA
RF	B8 RGB90X120	3.98	0.0	U7DYB	1.343E-04	U5DYB
RF	B8 RGB90X120	4.47	0.0	U7DYB	1.360E-04	U5DYB
RF	B8 RGB90X120	4.96	0.0	U7DYB	2.589E-04	U5EXA
RF	B8 RGB90X120	5.45	0.0	U7DYB	3.610E-04	U5EXA
RF	B9 RGB90X120	0.55	0.0	U7DYB	3.555E-04	U5EXA
RF	B9 RGB90X120	1.04	0.0	U7DYB	2.533E-04	U5EXA
RF	B9 RGB90X120	1.53	0.0	U7DYB	1.347E-04	U5DYB

RF	B9 RGB90X120	2.02	0.0	U7DYB	1.340E-04	U5DYB
RF	B9 RGB90X120	2.51	0.0	U7DYB	2.150E-04	U5EXA
RF	B9 RGB90X120	3.00	0.0	U7DYB	2.992E-04	U5EXA
RF	B9 RGB90X120	3.00	0.0	U7DYB	2.954E-04	U5EXA
RF	B9 RGB90X120	3.49	0.0	U7DYB	2.112E-04	U5EXA
RF	B9 RGB90X120	3.98	0.0	U7DYB	1.335E-04	U5DYB
RF	B9 RGB90X120	4.47	0.0	U7DYB	1.352E-04	U5DYB
RF	B9 RGB90X120	4.96	0.0	U7DYB	2.574E-04	U5EXA
RF	B9 RGB90X120	5.45	0.0	U7DYB	3.596E-04	U5EXA
RF	B10 RGB90X120	0.55	2.336E-04	U5DYA	3.565E-04	U5EXA
RF	B10 RGB90X120	1.04	2.336E-04	U5DYA	2.543E-04	U5EXA
RF	B10 RGB90X120	1.53	2.336E-04	U5DYA	1.331E-04	U5DYB
RF	B10 RGB90X120	2.02	2.336E-04	U5DYA	1.317E-04	U5DYB
RF	B10 RGB90X120	2.51	2.336E-04	U5DYA	2.108E-04	U5EXA
RF	B10 RGB90X120	3.00	2.336E-04	U5DYA	2.950E-04	U5EXA
RF	B10 RGB90X120	3.00	2.378E-04	U5DYA	2.962E-04	U5EXA
RF	B10 RGB90X120	3.49	2.378E-04	U5DYA	2.120E-04	U5EXA
RF	B10 RGB90X120	3.98	2.378E-04	U5DYA	1.317E-04	U5DYB
RF	B10 RGB90X120	4.47	2.378E-04	U5DYA	1.330E-04	U5DYB
RF	B10 RGB90X120	4.96	2.378E-04	U5DYA	2.537E-04	U5EXA
RF	B10 RGB90X120	5.45	2.378E-04	U5DYA	3.559E-04	U5EXA
RF	B11 RGB90X120	0.55	3.794E-04	U5DYA	3.604E-04	U5EXA
RF	B11 RGB90X120	1.04	3.794E-04	U5DYA	2.582E-04	U5EXA
RF	B11 RGB90X120	1.53	3.794E-04	U5DYA	1.289E-04	U5DYB
RF	B11 RGB90X120	2.02	3.794E-04	U5DYA	1.263E-04	U5DYB
RF	B11 RGB90X120	2.51	3.794E-04	U5DYA	2.004E-04	U5EXA
RF	B11 RGB90X120	3.00	3.794E-04	U5DYA	2.846E-04	U5EXA
RF	B11 RGB90X120	3.00	3.841E-04	U5DYA	3.039E-04	U5EXA
RF	B11 RGB90X120	3.49	3.841E-04	U5DYA	2.197E-04	U5EXA
RF	B11 RGB90X120	3.98	3.841E-04	U5DYA	1.272E-04	U5DYB
RF	B11 RGB90X120	4.47	3.841E-04	U5DYA	1.280E-04	U5DYB
RF	B11 RGB90X120	4.96	3.841E-04	U5DYA	2.384E-04	U5EXA
RF	B11 RGB90X120	5.45	3.841E-04	U5DYA	3.405E-04	U5EXA
RF	B12 RGB90X120	0.55	3.912E-04	U5DYA	3.123E-04	U5EXA
RF	B12 RGB90X120	1.05	3.912E-04	U5DYA	2.079E-04	U5EXA
RF	B12 RGB90X120	1.55	3.912E-04	U5DYA	1.771E-04	U5DYB
RF	B12 RGB90X120	2.05	3.912E-04	U5DYA	1.743E-04	U5DYB
RF	B12 RGB90X120	2.55	3.912E-04	U5DYA	2.434E-04	U5EXA
RF	B12 RGB90X120	2.55	3.958E-04	U5DYA	2.464E-04	U5EXA
RF	B12 RGB90X120	3.05	3.958E-04	U5DYA	1.766E-04	U5DYB
RF	B12 RGB90X120	3.55	3.958E-04	U5DYA	1.738E-04	U5DYB
RF	B12 RGB90X120	4.05	3.958E-04	U5DYA	2.097E-04	U5EXA
RF	B12 RGB90X120	4.55	3.958E-04	U5DYA	3.141E-04	U5EXA
RF	B13 RGB90X120	0.55	3.132E-04	U5DYA	3.824E-04	U5EXA
RF	B13 RGB90X120	1.03	3.132E-04	U5DYA	2.817E-04	U5EXA
RF	B13 RGB90X120	1.52	3.132E-04	U5DYA	1.886E-04	U5DYB
RF	B13 RGB90X120	2.00	3.132E-04	U5DYA	1.829E-04	U5DYB
RF	B13 RGB90X120	2.48	3.132E-04	U5DYA	1.785E-04	U5DYB
RF	B13 RGB90X120	2.97	3.132E-04	U5DYA	2.567E-04	U5EXA
RF	B13 RGB90X120	3.45	3.132E-04	U5DYA	3.396E-04	U5EXA
RF	B13 RGB90X120	3.45	3.073E-04	U5DYA	3.050E-04	U5EXA
RF	B13 RGB90X120	3.93	3.073E-04	U5DYA	2.221E-04	U5EXA
RF	B13 RGB90X120	4.42	3.073E-04	U5DYA	1.876E-04	U5DYB
RF	B13 RGB90X120	4.90	3.073E-04	U5DYA	1.833E-04	U5DYB
RF	B13 RGB90X120	5.38	3.073E-04	U5DYA	1.783E-04	U5DYB
RF	B13 RGB90X120	5.87	3.073E-04	U5DYA	3.231E-04	U5EXA
RF	B13 RGB90X120	6.35	3.073E-04	U5DYA	4.253E-04	U5EXB
RF	B14 RGB90X120	0.55	4.447E-04	U5DYA	3.523E-04	U5EYA
RF	B14 RGB90X120	1.04	4.447E-04	U5DYA	2.501E-04	U5EYA
RF	B14 RGB90X120	1.53	4.447E-04	U5DYA	1.660E-04	U5DYB

RF	B14	RGB90X120	2.02	4.447E-04	U5DYA	1.705E-04	U5DYB
RF	B14	RGB90X120	2.51	4.447E-04	U5DYA	1.905E-04	U5EYA
RF	B14	RGB90X120	3.00	4.447E-04	U5DYA	2.747E-04	U5EYA
RF	B14	RGB90X120	3.00	4.483E-04	U5DYA	3.543E-04	U5EYB
RF	B14	RGB90X120	3.50	4.483E-04	U5DYA	2.606E-04	U5EYB
RF	B14	RGB90X120	4.00	4.483E-04	U5DYA	1.677E-04	U5DYB
RF	B14	RGB90X120	4.50	4.483E-04	U5DYA	1.644E-04	U5DYB
RF	B14	RGB90X120	5.00	4.483E-04	U5DYA	1.690E-04	U5DYB
RF	B14	RGB90X120	5.50	4.483E-04	U5DYA	2.314E-04	U5EYB
RF	B14	RGB90X120	6.00	4.483E-04	U5DYA	3.251E-04	U5EYB
RF	B14	RGB90X120	6.00	4.522E-04	U5DYA	3.499E-04	U5EYA
RF	B14	RGB90X120	6.49	4.522E-04	U5DYA	2.657E-04	U5EYA
RF	B14	RGB90X120	6.98	4.522E-04	U5DYA	1.651E-04	U5DYB
RF	B14	RGB90X120	7.47	4.522E-04	U5DYA	1.668E-04	U5DYB
RF	B14	RGB90X120	7.96	4.522E-04	U5DYA	1.714E-04	U5DYB
RF	B14	RGB90X120	8.45	4.522E-04	U5DYA	2.713E-04	U5EYA

RF	B17	G90X120	0.60	0.0	U7DYB	1.195E-03	U5EYB
RF	B17	G90X120	1.08	0.0	U7DYB	1.083E-03	U5EYB
RF	B17	G90X120	1.57	0.0	U7DYB	9.554E-04	U5EYB
RF	B17	G90X120	2.05	0.0	U7DYB	8.213E-04	U5EYB
RF	B17	G90X120	2.54	0.0	U7DYB	5.139E-04	U7EYB
RF	B17	G90X120	3.02	0.0	U7DYB	4.988E-04	U5DYB
RF	B17	G90X120	3.51	0.0	U7DYB	4.934E-04	U5DYB
RF	B17	G90X120	3.99	0.0	U7DYB	4.880E-04	U5DYB
RF	B17	G90X120	4.47	0.0	U7DYB	4.826E-04	U5DYB
RF	B17	G90X120	4.96	0.0	U7DYB	4.814E-04	U5DYB
RF	B17	G90X120	5.44	0.0	U7DYB	4.868E-04	U5DYB
RF	B17	G90X120	5.93	0.0	U7DYB	4.922E-04	U5DYB
RF	B17	G90X120	6.41	0.0	U7DYB	4.976E-04	U5DYB
RF	B17	G90X120	6.89	0.0	U7DYB	5.030E-04	U5DYB
RF	B17	G90X120	7.38	0.0	U7DYB	5.083E-04	U5DYB
RF	B17	G90X120	7.86	0.0	U7DYB	8.122E-04	U5EYB
RF	B17	G90X120	8.35	0.0	U7DYB	9.463E-04	U5EYB
RF	B17	G90X120	8.83	0.0	U7DYB	1.080E-03	U5EYB
RF	B17	G90X120	9.32	0.0	U7DYB	1.215E-03	U5EYB
RF	B17	G90X120	9.80	0.0	U7DYB	1.349E-03	U5EYB

RF	B24	G90X120	0.60	0.0	U7DYB	2.630E-03	U5EYB
RF	B24	G90X120	1.09	0.0	U7DYB	2.516E-03	U5EYB
RF	B24	G90X120	1.59	0.0	U7DYB	2.385E-03	U5EYB
RF	B24	G90X120	2.08	0.0	U7DYB	2.247E-03	U5EYB
RF	B24	G90X120	2.58	0.0	U7DYB	2.110E-03	U5EYB
RF	B24	G90X120	3.07	0.0	U7DYB	1.973E-03	U5EYB
RF	B24	G90X120	3.57	0.0	U7DYB	1.836E-03	U5EYB
RF	B24	G90X120	4.06	0.0	U7DYB	1.699E-03	U5EYB
RF	B24	G90X120	4.56	0.0	U7DYB	1.562E-03	U5EYB
RF	B24	G90X120	5.05	0.0	U7DYB	1.425E-03	U5EYB
RF	B24	G90X120	5.55	0.0	U7DYB	8.340E-04	U5DYB
RF	B24	G90X120	6.04	0.0	U7DYB	8.285E-04	U5DYB
RF	B24	G90X120	6.54	0.0	U7DYB	8.230E-04	U5DYB
RF	B24	G90X120	7.03	0.0	U7DYB	8.175E-04	U5DYB
RF	B24	G90X120	7.53	0.0	U7DYB	8.120E-04	U5DYB
RF	B24	G90X120	8.02	0.0	U7DYB	8.065E-04	U5DYB
RF	B24	G90X120	8.52	0.0	U7DYB	8.010E-04	U5DYB
RF	B24	G90X120	9.01	0.0	U7DYB	7.954E-04	U5DYB
RF	B24	G90X120	9.51	0.0	U7DYB	7.899E-04	U5DYB
RF	B24	G90X120	10.00	0.0	U7DYB	7.844E-04	U5DYB
RF	B24	G90X120	10.50	0.0	U7DYB	7.869E-04	U5DYB
RF	B24	G90X120	10.99	0.0	U7DYB	7.924E-04	U5DYB
RF	B24	G90X120	11.49	0.0	U7DYB	7.979E-04	U5DYB
RF	B24	G90X120	11.98	0.0	U7DYB	8.034E-04	U5DYB
RF	B24	G90X120	12.48	0.0	U7DYB	8.089E-04	U5DYB
RF	B24	G90X120	12.97	0.0	U7DYB	8.144E-04	U5DYB
RF	B24	G90X120	13.47	0.0	U7DYB	8.200E-04	U5DYB

RF	B24	G90X120	13.96	0.0	U7DYB	8.255E-04	U5DYB
RF	B24	G90X120	14.46	0.0	U7DYB	8.310E-04	U5DYB
RF	B24	G90X120	14.95	0.0	U7DYB	8.365E-04	U5DYB
RF	B24	G90X120	15.45	0.0	U7DYB	1.461E-03	U5EYB
RF	B24	G90X120	15.94	0.0	U7DYB	1.598E-03	U5EYB
RF	B24	G90X120	16.44	0.0	U7DYB	1.735E-03	U5EYB
RF	B24	G90X120	16.93	0.0	U7DYB	1.873E-03	U5EYB
RF	B24	G90X120	17.43	0.0	U7DYB	2.010E-03	U5EYB
RF	B24	G90X120	17.92	0.0	U7DYB	2.147E-03	U5EYB
RF	B24	G90X120	18.42	0.0	U7DYB	2.284E-03	U5EYB
RF	B24	G90X120	18.91	0.0	U7DYB	2.421E-03	U5EYB
RF	B24	G90X120	19.41	0.0	U7DYB	2.552E-03	U5EYB
RF	B24	G90X120	19.90	0.0	U7DYB	2.666E-03	U5EYB
RF	B25	RB90X110	0.00	0.0	U7DYB	7.137E-04	U5DXB
RF	B25	RB90X110	0.50	0.0	U7DYB	6.450E-04	U5DXB
RF	B25	RB90X110	1.00	0.0	U7DYB	5.447E-04	U5DXB
RF	B25	RB90X110	1.50	0.0	U7DYB	4.127E-04	U5DXB
RF	B25	RB90X110	2.00	0.0	U7DYB	2.648E-04	U5DXB
RF	B25	RB90X110	2.50	0.0	U7DYB	1.170E-04	U5DXB
RF	B25	RB90X110	3.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B25	RB90X110	17.50	0.0	U7DYB	7.751E-05	U5DXB
RF	B25	RB90X110	18.00	0.0	U7DYB	2.253E-04	U5DXB
RF	B25	RB90X110	18.50	0.0	U7DYB	3.732E-04	U5DXB
RF	B25	RB90X110	19.00	0.0	U7DYB	5.210E-04	U5DXB
RF	B25	RB90X110	19.50	0.0	U7DYB	6.530E-04	U5DXB
RF	B25	RB90X110	20.00	0.0	U7DYB	7.534E-04	U5DXB
RF	B25	RB90X110	20.50	0.0	U7DYB	8.220E-04	U5DXB
RF	B26	RGG90X120	0.60	0.0	U7DYB	3.128E-03	U5DYB
RF	B26	RGG90X120	1.10	0.0	U7DYB	3.003E-03	U5DYB
RF	B26	RGG90X120	1.59	0.0	U7DYB	2.844E-03	U5DYB
RF	B26	RGG90X120	2.09	0.0	U7DYB	2.672E-03	U5DYB
RF	B26	RGG90X120	2.58	0.0	U7DYB	2.501E-03	U5DYB
RF	B26	RGG90X120	3.08	0.0	U7DYB	2.329E-03	U5DYB
RF	B26	RGG90X120	3.57	0.0	U7DYB	2.158E-03	U5DYB
RF	B26	RGG90X120	4.07	0.0	U7DYB	1.986E-03	U5DYB

RF	B26	RGG90X120	4.56	0.0	U7DYB	1.306E-03	U7DYB
RF	B26	RGG90X120	5.06	0.0	U7DYB	1.080E-03	U5DYB
RF	B26	RGG90X120	5.56	0.0	U7DYB	1.069E-03	U5DYB
RF	B26	RGG90X120	6.05	0.0	U7DYB	1.058E-03	U5DYB
RF	B26	RGG90X120	6.55	0.0	U7DYB	1.047E-03	U5DYB
RF	B26	RGG90X120	7.04	0.0	U7DYB	1.035E-03	U5DYB
RF	B26	RGG90X120	7.54	0.0	U7DYB	1.024E-03	U5DYB
RF	B26	RGG90X120	8.03	0.0	U7DYB	1.013E-03	U5DYB
RF	B26	RGG90X120	8.53	0.0	U7DYB	1.002E-03	U5DYB
RF	B26	RGG90X120	9.02	0.0	U7DYB	9.914E-04	U5DYB
RF	B26	RGG90X120	9.52	0.0	U7DYB	9.804E-04	U5DYB
RF	B26	RGG90X120	10.01	0.0	U7DYB	9.758E-04	U5DYB
RF	B26	RGG90X120	10.51	0.0	U7DYB	9.868E-04	U5DYB
RF	B26	RGG90X120	11.01	0.0	U7DYB	9.978E-04	U5DYB
RF	B26	RGG90X120	11.50	0.0	U7DYB	1.009E-03	U5DYB
RF	B26	RGG90X120	12.00	0.0	U7DYB	1.020E-03	U5DYB
RF	B26	RGG90X120	12.49	0.0	U7DYB	1.031E-03	U5DYB
RF	B26	RGG90X120	12.99	0.0	U7DYB	1.042E-03	U5DYB
RF	B26	RGG90X120	13.48	0.0	U7DYB	1.053E-03	U5DYB
RF	B26	RGG90X120	13.98	0.0	U7DYB	1.064E-03	U5DYB
RF	B26	RGG90X120	14.47	0.0	U7DYB	1.075E-03	U5DYB
RF	B26	RGG90X120	14.97	0.0	U7DYB	1.336E-03	U7DYB
RF	B26	RGG90X120	15.47	0.0	U7DYB	2.019E-03	U5DYB
RF	B26	RGG90X120	15.96	0.0	U7DYB	2.190E-03	U5DYB
RF	B26	RGG90X120	16.46	0.0	U7DYB	2.362E-03	U5DYB
RF	B26	RGG90X120	16.95	0.0	U7DYB	2.533E-03	U5DYB
RF	B26	RGG90X120	17.45	0.0	U7DYB	2.705E-03	U5DYB
RF	B26	RGG90X120	17.94	0.0	U7DYB	2.876E-03	U5DYB
RF	B26	RGG90X120	18.44	0.0	U7DYB	3.048E-03	U5DYB
RF	B26	RGG90X120	18.93	0.0	U7DYB	3.219E-03	U5DYB
RF	B26	RGG90X120	19.43	0.0	U7DYB	3.377E-03	U5DYB
RF	B26	RGG90X120	19.93	0.0	U7DYB	3.500E-03	U5DYB

RF	B27	RB90X110	0.00	0.0	U7DYB	6.894E-04	U5DYB
RF	B27	RB90X110	0.50	0.0	U7DYB	6.207E-04	U5DYB
RF	B27	RB90X110	1.00	0.0	U7DYB	5.204E-04	U5DYB
RF	B27	RB90X110	1.50	0.0	U7DYB	3.883E-04	U5DYB
RF	B27	RB90X110	2.00	0.0	U7DYB	2.405E-04	U5DYB
RF	B27	RB90X110	2.50	0.0	U7DYB	9.267E-05	U5DYB
RF	B27	RB90X110	3.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB

RF	B27	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B27	RB90X110	17.50	0.0	U7DYB	1.228E-04	U5DYB
RF	B27	RB90X110	18.00	0.0	U7DYB	2.706E-04	U5DYB
RF	B27	RB90X110	18.50	0.0	U7DYB	4.185E-04	U5DYB
RF	B27	RB90X110	19.00	0.0	U7DYB	5.663E-04	U5DYB
RF	B27	RB90X110	19.50	0.0	U7DYB	6.983E-04	U5DYB
RF	B27	RB90X110	20.00	0.0	U7DYB	7.986E-04	U5DYB
RF	B27	RB90X110	20.50	0.0	U7DYB	8.673E-04	U5DYB
RF	B28	RGG90X120	0.60	0.0	U7DYB	3.252E-03	U5DYB
RF	B28	RGG90X120	1.10	0.0	U7DYB	3.127E-03	U5DYB
RF	B28	RGG90X120	1.59	0.0	U7DYB	2.968E-03	U5DYB
RF	B28	RGG90X120	2.09	0.0	U7DYB	2.796E-03	U5DYB
RF	B28	RGG90X120	2.58	0.0	U7DYB	2.625E-03	U5DYB
RF	B28	RGG90X120	3.08	0.0	U7DYB	2.453E-03	U5DYB
RF	B28	RGG90X120	3.57	0.0	U7DYB	2.282E-03	U5DYB
RF	B28	RGG90X120	4.07	0.0	U7DYB	2.111E-03	U5DYB
RF	B28	RGG90X120	4.56	0.0	U7DYB	1.948E-03	U5DYA
RF	B28	RGG90X120	5.06	0.0	U7DYB	1.258E-03	U7DYA
RF	B28	RGG90X120	5.56	0.0	U7DYB	1.092E-03	U5DYB
RF	B28	RGG90X120	6.05	0.0	U7DYB	1.081E-03	U5DYB
RF	B28	RGG90X120	6.55	0.0	U7DYB	1.070E-03	U5DYB
RF	B28	RGG90X120	7.04	0.0	U7DYB	1.059E-03	U5DYB
RF	B28	RGG90X120	7.54	0.0	U7DYB	1.048E-03	U5DYB
RF	B28	RGG90X120	8.03	0.0	U7DYB	1.037E-03	U5DYB
RF	B28	RGG90X120	8.53	0.0	U7DYB	1.026E-03	U5DYB
RF	B28	RGG90X120	9.02	0.0	U7DYB	1.015E-03	U5DYB
RF	B28	RGG90X120	9.52	0.0	U7DYB	1.004E-03	U5DYB
RF	B28	RGG90X120	10.01	0.0	U7DYB	9.928E-04	U5DYB
RF	B28	RGG90X120	10.51	0.0	U7DYB	9.817E-04	U5DYB
RF	B28	RGG90X120	11.01	0.0	U7DYB	9.707E-04	U5DYB
RF	B28	RGG90X120	11.50	0.0	U7DYB	9.597E-04	U5DYB
RF	B28	RGG90X120	12.00	0.0	U7DYB	9.487E-04	U5DYB
RF	B28	RGG90X120	12.49	0.0	U7DYB	9.492E-04	U5DYB
RF	B28	RGG90X120	12.99	0.0	U7DYB	9.602E-04	U5DYB
RF	B28	RGG90X120	13.48	0.0	U7DYB	9.713E-04	U5DYB
RF	B28	RGG90X120	13.98	0.0	U7DYB	9.823E-04	U5DYB
RF	B28	RGG90X120	14.47	0.0	U7DYB	1.246E-03	U7DYA
RF	B28	RGG90X120	14.97	0.0	U7DYB	1.796E-03	U5DYA
RF	B28	RGG90X120	15.47	0.0	U7DYB	1.957E-03	U5DYB
RF	B28	RGG90X120	15.96	0.0	U7DYB	2.128E-03	U5DYB
RF	B28	RGG90X120	16.46	0.0	U7DYB	2.300E-03	U5DYB
RF	B28	RGG90X120	16.95	0.0	U7DYB	2.471E-03	U5DYB
RF	B28	RGG90X120	17.45	0.0	U7DYB	2.642E-03	U5DYB
RF	B28	RGG90X120	17.94	0.0	U7DYB	2.814E-03	U5DYB
RF	B28	RGG90X120	18.44	0.0	U7DYB	2.985E-03	U5DYB
RF	B28	RGG90X120	18.93	0.0	U7DYB	3.157E-03	U5DYB
RF	B28	RGG90X120	19.43	0.0	U7DYB	3.315E-03	U5DYB
RF	B28	RGG90X120	19.93	0.0	U7DYB	3.438E-03	U5DYB
RF	B29	RB90X110	0.00	0.0	U7DYB	6.690E-04	U5DYB
RF	B29	RB90X110	0.50	0.0	U7DYB	6.003E-04	U5DYB
RF	B29	RB90X110	1.00	0.0	U7DYB	5.000E-04	U5DYB
RF	B29	RB90X110	1.50	0.0	U7DYB	3.680E-04	U5DYB
RF	B29	RB90X110	2.00	0.0	U7DYB	2.201E-04	U5DYB
RF	B29	RB90X110	2.50	0.0	U7DYB	7.230E-05	U5DYB
RF	B29	RB90X110	3.00	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB

RF	B29	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B29	RB90X110	17.00	0.0	U7DYB	3.804E-06	U5DYB
RF	B29	RB90X110	17.50	0.0	U7DYB	1.516E-04	U5DYB
RF	B29	RB90X110	18.00	0.0	U7DYB	2.995E-04	U5DYB
RF	B29	RB90X110	18.50	0.0	U7DYB	4.473E-04	U5DYB
RF	B29	RB90X110	19.00	0.0	U7DYB	5.952E-04	U5DYB
RF	B29	RB90X110	19.50	0.0	U7DYB	7.272E-04	U5DYB
RF	B29	RB90X110	20.00	0.0	U7DYB	8.275E-04	U5DYB
RF	B29	RB90X110	20.50	0.0	U7DYB	8.962E-04	U5DYB

RF	B30	RGG90X120	0.60	0.0	U7DYB	3.068E-03	U5DYB
RF	B30	RGG90X120	1.10	0.0	U7DYB	2.943E-03	U5DYB
RF	B30	RGG90X120	1.59	0.0	U7DYB	2.783E-03	U5DYB
RF	B30	RGG90X120	2.09	0.0	U7DYB	2.611E-03	U5DYB
RF	B30	RGG90X120	2.58	0.0	U7DYB	2.440E-03	U5DYB
RF	B30	RGG90X120	3.08	0.0	U7DYB	2.269E-03	U5DYB
RF	B30	RGG90X120	3.57	0.0	U7DYB	2.097E-03	U5DYB
RF	B30	RGG90X120	4.07	0.0	U7DYB	1.895E-03	U5DYA
RF	B30	RGG90X120	4.56	0.0	U7DYB	1.250E-03	U7DYA
RF	B30	RGG90X120	5.06	0.0	U7DYB	1.114E-03	U5DYB
RF	B30	RGG90X120	5.56	0.0	U7DYB	1.103E-03	U5DYB
RF	B30	RGG90X120	6.05	0.0	U7DYB	1.092E-03	U5DYB
RF	B30	RGG90X120	6.55	0.0	U7DYB	1.081E-03	U5DYB
RF	B30	RGG90X120	7.04	0.0	U7DYB	1.070E-03	U5DYB
RF	B30	RGG90X120	7.54	0.0	U7DYB	1.059E-03	U5DYB
RF	B30	RGG90X120	8.03	0.0	U7DYB	1.048E-03	U5DYB
RF	B30	RGG90X120	8.53	0.0	U7DYB	1.037E-03	U5DYB
RF	B30	RGG90X120	9.02	0.0	U7DYB	1.026E-03	U5DYB
RF	B30	RGG90X120	9.52	0.0	U7DYB	1.015E-03	U5DYB
RF	B30	RGG90X120	10.01	0.0	U7DYB	1.020E-03	U5DYB
RF	B30	RGG90X120	10.51	0.0	U7DYB	1.031E-03	U5DYB
RF	B30	RGG90X120	11.01	0.0	U7DYB	1.042E-03	U5DYB
RF	B30	RGG90X120	11.50	0.0	U7DYB	1.053E-03	U5DYB
RF	B30	RGG90X120	12.00	0.0	U7DYB	1.064E-03	U5DYB
RF	B30	RGG90X120	12.49	0.0	U7DYB	1.075E-03	U5DYB
RF	B30	RGG90X120	12.99	0.0	U7DYB	1.086E-03	U5DYB
RF	B30	RGG90X120	13.48	0.0	U7DYB	1.097E-03	U5DYB
RF	B30	RGG90X120	13.98	0.0	U7DYB	1.108E-03	U5DYB
RF	B30	RGG90X120	14.47	0.0	U7DYB	1.265E-03	U7DYA
RF	B30	RGG90X120	14.97	0.0	U7DYB	1.908E-03	U5DYA
RF	B30	RGG90X120	15.47	0.0	U7DYB	2.112E-03	U5DYB
RF	B30	RGG90X120	15.96	0.0	U7DYB	2.283E-03	U5DYB
RF	B30	RGG90X120	16.46	0.0	U7DYB	2.454E-03	U5DYB
RF	B30	RGG90X120	16.95	0.0	U7DYB	2.626E-03	U5DYB
RF	B30	RGG90X120	17.45	0.0	U7DYB	2.797E-03	U5DYB

RF	B30	RGG90X120	17.94	0.0	U7DYB	2.969E-03	U5DYB
RF	B30	RGG90X120	18.44	0.0	U7DYB	3.140E-03	U5DYB
RF	B30	RGG90X120	18.93	0.0	U7DYB	3.312E-03	U5DYB
RF	B30	RGG90X120	19.43	0.0	U7DYB	3.470E-03	U5DYB
RF	B30	RGG90X120	19.93	0.0	U7DYB	3.593E-03	U5DYB
RF	B31	RB90X110	0.00	0.0	U7DYB	6.314E-04	U5DYB
RF	B31	RB90X110	0.50	0.0	U7DYB	5.627E-04	U5DYB
RF	B31	RB90X110	1.00	0.0	U7DYB	4.624E-04	U5DYB
RF	B31	RB90X110	1.50	0.0	U7DYB	3.304E-04	U5DYB
RF	B31	RB90X110	2.00	0.0	U7DYB	1.826E-04	U5DYB
RF	B31	RB90X110	2.50	0.0	U7DYB	3.472E-05	U5DYB
RF	B31	RB90X110	3.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B31	RB90X110	17.00	0.0	U7DYB	4.146E-05	U5DYB
RF	B31	RB90X110	17.50	0.0	U7DYB	1.893E-04	U5DYB
RF	B31	RB90X110	18.00	0.0	U7DYB	3.371E-04	U5DYB
RF	B31	RB90X110	18.50	0.0	U7DYB	4.850E-04	U5DYB
RF	B31	RB90X110	19.00	0.0	U7DYB	6.328E-04	U5DYB
RF	B31	RB90X110	19.50	0.0	U7DYB	7.648E-04	U5DYB
RF	B31	RB90X110	20.00	0.0	U7DYB	8.652E-04	U5DYB
RF	B31	RB90X110	20.50	0.0	U7DYB	9.338E-04	U5DYB
RF	B32	RGG90X120	0.60	0.0	U7DYB	3.050E-03	U5DYB
RF	B32	RGG90X120	1.10	0.0	U7DYB	2.925E-03	U5DYB
RF	B32	RGG90X120	1.59	0.0	U7DYB	2.766E-03	U5DYB
RF	B32	RGG90X120	2.09	0.0	U7DYB	2.594E-03	U5DYB
RF	B32	RGG90X120	2.58	0.0	U7DYB	2.423E-03	U5DYB
RF	B32	RGG90X120	3.08	0.0	U7DYB	2.252E-03	U5DYB
RF	B32	RGG90X120	3.57	0.0	U7DYB	2.080E-03	U5DYB
RF	B32	RGG90X120	4.07	0.0	U7DYB	1.878E-03	U5DYA
RF	B32	RGG90X120	4.56	0.0	U7DYB	1.241E-03	U7DYA
RF	B32	RGG90X120	5.06	0.0	U7DYB	1.116E-03	U5DYB
RF	B32	RGG90X120	5.56	0.0	U7DYB	1.105E-03	U5DYB
RF	B32	RGG90X120	6.05	0.0	U7DYB	1.094E-03	U5DYB
RF	B32	RGG90X120	6.55	0.0	U7DYB	1.083E-03	U5DYB
RF	B32	RGG90X120	7.04	0.0	U7DYB	1.072E-03	U5DYB
RF	B32	RGG90X120	7.54	0.0	U7DYB	1.061E-03	U5DYB
RF	B32	RGG90X120	8.03	0.0	U7DYB	1.050E-03	U5DYB

RF	B32	RGG90X120	8.53	0.0	U7DYB	1.039E-03	U5DYB
RF	B32	RGG90X120	9.02	0.0	U7DYB	1.028E-03	U5DYB
RF	B32	RGG90X120	9.52	0.0	U7DYB	1.021E-03	U5DYB
RF	B32	RGG90X120	10.01	0.0	U7DYB	1.032E-03	U5DYB
RF	B32	RGG90X120	10.51	0.0	U7DYB	1.043E-03	U5DYB
RF	B32	RGG90X120	11.01	0.0	U7DYB	1.054E-03	U5DYB
RF	B32	RGG90X120	11.50	0.0	U7DYB	1.065E-03	U5DYB
RF	B32	RGG90X120	12.00	0.0	U7DYB	1.076E-03	U5DYB
RF	B32	RGG90X120	12.49	0.0	U7DYB	1.087E-03	U5DYB
RF	B32	RGG90X120	12.99	0.0	U7DYB	1.098E-03	U5DYB
RF	B32	RGG90X120	13.48	0.0	U7DYB	1.109E-03	U5DYB
RF	B32	RGG90X120	13.98	0.0	U7DYB	1.120E-03	U5DYB
RF	B32	RGG90X120	14.47	0.0	U7DYB	1.270E-03	U7DYA
RF	B32	RGG90X120	14.97	0.0	U7DYB	1.922E-03	U5DYA
RF	B32	RGG90X120	15.47	0.0	U7DYB	2.128E-03	U5DYB
RF	B32	RGG90X120	15.96	0.0	U7DYB	2.299E-03	U5DYB
RF	B32	RGG90X120	16.46	0.0	U7DYB	2.470E-03	U5DYB
RF	B32	RGG90X120	16.95	0.0	U7DYB	2.642E-03	U5DYB
RF	B32	RGG90X120	17.45	0.0	U7DYB	2.813E-03	U5DYB
RF	B32	RGG90X120	17.94	0.0	U7DYB	2.985E-03	U5DYB
RF	B32	RGG90X120	18.44	0.0	U7DYB	3.156E-03	U5DYB
RF	B32	RGG90X120	18.93	0.0	U7DYB	3.328E-03	U5DYB
RF	B32	RGG90X120	19.43	0.0	U7DYB	3.486E-03	U5DYB
RF	B32	RGG90X120	19.93	0.0	U7DYB	3.609E-03	U5DYB
RF	B33	RB90X110	0.00	0.0	U7DYB	6.298E-04	U5DYB
RF	B33	RB90X110	0.50	0.0	U7DYB	5.612E-04	U5DYB
RF	B33	RB90X110	1.00	0.0	U7DYB	4.608E-04	U5DYB
RF	B33	RB90X110	1.50	0.0	U7DYB	3.288E-04	U5DYB
RF	B33	RB90X110	2.00	0.0	U7DYB	1.810E-04	U5DYB
RF	B33	RB90X110	2.50	0.0	U7DYB	3.313E-05	U5DYB
RF	B33	RB90X110	3.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B33	RB90X110	17.00	0.0	U7DYB	4.435E-05	U5DYB
RF	B33	RB90X110	17.50	0.0	U7DYB	1.922E-04	U5DYB
RF	B33	RB90X110	18.00	0.0	U7DYB	3.400E-04	U5DYB
RF	B33	RB90X110	18.50	0.0	U7DYB	4.879E-04	U5DYB
RF	B33	RB90X110	19.00	0.0	U7DYB	6.357E-04	U5DYB
RF	B33	RB90X110	19.50	0.0	U7DYB	7.677E-04	U5DYB

RF	B33	RB90X110	20.00	0.0	U7DYB	8.681E-04	U5DYB
RF	B33	RB90X110	20.50	0.0	U7DYB	9.367E-04	U5DYB
RF	B34	RGG90X120	0.60	0.0	U7DYB	3.048E-03	U5DYB
RF	B34	RGG90X120	1.10	0.0	U7DYB	2.923E-03	U5DYB
RF	B34	RGG90X120	1.59	0.0	U7DYB	2.764E-03	U5DYB
RF	B34	RGG90X120	2.09	0.0	U7DYB	2.592E-03	U5DYB
RF	B34	RGG90X120	2.58	0.0	U7DYB	2.421E-03	U5DYB
RF	B34	RGG90X120	3.08	0.0	U7DYB	2.249E-03	U5DYB
RF	B34	RGG90X120	3.57	0.0	U7DYB	2.078E-03	U5DYB
RF	B34	RGG90X120	4.07	0.0	U7DYB	1.873E-03	U5DYA
RF	B34	RGG90X120	4.56	0.0	U7DYB	1.236E-03	U7DYA
RF	B34	RGG90X120	5.06	0.0	U7DYB	1.109E-03	U5DYB
RF	B34	RGG90X120	5.56	0.0	U7DYB	1.098E-03	U5DYB
RF	B34	RGG90X120	6.05	0.0	U7DYB	1.087E-03	U5DYB
RF	B34	RGG90X120	6.55	0.0	U7DYB	1.076E-03	U5DYB
RF	B34	RGG90X120	7.04	0.0	U7DYB	1.065E-03	U5DYB
RF	B34	RGG90X120	7.54	0.0	U7DYB	1.054E-03	U5DYB
RF	B34	RGG90X120	8.03	0.0	U7DYB	1.043E-03	U5DYB
RF	B34	RGG90X120	8.53	0.0	U7DYB	1.032E-03	U5DYB
RF	B34	RGG90X120	9.02	0.0	U7DYB	1.021E-03	U5DYB
RF	B34	RGG90X120	9.52	0.0	U7DYB	1.013E-03	U5DYB
RF	B34	RGG90X120	10.01	0.0	U7DYB	1.024E-03	U5DYB
RF	B34	RGG90X120	10.51	0.0	U7DYB	1.036E-03	U5DYB
RF	B34	RGG90X120	11.01	0.0	U7DYB	1.047E-03	U5DYB
RF	B34	RGG90X120	11.50	0.0	U7DYB	1.058E-03	U5DYB
RF	B34	RGG90X120	12.00	0.0	U7DYB	1.069E-03	U5DYB
RF	B34	RGG90X120	12.49	0.0	U7DYB	1.080E-03	U5DYB
RF	B34	RGG90X120	12.99	0.0	U7DYB	1.091E-03	U5DYB
RF	B34	RGG90X120	13.48	0.0	U7DYB	1.102E-03	U5DYB
RF	B34	RGG90X120	13.98	0.0	U7DYB	1.113E-03	U5DYB
RF	B34	RGG90X120	14.47	0.0	U7DYB	1.267E-03	U7DYA
RF	B34	RGG90X120	14.97	0.0	U7DYB	1.919E-03	U5DYA
RF	B34	RGG90X120	15.47	0.0	U7DYB	2.127E-03	U5DYB
RF	B34	RGG90X120	15.96	0.0	U7DYB	2.299E-03	U5DYB
RF	B34	RGG90X120	16.46	0.0	U7DYB	2.470E-03	U5DYB
RF	B34	RGG90X120	16.95	0.0	U7DYB	2.642E-03	U5DYB
RF	B34	RGG90X120	17.45	0.0	U7DYB	2.813E-03	U5DYB
RF	B34	RGG90X120	17.94	0.0	U7DYB	2.984E-03	U5DYB
RF	B34	RGG90X120	18.44	0.0	U7DYB	3.156E-03	U5DYB
RF	B34	RGG90X120	18.93	0.0	U7DYB	3.327E-03	U5DYB
RF	B34	RGG90X120	19.43	0.0	U7DYB	3.486E-03	U5DYB
RF	B34	RGG90X120	19.93	0.0	U7DYB	3.609E-03	U5DYB
RF	B35	RB90X110	0.00	0.0	U7DYB	6.300E-04	U5DYB
RF	B35	RB90X110	0.50	0.0	U7DYB	5.613E-04	U5DYB
RF	B35	RB90X110	1.00	0.0	U7DYB	4.610E-04	U5DYB
RF	B35	RB90X110	1.50	0.0	U7DYB	3.290E-04	U5DYB
RF	B35	RB90X110	2.00	0.0	U7DYB	1.812E-04	U5DYB
RF	B35	RB90X110	2.50	0.0	U7DYB	3.332E-05	U5DYB
RF	B35	RB90X110	3.00	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB

RF	B35	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B35	RB90X110	17.00	0.0	U7DYB	4.554E-05	U5DYB
RF	B35	RB90X110	17.50	0.0	U7DYB	1.934E-04	U5DYB
RF	B35	RB90X110	18.00	0.0	U7DYB	3.412E-04	U5DYB
RF	B35	RB90X110	18.50	0.0	U7DYB	4.891E-04	U5DYB
RF	B35	RB90X110	19.00	0.0	U7DYB	6.369E-04	U5DYB
RF	B35	RB90X110	19.50	0.0	U7DYB	7.689E-04	U5DYB
RF	B35	RB90X110	20.00	0.0	U7DYB	8.692E-04	U5DYB
RF	B35	RB90X110	20.50	0.0	U7DYB	9.379E-04	U5DYB
RF	B36	RGG90X120	0.60	0.0	U7DYB	3.050E-03	U5DYB
RF	B36	RGG90X120	1.10	0.0	U7DYB	2.925E-03	U5DYB
RF	B36	RGG90X120	1.59	0.0	U7DYB	2.765E-03	U5DYB
RF	B36	RGG90X120	2.09	0.0	U7DYB	2.594E-03	U5DYB
RF	B36	RGG90X120	2.58	0.0	U7DYB	2.422E-03	U5DYB
RF	B36	RGG90X120	3.08	0.0	U7DYB	2.251E-03	U5DYB
RF	B36	RGG90X120	3.57	0.0	U7DYB	2.079E-03	U5DYB
RF	B36	RGG90X120	4.07	0.0	U7DYB	1.878E-03	U5DYA
RF	B36	RGG90X120	4.56	0.0	U7DYB	1.241E-03	U7DYA
RF	B36	RGG90X120	5.06	0.0	U7DYB	1.109E-03	U5DYB
RF	B36	RGG90X120	5.56	0.0	U7DYB	1.098E-03	U5DYB
RF	B36	RGG90X120	6.05	0.0	U7DYB	1.087E-03	U5DYB
RF	B36	RGG90X120	6.55	0.0	U7DYB	1.076E-03	U5DYB
RF	B36	RGG90X120	7.04	0.0	U7DYB	1.065E-03	U5DYB
RF	B36	RGG90X120	7.54	0.0	U7DYB	1.054E-03	U5DYB
RF	B36	RGG90X120	8.03	0.0	U7DYB	1.043E-03	U5DYB
RF	B36	RGG90X120	8.53	0.0	U7DYB	1.032E-03	U5DYB
RF	B36	RGG90X120	9.02	0.0	U7DYB	1.021E-03	U5DYB
RF	B36	RGG90X120	9.52	0.0	U7DYB	1.014E-03	U5DYB
RF	B36	RGG90X120	10.01	0.0	U7DYB	1.025E-03	U5DYB
RF	B36	RGG90X120	10.51	0.0	U7DYB	1.036E-03	U5DYB
RF	B36	RGG90X120	11.01	0.0	U7DYB	1.047E-03	U5DYB
RF	B36	RGG90X120	11.50	0.0	U7DYB	1.058E-03	U5DYB
RF	B36	RGG90X120	12.00	0.0	U7DYB	1.069E-03	U5DYB
RF	B36	RGG90X120	12.49	0.0	U7DYB	1.080E-03	U5DYB
RF	B36	RGG90X120	12.99	0.0	U7DYB	1.091E-03	U5DYB
RF	B36	RGG90X120	13.48	0.0	U7DYB	1.102E-03	U5DYB
RF	B36	RGG90X120	13.98	0.0	U7DYB	1.113E-03	U5DYB
RF	B36	RGG90X120	14.47	0.0	U7DYB	1.273E-03	U7DYA
RF	B36	RGG90X120	14.97	0.0	U7DYB	1.924E-03	U5DYA
RF	B36	RGG90X120	15.47	0.0	U7DYB	2.129E-03	U5DYB
RF	B36	RGG90X120	15.96	0.0	U7DYB	2.301E-03	U5DYB
RF	B36	RGG90X120	16.46	0.0	U7DYB	2.472E-03	U5DYB
RF	B36	RGG90X120	16.95	0.0	U7DYB	2.644E-03	U5DYB
RF	B36	RGG90X120	17.45	0.0	U7DYB	2.815E-03	U5DYB
RF	B36	RGG90X120	17.94	0.0	U7DYB	2.986E-03	U5DYB
RF	B36	RGG90X120	18.44	0.0	U7DYB	3.158E-03	U5DYB
RF	B36	RGG90X120	18.93	0.0	U7DYB	3.329E-03	U5DYB
RF	B36	RGG90X120	19.43	0.0	U7DYB	3.487E-03	U5DYB
RF	B36	RGG90X120	19.93	0.0	U7DYB	3.611E-03	U5DYB
RF	B37	RB90X110	0.00	0.0	U7DYB	6.305E-04	U5DYB
RF	B37	RB90X110	0.50	0.0	U7DYB	5.618E-04	U5DYB

RF	B37	RB90X110	1.00	0.0	U7DYB	4.615E-04	U5DYB
RF	B37	RB90X110	1.50	0.0	U7DYB	3.294E-04	U5DYB
RF	B37	RB90X110	2.00	0.0	U7DYB	1.816E-04	U5DYB
RF	B37	RB90X110	2.50	0.0	U7DYB	3.377E-05	U5DYB
RF	B37	RB90X110	3.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B37	RB90X110	17.00	0.0	U7DYB	4.606E-05	U5DYB
RF	B37	RB90X110	17.50	0.0	U7DYB	1.939E-04	U5DYB
RF	B37	RB90X110	18.00	0.0	U7DYB	3.417E-04	U5DYB
RF	B37	RB90X110	18.50	0.0	U7DYB	4.896E-04	U5DYB
RF	B37	RB90X110	19.00	0.0	U7DYB	6.374E-04	U5DYB
RF	B37	RB90X110	19.50	0.0	U7DYB	7.694E-04	U5DYB
RF	B37	RB90X110	20.00	0.0	U7DYB	8.698E-04	U5DYB
RF	B37	RB90X110	20.50	0.0	U7DYB	9.384E-04	U5DYB
RF	B38	RGG90X120	0.60	0.0	U7DYB	3.053E-03	U5DYB
RF	B38	RGG90X120	1.10	0.0	U7DYB	2.928E-03	U5DYB
RF	B38	RGG90X120	1.59	0.0	U7DYB	2.768E-03	U5DYB
RF	B38	RGG90X120	2.09	0.0	U7DYB	2.597E-03	U5DYB
RF	B38	RGG90X120	2.58	0.0	U7DYB	2.425E-03	U5DYB
RF	B38	RGG90X120	3.08	0.0	U7DYB	2.254E-03	U5DYB
RF	B38	RGG90X120	3.57	0.0	U7DYB	2.083E-03	U5DYB
RF	B38	RGG90X120	4.07	0.0	U7DYB	1.889E-03	U5DYA
RF	B38	RGG90X120	4.56	0.0	U7DYB	1.252E-03	U7DYA
RF	B38	RGG90X120	5.06	0.0	U7DYB	1.118E-03	U5DYB
RF	B38	RGG90X120	5.56	0.0	U7DYB	1.107E-03	U5DYB
RF	B38	RGG90X120	6.05	0.0	U7DYB	1.096E-03	U5DYB
RF	B38	RGG90X120	6.55	0.0	U7DYB	1.085E-03	U5DYB
RF	B38	RGG90X120	7.04	0.0	U7DYB	1.074E-03	U5DYB
RF	B38	RGG90X120	7.54	0.0	U7DYB	1.063E-03	U5DYB
RF	B38	RGG90X120	8.03	0.0	U7DYB	1.052E-03	U5DYB
RF	B38	RGG90X120	8.53	0.0	U7DYB	1.041E-03	U5DYB
RF	B38	RGG90X120	9.02	0.0	U7DYB	1.030E-03	U5DYB
RF	B38	RGG90X120	9.52	0.0	U7DYB	1.023E-03	U5DYB
RF	B38	RGG90X120	10.01	0.0	U7DYB	1.034E-03	U5DYB
RF	B38	RGG90X120	10.51	0.0	U7DYB	1.045E-03	U5DYB
RF	B38	RGG90X120	11.01	0.0	U7DYB	1.056E-03	U5DYB
RF	B38	RGG90X120	11.50	0.0	U7DYB	1.067E-03	U5DYB
RF	B38	RGG90X120	12.00	0.0	U7DYB	1.078E-03	U5DYB

RF	B38	RGG90X120	12.49	0.0	U7DYB	1.089E-03	U5DYB
RF	B38	RGG90X120	12.99	0.0	U7DYB	1.100E-03	U5DYB
RF	B38	RGG90X120	13.48	0.0	U7DYB	1.111E-03	U5DYB
RF	B38	RGG90X120	13.98	0.0	U7DYB	1.122E-03	U5DYB
RF	B38	RGG90X120	14.47	0.0	U7DYB	1.283E-03	U7DYA
RF	B38	RGG90X120	14.97	0.0	U7DYB	1.935E-03	U5DYA
RF	B38	RGG90X120	15.47	0.0	U7DYB	2.132E-03	U5DYB
RF	B38	RGG90X120	15.96	0.0	U7DYB	2.304E-03	U5DYB
RF	B38	RGG90X120	16.46	0.0	U7DYB	2.475E-03	U5DYB
RF	B38	RGG90X120	16.95	0.0	U7DYB	2.647E-03	U5DYB
RF	B38	RGG90X120	17.45	0.0	U7DYB	2.818E-03	U5DYB
RF	B38	RGG90X120	17.94	0.0	U7DYB	2.990E-03	U5DYB
RF	B38	RGG90X120	18.44	0.0	U7DYB	3.161E-03	U5DYB
RF	B38	RGG90X120	18.93	0.0	U7DYB	3.332E-03	U5DYB
RF	B38	RGG90X120	19.43	0.0	U7DYB	3.491E-03	U5DYB
RF	B38	RGG90X120	19.93	0.0	U7DYB	3.614E-03	U5DYB
RF	B39	RB90X110	0.00	0.0	U7DYB	6.304E-04	U5DYB
RF	B39	RB90X110	0.50	0.0	U7DYB	5.617E-04	U5DYB
RF	B39	RB90X110	1.00	0.0	U7DYB	4.614E-04	U5DYB
RF	B39	RB90X110	1.50	0.0	U7DYB	3.294E-04	U5DYB
RF	B39	RB90X110	2.00	0.0	U7DYB	1.816E-04	U5DYB
RF	B39	RB90X110	2.50	0.0	U7DYB	3.372E-05	U5DYB
RF	B39	RB90X110	3.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B39	RB90X110	17.00	0.0	U7DYB	4.530E-05	U5DYB
RF	B39	RB90X110	17.50	0.0	U7DYB	1.931E-04	U5DYB
RF	B39	RB90X110	18.00	0.0	U7DYB	3.410E-04	U5DYB
RF	B39	RB90X110	18.50	0.0	U7DYB	4.888E-04	U5DYB
RF	B39	RB90X110	19.00	0.0	U7DYB	6.367E-04	U5DYB
RF	B39	RB90X110	19.50	0.0	U7DYB	7.687E-04	U5DYB
RF	B39	RB90X110	20.00	0.0	U7DYB	8.690E-04	U5DYB
RF	B39	RB90X110	20.50	0.0	U7DYB	9.377E-04	U5DYB
RF	B40	RGG90X120	0.60	0.0	U7DYB	3.054E-03	U5DYB
RF	B40	RGG90X120	1.10	0.0	U7DYB	2.929E-03	U5DYB
RF	B40	RGG90X120	1.59	0.0	U7DYB	2.769E-03	U5DYB
RF	B40	RGG90X120	2.09	0.0	U7DYB	2.598E-03	U5DYB
RF	B40	RGG90X120	2.58	0.0	U7DYB	2.427E-03	U5DYB

RF	B40 RGG90X120	3.08	0.0	U7DYB	2.255E-03	U5DYB
RF	B40 RGG90X120	3.57	0.0	U7DYB	2.084E-03	U5DYB
RF	B40 RGG90X120	4.07	0.0	U7DYB	1.890E-03	U5DYA
RF	B40 RGG90X120	4.56	0.0	U7DYB	1.253E-03	U7DYA
RF	B40 RGG90X120	5.06	0.0	U7DYB	1.123E-03	U5DYB
RF	B40 RGG90X120	5.56	0.0	U7DYB	1.112E-03	U5DYB
RF	B40 RGG90X120	6.05	0.0	U7DYB	1.101E-03	U5DYB
RF	B40 RGG90X120	6.55	0.0	U7DYB	1.090E-03	U5DYB
RF	B40 RGG90X120	7.04	0.0	U7DYB	1.079E-03	U5DYB
RF	B40 RGG90X120	7.54	0.0	U7DYB	1.068E-03	U5DYB
RF	B40 RGG90X120	8.03	0.0	U7DYB	1.057E-03	U5DYB
RF	B40 RGG90X120	8.53	0.0	U7DYB	1.046E-03	U5DYB
RF	B40 RGG90X120	9.02	0.0	U7DYB	1.035E-03	U5DYB
RF	B40 RGG90X120	9.52	0.0	U7DYB	1.028E-03	U5DYB
RF	B40 RGG90X120	10.01	0.0	U7DYB	1.039E-03	U5DYB
RF	B40 RGG90X120	10.51	0.0	U7DYB	1.050E-03	U5DYB
RF	B40 RGG90X120	11.01	0.0	U7DYB	1.061E-03	U5DYB
RF	B40 RGG90X120	11.50	0.0	U7DYB	1.072E-03	U5DYB
RF	B40 RGG90X120	12.00	0.0	U7DYB	1.083E-03	U5DYB
RF	B40 RGG90X120	12.49	0.0	U7DYB	1.094E-03	U5DYB
RF	B40 RGG90X120	12.99	0.0	U7DYB	1.105E-03	U5DYB
RF	B40 RGG90X120	13.48	0.0	U7DYB	1.116E-03	U5DYB
RF	B40 RGG90X120	13.98	0.0	U7DYB	1.127E-03	U5DYB
RF	B40 RGG90X120	14.47	0.0	U7DYB	1.282E-03	U7DYA
RF	B40 RGG90X120	14.97	0.0	U7DYB	1.934E-03	U5DYA
RF	B40 RGG90X120	15.47	0.0	U7DYB	2.131E-03	U5DYB
RF	B40 RGG90X120	15.96	0.0	U7DYB	2.303E-03	U5DYB
RF	B40 RGG90X120	16.46	0.0	U7DYB	2.474E-03	U5DYB
RF	B40 RGG90X120	16.95	0.0	U7DYB	2.645E-03	U5DYB
RF	B40 RGG90X120	17.45	0.0	U7DYB	2.817E-03	U5DYB
RF	B40 RGG90X120	17.94	0.0	U7DYB	2.988E-03	U5DYB
RF	B40 RGG90X120	18.44	0.0	U7DYB	3.160E-03	U5DYB
RF	B40 RGG90X120	18.93	0.0	U7DYB	3.331E-03	U5DYB
RF	B40 RGG90X120	19.43	0.0	U7DYB	3.489E-03	U5DYB
RF	B40 RGG90X120	19.93	0.0	U7DYB	3.613E-03	U5DYB

RF	B41 RB90X110	0.00	0.0	U7DYB	6.305E-04	U5DYB
RF	B41 RB90X110	0.50	0.0	U7DYB	5.618E-04	U5DYB
RF	B41 RB90X110	1.00	0.0	U7DYB	4.615E-04	U5DYB
RF	B41 RB90X110	1.50	0.0	U7DYB	3.295E-04	U5DYB
RF	B41 RB90X110	2.00	0.0	U7DYB	1.816E-04	U5DYB
RF	B41 RB90X110	2.50	0.0	U7DYB	3.380E-05	U5DYB
RF	B41 RB90X110	3.00	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B41 RB90X110	14.00	0.0	U7DYB	0.0	U7DYB

RF	B41	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B41	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B41	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B41	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B41	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B41	RB90X110	17.00	0.0	U7DYB	4.071E-05	U5DYB
RF	B41	RB90X110	17.50	0.0	U7DYB	1.886E-04	U5DYB
RF	B41	RB90X110	18.00	0.0	U7DYB	3.364E-04	U5DYB
RF	B41	RB90X110	18.50	0.0	U7DYB	4.842E-04	U5DYB
RF	B41	RB90X110	19.00	0.0	U7DYB	6.321E-04	U5DYB
RF	B41	RB90X110	19.50	0.0	U7DYB	7.641E-04	U5DYB
RF	B41	RB90X110	20.00	0.0	U7DYB	8.644E-04	U5DYB
RF	B41	RB90X110	20.50	0.0	U7DYB	9.331E-04	U5DYB
RF	B42	RGG90X120	0.60	0.0	U7DYB	3.055E-03	U5DYB
RF	B42	RGG90X120	1.10	0.0	U7DYB	2.930E-03	U5DYB
RF	B42	RGG90X120	1.59	0.0	U7DYB	2.770E-03	U5DYB
RF	B42	RGG90X120	2.09	0.0	U7DYB	2.599E-03	U5DYB
RF	B42	RGG90X120	2.58	0.0	U7DYB	2.427E-03	U5DYB
RF	B42	RGG90X120	3.08	0.0	U7DYB	2.256E-03	U5DYB
RF	B42	RGG90X120	3.57	0.0	U7DYB	2.085E-03	U5DYB
RF	B42	RGG90X120	4.07	0.0	U7DYB	1.876E-03	U5DYA
RF	B42	RGG90X120	4.56	0.0	U7DYB	1.237E-03	U7DYA
RF	B42	RGG90X120	5.06	0.0	U7DYB	1.117E-03	U5DYB
RF	B42	RGG90X120	5.56	0.0	U7DYB	1.106E-03	U5DYB
RF	B42	RGG90X120	6.05	0.0	U7DYB	1.095E-03	U5DYB
RF	B42	RGG90X120	6.55	0.0	U7DYB	1.084E-03	U5DYB
RF	B42	RGG90X120	7.04	0.0	U7DYB	1.073E-03	U5DYB
RF	B42	RGG90X120	7.54	0.0	U7DYB	1.062E-03	U5DYB
RF	B42	RGG90X120	8.03	0.0	U7DYB	1.051E-03	U5DYB
RF	B42	RGG90X120	8.53	0.0	U7DYB	1.040E-03	U5DYB
RF	B42	RGG90X120	9.02	0.0	U7DYB	1.029E-03	U5DYB
RF	B42	RGG90X120	9.52	0.0	U7DYB	1.021E-03	U5DYB
RF	B42	RGG90X120	10.01	0.0	U7DYB	1.032E-03	U5DYB
RF	B42	RGG90X120	10.51	0.0	U7DYB	1.043E-03	U5DYB
RF	B42	RGG90X120	11.01	0.0	U7DYB	1.054E-03	U5DYB
RF	B42	RGG90X120	11.50	0.0	U7DYB	1.065E-03	U5DYB
RF	B42	RGG90X120	12.00	0.0	U7DYB	1.076E-03	U5DYB
RF	B42	RGG90X120	12.49	0.0	U7DYB	1.087E-03	U5DYB
RF	B42	RGG90X120	12.99	0.0	U7DYB	1.098E-03	U5DYB
RF	B42	RGG90X120	13.48	0.0	U7DYB	1.109E-03	U5DYB
RF	B42	RGG90X120	13.98	0.0	U7DYB	1.120E-03	U5DYB
RF	B42	RGG90X120	14.47	0.0	U7DYB	1.258E-03	U7DYA
RF	B42	RGG90X120	14.97	0.0	U7DYB	1.907E-03	U5DYA
RF	B42	RGG90X120	15.47	0.0	U7DYB	2.118E-03	U5DYB
RF	B42	RGG90X120	15.96	0.0	U7DYB	2.290E-03	U5DYB
RF	B42	RGG90X120	16.46	0.0	U7DYB	2.461E-03	U5DYB
RF	B42	RGG90X120	16.95	0.0	U7DYB	2.632E-03	U5DYB
RF	B42	RGG90X120	17.45	0.0	U7DYB	2.804E-03	U5DYB
RF	B42	RGG90X120	17.94	0.0	U7DYB	2.975E-03	U5DYB
RF	B42	RGG90X120	18.44	0.0	U7DYB	3.147E-03	U5DYB
RF	B42	RGG90X120	18.93	0.0	U7DYB	3.318E-03	U5DYB
RF	B42	RGG90X120	19.43	0.0	U7DYB	3.476E-03	U5DYB
RF	B42	RGG90X120	19.93	0.0	U7DYB	3.600E-03	U5DYB
RF	B43	RB90X110	0.00	0.0	U7DYB	6.355E-04	U5DYB
RF	B43	RB90X110	0.50	0.0	U7DYB	5.668E-04	U5DYB
RF	B43	RB90X110	1.00	0.0	U7DYB	4.665E-04	U5DYB
RF	B43	RB90X110	1.50	0.0	U7DYB	3.345E-04	U5DYB
RF	B43	RB90X110	2.00	0.0	U7DYB	1.866E-04	U5DYB
RF	B43	RB90X110	2.50	0.0	U7DYB	3.878E-05	U5DYB
RF	B43	RB90X110	3.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB

RF	B43	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B43	RB90X110	17.00	0.0	U7DYB	2.758E-05	U5DYB
RF	B43	RB90X110	17.50	0.0	U7DYB	1.754E-04	U5DYB
RF	B43	RB90X110	18.00	0.0	U7DYB	3.233E-04	U5DYB
RF	B43	RB90X110	18.50	0.0	U7DYB	4.711E-04	U5DYB
RF	B43	RB90X110	19.00	0.0	U7DYB	6.189E-04	U5DYB
RF	B43	RB90X110	19.50	0.0	U7DYB	7.509E-04	U5DYB
RF	B43	RB90X110	20.00	0.0	U7DYB	8.513E-04	U5DYB
RF	B43	RB90X110	20.50	0.0	U7DYB	9.200E-04	U5DYB

RF	B44	RGG90X120	0.60	0.0	U7DYB	3.071E-03	U5DYB
RF	B44	RGG90X120	1.10	0.0	U7DYB	2.946E-03	U5DYB
RF	B44	RGG90X120	1.59	0.0	U7DYB	2.786E-03	U5DYB
RF	B44	RGG90X120	2.09	0.0	U7DYB	2.615E-03	U5DYB
RF	B44	RGG90X120	2.58	0.0	U7DYB	2.444E-03	U5DYB
RF	B44	RGG90X120	3.08	0.0	U7DYB	2.272E-03	U5DYB
RF	B44	RGG90X120	3.57	0.0	U7DYB	2.101E-03	U5DYB
RF	B44	RGG90X120	4.07	0.0	U7DYB	1.869E-03	U5DYA
RF	B44	RGG90X120	4.56	0.0	U7DYB	1.223E-03	U7DYA
RF	B44	RGG90X120	5.06	0.0	U7DYB	1.102E-03	U5DYB
RF	B44	RGG90X120	5.56	0.0	U7DYB	1.091E-03	U5DYB
RF	B44	RGG90X120	6.05	0.0	U7DYB	1.080E-03	U5DYB
RF	B44	RGG90X120	6.55	0.0	U7DYB	1.069E-03	U5DYB
RF	B44	RGG90X120	7.04	0.0	U7DYB	1.058E-03	U5DYB
RF	B44	RGG90X120	7.54	0.0	U7DYB	1.047E-03	U5DYB
RF	B44	RGG90X120	8.03	0.0	U7DYB	1.036E-03	U5DYB
RF	B44	RGG90X120	8.53	0.0	U7DYB	1.025E-03	U5DYB
RF	B44	RGG90X120	9.02	0.0	U7DYB	1.014E-03	U5DYB
RF	B44	RGG90X120	9.52	0.0	U7DYB	1.002E-03	U5DYB
RF	B44	RGG90X120	10.01	0.0	U7DYB	1.013E-03	U5DYB
RF	B44	RGG90X120	10.51	0.0	U7DYB	1.024E-03	U5DYB
RF	B44	RGG90X120	11.01	0.0	U7DYB	1.035E-03	U5DYB
RF	B44	RGG90X120	11.50	0.0	U7DYB	1.046E-03	U5DYB
RF	B44	RGG90X120	12.00	0.0	U7DYB	1.057E-03	U5DYB
RF	B44	RGG90X120	12.49	0.0	U7DYB	1.069E-03	U5DYB
RF	B44	RGG90X120	12.99	0.0	U7DYB	1.080E-03	U5DYB
RF	B44	RGG90X120	13.48	0.0	U7DYB	1.091E-03	U5DYB
RF	B44	RGG90X120	13.98	0.0	U7DYB	1.102E-03	U5DYB
RF	B44	RGG90X120	14.47	0.0	U7DYB	1.212E-03	U7DYA
RF	B44	RGG90X120	14.97	0.0	U7DYB	1.854E-03	U5DYA
RF	B44	RGG90X120	15.47	0.0	U7DYB	2.084E-03	U5DYB
RF	B44	RGG90X120	15.96	0.0	U7DYB	2.256E-03	U5DYB

RF	B44	RGG90X120	16.46	0.0	U7DYB	2.427E-03	U5DYB
RF	B44	RGG90X120	16.95	0.0	U7DYB	2.599E-03	U5DYB
RF	B44	RGG90X120	17.45	0.0	U7DYB	2.770E-03	U5DYB
RF	B44	RGG90X120	17.94	0.0	U7DYB	2.941E-03	U5DYB
RF	B44	RGG90X120	18.44	0.0	U7DYB	3.113E-03	U5DYB
RF	B44	RGG90X120	18.93	0.0	U7DYB	3.284E-03	U5DYB
RF	B44	RGG90X120	19.43	0.0	U7DYB	3.442E-03	U5DYB
RF	B44	RGG90X120	19.93	0.0	U7DYB	3.566E-03	U5DYB
RF	B45	RB90X110	0.00	0.0	U7DYB	6.570E-04	U5DYB
RF	B45	RB90X110	0.50	0.0	U7DYB	5.883E-04	U5DYB
RF	B45	RB90X110	1.00	0.0	U7DYB	4.879E-04	U5DYB
RF	B45	RB90X110	1.50	0.0	U7DYB	3.559E-04	U5DYB
RF	B45	RB90X110	2.00	0.0	U7DYB	2.081E-04	U5DYB
RF	B45	RB90X110	2.50	0.0	U7DYB	6.026E-05	U5DYB
RF	B45	RB90X110	3.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B45	RB90X110	17.50	0.0	U7DYB	1.446E-04	U5DYB
RF	B45	RB90X110	18.00	0.0	U7DYB	2.924E-04	U5DYB
RF	B45	RB90X110	18.50	0.0	U7DYB	4.403E-04	U5DYB
RF	B45	RB90X110	19.00	0.0	U7DYB	5.881E-04	U5DYB
RF	B45	RB90X110	19.50	0.0	U7DYB	7.201E-04	U5DYB
RF	B45	RB90X110	20.00	0.0	U7DYB	8.205E-04	U5DYB
RF	B45	RB90X110	20.50	0.0	U7DYB	8.891E-04	U5DYB
RF	B46	RGG90X120	0.60	0.0	U7DYB	2.984E-03	U5DYB
RF	B46	RGG90X120	1.10	0.0	U7DYB	2.859E-03	U5DYB
RF	B46	RGG90X120	1.59	0.0	U7DYB	2.703E-03	U5DYB
RF	B46	RGG90X120	2.09	0.0	U7DYB	2.539E-03	U5DYB
RF	B46	RGG90X120	2.58	0.0	U7DYB	2.376E-03	U5DYB
RF	B46	RGG90X120	3.08	0.0	U7DYB	2.212E-03	U5DYB
RF	B46	RGG90X120	3.57	0.0	U7DYB	2.049E-03	U5DYB
RF	B46	RGG90X120	4.07	0.0	U7DYB	1.886E-03	U5DYB
RF	B46	RGG90X120	4.56	0.0	U7DYB	1.247E-03	U7DYB
RF	B46	RGG90X120	5.06	0.0	U7DYB	1.045E-03	U5DYB
RF	B46	RGG90X120	5.56	0.0	U7DYB	1.035E-03	U5DYB
RF	B46	RGG90X120	6.05	0.0	U7DYB	1.024E-03	U5DYB
RF	B46	RGG90X120	6.55	0.0	U7DYB	1.014E-03	U5DYB

RF	B46	RGG90X120	7.04	0.0	U7DYB	1.004E-03	U5DYB
RF	B46	RGG90X120	7.54	0.0	U7DYB	9.937E-04	U5DYB
RF	B46	RGG90X120	8.03	0.0	U7DYB	9.835E-04	U5DYB
RF	B46	RGG90X120	8.53	0.0	U7DYB	9.733E-04	U5DYB
RF	B46	RGG90X120	9.02	0.0	U7DYB	9.631E-04	U5DYB
RF	B46	RGG90X120	9.52	0.0	U7DYB	9.529E-04	U5DYB
RF	B46	RGG90X120	10.01	0.0	U7DYB	9.579E-04	U5DYB
RF	B46	RGG90X120	10.51	0.0	U7DYB	9.681E-04	U5DYB
RF	B46	RGG90X120	11.01	0.0	U7DYB	9.783E-04	U5DYB
RF	B46	RGG90X120	11.50	0.0	U7DYB	9.885E-04	U5DYB
RF	B46	RGG90X120	12.00	0.0	U7DYB	9.987E-04	U5DYB
RF	B46	RGG90X120	12.49	0.0	U7DYB	1.009E-03	U5DYB
RF	B46	RGG90X120	12.99	0.0	U7DYB	1.019E-03	U5DYB
RF	B46	RGG90X120	13.48	0.0	U7DYB	1.029E-03	U5DYB
RF	B46	RGG90X120	13.98	0.0	U7DYB	1.040E-03	U5DYB
RF	B46	RGG90X120	14.47	0.0	U7DYB	1.050E-03	U5DYB
RF	B46	RGG90X120	14.97	0.0	U7DYB	1.277E-03	U7DYB
RF	B46	RGG90X120	15.47	0.0	U7DYB	1.931E-03	U5DYB
RF	B46	RGG90X120	15.96	0.0	U7DYB	2.094E-03	U5DYB
RF	B46	RGG90X120	16.46	0.0	U7DYB	2.258E-03	U5DYB
RF	B46	RGG90X120	16.95	0.0	U7DYB	2.421E-03	U5DYB
RF	B46	RGG90X120	17.45	0.0	U7DYB	2.585E-03	U5DYB
RF	B46	RGG90X120	17.94	0.0	U7DYB	2.748E-03	U5DYB
RF	B46	RGG90X120	18.44	0.0	U7DYB	2.912E-03	U5DYB
RF	B46	RGG90X120	18.93	0.0	U7DYB	3.075E-03	U5DYB
RF	B46	RGG90X120	19.43	0.0	U7DYB	3.230E-03	U5DYB
RF	B46	RGG90X120	19.93	0.0	U7DYB	3.354E-03	U5DYB
RF	B47	RB90X110	0.00	0.0	U7DYB	4.347E-04	U5DYB
RF	B47	RB90X110	0.50	0.0	U7DYB	3.660E-04	U5DYB
RF	B47	RB90X110	1.00	0.0	U7DYB	2.657E-04	U5DYB
RF	B47	RB90X110	1.50	0.0	U7DYB	1.369E-04	U5DYB
RF	B47	RB90X110	2.00	0.0	U7DYB	3.269E-06	U5DYB
RF	B47	RB90X110	2.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	3.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B47	RB90X110	18.00	0.0	U7DYB	3.754E-05	U5DYB

RF	B47	RB90X110	18.50	0.0	U7DYB	1.711E-04	U5DYB
RF	B47	RB90X110	19.00	0.0	U7DYB	3.047E-04	U5DYB
RF	B47	RB90X110	19.50	0.0	U7DYB	4.335E-04	U5DYB
RF	B47	RB90X110	20.00	0.0	U7DYB	5.339E-04	U5DYB
RF	B47	RB90X110	20.50	0.0	U7DYB	6.025E-04	U5DYB
RF	B48	RGG90X120	0.60	0.0	U7DYB	3.199E-03	U5DYB
RF	B48	RGG90X120	1.10	0.0	U7DYB	3.074E-03	U5DYB
RF	B48	RGG90X120	1.59	0.0	U7DYB	2.917E-03	U5DYB
RF	B48	RGG90X120	2.09	0.0	U7DYB	2.746E-03	U5DYB
RF	B48	RGG90X120	2.58	0.0	U7DYB	2.575E-03	U5DYB
RF	B48	RGG90X120	3.08	0.0	U7DYB	2.403E-03	U5DYB
RF	B48	RGG90X120	3.57	0.0	U7DYB	2.232E-03	U5DYB
RF	B48	RGG90X120	4.07	0.0	U7DYB	2.060E-03	U5DYB
RF	B48	RGG90X120	4.56	0.0	U7DYB	1.889E-03	U5DYB
RF	B48	RGG90X120	5.06	0.0	U7DYB	1.236E-03	U7DYB
RF	B48	RGG90X120	5.56	0.0	U7DYB	1.043E-03	U5DYB
RF	B48	RGG90X120	6.05	0.0	U7DYB	1.032E-03	U5DYB
RF	B48	RGG90X120	6.55	0.0	U7DYB	1.021E-03	U5DYB
RF	B48	RGG90X120	7.04	0.0	U7DYB	1.010E-03	U5DYB
RF	B48	RGG90X120	7.54	0.0	U7DYB	9.990E-04	U5DYB
RF	B48	RGG90X120	8.03	0.0	U7DYB	9.880E-04	U5DYB
RF	B48	RGG90X120	8.53	0.0	U7DYB	9.769E-04	U5DYB
RF	B48	RGG90X120	9.02	0.0	U7DYB	9.659E-04	U5DYB
RF	B48	RGG90X120	9.52	0.0	U7DYB	9.549E-04	U5DYB
RF	B48	RGG90X120	10.01	0.0	U7DYB	9.439E-04	U5DYB
RF	B48	RGG90X120	10.51	0.0	U7DYB	9.540E-04	U5DYB
RF	B48	RGG90X120	11.01	0.0	U7DYB	9.650E-04	U5DYB
RF	B48	RGG90X120	11.50	0.0	U7DYB	9.760E-04	U5DYB
RF	B48	RGG90X120	12.00	0.0	U7DYB	9.870E-04	U5DYB
RF	B48	RGG90X120	12.49	0.0	U7DYB	9.981E-04	U5DYB
RF	B48	RGG90X120	12.99	0.0	U7DYB	1.009E-03	U5DYB
RF	B48	RGG90X120	13.48	0.0	U7DYB	1.020E-03	U5DYB
RF	B48	RGG90X120	13.98	0.0	U7DYB	1.031E-03	U5DYB
RF	B48	RGG90X120	14.47	0.0	U7DYB	1.042E-03	U5DYB
RF	B48	RGG90X120	14.97	0.0	U7DYB	1.273E-03	U7DYB
RF	B48	RGG90X120	15.47	0.0	U7DYB	1.935E-03	U5DYB
RF	B48	RGG90X120	15.96	0.0	U7DYB	2.106E-03	U5DYB
RF	B48	RGG90X120	16.46	0.0	U7DYB	2.278E-03	U5DYB
RF	B48	RGG90X120	16.95	0.0	U7DYB	2.449E-03	U5DYB
RF	B48	RGG90X120	17.45	0.0	U7DYB	2.620E-03	U5DYB
RF	B48	RGG90X120	17.94	0.0	U7DYB	2.792E-03	U5DYB
RF	B48	RGG90X120	18.44	0.0	U7DYB	2.963E-03	U5DYB
RF	B48	RGG90X120	18.93	0.0	U7DYB	3.134E-03	U5DYB
RF	B48	RGG90X120	19.43	0.0	U7DYB	3.289E-03	U5DYB
RF	B48	RGG90X120	19.93	0.0	U7DYB	3.413E-03	U5DYB
RF	B49	RB90X110	0.00	0.0	U7DYB	9.673E-04	U5DYB
RF	B49	RB90X110	0.50	0.0	U7DYB	8.986E-04	U5DYB
RF	B49	RB90X110	1.00	0.0	U7DYB	7.983E-04	U5DYB
RF	B49	RB90X110	1.50	0.0	U7DYB	6.663E-04	U5DYB
RF	B49	RB90X110	2.00	0.0	U7DYB	5.074E-04	U5DYB
RF	B49	RB90X110	2.50	0.0	U7DYB	3.453E-04	U5DYB
RF	B49	RB90X110	3.00	0.0	U7DYB	1.832E-04	U5DYB
RF	B49	RB90X110	3.50	0.0	U7DYB	2.112E-05	U5DYB
RF	B49	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB

RF	B49	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B49	RB90X110	17.00	0.0	U7DYB	1.136E-04	U5DYB
RF	B49	RB90X110	17.50	0.0	U7DYB	2.757E-04	U5DYB
RF	B49	RB90X110	18.00	0.0	U7DYB	4.378E-04	U5DYB
RF	B49	RB90X110	18.50	0.0	U7DYB	5.999E-04	U5DYB
RF	B49	RB90X110	19.00	0.0	U7DYB	7.588E-04	U5DYB
RF	B49	RB90X110	19.50	0.0	U7DYB	8.908E-04	U5DYB
RF	B49	RB90X110	20.00	0.0	U7DYB	9.911E-04	U5DYB
RF	B49	RB90X110	20.50	0.0	U7DYB	1.060E-03	U5DYB
RF	B50	RGG90X120	0.60	0.0	U7DYB	3.421E-03	U5DYB
RF	B50	RGG90X120	1.09	0.0	U7DYB	3.296E-03	U5DYB
RF	B50	RGG90X120	1.59	0.0	U7DYB	3.136E-03	U5DYB
RF	B50	RGG90X120	2.08	0.0	U7DYB	2.958E-03	U5DYB
RF	B50	RGG90X120	2.58	0.0	U7DYB	2.779E-03	U5DYB
RF	B50	RGG90X120	3.07	0.0	U7DYB	2.599E-03	U5DYB
RF	B50	RGG90X120	3.57	0.0	U7DYB	2.420E-03	U5DYB
RF	B50	RGG90X120	4.06	0.0	U7DYB	2.241E-03	U5DYB
RF	B50	RGG90X120	4.56	0.0	U7DYB	2.062E-03	U5DYB
RF	B50	RGG90X120	5.05	0.0	U7DYB	1.308E-03	U7DYB
RF	B50	RGG90X120	5.55	0.0	U7DYB	1.098E-03	U5DYB
RF	B50	RGG90X120	6.04	0.0	U7DYB	1.086E-03	U5DYB
RF	B50	RGG90X120	6.54	0.0	U7DYB	1.074E-03	U5DYB
RF	B50	RGG90X120	7.03	0.0	U7DYB	1.062E-03	U5DYB
RF	B50	RGG90X120	7.53	0.0	U7DYB	1.050E-03	U5DYB
RF	B50	RGG90X120	8.02	0.0	U7DYB	1.039E-03	U5DYB
RF	B50	RGG90X120	8.52	0.0	U7DYB	1.027E-03	U5DYB
RF	B50	RGG90X120	9.01	0.0	U7DYB	1.015E-03	U5DYB
RF	B50	RGG90X120	9.51	0.0	U7DYB	1.003E-03	U5DYB
RF	B50	RGG90X120	10.00	0.0	U7DYB	9.912E-04	U5DYB
RF	B50	RGG90X120	10.50	0.0	U7DYB	9.794E-04	U5DYB
RF	B50	RGG90X120	10.99	0.0	U7DYB	9.676E-04	U5DYB
RF	B50	RGG90X120	11.49	0.0	U7DYB	9.557E-04	U5DYB
RF	B50	RGG90X120	11.98	0.0	U7DYB	9.439E-04	U5DYB
RF	B50	RGG90X120	12.48	0.0	U7DYB	9.485E-04	U5DYB
RF	B50	RGG90X120	12.97	0.0	U7DYB	9.604E-04	U5DYB
RF	B50	RGG90X120	13.47	0.0	U7DYB	9.722E-04	U5DYB
RF	B50	RGG90X120	13.96	0.0	U7DYB	9.840E-04	U5DYB
RF	B50	RGG90X120	14.46	0.0	U7DYB	9.959E-04	U5DYB
RF	B50	RGG90X120	14.95	0.0	U7DYB	1.309E-03	U7DYB
RF	B50	RGG90X120	15.45	0.0	U7DYB	1.935E-03	U5DYB
RF	B50	RGG90X120	15.94	0.0	U7DYB	2.114E-03	U5DYB
RF	B50	RGG90X120	16.44	0.0	U7DYB	2.293E-03	U5DYB
RF	B50	RGG90X120	16.93	0.0	U7DYB	2.473E-03	U5DYB
RF	B50	RGG90X120	17.43	0.0	U7DYB	2.652E-03	U5DYB
RF	B50	RGG90X120	17.92	0.0	U7DYB	2.831E-03	U5DYB
RF	B50	RGG90X120	18.42	0.0	U7DYB	3.010E-03	U5DYB
RF	B50	RGG90X120	18.91	0.0	U7DYB	3.189E-03	U5DYB
RF	B50	RGG90X120	19.41	0.0	U7DYB	3.348E-03	U5DYB
RF	B50	RGG90X120	19.90	0.0	U7DYB	3.473E-03	U5DYB

RF	B51	RB90X110	0.00	0.0	U7DYB	7.591E-04	U5DYB
RF	B51	RB90X110	0.50	0.0	U7DYB	6.904E-04	U5DYB
RF	B51	RB90X110	1.00	0.0	U7DYB	5.901E-04	U5DYB
RF	B51	RB90X110	1.50	0.0	U7DYB	4.581E-04	U5DYB
RF	B51	RB90X110	2.00	0.0	U7DYB	3.103E-04	U5DYB
RF	B51	RB90X110	2.50	0.0	U7DYB	1.624E-04	U5DYB
RF	B51	RB90X110	3.00	0.0	U7DYB	1.458E-05	U5DYB
RF	B51	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B51	RB90X110	17.50	0.0	U7DYB	3.210E-05	U5DYB
RF	B51	RB90X110	18.00	0.0	U7DYB	1.799E-04	U5DYB
RF	B51	RB90X110	18.50	0.0	U7DYB	3.278E-04	U5DYB
RF	B51	RB90X110	19.00	0.0	U7DYB	4.756E-04	U5DYB
RF	B51	RB90X110	19.50	0.0	U7DYB	6.076E-04	U5DYB
RF	B51	RB90X110	20.00	0.0	U7DYB	7.080E-04	U5DYB
RF	B51	RB90X110	20.50	0.0	U7DYB	7.766E-04	U5DYB
RF	B52	RB90X110	0.00	0.0	U7DYB	7.596E-04	U5DYB
RF	B52	RB90X110	0.50	0.0	U7DYB	6.909E-04	U5DYB
RF	B52	RB90X110	1.00	0.0	U7DYB	5.906E-04	U5DYB
RF	B52	RB90X110	1.50	0.0	U7DYB	4.586E-04	U5DYB
RF	B52	RB90X110	2.00	0.0	U7DYB	3.108E-04	U5DYB
RF	B52	RB90X110	2.50	0.0	U7DYB	1.629E-04	U5DYB
RF	B52	RB90X110	3.00	0.0	U7DYB	1.508E-05	U5DYB
RF	B52	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB

RF	B52	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B52	RB90X110	17.50	0.0	U7DYB	2.389E-05	U5DYB
RF	B52	RB90X110	18.00	0.0	U7DYB	1.717E-04	U5DYB
RF	B52	RB90X110	18.50	0.0	U7DYB	3.196E-04	U5DYB
RF	B52	RB90X110	19.00	0.0	U7DYB	4.674E-04	U5DYB
RF	B52	RB90X110	19.50	0.0	U7DYB	5.994E-04	U5DYB
RF	B52	RB90X110	20.00	0.0	U7DYB	6.998E-04	U5DYB
RF	B52	RB90X110	20.50	0.0	U7DYB	7.684E-04	U5DYB

RF	B61	G90X120	0.45	2.999E-04	U5DXA	1.311E-03	U5EYB
RF	B61	G90X120	0.93	2.999E-04	U5DXA	1.177E-03	U5EYB
RF	B61	G90X120	1.42	2.999E-04	U5DXA	1.043E-03	U5EYB
RF	B61	G90X120	1.90	2.999E-04	U5DXA	9.090E-04	U5EYB
RF	B61	G90X120	2.39	2.999E-04	U5DXA	7.748E-04	U5EYB
RF	B61	G90X120	2.87	2.999E-04	U5DXA	5.301E-04	U5DYB
RF	B61	G90X120	3.36	2.999E-04	U5DXA	5.248E-04	U5DYB
RF	B61	G90X120	3.84	2.999E-04	U5DXA	5.194E-04	U5DYB
RF	B61	G90X120	4.32	2.999E-04	U5DXA	5.140E-04	U5DYB
RF	B61	G90X120	4.81	2.999E-04	U5DXA	5.086E-04	U5DYB
RF	B61	G90X120	5.29	2.999E-04	U5DXA	5.056E-04	U5DYB
RF	B61	G90X120	5.78	2.999E-04	U5DXA	5.110E-04	U5DYB
RF	B61	G90X120	6.26	2.999E-04	U5DXA	5.164E-04	U5DYB
RF	B61	G90X120	6.74	2.999E-04	U5DXA	5.218E-04	U5DYB
RF	B61	G90X120	7.23	2.999E-04	U5DXA	5.271E-04	U5DYB
RF	B61	G90X120	7.71	2.999E-04	U5DXA	7.350E-04	U5EYB
RF	B61	G90X120	8.20	2.999E-04	U5DXA	8.691E-04	U5EYB
RF	B61	G90X120	8.68	2.999E-04	U5DXA	1.003E-03	U5EYB
RF	B61	G90X120	9.17	2.999E-04	U5DXA	1.131E-03	U5EYB
RF	B61	G90X120	9.65	2.999E-04	U5DXA	1.242E-03	U5EYB

RF	B66	RGB90X120	0.60	0.0	U7DYB	6.150E-03	U5DXA
RF	B66	RGB90X120	1.08	0.0	U7DYB	6.039E-03	U5DXA
RF	B66	RGB90X120	1.56	0.0	U7DYB	5.897E-03	U5DXA
RF	B66	RGB90X120	2.04	0.0	U7DYB	5.763E-03	U5DXA
RF	B66	RGB90X120	2.52	0.0	U7DYB	5.659E-03	U5DXA
RF	B66	RGB90X120	3.00	0.0	U7DYB	5.586E-03	U5DXA
RF	B66	RGB90X120	3.00	3.841E-04	U5DYA	4.540E-03	U5DXA
RF	B66	RGB90X120	3.49	3.841E-04	U5DYA	4.613E-03	U5DXA
RF	B66	RGB90X120	3.97	3.841E-04	U5DYA	4.719E-03	U5DXA
RF	B66	RGB90X120	4.46	3.841E-04	U5DYA	4.855E-03	U5DXA
RF	B66	RGB90X120	4.94	3.841E-04	U5DYA	4.997E-03	U5DXA
RF	B66	RGB90X120	5.43	3.841E-04	U5DYA	5.108E-03	U5DXA

RF	B67	RGB90X120	0.58	5.778E-04	U5DYA	4.745E-03	U5DXA
RF	B67	RGB90X120	1.06	5.778E-04	U5DYA	4.634E-03	U5DXA
RF	B67	RGB90X120	1.55	5.778E-04	U5DYA	4.492E-03	U5DXA
RF	B67	RGB90X120	2.03	5.778E-04	U5DYA	4.356E-03	U5DXA
RF	B67	RGB90X120	2.52	5.778E-04	U5DYA	4.250E-03	U5DXA
RF	B67	RGB90X120	3.00	5.778E-04	U5DYA	4.177E-03	U5DXA
RF	B67	RGB90X120	3.00	1.192E-03	U5DYA	3.534E-03	U5DXA
RF	B67	RGB90X120	3.49	1.192E-03	U5DYA	3.608E-03	U5DXA
RF	B67	RGB90X120	3.97	1.192E-03	U5DYA	3.713E-03	U5DXA

RF	B67 RGB90X120	4.46	1.192E-03	U5DYA	3.850E-03	U5DXA
RF	B67 RGB90X120	4.94	1.192E-03	U5DYA	3.992E-03	U5DXA
RF	B67 RGB90X120	5.43	1.192E-03	U5DYA	4.103E-03	U5DXA
RF	B68 RGB90X120	0.58	1.221E-03	U5DYA	3.699E-03	U5DXA
RF	B68 RGB90X120	1.06	1.221E-03	U5DYA	3.588E-03	U5DXA
RF	B68 RGB90X120	1.55	1.221E-03	U5DYA	3.446E-03	U5DXA
RF	B68 RGB90X120	2.03	1.221E-03	U5DYA	3.310E-03	U5DXA
RF	B68 RGB90X120	2.52	1.221E-03	U5DYA	3.204E-03	U5DXA
RF	B68 RGB90X120	3.00	1.221E-03	U5DYA	3.130E-03	U5DXA
RF	B68 RGB90X120	3.00	6.822E-04	U5DYA	4.319E-03	U5DXA
RF	B68 RGB90X120	3.49	6.822E-04	U5DYA	4.393E-03	U5DXA
RF	B68 RGB90X120	3.97	6.822E-04	U5DYA	4.498E-03	U5DXA
RF	B68 RGB90X120	4.46	6.822E-04	U5DYA	4.634E-03	U5DXA
RF	B68 RGB90X120	4.94	6.822E-04	U5DYA	4.776E-03	U5DXA
RF	B68 RGB90X120	5.43	6.822E-04	U5DYA	4.887E-03	U5DXA
RF	B69 RGB90X120	0.58	3.113E-04	U5DYA	4.548E-03	U5DXA
RF	B69 RGB90X120	1.06	3.113E-04	U5DYA	4.437E-03	U5DXA
RF	B69 RGB90X120	1.55	3.113E-04	U5DYA	4.295E-03	U5DXA
RF	B69 RGB90X120	2.03	3.113E-04	U5DYA	4.158E-03	U5DXA
RF	B69 RGB90X120	2.52	3.113E-04	U5DYA	4.053E-03	U5DXA
RF	B69 RGB90X120	3.00	3.113E-04	U5DYA	3.979E-03	U5DXA
RF	B69 RGB90X120	3.00	3.549E-04	U5DYA	3.608E-03	U5DXA
RF	B69 RGB90X120	3.49	3.549E-04	U5DYA	3.681E-03	U5DXA
RF	B69 RGB90X120	3.97	3.549E-04	U5DYA	3.787E-03	U5DXA
RF	B69 RGB90X120	4.46	3.549E-04	U5DYA	3.923E-03	U5DXA
RF	B69 RGB90X120	4.94	3.549E-04	U5DYA	4.065E-03	U5DXA
RF	B69 RGB90X120	5.43	3.549E-04	U5DYA	4.176E-03	U5DXA
RF	B70 RGB90X120	0.58	3.184E-04	U5DYA	4.288E-03	U5DXA
RF	B70 RGB90X120	1.06	3.184E-04	U5DYA	4.177E-03	U5DXA
RF	B70 RGB90X120	1.55	3.184E-04	U5DYA	4.035E-03	U5DXA
RF	B70 RGB90X120	2.03	3.184E-04	U5DYA	3.899E-03	U5DXA
RF	B70 RGB90X120	2.52	3.184E-04	U5DYA	3.794E-03	U5DXA
RF	B70 RGB90X120	3.00	3.184E-04	U5DYA	3.720E-03	U5DXA
RF	B70 RGB90X120	3.00	2.885E-04	U5DYA	3.759E-03	U5DXA
RF	B70 RGB90X120	3.49	2.885E-04	U5DYA	3.832E-03	U5DXA
RF	B70 RGB90X120	3.97	2.885E-04	U5DYA	3.938E-03	U5DXA
RF	B70 RGB90X120	4.46	2.885E-04	U5DYA	4.074E-03	U5DXA
RF	B70 RGB90X120	4.94	2.885E-04	U5DYA	4.216E-03	U5DXA
RF	B70 RGB90X120	5.43	2.885E-04	U5DYA	4.327E-03	U5DXA
RF	B71 RGB90X120	0.58	2.978E-04	U5DYA	4.299E-03	U5DXA
RF	B71 RGB90X120	1.06	2.978E-04	U5DYA	4.188E-03	U5DXA
RF	B71 RGB90X120	1.55	2.978E-04	U5DYA	4.046E-03	U5DXA
RF	B71 RGB90X120	2.03	2.978E-04	U5DYA	3.910E-03	U5DXA
RF	B71 RGB90X120	2.52	2.978E-04	U5DYA	3.805E-03	U5DXA
RF	B71 RGB90X120	3.00	2.978E-04	U5DYA	3.731E-03	U5DXA
RF	B71 RGB90X120	3.00	2.695E-04	U5DYA	3.732E-03	U5DXA
RF	B71 RGB90X120	3.49	2.695E-04	U5DYA	3.805E-03	U5DXA
RF	B71 RGB90X120	3.97	2.695E-04	U5DYA	3.911E-03	U5DXA
RF	B71 RGB90X120	4.46	2.695E-04	U5DYA	4.047E-03	U5DXA
RF	B71 RGB90X120	4.94	2.695E-04	U5DYA	4.189E-03	U5DXA
RF	B71 RGB90X120	5.43	2.695E-04	U5DYA	4.300E-03	U5DXA
RF	B72 RGB90X120	0.58	2.985E-04	U5DYA	4.301E-03	U5DXA
RF	B72 RGB90X120	1.06	2.985E-04	U5DYA	4.190E-03	U5DXA
RF	B72 RGB90X120	1.55	2.985E-04	U5DYA	4.048E-03	U5DXA
RF	B72 RGB90X120	2.03	2.985E-04	U5DYA	3.912E-03	U5DXA
RF	B72 RGB90X120	2.52	2.985E-04	U5DYA	3.806E-03	U5DXA
RF	B72 RGB90X120	3.00	2.985E-04	U5DYA	3.733E-03	U5DXA
RF	B72 RGB90X120	3.00	3.093E-04	U5DYA	3.734E-03	U5DXA
RF	B72 RGB90X120	3.49	3.093E-04	U5DYA	3.808E-03	U5DXA
RF	B72 RGB90X120	3.97	3.093E-04	U5DYA	3.913E-03	U5DXA

RF	B72 RGB90X120	4.46	3.093E-04	U5DYA	4.050E-03	U5DXA
RF	B72 RGB90X120	4.94	3.093E-04	U5DYA	4.192E-03	U5DXA
RF	B72 RGB90X120	5.43	3.093E-04	U5DYA	4.303E-03	U5DXA
RF	B73 RGB90X120	0.58	3.231E-04	U5DYA	4.302E-03	U5DXA
RF	B73 RGB90X120	1.06	3.231E-04	U5DYA	4.191E-03	U5DXA
RF	B73 RGB90X120	1.55	3.231E-04	U5DYA	4.049E-03	U5DXA
RF	B73 RGB90X120	2.03	3.231E-04	U5DYA	3.912E-03	U5DXA
RF	B73 RGB90X120	2.52	3.231E-04	U5DYA	3.807E-03	U5DXA
RF	B73 RGB90X120	3.00	3.231E-04	U5DYA	3.733E-03	U5DXA
RF	B73 RGB90X120	3.00	3.453E-04	U5DYA	3.735E-03	U5DXA
RF	B73 RGB90X120	3.49	3.453E-04	U5DYA	3.809E-03	U5DXA
RF	B73 RGB90X120	3.97	3.453E-04	U5DYA	3.914E-03	U5DXA
RF	B73 RGB90X120	4.46	3.453E-04	U5DYA	4.051E-03	U5DXA
RF	B73 RGB90X120	4.94	3.453E-04	U5DYA	4.193E-03	U5DXA
RF	B73 RGB90X120	5.43	3.453E-04	U5DYA	4.304E-03	U5DXA
RF	B74 RGB90X120	0.58	3.390E-04	U5DYA	4.299E-03	U5DXA
RF	B74 RGB90X120	1.06	3.390E-04	U5DYA	4.188E-03	U5DXA
RF	B74 RGB90X120	1.55	3.390E-04	U5DYA	4.046E-03	U5DXA
RF	B74 RGB90X120	2.03	3.390E-04	U5DYA	3.909E-03	U5DXA
RF	B74 RGB90X120	2.52	3.390E-04	U5DYA	3.804E-03	U5DXA
RF	B74 RGB90X120	3.00	3.390E-04	U5DYA	3.730E-03	U5DXA
RF	B74 RGB90X120	3.00	3.357E-04	U5DYA	3.732E-03	U5DXA
RF	B74 RGB90X120	3.49	3.357E-04	U5DYA	3.806E-03	U5DXA
RF	B74 RGB90X120	3.97	3.357E-04	U5DYA	3.912E-03	U5DXA
RF	B74 RGB90X120	4.46	3.357E-04	U5DYA	4.048E-03	U5DXA
RF	B74 RGB90X120	4.94	3.357E-04	U5DYA	4.190E-03	U5DXA
RF	B74 RGB90X120	5.43	3.357E-04	U5DYA	4.301E-03	U5DXA
RF	B75 RGB90X120	0.58	3.263E-04	U5DYA	4.285E-03	U5DXA
RF	B75 RGB90X120	1.06	3.263E-04	U5DYA	4.174E-03	U5DXA
RF	B75 RGB90X120	1.55	3.263E-04	U5DYA	4.032E-03	U5DXA
RF	B75 RGB90X120	2.03	3.263E-04	U5DYA	3.895E-03	U5DXA
RF	B75 RGB90X120	2.52	3.263E-04	U5DYA	3.790E-03	U5DXA
RF	B75 RGB90X120	3.00	3.263E-04	U5DYA	3.716E-03	U5DXA
RF	B75 RGB90X120	3.00	3.052E-04	U5DYA	3.714E-03	U5DXA
RF	B75 RGB90X120	3.49	3.052E-04	U5DYA	3.788E-03	U5DXA
RF	B75 RGB90X120	3.97	3.052E-04	U5DYA	3.893E-03	U5DXA
RF	B75 RGB90X120	4.46	3.052E-04	U5DYA	4.029E-03	U5DXA
RF	B75 RGB90X120	4.94	3.052E-04	U5DYA	4.172E-03	U5DXA
RF	B75 RGB90X120	5.43	3.052E-04	U5DYA	4.283E-03	U5DXA
RF	B76 RGB90X120	0.58	3.069E-04	U5DYA	4.379E-03	U5DXA
RF	B76 RGB90X120	1.06	3.069E-04	U5DYA	4.268E-03	U5DXA
RF	B76 RGB90X120	1.55	3.069E-04	U5DYA	4.126E-03	U5DXA
RF	B76 RGB90X120	2.03	3.069E-04	U5DYA	3.989E-03	U5DXA
RF	B76 RGB90X120	2.52	3.069E-04	U5DYA	3.884E-03	U5DXA
RF	B76 RGB90X120	3.00	3.069E-04	U5DYA	3.810E-03	U5DXA
RF	B76 RGB90X120	3.00	2.817E-04	U5DYA	3.595E-03	U5DXA
RF	B76 RGB90X120	3.49	2.817E-04	U5DYA	3.669E-03	U5DXA
RF	B76 RGB90X120	3.97	2.817E-04	U5DYA	3.774E-03	U5DXA
RF	B76 RGB90X120	4.46	2.817E-04	U5DYA	3.910E-03	U5DXA
RF	B76 RGB90X120	4.94	2.817E-04	U5DYA	4.053E-03	U5DXA
RF	B76 RGB90X120	5.43	2.817E-04	U5DYA	4.164E-03	U5DXA
RF	B77 RGB90X120	0.58	3.287E-04	U5DYA	3.756E-03	U5DXA
RF	B77 RGB90X120	1.07	3.287E-04	U5DYA	3.642E-03	U5DXA
RF	B77 RGB90X120	1.56	3.287E-04	U5DYA	3.508E-03	U5DXA
RF	B77 RGB90X120	2.06	3.287E-04	U5DYA	3.400E-03	U5DXA
RF	B77 RGB90X120	2.55	3.287E-04	U5DYA	3.324E-03	U5DXA
RF	B77 RGB90X120	2.55	2.762E-04	U5DYA	3.870E-03	U5DXA
RF	B77 RGB90X120	3.04	2.762E-04	U5DYA	3.945E-03	U5DXA
RF	B77 RGB90X120	3.54	2.762E-04	U5DYA	4.053E-03	U5DXA
RF	B77 RGB90X120	4.03	2.762E-04	U5DYA	4.188E-03	U5DXA

RF	B77	RGB90X120	4.52	2.762E-04	U5DYA	4.302E-03	U5DXA
RF	B78	RGB90X120	0.58	4.847E-04	U5DYA	4.544E-03	U5DXA
RF	B78	RGB90X120	1.05	4.847E-04	U5DYA	4.434E-03	U5DXA
RF	B78	RGB90X120	1.53	4.847E-04	U5DYA	4.294E-03	U5DXA
RF	B78	RGB90X120	2.01	4.847E-04	U5DYA	4.134E-03	U5DXA
RF	B78	RGB90X120	2.49	4.847E-04	U5DYA	4.000E-03	U5DXA
RF	B78	RGB90X120	2.97	4.847E-04	U5DYA	3.897E-03	U5DXA
RF	B78	RGB90X120	3.45	4.847E-04	U5DYA	3.824E-03	U5DXA
RF	B78	RGB90X120	3.45	8.486E-04	U5DYA	3.855E-03	U5DXA
RF	B78	RGB90X120	3.93	8.486E-04	U5DYA	3.927E-03	U5DXA
RF	B78	RGB90X120	4.40	8.486E-04	U5DYA	4.029E-03	U5DXA
RF	B78	RGB90X120	4.88	8.486E-04	U5DYA	4.161E-03	U5DXA
RF	B78	RGB90X120	5.35	8.486E-04	U5DYA	4.324E-03	U5DXB
RF	B78	RGB90X120	5.83	8.486E-04	U5DYA	4.475E-03	U5DXB
RF	B78	RGB90X120	6.30	8.486E-04	U5DYA	4.594E-03	U5DXB
RF	B79	G100X150	0.60	1.047E-03	U5DYA	5.418E-03	U5DXB
RF	B79	G100X150	1.08	1.047E-03	U5DYA	5.305E-03	U5DXB
RF	B79	G100X150	1.56	1.047E-03	U5DYA	5.166E-03	U5DXB
RF	B79	G100X150	2.04	1.047E-03	U5DYA	5.034E-03	U5DXB
RF	B79	G100X150	2.52	1.047E-03	U5DYA	4.927E-03	U5DXB
RF	B79	G100X150	3.00	1.047E-03	U5DYA	4.846E-03	U5DXB
RF	B79	G100X150	3.00	4.523E-04	U5DYA	3.472E-03	U5DYB
RF	B79	G100X150	3.50	4.523E-04	U5DYA	3.473E-03	U5DYB
RF	B79	G100X150	4.00	4.523E-04	U5DYA	3.478E-03	U5DYB
RF	B79	G100X150	4.50	4.523E-04	U5DYA	3.485E-03	U5DYB
RF	B79	G100X150	5.00	4.523E-04	U5DYA	3.492E-03	U5DYB
RF	B79	G100X150	5.50	4.523E-04	U5DYA	3.497E-03	U5DYB
RF	B79	G100X150	6.00	4.523E-04	U5DYA	3.498E-03	U5DYB
RF	B79	G100X150	6.00	2.522E-04	U5DYA	6.401E-03	U5DXB
RF	B79	G100X150	6.49	2.522E-04	U5DYA	6.484E-03	U5DXB
RF	B79	G100X150	6.98	2.522E-04	U5DYA	6.594E-03	U5DXB
RF	B79	G100X150	7.47	2.522E-04	U5DYA	6.730E-03	U5DXB
RF	B79	G100X150	7.96	2.522E-04	U5DYA	6.870E-03	U5DXB
RF	B79	G100X150	8.45	2.522E-04	U5DYA	6.983E-03	U5DXB
RF	B85	G90X120	0.60	2.997E-04	U5DXA	1.275E-03	U5EYB
RF	B85	G90X120	1.10	2.997E-04	U5DXA	1.161E-03	U5EYB
RF	B85	G90X120	1.59	2.997E-04	U5DXA	1.029E-03	U5EYB
RF	B85	G90X120	2.09	2.997E-04	U5DXA	8.910E-04	U5EYB
RF	B85	G90X120	2.59	2.997E-04	U5DXA	7.532E-04	U5EYB
RF	B85	G90X120	3.09	2.997E-04	U5DXA	5.345E-04	U5DYB
RF	B85	G90X120	3.58	2.997E-04	U5DXA	5.289E-04	U5DYB
RF	B85	G90X120	4.08	2.997E-04	U5DXA	5.234E-04	U5DYB
RF	B85	G90X120	4.58	2.997E-04	U5DXA	5.179E-04	U5DYB
RF	B85	G90X120	5.08	2.997E-04	U5DXA	5.123E-04	U5DYB
RF	B85	G90X120	5.57	2.997E-04	U5DXA	5.162E-04	U5DYB
RF	B85	G90X120	6.07	2.997E-04	U5DXA	5.218E-04	U5DYB
RF	B85	G90X120	6.57	2.997E-04	U5DXA	5.273E-04	U5DYB
RF	B85	G90X120	7.07	2.997E-04	U5DXA	5.328E-04	U5DYB
RF	B85	G90X120	7.56	2.997E-04	U5DXA	5.384E-04	U5DYB
RF	B85	G90X120	8.06	2.997E-04	U5DXA	7.941E-04	U5EYB
RF	B85	G90X120	8.56	2.997E-04	U5DXA	9.318E-04	U5EYB
RF	B85	G90X120	9.06	2.997E-04	U5DXA	1.070E-03	U5EYB
RF	B85	G90X120	9.55	2.997E-04	U5DXA	1.207E-03	U5EYB
RF	B85	G90X120	10.05	2.997E-04	U5DXA	1.345E-03	U5EYB
RF	B88	G90X120	0.60	0.0	U7DYB	2.665E-03	U5EYB
RF	B88	G90X120	1.09	0.0	U7DYB	2.551E-03	U5EYB
RF	B88	G90X120	1.59	0.0	U7DYB	2.420E-03	U5EYB
RF	B88	G90X120	2.08	0.0	U7DYB	2.283E-03	U5EYB
RF	B88	G90X120	2.58	0.0	U7DYB	2.146E-03	U5EYB
RF	B88	G90X120	3.07	0.0	U7DYB	2.009E-03	U5EYB
RF	B88	G90X120	3.57	0.0	U7DYB	1.872E-03	U5EYB

RF	B88	G90X120	4.06	0.0	U7DYB	1.735E-03	U5EYB
RF	B88	G90X120	4.56	0.0	U7DYB	1.597E-03	U5EYB
RF	B88	G90X120	5.05	0.0	U7DYB	1.460E-03	U5EYB
RF	B88	G90X120	5.55	0.0	U7DYB	8.357E-04	U5DYB
RF	B88	G90X120	6.04	0.0	U7DYB	8.302E-04	U5DYB
RF	B88	G90X120	6.54	0.0	U7DYB	8.247E-04	U5DYB
RF	B88	G90X120	7.03	0.0	U7DYB	8.192E-04	U5DYB
RF	B88	G90X120	7.53	0.0	U7DYB	8.137E-04	U5DYB
RF	B88	G90X120	8.02	0.0	U7DYB	8.082E-04	U5DYB
RF	B88	G90X120	8.52	0.0	U7DYB	8.027E-04	U5DYB
RF	B88	G90X120	9.01	0.0	U7DYB	7.972E-04	U5DYB
RF	B88	G90X120	9.51	0.0	U7DYB	7.916E-04	U5DYB
RF	B88	G90X120	10.00	0.0	U7DYB	7.861E-04	U5DYB
RF	B88	G90X120	10.50	0.0	U7DYB	7.842E-04	U5DYB
RF	B88	G90X120	10.99	0.0	U7DYB	7.897E-04	U5DYB
RF	B88	G90X120	11.49	0.0	U7DYB	7.952E-04	U5DYB
RF	B88	G90X120	11.98	0.0	U7DYB	8.007E-04	U5DYB
RF	B88	G90X120	12.48	0.0	U7DYB	8.062E-04	U5DYB
RF	B88	G90X120	12.97	0.0	U7DYB	8.117E-04	U5DYB
RF	B88	G90X120	13.47	0.0	U7DYB	8.172E-04	U5DYB
RF	B88	G90X120	13.96	0.0	U7DYB	8.227E-04	U5DYB
RF	B88	G90X120	14.46	0.0	U7DYB	8.282E-04	U5DYB
RF	B88	G90X120	14.95	0.0	U7DYB	8.337E-04	U5DYB
RF	B88	G90X120	15.45	0.0	U7DYB	1.426E-03	U5EYB
RF	B88	G90X120	15.94	0.0	U7DYB	1.563E-03	U5EYB
RF	B88	G90X120	16.44	0.0	U7DYB	1.700E-03	U5EYB
RF	B88	G90X120	16.93	0.0	U7DYB	1.837E-03	U5EYB
RF	B88	G90X120	17.43	0.0	U7DYB	1.974E-03	U5EYB
RF	B88	G90X120	17.92	0.0	U7DYB	2.111E-03	U5EYB
RF	B88	G90X120	18.42	0.0	U7DYB	2.248E-03	U5EYB
RF	B88	G90X120	18.91	0.0	U7DYB	2.385E-03	U5EYB
RF	B88	G90X120	19.41	0.0	U7DYB	2.517E-03	U5EYB
RF	B88	G90X120	19.90	0.0	U7DYB	2.631E-03	U5EYB
RF	B89	RB90X110	0.00	0.0	U7DYB	8.255E-04	U5DXB
RF	B89	RB90X110	0.50	0.0	U7DYB	7.568E-04	U5DXB
RF	B89	RB90X110	1.00	0.0	U7DYB	6.564E-04	U5DXB
RF	B89	RB90X110	1.50	0.0	U7DYB	5.244E-04	U5DXB
RF	B89	RB90X110	2.00	0.0	U7DYB	3.766E-04	U5DXB
RF	B89	RB90X110	2.50	0.0	U7DYB	2.288E-04	U5DXB
RF	B89	RB90X110	3.00	0.0	U7DYB	8.092E-05	U5DXB
RF	B89	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB

RF	B89	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B89	RB90X110	18.00	0.0	U7DYB	1.136E-04	U5DXB
RF	B89	RB90X110	18.50	0.0	U7DYB	2.614E-04	U5DXB
RF	B89	RB90X110	19.00	0.0	U7DYB	4.093E-04	U5DXB
RF	B89	RB90X110	19.50	0.0	U7DYB	5.413E-04	U5DXB
RF	B89	RB90X110	20.00	0.0	U7DYB	6.416E-04	U5DXB
RF	B89	RB90X110	20.50	0.0	U7DYB	7.103E-04	U5DXB
RF	B90	RGG90X120	0.58	0.0	U7DYB	3.520E-03	U5DYB
RF	B90	RGG90X120	1.07	0.0	U7DYB	3.396E-03	U5DYB
RF	B90	RGG90X120	1.57	0.0	U7DYB	3.238E-03	U5DYB
RF	B90	RGG90X120	2.06	0.0	U7DYB	3.067E-03	U5DYB
RF	B90	RGG90X120	2.56	0.0	U7DYB	2.895E-03	U5DYB
RF	B90	RGG90X120	3.05	0.0	U7DYB	2.724E-03	U5DYB
RF	B90	RGG90X120	3.55	0.0	U7DYB	2.552E-03	U5DYB
RF	B90	RGG90X120	4.04	0.0	U7DYB	2.381E-03	U5DYB
RF	B90	RGG90X120	4.54	0.0	U7DYB	2.210E-03	U5DYB
RF	B90	RGG90X120	5.03	0.0	U7DYB	2.038E-03	U5DYB
RF	B90	RGG90X120	5.53	0.0	U7DYB	1.345E-03	U7DYB
RF	B90	RGG90X120	6.03	0.0	U7DYB	1.092E-03	U5DYB
RF	B90	RGG90X120	6.52	0.0	U7DYB	1.081E-03	U5DYB
RF	B90	RGG90X120	7.02	0.0	U7DYB	1.070E-03	U5DYB
RF	B90	RGG90X120	7.51	0.0	U7DYB	1.059E-03	U5DYB
RF	B90	RGG90X120	8.01	0.0	U7DYB	1.048E-03	U5DYB
RF	B90	RGG90X120	8.50	0.0	U7DYB	1.037E-03	U5DYB
RF	B90	RGG90X120	9.00	0.0	U7DYB	1.026E-03	U5DYB
RF	B90	RGG90X120	9.49	0.0	U7DYB	1.015E-03	U5DYB
RF	B90	RGG90X120	9.99	0.0	U7DYB	1.003E-03	U5DYB
RF	B90	RGG90X120	10.49	0.0	U7DYB	9.925E-04	U5DYB
RF	B90	RGG90X120	10.98	0.0	U7DYB	9.839E-04	U5DYB
RF	B90	RGG90X120	11.48	0.0	U7DYB	9.949E-04	U5DYB
RF	B90	RGG90X120	11.97	0.0	U7DYB	1.006E-03	U5DYB
RF	B90	RGG90X120	12.47	0.0	U7DYB	1.017E-03	U5DYB
RF	B90	RGG90X120	12.96	0.0	U7DYB	1.028E-03	U5DYB
RF	B90	RGG90X120	13.46	0.0	U7DYB	1.039E-03	U5DYB
RF	B90	RGG90X120	13.95	0.0	U7DYB	1.050E-03	U5DYB
RF	B90	RGG90X120	14.45	0.0	U7DYB	1.061E-03	U5DYB
RF	B90	RGG90X120	14.94	0.0	U7DYB	1.072E-03	U5DYB
RF	B90	RGG90X120	15.44	0.0	U7DYB	1.083E-03	U5DYB
RF	B90	RGG90X120	15.94	0.0	U7DYB	1.298E-03	U7DYB
RF	B90	RGG90X120	16.43	0.0	U7DYB	1.967E-03	U5DYB
RF	B90	RGG90X120	16.93	0.0	U7DYB	2.139E-03	U5DYB
RF	B90	RGG90X120	17.42	0.0	U7DYB	2.310E-03	U5DYB
RF	B90	RGG90X120	17.92	0.0	U7DYB	2.482E-03	U5DYB
RF	B90	RGG90X120	18.41	0.0	U7DYB	2.653E-03	U5DYB
RF	B90	RGG90X120	18.91	0.0	U7DYB	2.824E-03	U5DYB
RF	B90	RGG90X120	19.40	0.0	U7DYB	2.984E-03	U5DYB
RF	B90	RGG90X120	19.90	0.0	U7DYB	3.109E-03	U5DYB
RF	B91	RB90X110	0.00	0.0	U7DYB	9.150E-04	U5DYB
RF	B91	RB90X110	0.50	0.0	U7DYB	8.463E-04	U5DYB
RF	B91	RB90X110	1.00	0.0	U7DYB	7.460E-04	U5DYB
RF	B91	RB90X110	1.50	0.0	U7DYB	6.140E-04	U5DYB
RF	B91	RB90X110	2.00	0.0	U7DYB	4.661E-04	U5DYB
RF	B91	RB90X110	2.50	0.0	U7DYB	3.183E-04	U5DYB
RF	B91	RB90X110	3.00	0.0	U7DYB	1.705E-04	U5DYB
RF	B91	RB90X110	3.50	0.0	U7DYB	2.262E-05	U5DYB
RF	B91	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB

RF	B91	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B91	RB90X110	18.00	0.0	U7DYB	4.501E-05	U5DYB
RF	B91	RB90X110	18.50	0.0	U7DYB	1.928E-04	U5DYB
RF	B91	RB90X110	19.00	0.0	U7DYB	3.407E-04	U5DYB
RF	B91	RB90X110	19.50	0.0	U7DYB	4.727E-04	U5DYB
RF	B91	RB90X110	20.00	0.0	U7DYB	5.730E-04	U5DYB
RF	B91	RB90X110	20.50	0.0	U7DYB	6.417E-04	U5DYB

RF	B92	RGG90X120	0.58	0.0	U7DYB	3.719E-03	U5DYB
RF	B92	RGG90X120	1.07	0.0	U7DYB	3.596E-03	U5DYB
RF	B92	RGG90X120	1.57	0.0	U7DYB	3.438E-03	U5DYB
RF	B92	RGG90X120	2.06	0.0	U7DYB	3.266E-03	U5DYB
RF	B92	RGG90X120	2.56	0.0	U7DYB	3.095E-03	U5DYB
RF	B92	RGG90X120	3.05	0.0	U7DYB	2.924E-03	U5DYB
RF	B92	RGG90X120	3.55	0.0	U7DYB	2.752E-03	U5DYB
RF	B92	RGG90X120	4.04	0.0	U7DYB	2.581E-03	U5DYB
RF	B92	RGG90X120	4.54	0.0	U7DYB	2.409E-03	U5DYB
RF	B92	RGG90X120	5.03	0.0	U7DYB	2.238E-03	U5DYB
RF	B92	RGG90X120	5.53	0.0	U7DYB	2.067E-03	U5DYB
RF	B92	RGG90X120	6.03	0.0	U7DYB	1.359E-03	U7DYA
RF	B92	RGG90X120	6.52	0.0	U7DYB	1.262E-03	U5DYB
RF	B92	RGG90X120	7.02	0.0	U7DYB	1.251E-03	U5DYB
RF	B92	RGG90X120	7.51	0.0	U7DYB	1.240E-03	U5DYB
RF	B92	RGG90X120	8.01	0.0	U7DYB	1.229E-03	U5DYB
RF	B92	RGG90X120	8.50	0.0	U7DYB	1.218E-03	U5DYB
RF	B92	RGG90X120	9.00	0.0	U7DYB	1.206E-03	U5DYB
RF	B92	RGG90X120	9.49	0.0	U7DYB	1.195E-03	U5DYB
RF	B92	RGG90X120	9.99	0.0	U7DYB	1.184E-03	U5DYB
RF	B92	RGG90X120	10.49	0.0	U7DYB	1.173E-03	U5DYB
RF	B92	RGG90X120	10.98	0.0	U7DYB	1.162E-03	U5DYB
RF	B92	RGG90X120	11.48	0.0	U7DYB	1.151E-03	U5DYB
RF	B92	RGG90X120	11.97	0.0	U7DYB	1.140E-03	U5DYB
RF	B92	RGG90X120	12.47	0.0	U7DYB	1.129E-03	U5DYB
RF	B92	RGG90X120	12.96	0.0	U7DYB	1.136E-03	U5DYB
RF	B92	RGG90X120	13.46	0.0	U7DYB	1.147E-03	U5DYB
RF	B92	RGG90X120	13.95	0.0	U7DYB	1.158E-03	U5DYB
RF	B92	RGG90X120	14.45	0.0	U7DYB	1.169E-03	U5DYB
RF	B92	RGG90X120	14.94	0.0	U7DYB	1.180E-03	U5DYB
RF	B92	RGG90X120	15.44	0.0	U7DYB	1.191E-03	U5DYB
RF	B92	RGG90X120	15.94	0.0	U7DYB	1.202E-03	U5DYB
RF	B92	RGG90X120	16.43	0.0	U7DYB	1.365E-03	U7DYA
RF	B92	RGG90X120	16.93	0.0	U7DYB	2.001E-03	U5DYB

RF	B92	RGG90X120	17.42	0.0	U7DYB	2.172E-03	U5DYB
RF	B92	RGG90X120	17.92	0.0	U7DYB	2.344E-03	U5DYB
RF	B92	RGG90X120	18.41	0.0	U7DYB	2.515E-03	U5DYB
RF	B92	RGG90X120	18.91	0.0	U7DYB	2.686E-03	U5DYB
RF	B92	RGG90X120	19.40	0.0	U7DYB	2.846E-03	U5DYB
RF	B92	RGG90X120	19.90	0.0	U7DYB	2.971E-03	U5DYB
RF	B93	RB90X110	0.00	0.0	U7DYB	9.442E-04	U5DYB
RF	B93	RB90X110	0.50	0.0	U7DYB	8.755E-04	U5DYB
RF	B93	RB90X110	1.00	0.0	U7DYB	7.751E-04	U5DYB
RF	B93	RB90X110	1.50	0.0	U7DYB	6.431E-04	U5DYB
RF	B93	RB90X110	2.00	0.0	U7DYB	4.953E-04	U5DYB
RF	B93	RB90X110	2.50	0.0	U7DYB	3.475E-04	U5DYB
RF	B93	RB90X110	3.00	0.0	U7DYB	1.996E-04	U5DYB
RF	B93	RB90X110	3.50	0.0	U7DYB	5.178E-05	U5DYB
RF	B93	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B93	RB90X110	18.00	0.0	U7DYB	2.435E-05	U5DYB
RF	B93	RB90X110	18.50	0.0	U7DYB	1.722E-04	U5DYB
RF	B93	RB90X110	19.00	0.0	U7DYB	3.200E-04	U5DYB
RF	B93	RB90X110	19.50	0.0	U7DYB	4.520E-04	U5DYB
RF	B93	RB90X110	20.00	0.0	U7DYB	5.524E-04	U5DYB
RF	B93	RB90X110	20.50	0.0	U7DYB	6.210E-04	U5DYB
RF	B94	RGG90X120	0.58	0.0	U7DYB	3.613E-03	U5DYB
RF	B94	RGG90X120	1.07	0.0	U7DYB	3.490E-03	U5DYB
RF	B94	RGG90X120	1.57	0.0	U7DYB	3.332E-03	U5DYB
RF	B94	RGG90X120	2.06	0.0	U7DYB	3.160E-03	U5DYB
RF	B94	RGG90X120	2.56	0.0	U7DYB	2.989E-03	U5DYB
RF	B94	RGG90X120	3.05	0.0	U7DYB	2.818E-03	U5DYB
RF	B94	RGG90X120	3.55	0.0	U7DYB	2.646E-03	U5DYB
RF	B94	RGG90X120	4.04	0.0	U7DYB	2.475E-03	U5DYB
RF	B94	RGG90X120	4.54	0.0	U7DYB	2.303E-03	U5DYB
RF	B94	RGG90X120	5.03	0.0	U7DYB	2.132E-03	U5DYB
RF	B94	RGG90X120	5.53	0.0	U7DYB	1.927E-03	U5DYA
RF	B94	RGG90X120	6.03	0.0	U7DYB	1.273E-03	U7DYA
RF	B94	RGG90X120	6.52	0.0	U7DYB	1.125E-03	U5DYB
RF	B94	RGG90X120	7.02	0.0	U7DYB	1.114E-03	U5DYB
RF	B94	RGG90X120	7.51	0.0	U7DYB	1.103E-03	U5DYB

RF	B94	RGG90X120	8.01	0.0	U7DYB	1.092E-03	U5DYB
RF	B94	RGG90X120	8.50	0.0	U7DYB	1.081E-03	U5DYB
RF	B94	RGG90X120	9.00	0.0	U7DYB	1.070E-03	U5DYB
RF	B94	RGG90X120	9.49	0.0	U7DYB	1.059E-03	U5DYB
RF	B94	RGG90X120	9.99	0.0	U7DYB	1.048E-03	U5DYB
RF	B94	RGG90X120	10.49	0.0	U7DYB	1.037E-03	U5DYB
RF	B94	RGG90X120	10.98	0.0	U7DYB	1.026E-03	U5DYB
RF	B94	RGG90X120	11.48	0.0	U7DYB	1.028E-03	U5DYB
RF	B94	RGG90X120	11.97	0.0	U7DYB	1.039E-03	U5DYB
RF	B94	RGG90X120	12.47	0.0	U7DYB	1.050E-03	U5DYB
RF	B94	RGG90X120	12.96	0.0	U7DYB	1.061E-03	U5DYB
RF	B94	RGG90X120	13.46	0.0	U7DYB	1.073E-03	U5DYB
RF	B94	RGG90X120	13.95	0.0	U7DYB	1.084E-03	U5DYB
RF	B94	RGG90X120	14.45	0.0	U7DYB	1.095E-03	U5DYB
RF	B94	RGG90X120	14.94	0.0	U7DYB	1.106E-03	U5DYB
RF	B94	RGG90X120	15.44	0.0	U7DYB	1.117E-03	U5DYB
RF	B94	RGG90X120	15.94	0.0	U7DYB	1.242E-03	U7DYA
RF	B94	RGG90X120	16.43	0.0	U7DYB	1.876E-03	U5DYA
RF	B94	RGG90X120	16.93	0.0	U7DYB	2.077E-03	U5DYB
RF	B94	RGG90X120	17.42	0.0	U7DYB	2.248E-03	U5DYB
RF	B94	RGG90X120	17.92	0.0	U7DYB	2.420E-03	U5DYB
RF	B94	RGG90X120	18.41	0.0	U7DYB	2.591E-03	U5DYB
RF	B94	RGG90X120	18.91	0.0	U7DYB	2.763E-03	U5DYB
RF	B94	RGG90X120	19.40	0.0	U7DYB	2.922E-03	U5DYB
RF	B94	RGG90X120	19.90	0.0	U7DYB	3.047E-03	U5DYB
RF	B95	RB90X110	0.00	0.0	U7DYB	9.382E-04	U5DYB
RF	B95	RB90X110	0.50	0.0	U7DYB	8.695E-04	U5DYB
RF	B95	RB90X110	1.00	0.0	U7DYB	7.692E-04	U5DYB
RF	B95	RB90X110	1.50	0.0	U7DYB	6.372E-04	U5DYB
RF	B95	RB90X110	2.00	0.0	U7DYB	4.893E-04	U5DYB
RF	B95	RB90X110	2.50	0.0	U7DYB	3.415E-04	U5DYB
RF	B95	RB90X110	3.00	0.0	U7DYB	1.936E-04	U5DYB
RF	B95	RB90X110	3.50	0.0	U7DYB	4.581E-05	U5DYB
RF	B95	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B95	RB90X110	18.00	0.0	U7DYB	3.040E-05	U5DYB
RF	B95	RB90X110	18.50	0.0	U7DYB	1.782E-04	U5DYB
RF	B95	RB90X110	19.00	0.0	U7DYB	3.261E-04	U5DYB

RF	B95	RB90X110	19.50	0.0	U7DYB	4.581E-04	U5DYB
RF	B95	RB90X110	20.00	0.0	U7DYB	5.584E-04	U5DYB
RF	B95	RB90X110	20.50	0.0	U7DYB	6.271E-04	U5DYB
RF	B96	RGG90X120	0.58	0.0	U7DYB	3.611E-03	U5DYB
RF	B96	RGG90X120	1.07	0.0	U7DYB	3.487E-03	U5DYB
RF	B96	RGG90X120	1.57	0.0	U7DYB	3.329E-03	U5DYB
RF	B96	RGG90X120	2.06	0.0	U7DYB	3.158E-03	U5DYB
RF	B96	RGG90X120	2.56	0.0	U7DYB	2.986E-03	U5DYB
RF	B96	RGG90X120	3.05	0.0	U7DYB	2.815E-03	U5DYB
RF	B96	RGG90X120	3.55	0.0	U7DYB	2.644E-03	U5DYB
RF	B96	RGG90X120	4.04	0.0	U7DYB	2.472E-03	U5DYB
RF	B96	RGG90X120	4.54	0.0	U7DYB	2.301E-03	U5DYB
RF	B96	RGG90X120	5.03	0.0	U7DYB	2.129E-03	U5DYB
RF	B96	RGG90X120	5.53	0.0	U7DYB	1.923E-03	U5DYA
RF	B96	RGG90X120	6.03	0.0	U7DYB	1.271E-03	U7DYA
RF	B96	RGG90X120	6.52	0.0	U7DYB	1.121E-03	U5DYB
RF	B96	RGG90X120	7.02	0.0	U7DYB	1.110E-03	U5DYB
RF	B96	RGG90X120	7.51	0.0	U7DYB	1.099E-03	U5DYB
RF	B96	RGG90X120	8.01	0.0	U7DYB	1.088E-03	U5DYB
RF	B96	RGG90X120	8.50	0.0	U7DYB	1.077E-03	U5DYB
RF	B96	RGG90X120	9.00	0.0	U7DYB	1.066E-03	U5DYB
RF	B96	RGG90X120	9.49	0.0	U7DYB	1.055E-03	U5DYB
RF	B96	RGG90X120	9.99	0.0	U7DYB	1.044E-03	U5DYB
RF	B96	RGG90X120	10.49	0.0	U7DYB	1.033E-03	U5DYB
RF	B96	RGG90X120	10.98	0.0	U7DYB	1.022E-03	U5DYB
RF	B96	RGG90X120	11.48	0.0	U7DYB	1.027E-03	U5DYB
RF	B96	RGG90X120	11.97	0.0	U7DYB	1.038E-03	U5DYB
RF	B96	RGG90X120	12.47	0.0	U7DYB	1.049E-03	U5DYB
RF	B96	RGG90X120	12.96	0.0	U7DYB	1.060E-03	U5DYB
RF	B96	RGG90X120	13.46	0.0	U7DYB	1.071E-03	U5DYB
RF	B96	RGG90X120	13.95	0.0	U7DYB	1.082E-03	U5DYB
RF	B96	RGG90X120	14.45	0.0	U7DYB	1.093E-03	U5DYB
RF	B96	RGG90X120	14.94	0.0	U7DYB	1.104E-03	U5DYB
RF	B96	RGG90X120	15.44	0.0	U7DYB	1.115E-03	U5DYB
RF	B96	RGG90X120	15.94	0.0	U7DYB	1.240E-03	U7DYA
RF	B96	RGG90X120	16.43	0.0	U7DYB	1.876E-03	U5DYA
RF	B96	RGG90X120	16.93	0.0	U7DYB	2.078E-03	U5DYB
RF	B96	RGG90X120	17.42	0.0	U7DYB	2.250E-03	U5DYB
RF	B96	RGG90X120	17.92	0.0	U7DYB	2.421E-03	U5DYB
RF	B96	RGG90X120	18.41	0.0	U7DYB	2.593E-03	U5DYB
RF	B96	RGG90X120	18.91	0.0	U7DYB	2.764E-03	U5DYB
RF	B96	RGG90X120	19.40	0.0	U7DYB	2.924E-03	U5DYB
RF	B96	RGG90X120	19.90	0.0	U7DYB	3.049E-03	U5DYB
RF	B97	RB90X110	0.00	0.0	U7DYB	9.370E-04	U5DYB
RF	B97	RB90X110	0.50	0.0	U7DYB	8.684E-04	U5DYB
RF	B97	RB90X110	1.00	0.0	U7DYB	7.680E-04	U5DYB
RF	B97	RB90X110	1.50	0.0	U7DYB	6.360E-04	U5DYB
RF	B97	RB90X110	2.00	0.0	U7DYB	4.882E-04	U5DYB
RF	B97	RB90X110	2.50	0.0	U7DYB	3.403E-04	U5DYB
RF	B97	RB90X110	3.00	0.0	U7DYB	1.925E-04	U5DYB
RF	B97	RB90X110	3.50	0.0	U7DYB	4.465E-05	U5DYB
RF	B97	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB

RF	B97	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B97	RB90X110	18.00	0.0	U7DYB	3.286E-05	U5DYB
RF	B97	RB90X110	18.50	0.0	U7DYB	1.807E-04	U5DYB
RF	B97	RB90X110	19.00	0.0	U7DYB	3.285E-04	U5DYB
RF	B97	RB90X110	19.50	0.0	U7DYB	4.605E-04	U5DYB
RF	B97	RB90X110	20.00	0.0	U7DYB	5.609E-04	U5DYB
RF	B97	RB90X110	20.50	0.0	U7DYB	6.296E-04	U5DYB
RF	B98	RGG90X120	0.58	0.0	U7DYB	3.608E-03	U5DYB
RF	B98	RGG90X120	1.07	0.0	U7DYB	3.485E-03	U5DYB
RF	B98	RGG90X120	1.57	0.0	U7DYB	3.326E-03	U5DYB
RF	B98	RGG90X120	2.06	0.0	U7DYB	3.155E-03	U5DYB
RF	B98	RGG90X120	2.56	0.0	U7DYB	2.984E-03	U5DYB
RF	B98	RGG90X120	3.05	0.0	U7DYB	2.812E-03	U5DYB
RF	B98	RGG90X120	3.55	0.0	U7DYB	2.641E-03	U5DYB
RF	B98	RGG90X120	4.04	0.0	U7DYB	2.469E-03	U5DYB
RF	B98	RGG90X120	4.54	0.0	U7DYB	2.298E-03	U5DYB
RF	B98	RGG90X120	5.03	0.0	U7DYB	2.126E-03	U5DYB
RF	B98	RGG90X120	5.53	0.0	U7DYB	1.918E-03	U5DYA
RF	B98	RGG90X120	6.03	0.0	U7DYB	1.266E-03	U7DYA
RF	B98	RGG90X120	6.52	0.0	U7DYB	1.112E-03	U5DYB
RF	B98	RGG90X120	7.02	0.0	U7DYB	1.101E-03	U5DYB
RF	B98	RGG90X120	7.51	0.0	U7DYB	1.090E-03	U5DYB
RF	B98	RGG90X120	8.01	0.0	U7DYB	1.079E-03	U5DYB
RF	B98	RGG90X120	8.50	0.0	U7DYB	1.068E-03	U5DYB
RF	B98	RGG90X120	9.00	0.0	U7DYB	1.057E-03	U5DYB
RF	B98	RGG90X120	9.49	0.0	U7DYB	1.046E-03	U5DYB
RF	B98	RGG90X120	9.99	0.0	U7DYB	1.035E-03	U5DYB
RF	B98	RGG90X120	10.49	0.0	U7DYB	1.024E-03	U5DYB
RF	B98	RGG90X120	10.98	0.0	U7DYB	1.013E-03	U5DYB
RF	B98	RGG90X120	11.48	0.0	U7DYB	1.020E-03	U5DYB
RF	B98	RGG90X120	11.97	0.0	U7DYB	1.031E-03	U5DYB
RF	B98	RGG90X120	12.47	0.0	U7DYB	1.042E-03	U5DYB
RF	B98	RGG90X120	12.96	0.0	U7DYB	1.053E-03	U5DYB
RF	B98	RGG90X120	13.46	0.0	U7DYB	1.064E-03	U5DYB
RF	B98	RGG90X120	13.95	0.0	U7DYB	1.075E-03	U5DYB
RF	B98	RGG90X120	14.45	0.0	U7DYB	1.086E-03	U5DYB
RF	B98	RGG90X120	14.94	0.0	U7DYB	1.097E-03	U5DYB
RF	B98	RGG90X120	15.44	0.0	U7DYB	1.108E-03	U5DYB
RF	B98	RGG90X120	15.94	0.0	U7DYB	1.236E-03	U7DYA
RF	B98	RGG90X120	16.43	0.0	U7DYB	1.874E-03	U5DYA
RF	B98	RGG90X120	16.93	0.0	U7DYB	2.079E-03	U5DYB
RF	B98	RGG90X120	17.42	0.0	U7DYB	2.250E-03	U5DYB
RF	B98	RGG90X120	17.92	0.0	U7DYB	2.422E-03	U5DYB
RF	B98	RGG90X120	18.41	0.0	U7DYB	2.593E-03	U5DYB
RF	B98	RGG90X120	18.91	0.0	U7DYB	2.764E-03	U5DYB
RF	B98	RGG90X120	19.40	0.0	U7DYB	2.924E-03	U5DYB
RF	B98	RGG90X120	19.90	0.0	U7DYB	3.049E-03	U5DYB
RF	B99	RB90X110	0.00	0.0	U7DYB	9.374E-04	U5DYB

RF	B99	RB90X110	0.50	0.0	U7DYB	8.688E-04	U5DYB
RF	B99	RB90X110	1.00	0.0	U7DYB	7.684E-04	U5DYB
RF	B99	RB90X110	1.50	0.0	U7DYB	6.364E-04	U5DYB
RF	B99	RB90X110	2.00	0.0	U7DYB	4.886E-04	U5DYB
RF	B99	RB90X110	2.50	0.0	U7DYB	3.407E-04	U5DYB
RF	B99	RB90X110	3.00	0.0	U7DYB	1.929E-04	U5DYB
RF	B99	RB90X110	3.50	0.0	U7DYB	4.507E-05	U5DYB
RF	B99	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B99	RB90X110	18.00	0.0	U7DYB	3.381E-05	U5DYB
RF	B99	RB90X110	18.50	0.0	U7DYB	1.817E-04	U5DYB
RF	B99	RB90X110	19.00	0.0	U7DYB	3.295E-04	U5DYB
RF	B99	RB90X110	19.50	0.0	U7DYB	4.615E-04	U5DYB
RF	B99	RB90X110	20.00	0.0	U7DYB	5.618E-04	U5DYB
RF	B99	RB90X110	20.50	0.0	U7DYB	6.305E-04	U5DYB

RF	B100	RGG90X120	0.58	0.0	U7DYB	3.609E-03	U5DYB
RF	B100	RGG90X120	1.07	0.0	U7DYB	3.486E-03	U5DYB
RF	B100	RGG90X120	1.57	0.0	U7DYB	3.328E-03	U5DYB
RF	B100	RGG90X120	2.06	0.0	U7DYB	3.156E-03	U5DYB
RF	B100	RGG90X120	2.56	0.0	U7DYB	2.985E-03	U5DYB
RF	B100	RGG90X120	3.05	0.0	U7DYB	2.813E-03	U5DYB
RF	B100	RGG90X120	3.55	0.0	U7DYB	2.642E-03	U5DYB
RF	B100	RGG90X120	4.04	0.0	U7DYB	2.471E-03	U5DYB
RF	B100	RGG90X120	4.54	0.0	U7DYB	2.299E-03	U5DYB
RF	B100	RGG90X120	5.03	0.0	U7DYB	2.128E-03	U5DYB
RF	B100	RGG90X120	5.53	0.0	U7DYB	1.923E-03	U5DYA
RF	B100	RGG90X120	6.03	0.0	U7DYB	1.272E-03	U7DYA
RF	B100	RGG90X120	6.52	0.0	U7DYB	1.112E-03	U5DYB
RF	B100	RGG90X120	7.02	0.0	U7DYB	1.101E-03	U5DYB
RF	B100	RGG90X120	7.51	0.0	U7DYB	1.090E-03	U5DYB
RF	B100	RGG90X120	8.01	0.0	U7DYB	1.079E-03	U5DYB
RF	B100	RGG90X120	8.50	0.0	U7DYB	1.068E-03	U5DYB
RF	B100	RGG90X120	9.00	0.0	U7DYB	1.057E-03	U5DYB
RF	B100	RGG90X120	9.49	0.0	U7DYB	1.046E-03	U5DYB
RF	B100	RGG90X120	9.99	0.0	U7DYB	1.035E-03	U5DYB
RF	B100	RGG90X120	10.49	0.0	U7DYB	1.024E-03	U5DYB
RF	B100	RGG90X120	10.98	0.0	U7DYB	1.013E-03	U5DYB
RF	B100	RGG90X120	11.48	0.0	U7DYB	1.021E-03	U5DYB

RF	B100	RGG90X120	11.97	0.0	U7DYB	1.032E-03	U5DYB
RF	B100	RGG90X120	12.47	0.0	U7DYB	1.043E-03	U5DYB
RF	B100	RGG90X120	12.96	0.0	U7DYB	1.054E-03	U5DYB
RF	B100	RGG90X120	13.46	0.0	U7DYB	1.065E-03	U5DYB
RF	B100	RGG90X120	13.95	0.0	U7DYB	1.076E-03	U5DYB
RF	B100	RGG90X120	14.45	0.0	U7DYB	1.087E-03	U5DYB
RF	B100	RGG90X120	14.94	0.0	U7DYB	1.098E-03	U5DYB
RF	B100	RGG90X120	15.44	0.0	U7DYB	1.109E-03	U5DYB
RF	B100	RGG90X120	15.94	0.0	U7DYB	1.242E-03	U7DYA
RF	B100	RGG90X120	16.43	0.0	U7DYB	1.880E-03	U5DYA
RF	B100	RGG90X120	16.93	0.0	U7DYB	2.081E-03	U5DYB
RF	B100	RGG90X120	17.42	0.0	U7DYB	2.252E-03	U5DYB
RF	B100	RGG90X120	17.92	0.0	U7DYB	2.424E-03	U5DYB
RF	B100	RGG90X120	18.41	0.0	U7DYB	2.595E-03	U5DYB
RF	B100	RGG90X120	18.91	0.0	U7DYB	2.767E-03	U5DYB
RF	B100	RGG90X120	19.40	0.0	U7DYB	2.926E-03	U5DYB
RF	B100	RGG90X120	19.90	0.0	U7DYB	3.051E-03	U5DYB
RF	B101	RB90X110	0.00	0.0	U7DYB	9.378E-04	U5DYB
RF	B101	RB90X110	0.50	0.0	U7DYB	8.691E-04	U5DYB
RF	B101	RB90X110	1.00	0.0	U7DYB	7.688E-04	U5DYB
RF	B101	RB90X110	1.50	0.0	U7DYB	6.368E-04	U5DYB
RF	B101	RB90X110	2.00	0.0	U7DYB	4.889E-04	U5DYB
RF	B101	RB90X110	2.50	0.0	U7DYB	3.411E-04	U5DYB
RF	B101	RB90X110	3.00	0.0	U7DYB	1.933E-04	U5DYB
RF	B101	RB90X110	3.50	0.0	U7DYB	4.542E-05	U5DYB
RF	B101	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B101	RB90X110	18.00	0.0	U7DYB	3.444E-05	U5DYB
RF	B101	RB90X110	18.50	0.0	U7DYB	1.823E-04	U5DYB
RF	B101	RB90X110	19.00	0.0	U7DYB	3.301E-04	U5DYB
RF	B101	RB90X110	19.50	0.0	U7DYB	4.621E-04	U5DYB
RF	B101	RB90X110	20.00	0.0	U7DYB	5.625E-04	U5DYB
RF	B101	RB90X110	20.50	0.0	U7DYB	6.311E-04	U5DYB
RF	B102	RGG90X120	0.58	0.0	U7DYB	3.612E-03	U5DYB
RF	B102	RGG90X120	1.07	0.0	U7DYB	3.489E-03	U5DYB
RF	B102	RGG90X120	1.57	0.0	U7DYB	3.331E-03	U5DYB
RF	B102	RGG90X120	2.06	0.0	U7DYB	3.159E-03	U5DYB

RF	B102 RGG90X120	2.56	0.0	U7DYB	2.988E-03	U5DYB
RF	B102 RGG90X120	3.05	0.0	U7DYB	2.817E-03	U5DYB
RF	B102 RGG90X120	3.55	0.0	U7DYB	2.645E-03	U5DYB
RF	B102 RGG90X120	4.04	0.0	U7DYB	2.474E-03	U5DYB
RF	B102 RGG90X120	4.54	0.0	U7DYB	2.302E-03	U5DYB
RF	B102 RGG90X120	5.03	0.0	U7DYB	2.131E-03	U5DYB
RF	B102 RGG90X120	5.53	0.0	U7DYB	1.934E-03	U5DYA
RF	B102 RGG90X120	6.03	0.0	U7DYB	1.283E-03	U7DYA
RF	B102 RGG90X120	6.52	0.0	U7DYB	1.121E-03	U5DYB
RF	B102 RGG90X120	7.02	0.0	U7DYB	1.110E-03	U5DYB
RF	B102 RGG90X120	7.51	0.0	U7DYB	1.099E-03	U5DYB
RF	B102 RGG90X120	8.01	0.0	U7DYB	1.088E-03	U5DYB
RF	B102 RGG90X120	8.50	0.0	U7DYB	1.077E-03	U5DYB
RF	B102 RGG90X120	9.00	0.0	U7DYB	1.066E-03	U5DYB
RF	B102 RGG90X120	9.49	0.0	U7DYB	1.055E-03	U5DYB
RF	B102 RGG90X120	9.99	0.0	U7DYB	1.044E-03	U5DYB
RF	B102 RGG90X120	10.49	0.0	U7DYB	1.033E-03	U5DYB
RF	B102 RGG90X120	10.98	0.0	U7DYB	1.022E-03	U5DYB
RF	B102 RGG90X120	11.48	0.0	U7DYB	1.029E-03	U5DYB
RF	B102 RGG90X120	11.97	0.0	U7DYB	1.040E-03	U5DYB
RF	B102 RGG90X120	12.47	0.0	U7DYB	1.052E-03	U5DYB
RF	B102 RGG90X120	12.96	0.0	U7DYB	1.063E-03	U5DYB
RF	B102 RGG90X120	13.46	0.0	U7DYB	1.074E-03	U5DYB
RF	B102 RGG90X120	13.95	0.0	U7DYB	1.085E-03	U5DYB
RF	B102 RGG90X120	14.45	0.0	U7DYB	1.096E-03	U5DYB
RF	B102 RGG90X120	14.94	0.0	U7DYB	1.107E-03	U5DYB
RF	B102 RGG90X120	15.44	0.0	U7DYB	1.118E-03	U5DYB
RF	B102 RGG90X120	15.94	0.0	U7DYB	1.253E-03	U7DYA
RF	B102 RGG90X120	16.43	0.0	U7DYB	1.890E-03	U5DYA
RF	B102 RGG90X120	16.93	0.0	U7DYB	2.084E-03	U5DYB
RF	B102 RGG90X120	17.42	0.0	U7DYB	2.256E-03	U5DYB
RF	B102 RGG90X120	17.92	0.0	U7DYB	2.427E-03	U5DYB
RF	B102 RGG90X120	18.41	0.0	U7DYB	2.598E-03	U5DYB
RF	B102 RGG90X120	18.91	0.0	U7DYB	2.770E-03	U5DYB
RF	B102 RGG90X120	19.40	0.0	U7DYB	2.930E-03	U5DYB
RF	B102 RGG90X120	19.90	0.0	U7DYB	3.055E-03	U5DYB

RF	B103 RB90X110	0.00	0.0	U7DYB	9.370E-04	U5DYB
RF	B103 RB90X110	0.50	0.0	U7DYB	8.683E-04	U5DYB
RF	B103 RB90X110	1.00	0.0	U7DYB	7.680E-04	U5DYB
RF	B103 RB90X110	1.50	0.0	U7DYB	6.360E-04	U5DYB
RF	B103 RB90X110	2.00	0.0	U7DYB	4.881E-04	U5DYB
RF	B103 RB90X110	2.50	0.0	U7DYB	3.403E-04	U5DYB
RF	B103 RB90X110	3.00	0.0	U7DYB	1.925E-04	U5DYB
RF	B103 RB90X110	3.50	0.0	U7DYB	4.463E-05	U5DYB
RF	B103 RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B103 RB90X110	13.50	0.0	U7DYB	0.0	U7DYB

RF	B103	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B103	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B103	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B103	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B103	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B103	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B103	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B103	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B103	RB90X110	18.00	0.0	U7DYB	3.444E-05	U5DYB
RF	B103	RB90X110	18.50	0.0	U7DYB	1.823E-04	U5DYB
RF	B103	RB90X110	19.00	0.0	U7DYB	3.301E-04	U5DYB
RF	B103	RB90X110	19.50	0.0	U7DYB	4.621E-04	U5DYB
RF	B103	RB90X110	20.00	0.0	U7DYB	5.625E-04	U5DYB
RF	B103	RB90X110	20.50	0.0	U7DYB	6.311E-04	U5DYB
RF	B104	RGG90X120	0.58	0.0	U7DYB	3.611E-03	U5DYB
RF	B104	RGG90X120	1.07	0.0	U7DYB	3.488E-03	U5DYB
RF	B104	RGG90X120	1.57	0.0	U7DYB	3.330E-03	U5DYB
RF	B104	RGG90X120	2.06	0.0	U7DYB	3.158E-03	U5DYB
RF	B104	RGG90X120	2.56	0.0	U7DYB	2.987E-03	U5DYB
RF	B104	RGG90X120	3.05	0.0	U7DYB	2.815E-03	U5DYB
RF	B104	RGG90X120	3.55	0.0	U7DYB	2.644E-03	U5DYB
RF	B104	RGG90X120	4.04	0.0	U7DYB	2.472E-03	U5DYB
RF	B104	RGG90X120	4.54	0.0	U7DYB	2.301E-03	U5DYB
RF	B104	RGG90X120	5.03	0.0	U7DYB	2.130E-03	U5DYB
RF	B104	RGG90X120	5.53	0.0	U7DYB	1.932E-03	U5DYA
RF	B104	RGG90X120	6.03	0.0	U7DYB	1.282E-03	U7DYA
RF	B104	RGG90X120	6.52	0.0	U7DYB	1.126E-03	U5DYB
RF	B104	RGG90X120	7.02	0.0	U7DYB	1.115E-03	U5DYB
RF	B104	RGG90X120	7.51	0.0	U7DYB	1.104E-03	U5DYB
RF	B104	RGG90X120	8.01	0.0	U7DYB	1.093E-03	U5DYB
RF	B104	RGG90X120	8.50	0.0	U7DYB	1.082E-03	U5DYB
RF	B104	RGG90X120	9.00	0.0	U7DYB	1.071E-03	U5DYB
RF	B104	RGG90X120	9.49	0.0	U7DYB	1.060E-03	U5DYB
RF	B104	RGG90X120	9.99	0.0	U7DYB	1.049E-03	U5DYB
RF	B104	RGG90X120	10.49	0.0	U7DYB	1.038E-03	U5DYB
RF	B104	RGG90X120	10.98	0.0	U7DYB	1.027E-03	U5DYB
RF	B104	RGG90X120	11.48	0.0	U7DYB	1.035E-03	U5DYB
RF	B104	RGG90X120	11.97	0.0	U7DYB	1.046E-03	U5DYB
RF	B104	RGG90X120	12.47	0.0	U7DYB	1.057E-03	U5DYB
RF	B104	RGG90X120	12.96	0.0	U7DYB	1.068E-03	U5DYB
RF	B104	RGG90X120	13.46	0.0	U7DYB	1.079E-03	U5DYB
RF	B104	RGG90X120	13.95	0.0	U7DYB	1.090E-03	U5DYB
RF	B104	RGG90X120	14.45	0.0	U7DYB	1.101E-03	U5DYB
RF	B104	RGG90X120	14.94	0.0	U7DYB	1.112E-03	U5DYB
RF	B104	RGG90X120	15.44	0.0	U7DYB	1.123E-03	U5DYB
RF	B104	RGG90X120	15.94	0.0	U7DYB	1.253E-03	U7DYA
RF	B104	RGG90X120	16.43	0.0	U7DYB	1.891E-03	U5DYA
RF	B104	RGG90X120	16.93	0.0	U7DYB	2.085E-03	U5DYB
RF	B104	RGG90X120	17.42	0.0	U7DYB	2.257E-03	U5DYB
RF	B104	RGG90X120	17.92	0.0	U7DYB	2.428E-03	U5DYB
RF	B104	RGG90X120	18.41	0.0	U7DYB	2.600E-03	U5DYB
RF	B104	RGG90X120	18.91	0.0	U7DYB	2.771E-03	U5DYB
RF	B104	RGG90X120	19.40	0.0	U7DYB	2.931E-03	U5DYB
RF	B104	RGG90X120	19.90	0.0	U7DYB	3.056E-03	U5DYB
RF	B105	RB90X110	0.00	0.0	U7DYB	9.323E-04	U5DYB
RF	B105	RB90X110	0.50	0.0	U7DYB	8.637E-04	U5DYB
RF	B105	RB90X110	1.00	0.0	U7DYB	7.633E-04	U5DYB
RF	B105	RB90X110	1.50	0.0	U7DYB	6.313E-04	U5DYB
RF	B105	RB90X110	2.00	0.0	U7DYB	4.835E-04	U5DYB
RF	B105	RB90X110	2.50	0.0	U7DYB	3.356E-04	U5DYB
RF	B105	RB90X110	3.00	0.0	U7DYB	1.878E-04	U5DYB
RF	B105	RB90X110	3.50	0.0	U7DYB	3.996E-05	U5DYB
RF	B105	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB

RF	B105	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B105	RB90X110	18.00	0.0	U7DYB	3.459E-05	U5DYB
RF	B105	RB90X110	18.50	0.0	U7DYB	1.824E-04	U5DYB
RF	B105	RB90X110	19.00	0.0	U7DYB	3.303E-04	U5DYB
RF	B105	RB90X110	19.50	0.0	U7DYB	4.623E-04	U5DYB
RF	B105	RB90X110	20.00	0.0	U7DYB	5.626E-04	U5DYB
RF	B105	RB90X110	20.50	0.0	U7DYB	6.313E-04	U5DYB
RF	B106	RGG90X120	0.58	0.0	U7DYB	3.598E-03	U5DYB
RF	B106	RGG90X120	1.07	0.0	U7DYB	3.474E-03	U5DYB
RF	B106	RGG90X120	1.57	0.0	U7DYB	3.316E-03	U5DYB
RF	B106	RGG90X120	2.06	0.0	U7DYB	3.145E-03	U5DYB
RF	B106	RGG90X120	2.56	0.0	U7DYB	2.973E-03	U5DYB
RF	B106	RGG90X120	3.05	0.0	U7DYB	2.802E-03	U5DYB
RF	B106	RGG90X120	3.55	0.0	U7DYB	2.631E-03	U5DYB
RF	B106	RGG90X120	4.04	0.0	U7DYB	2.459E-03	U5DYB
RF	B106	RGG90X120	4.54	0.0	U7DYB	2.288E-03	U5DYB
RF	B106	RGG90X120	5.03	0.0	U7DYB	2.116E-03	U5DYB
RF	B106	RGG90X120	5.53	0.0	U7DYB	1.905E-03	U5DYA
RF	B106	RGG90X120	6.03	0.0	U7DYB	1.257E-03	U7DYA
RF	B106	RGG90X120	6.52	0.0	U7DYB	1.119E-03	U5DYB
RF	B106	RGG90X120	7.02	0.0	U7DYB	1.108E-03	U5DYB
RF	B106	RGG90X120	7.51	0.0	U7DYB	1.097E-03	U5DYB
RF	B106	RGG90X120	8.01	0.0	U7DYB	1.086E-03	U5DYB
RF	B106	RGG90X120	8.50	0.0	U7DYB	1.075E-03	U5DYB
RF	B106	RGG90X120	9.00	0.0	U7DYB	1.064E-03	U5DYB
RF	B106	RGG90X120	9.49	0.0	U7DYB	1.053E-03	U5DYB
RF	B106	RGG90X120	9.99	0.0	U7DYB	1.042E-03	U5DYB
RF	B106	RGG90X120	10.49	0.0	U7DYB	1.031E-03	U5DYB
RF	B106	RGG90X120	10.98	0.0	U7DYB	1.020E-03	U5DYB
RF	B106	RGG90X120	11.48	0.0	U7DYB	1.029E-03	U5DYB
RF	B106	RGG90X120	11.97	0.0	U7DYB	1.040E-03	U5DYB
RF	B106	RGG90X120	12.47	0.0	U7DYB	1.051E-03	U5DYB
RF	B106	RGG90X120	12.96	0.0	U7DYB	1.062E-03	U5DYB
RF	B106	RGG90X120	13.46	0.0	U7DYB	1.073E-03	U5DYB
RF	B106	RGG90X120	13.95	0.0	U7DYB	1.084E-03	U5DYB
RF	B106	RGG90X120	14.45	0.0	U7DYB	1.095E-03	U5DYB
RF	B106	RGG90X120	14.94	0.0	U7DYB	1.106E-03	U5DYB
RF	B106	RGG90X120	15.44	0.0	U7DYB	1.117E-03	U5DYB

RF	B106	RGG90X120	15.94	0.0	U7DYB	1.238E-03	U7DYA
RF	B106	RGG90X120	16.43	0.0	U7DYB	1.878E-03	U5DYA
RF	B106	RGG90X120	16.93	0.0	U7DYB	2.087E-03	U5DYB
RF	B106	RGG90X120	17.42	0.0	U7DYB	2.258E-03	U5DYB
RF	B106	RGG90X120	17.92	0.0	U7DYB	2.429E-03	U5DYB
RF	B106	RGG90X120	18.41	0.0	U7DYB	2.601E-03	U5DYB
RF	B106	RGG90X120	18.91	0.0	U7DYB	2.772E-03	U5DYB
RF	B106	RGG90X120	19.40	0.0	U7DYB	2.932E-03	U5DYB
RF	B106	RGG90X120	19.90	0.0	U7DYB	3.057E-03	U5DYB
RF	B107	RB90X110	0.00	0.0	U7DYB	9.190E-04	U5DYB
RF	B107	RB90X110	0.50	0.0	U7DYB	8.503E-04	U5DYB
RF	B107	RB90X110	1.00	0.0	U7DYB	7.499E-04	U5DYB
RF	B107	RB90X110	1.50	0.0	U7DYB	6.179E-04	U5DYB
RF	B107	RB90X110	2.00	0.0	U7DYB	4.701E-04	U5DYB
RF	B107	RB90X110	2.50	0.0	U7DYB	3.223E-04	U5DYB
RF	B107	RB90X110	3.00	0.0	U7DYB	1.744E-04	U5DYB
RF	B107	RB90X110	3.50	0.0	U7DYB	2.658E-05	U5DYB
RF	B107	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B107	RB90X110	18.00	0.0	U7DYB	3.978E-05	U5DYB
RF	B107	RB90X110	18.50	0.0	U7DYB	1.876E-04	U5DYB
RF	B107	RB90X110	19.00	0.0	U7DYB	3.355E-04	U5DYB
RF	B107	RB90X110	19.50	0.0	U7DYB	4.675E-04	U5DYB
RF	B107	RB90X110	20.00	0.0	U7DYB	5.678E-04	U5DYB
RF	B107	RB90X110	20.50	0.0	U7DYB	6.365E-04	U5DYB
RF	B108	RGG90X120	0.58	0.0	U7DYB	3.563E-03	U5DYB
RF	B108	RGG90X120	1.07	0.0	U7DYB	3.440E-03	U5DYB
RF	B108	RGG90X120	1.57	0.0	U7DYB	3.282E-03	U5DYB
RF	B108	RGG90X120	2.06	0.0	U7DYB	3.110E-03	U5DYB
RF	B108	RGG90X120	2.56	0.0	U7DYB	2.939E-03	U5DYB
RF	B108	RGG90X120	3.05	0.0	U7DYB	2.768E-03	U5DYB
RF	B108	RGG90X120	3.55	0.0	U7DYB	2.596E-03	U5DYB
RF	B108	RGG90X120	4.04	0.0	U7DYB	2.425E-03	U5DYB
RF	B108	RGG90X120	4.54	0.0	U7DYB	2.253E-03	U5DYB
RF	B108	RGG90X120	5.03	0.0	U7DYB	2.082E-03	U5DYB
RF	B108	RGG90X120	5.53	0.0	U7DYB	1.852E-03	U5DYA
RF	B108	RGG90X120	6.03	0.0	U7DYB	1.211E-03	U7DYA

RF	B108	RGG90X120	6.52	0.0	U7DYB	1.100E-03	U5DYB
RF	B108	RGG90X120	7.02	0.0	U7DYB	1.089E-03	U5DYB
RF	B108	RGG90X120	7.51	0.0	U7DYB	1.078E-03	U5DYB
RF	B108	RGG90X120	8.01	0.0	U7DYB	1.067E-03	U5DYB
RF	B108	RGG90X120	8.50	0.0	U7DYB	1.056E-03	U5DYB
RF	B108	RGG90X120	9.00	0.0	U7DYB	1.045E-03	U5DYB
RF	B108	RGG90X120	9.49	0.0	U7DYB	1.034E-03	U5DYB
RF	B108	RGG90X120	9.99	0.0	U7DYB	1.023E-03	U5DYB
RF	B108	RGG90X120	10.49	0.0	U7DYB	1.012E-03	U5DYB
RF	B108	RGG90X120	10.98	0.0	U7DYB	1.002E-03	U5DYB
RF	B108	RGG90X120	11.48	0.0	U7DYB	1.013E-03	U5DYB
RF	B108	RGG90X120	11.97	0.0	U7DYB	1.025E-03	U5DYB
RF	B108	RGG90X120	12.47	0.0	U7DYB	1.036E-03	U5DYB
RF	B108	RGG90X120	12.96	0.0	U7DYB	1.047E-03	U5DYB
RF	B108	RGG90X120	13.46	0.0	U7DYB	1.058E-03	U5DYB
RF	B108	RGG90X120	13.95	0.0	U7DYB	1.069E-03	U5DYB
RF	B108	RGG90X120	14.45	0.0	U7DYB	1.080E-03	U5DYB
RF	B108	RGG90X120	14.94	0.0	U7DYB	1.091E-03	U5DYB
RF	B108	RGG90X120	15.44	0.0	U7DYB	1.102E-03	U5DYB
RF	B108	RGG90X120	15.94	0.0	U7DYB	1.224E-03	U7DYA
RF	B108	RGG90X120	16.43	0.0	U7DYB	1.872E-03	U5DYA
RF	B108	RGG90X120	16.93	0.0	U7DYB	2.103E-03	U5DYB
RF	B108	RGG90X120	17.42	0.0	U7DYB	2.275E-03	U5DYB
RF	B108	RGG90X120	17.92	0.0	U7DYB	2.446E-03	U5DYB
RF	B108	RGG90X120	18.41	0.0	U7DYB	2.617E-03	U5DYB
RF	B108	RGG90X120	18.91	0.0	U7DYB	2.789E-03	U5DYB
RF	B108	RGG90X120	19.40	0.0	U7DYB	2.949E-03	U5DYB
RF	B108	RGG90X120	19.90	0.0	U7DYB	3.074E-03	U5DYB

RF	B109	RB90X110	0.00	0.0	U7DYB	8.878E-04	U5DYB
RF	B109	RB90X110	0.50	0.0	U7DYB	8.191E-04	U5DYB
RF	B109	RB90X110	1.00	0.0	U7DYB	7.187E-04	U5DYB
RF	B109	RB90X110	1.50	0.0	U7DYB	5.867E-04	U5DYB
RF	B109	RB90X110	2.00	0.0	U7DYB	4.389E-04	U5DYB
RF	B109	RB90X110	2.50	0.0	U7DYB	2.911E-04	U5DYB
RF	B109	RB90X110	3.00	0.0	U7DYB	1.432E-04	U5DYB
RF	B109	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B109	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB

RF	B109	RB90X110	18.00	0.0	U7DYB	6.162E-05	U5DYB
RF	B109	RB90X110	18.50	0.0	U7DYB	2.095E-04	U5DYB
RF	B109	RB90X110	19.00	0.0	U7DYB	3.573E-04	U5DYB
RF	B109	RB90X110	19.50	0.0	U7DYB	4.893E-04	U5DYB
RF	B109	RB90X110	20.00	0.0	U7DYB	5.896E-04	U5DYB
RF	B109	RB90X110	20.50	0.0	U7DYB	6.583E-04	U5DYB
RF	B110	RGG90X120	0.58	0.0	U7DYB	3.350E-03	U5DYB
RF	B110	RGG90X120	1.07	0.0	U7DYB	3.227E-03	U5DYB
RF	B110	RGG90X120	1.57	0.0	U7DYB	3.072E-03	U5DYB
RF	B110	RGG90X120	2.06	0.0	U7DYB	2.908E-03	U5DYB
RF	B110	RGG90X120	2.56	0.0	U7DYB	2.745E-03	U5DYB
RF	B110	RGG90X120	3.05	0.0	U7DYB	2.582E-03	U5DYB
RF	B110	RGG90X120	3.55	0.0	U7DYB	2.418E-03	U5DYB
RF	B110	RGG90X120	4.04	0.0	U7DYB	2.255E-03	U5DYB
RF	B110	RGG90X120	4.54	0.0	U7DYB	2.091E-03	U5DYB
RF	B110	RGG90X120	5.03	0.0	U7DYB	1.928E-03	U5DYB
RF	B110	RGG90X120	5.53	0.0	U7DYB	1.276E-03	U7DYB
RF	B110	RGG90X120	6.03	0.0	U7DYB	1.048E-03	U5DYB
RF	B110	RGG90X120	6.52	0.0	U7DYB	1.038E-03	U5DYB
RF	B110	RGG90X120	7.02	0.0	U7DYB	1.028E-03	U5DYB
RF	B110	RGG90X120	7.51	0.0	U7DYB	1.018E-03	U5DYB
RF	B110	RGG90X120	8.01	0.0	U7DYB	1.007E-03	U5DYB
RF	B110	RGG90X120	8.50	0.0	U7DYB	9.972E-04	U5DYB
RF	B110	RGG90X120	9.00	0.0	U7DYB	9.870E-04	U5DYB
RF	B110	RGG90X120	9.49	0.0	U7DYB	9.768E-04	U5DYB
RF	B110	RGG90X120	9.99	0.0	U7DYB	9.666E-04	U5DYB
RF	B110	RGG90X120	10.49	0.0	U7DYB	9.564E-04	U5DYB
RF	B110	RGG90X120	10.98	0.0	U7DYB	9.532E-04	U5DYB
RF	B110	RGG90X120	11.48	0.0	U7DYB	9.634E-04	U5DYB
RF	B110	RGG90X120	11.97	0.0	U7DYB	9.736E-04	U5DYB
RF	B110	RGG90X120	12.47	0.0	U7DYB	9.838E-04	U5DYB
RF	B110	RGG90X120	12.96	0.0	U7DYB	9.940E-04	U5DYB
RF	B110	RGG90X120	13.46	0.0	U7DYB	1.004E-03	U5DYB
RF	B110	RGG90X120	13.95	0.0	U7DYB	1.014E-03	U5DYB
RF	B110	RGG90X120	14.45	0.0	U7DYB	1.025E-03	U5DYB
RF	B110	RGG90X120	14.94	0.0	U7DYB	1.035E-03	U5DYB
RF	B110	RGG90X120	15.44	0.0	U7DYB	1.045E-03	U5DYB
RF	B110	RGG90X120	15.94	0.0	U7DYB	1.248E-03	U7DYB
RF	B110	RGG90X120	16.43	0.0	U7DYB	1.889E-03	U5DYB
RF	B110	RGG90X120	16.93	0.0	U7DYB	2.052E-03	U5DYB
RF	B110	RGG90X120	17.42	0.0	U7DYB	2.215E-03	U5DYB
RF	B110	RGG90X120	17.92	0.0	U7DYB	2.379E-03	U5DYB
RF	B110	RGG90X120	18.41	0.0	U7DYB	2.542E-03	U5DYB
RF	B110	RGG90X120	18.91	0.0	U7DYB	2.706E-03	U5DYB
RF	B110	RGG90X120	19.40	0.0	U7DYB	2.862E-03	U5DYB
RF	B110	RGG90X120	19.90	0.0	U7DYB	2.987E-03	U5DYB
RF	B111	RB90X110	0.00	0.0	U7DYB	6.029E-04	U5DYB
RF	B111	RB90X110	0.50	0.0	U7DYB	5.342E-04	U5DYB
RF	B111	RB90X110	1.00	0.0	U7DYB	4.339E-04	U5DYB
RF	B111	RB90X110	1.50	0.0	U7DYB	3.051E-04	U5DYB
RF	B111	RB90X110	2.00	0.0	U7DYB	1.715E-04	U5DYB
RF	B111	RB90X110	2.50	0.0	U7DYB	3.793E-05	U5DYB
RF	B111	RB90X110	3.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB

RF	B111	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	18.00	0.0	U7DYB	0.0	U7DYB
RF	B111	RB90X110	18.50	0.0	U7DYB	2.812E-06	U5DYB
RF	B111	RB90X110	19.00	0.0	U7DYB	1.364E-04	U5DYB
RF	B111	RB90X110	19.50	0.0	U7DYB	2.652E-04	U5DYB
RF	B111	RB90X110	20.00	0.0	U7DYB	3.655E-04	U5DYB
RF	B111	RB90X110	20.50	0.0	U7DYB	4.342E-04	U5DYB

RF	B112	RGG90X120	0.58	0.0	U7DYB	3.421E-03	U5DYB
RF	B112	RGG90X120	1.07	0.0	U7DYB	3.297E-03	U5DYB
RF	B112	RGG90X120	1.57	0.0	U7DYB	3.142E-03	U5DYB
RF	B112	RGG90X120	2.06	0.0	U7DYB	2.971E-03	U5DYB
RF	B112	RGG90X120	2.56	0.0	U7DYB	2.800E-03	U5DYB
RF	B112	RGG90X120	3.05	0.0	U7DYB	2.628E-03	U5DYB
RF	B112	RGG90X120	3.55	0.0	U7DYB	2.457E-03	U5DYB
RF	B112	RGG90X120	4.04	0.0	U7DYB	2.286E-03	U5DYB
RF	B112	RGG90X120	4.54	0.0	U7DYB	2.114E-03	U5DYB
RF	B112	RGG90X120	5.03	0.0	U7DYB	1.943E-03	U5DYB
RF	B112	RGG90X120	5.53	0.0	U7DYB	1.276E-03	U7DYB
RF	B112	RGG90X120	6.03	0.0	U7DYB	1.051E-03	U5DYB
RF	B112	RGG90X120	6.52	0.0	U7DYB	1.040E-03	U5DYB
RF	B112	RGG90X120	7.02	0.0	U7DYB	1.029E-03	U5DYB
RF	B112	RGG90X120	7.51	0.0	U7DYB	1.018E-03	U5DYB
RF	B112	RGG90X120	8.01	0.0	U7DYB	1.007E-03	U5DYB
RF	B112	RGG90X120	8.50	0.0	U7DYB	9.962E-04	U5DYB
RF	B112	RGG90X120	9.00	0.0	U7DYB	9.851E-04	U5DYB
RF	B112	RGG90X120	9.49	0.0	U7DYB	9.741E-04	U5DYB
RF	B112	RGG90X120	9.99	0.0	U7DYB	9.631E-04	U5DYB
RF	B112	RGG90X120	10.49	0.0	U7DYB	9.521E-04	U5DYB
RF	B112	RGG90X120	10.98	0.0	U7DYB	9.584E-04	U5DYB
RF	B112	RGG90X120	11.48	0.0	U7DYB	9.695E-04	U5DYB
RF	B112	RGG90X120	11.97	0.0	U7DYB	9.805E-04	U5DYB
RF	B112	RGG90X120	12.47	0.0	U7DYB	9.915E-04	U5DYB
RF	B112	RGG90X120	12.96	0.0	U7DYB	1.003E-03	U5DYB
RF	B112	RGG90X120	13.46	0.0	U7DYB	1.014E-03	U5DYB
RF	B112	RGG90X120	13.95	0.0	U7DYB	1.025E-03	U5DYB
RF	B112	RGG90X120	14.45	0.0	U7DYB	1.036E-03	U5DYB
RF	B112	RGG90X120	14.94	0.0	U7DYB	1.047E-03	U5DYB
RF	B112	RGG90X120	15.44	0.0	U7DYB	1.233E-03	U7DYB
RF	B112	RGG90X120	15.94	0.0	U7DYB	1.881E-03	U5DYB
RF	B112	RGG90X120	16.43	0.0	U7DYB	2.052E-03	U5DYB
RF	B112	RGG90X120	16.93	0.0	U7DYB	2.224E-03	U5DYB
RF	B112	RGG90X120	17.42	0.0	U7DYB	2.395E-03	U5DYB
RF	B112	RGG90X120	17.92	0.0	U7DYB	2.567E-03	U5DYB
RF	B112	RGG90X120	18.41	0.0	U7DYB	2.738E-03	U5DYB
RF	B112	RGG90X120	18.91	0.0	U7DYB	2.909E-03	U5DYB
RF	B112	RGG90X120	19.40	0.0	U7DYB	3.066E-03	U5DYB

RF	B112	RGG90X120	19.90	0.0	U7DYB	3.191E-03	U5DYB
RF	B113	RB90X110	0.00	0.0	U7DYB	1.098E-03	U5DYB
RF	B113	RB90X110	0.50	0.0	U7DYB	1.030E-03	U5DYB
RF	B113	RB90X110	1.00	0.0	U7DYB	9.295E-04	U5DYB
RF	B113	RB90X110	1.50	0.0	U7DYB	7.975E-04	U5DYB
RF	B113	RB90X110	2.00	0.0	U7DYB	6.386E-04	U5DYB
RF	B113	RB90X110	2.50	0.0	U7DYB	4.765E-04	U5DYB
RF	B113	RB90X110	3.00	0.0	U7DYB	3.144E-04	U5DYB
RF	B113	RB90X110	3.50	0.0	U7DYB	1.523E-04	U5DYB
RF	B113	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B113	RB90X110	17.50	0.0	U7DYB	1.445E-04	U5DYB
RF	B113	RB90X110	18.00	0.0	U7DYB	3.066E-04	U5DYB
RF	B113	RB90X110	18.50	0.0	U7DYB	4.686E-04	U5DYB
RF	B113	RB90X110	19.00	0.0	U7DYB	6.275E-04	U5DYB
RF	B113	RB90X110	19.50	0.0	U7DYB	7.595E-04	U5DYB
RF	B113	RB90X110	20.00	0.0	U7DYB	8.599E-04	U5DYB
RF	B113	RB90X110	20.50	0.0	U7DYB	9.285E-04	U5DYB
RF	B114	RGG90X120	0.60	0.0	U7DYB	3.734E-03	U5DYB
RF	B114	RGG90X120	1.09	0.0	U7DYB	3.609E-03	U5DYB
RF	B114	RGG90X120	1.59	0.0	U7DYB	3.449E-03	U5DYB
RF	B114	RGG90X120	2.08	0.0	U7DYB	3.271E-03	U5DYB
RF	B114	RGG90X120	2.58	0.0	U7DYB	3.091E-03	U5DYB
RF	B114	RGG90X120	3.07	0.0	U7DYB	2.912E-03	U5DYB
RF	B114	RGG90X120	3.57	0.0	U7DYB	2.733E-03	U5DYB
RF	B114	RGG90X120	4.06	0.0	U7DYB	2.554E-03	U5DYB
RF	B114	RGG90X120	4.56	0.0	U7DYB	2.375E-03	U5DYB
RF	B114	RGG90X120	5.05	0.0	U7DYB	2.195E-03	U5DYB
RF	B114	RGG90X120	5.55	0.0	U7DYB	1.426E-03	U7DYB
RF	B114	RGG90X120	6.04	0.0	U7DYB	1.228E-03	U7DYA
RF	B114	RGG90X120	6.54	0.0	U7DYB	1.209E-03	U5DYB
RF	B114	RGG90X120	7.03	0.0	U7DYB	1.197E-03	U5DYB
RF	B114	RGG90X120	7.53	0.0	U7DYB	1.185E-03	U5DYB
RF	B114	RGG90X120	8.02	0.0	U7DYB	1.174E-03	U5DYB
RF	B114	RGG90X120	8.52	0.0	U7DYB	1.162E-03	U5DYB
RF	B114	RGG90X120	9.01	0.0	U7DYB	1.150E-03	U5DYB
RF	B114	RGG90X120	9.51	0.0	U7DYB	1.138E-03	U5DYB
RF	B114	RGG90X120	10.00	0.0	U7DYB	1.126E-03	U5DYB

RF	B114	RGG90X120	10.50	0.0	U7DYB	1.114E-03	U5DYB
RF	B114	RGG90X120	10.99	0.0	U7DYB	1.103E-03	U5DYB
RF	B114	RGG90X120	11.49	0.0	U7DYB	1.091E-03	U5DYB
RF	B114	RGG90X120	11.98	0.0	U7DYB	1.079E-03	U5DYB
RF	B114	RGG90X120	12.48	0.0	U7DYB	1.087E-03	U5DYB
RF	B114	RGG90X120	12.97	0.0	U7DYB	1.099E-03	U5DYB
RF	B114	RGG90X120	13.47	0.0	U7DYB	1.111E-03	U5DYB
RF	B114	RGG90X120	13.96	0.0	U7DYB	1.123E-03	U5DYB
RF	B114	RGG90X120	14.46	0.0	U7DYB	1.135E-03	U5DYB
RF	B114	RGG90X120	14.95	0.0	U7DYB	1.146E-03	U5DYB
RF	B114	RGG90X120	15.45	0.0	U7DYB	1.158E-03	U5DYB
RF	B114	RGG90X120	15.94	0.0	U7DYB	1.248E-03	U7DYA
RF	B114	RGG90X120	16.44	0.0	U7DYB	1.896E-03	U5DYA
RF	B114	RGG90X120	16.93	0.0	U7DYB	2.160E-03	U5DYB
RF	B114	RGG90X120	17.43	0.0	U7DYB	2.339E-03	U5DYB
RF	B114	RGG90X120	17.92	0.0	U7DYB	2.518E-03	U5DYB
RF	B114	RGG90X120	18.42	0.0	U7DYB	2.698E-03	U5DYB
RF	B114	RGG90X120	18.91	0.0	U7DYB	2.876E-03	U5DYB
RF	B114	RGG90X120	19.41	0.0	U7DYB	3.036E-03	U5DYB
RF	B114	RGG90X120	19.90	0.0	U7DYB	3.161E-03	U5DYB
RF	B115	RB90X110	0.00	0.0	U7DYB	8.345E-04	U5DYB
RF	B115	RB90X110	0.50	0.0	U7DYB	7.658E-04	U5DYB
RF	B115	RB90X110	1.00	0.0	U7DYB	6.655E-04	U5DYB
RF	B115	RB90X110	1.50	0.0	U7DYB	5.335E-04	U5DYB
RF	B115	RB90X110	2.00	0.0	U7DYB	3.857E-04	U5DYB
RF	B115	RB90X110	2.50	0.0	U7DYB	2.378E-04	U5DYB
RF	B115	RB90X110	3.00	0.0	U7DYB	8.998E-05	U5DYB
RF	B115	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B115	RB90X110	18.00	0.0	U7DYB	1.046E-04	U5DYB
RF	B115	RB90X110	18.50	0.0	U7DYB	2.525E-04	U5DYB
RF	B115	RB90X110	19.00	0.0	U7DYB	4.003E-04	U5DYB
RF	B115	RB90X110	19.50	0.0	U7DYB	5.323E-04	U5DYB
RF	B115	RB90X110	20.00	0.0	U7DYB	6.326E-04	U5DYB
RF	B115	RB90X110	20.50	0.0	U7DYB	7.013E-04	U5DYB
RF	B116	RB90X110	0.00	0.0	U7DYB	7.884E-04	U5DYB

RF	B116	RB90X110	0.50	0.0	U7DYB	7.197E-04	U5DYB
RF	B116	RB90X110	1.00	0.0	U7DYB	6.193E-04	U5DYB
RF	B116	RB90X110	1.50	0.0	U7DYB	4.873E-04	U5DYB
RF	B116	RB90X110	2.00	0.0	U7DYB	3.395E-04	U5DYB
RF	B116	RB90X110	2.50	0.0	U7DYB	1.917E-04	U5DYB
RF	B116	RB90X110	3.00	0.0	U7DYB	4.382E-05	U5DYB
RF	B116	RB90X110	3.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	4.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	4.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	5.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	5.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	6.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	6.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	7.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	7.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	8.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	8.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	9.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	9.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	10.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	10.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	11.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	11.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	12.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	12.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	13.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	13.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	14.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	14.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	15.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	15.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	16.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	16.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	17.00	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	17.50	0.0	U7DYB	0.0	U7DYB
RF	B116	RB90X110	18.00	0.0	U7DYB	1.430E-04	U5DYB
RF	B116	RB90X110	18.50	0.0	U7DYB	2.908E-04	U5DYB
RF	B116	RB90X110	19.00	0.0	U7DYB	4.387E-04	U5DYB
RF	B116	RB90X110	19.50	0.0	U7DYB	5.707E-04	U5DYB
RF	B116	RB90X110	20.00	0.0	U7DYB	6.710E-04	U5DYB
RF	B116	RB90X110	20.50	0.0	U7DYB	7.397E-04	U5DYB
RF	B121	G90X120	0.45	0.0	U7DYB	1.317E-03	U5EYB
RF	B121	G90X120	0.95	0.0	U7DYB	1.180E-03	U5EYB
RF	B121	G90X120	1.44	0.0	U7DYB	1.042E-03	U5EYB
RF	B121	G90X120	1.94	0.0	U7DYB	9.042E-04	U5EYB
RF	B121	G90X120	2.44	0.0	U7DYB	7.665E-04	U5EYB
RF	B121	G90X120	2.94	0.0	U7DYB	4.936E-04	U5DYB
RF	B121	G90X120	3.43	0.0	U7DYB	4.881E-04	U5DYB
RF	B121	G90X120	3.93	0.0	U7DYB	4.825E-04	U5DYB
RF	B121	G90X120	4.43	0.0	U7DYB	4.770E-04	U5DYB
RF	B121	G90X120	4.92	0.0	U7DYB	4.715E-04	U5DYB
RF	B121	G90X120	5.42	0.0	U7DYB	4.681E-04	U5DYB
RF	B121	G90X120	5.92	0.0	U7DYB	4.736E-04	U5DYB
RF	B121	G90X120	6.42	0.0	U7DYB	4.791E-04	U5DYB
RF	B121	G90X120	6.91	0.0	U7DYB	4.847E-04	U5DYB
RF	B121	G90X120	7.41	0.0	U7DYB	4.902E-04	U5DYB
RF	B121	G90X120	7.91	0.0	U7DYB	7.720E-04	U5EYB
RF	B121	G90X120	8.41	0.0	U7DYB	9.097E-04	U5EYB
RF	B121	G90X120	8.90	0.0	U7DYB	1.042E-03	U5EYB
RF	B121	G90X120	9.40	0.0	U7DYB	1.156E-03	U5EYB
RF	B126	RGB90X120	0.60	8.148E-04	U5DYA	3.778E-04	U5EYA
RF	B126	RGB90X120	1.08	8.148E-04	U5DYA	2.854E-04	U5DYB
RF	B126	RGB90X120	1.56	8.148E-04	U5DYA	2.807E-04	U5DYB

RF	B126 RGB90X120	2.04	8.148E-04	U5DYA	2.764E-04	U5DYB
RF	B126 RGB90X120	2.52	8.148E-04	U5DYA	2.779E-04	U5DYB
RF	B126 RGB90X120	3.00	8.148E-04	U5DYA	3.308E-04	U5EYA
RF	B126 RGB90X120	3.00	8.096E-04	U5DYA	3.404E-04	U5EYA
RF	B126 RGB90X120	3.49	8.096E-04	U5DYA	2.843E-04	U5DYB
RF	B126 RGB90X120	3.98	8.096E-04	U5DYA	2.816E-04	U5DYB
RF	B126 RGB90X120	4.47	8.096E-04	U5DYA	2.772E-04	U5DYB
RF	B126 RGB90X120	4.96	8.096E-04	U5DYA	2.793E-04	U5DYB
RF	B126 RGB90X120	5.45	8.096E-04	U5DYA	3.619E-04	U5EYA
RF	B127 RGB90X120	0.55	3.756E-04	U5DYA	3.308E-04	U5EXA
RF	B127 RGB90X120	1.04	3.756E-04	U5DYA	2.286E-04	U5EXA
RF	B127 RGB90X120	1.53	3.756E-04	U5DYA	1.792E-04	U5DYB
RF	B127 RGB90X120	2.02	3.756E-04	U5DYA	1.748E-04	U5DYB
RF	B127 RGB90X120	2.51	3.756E-04	U5DYA	2.180E-04	U5EXA
RF	B127 RGB90X120	3.00	3.756E-04	U5DYA	3.022E-04	U5EXA
RF	B127 RGB90X120	3.00	3.712E-04	U5DYA	2.804E-04	U5EXA
RF	B127 RGB90X120	3.49	3.712E-04	U5DYA	1.962E-04	U5EXA
RF	B127 RGB90X120	3.98	3.712E-04	U5DYA	1.809E-04	U5DYB
RF	B127 RGB90X120	4.47	3.712E-04	U5DYA	1.764E-04	U5DYB
RF	B127 RGB90X120	4.96	3.712E-04	U5DYA	2.411E-04	U5EXA
RF	B127 RGB90X120	5.45	3.712E-04	U5DYA	3.432E-04	U5EXA
RF	B128 RGB90X120	0.55	0.0	U7DYB	3.357E-04	U5EXA
RF	B128 RGB90X120	1.04	0.0	U7DYB	2.336E-04	U5EXA
RF	B128 RGB90X120	1.53	0.0	U7DYB	1.442E-04	U5DYB
RF	B128 RGB90X120	2.02	0.0	U7DYB	1.487E-04	U5DYB
RF	B128 RGB90X120	2.51	0.0	U7DYB	2.315E-04	U5EXA
RF	B128 RGB90X120	3.00	0.0	U7DYB	3.157E-04	U5EXA
RF	B128 RGB90X120	3.00	0.0	U7DYB	2.782E-04	U5EXA
RF	B128 RGB90X120	3.49	0.0	U7DYB	1.940E-04	U5EXA
RF	B128 RGB90X120	3.98	0.0	U7DYB	1.431E-04	U5DYB
RF	B128 RGB90X120	4.47	0.0	U7DYB	1.475E-04	U5DYB
RF	B128 RGB90X120	4.96	0.0	U7DYB	2.656E-04	U5EXA
RF	B128 RGB90X120	5.45	0.0	U7DYB	3.678E-04	U5EXA
RF	B129 RGB90X120	0.55	0.0	U7DYB	3.456E-04	U5EXA
RF	B129 RGB90X120	1.04	0.0	U7DYB	2.434E-04	U5EXA
RF	B129 RGB90X120	1.53	0.0	U7DYB	1.362E-04	U5DYB
RF	B129 RGB90X120	2.02	0.0	U7DYB	1.407E-04	U5DYB
RF	B129 RGB90X120	2.51	0.0	U7DYB	2.276E-04	U5EXA
RF	B129 RGB90X120	3.00	0.0	U7DYB	3.118E-04	U5EXA
RF	B129 RGB90X120	3.00	0.0	U7DYB	2.853E-04	U5EXA
RF	B129 RGB90X120	3.49	0.0	U7DYB	2.012E-04	U5EXA
RF	B129 RGB90X120	3.98	0.0	U7DYB	1.375E-04	U5DYB
RF	B129 RGB90X120	4.47	0.0	U7DYB	1.420E-04	U5DYB
RF	B129 RGB90X120	4.96	0.0	U7DYB	2.669E-04	U5EXA
RF	B129 RGB90X120	5.45	0.0	U7DYB	3.690E-04	U5EXA
RF	B130 RGB90X120	0.55	0.0	U7DYB	3.545E-04	U5EXA
RF	B130 RGB90X120	1.04	0.0	U7DYB	2.523E-04	U5EXA
RF	B130 RGB90X120	1.53	0.0	U7DYB	1.376E-04	U5DYB
RF	B130 RGB90X120	2.02	0.0	U7DYB	1.366E-04	U5DYB
RF	B130 RGB90X120	2.51	0.0	U7DYB	2.200E-04	U5EXA
RF	B130 RGB90X120	3.00	0.0	U7DYB	3.042E-04	U5EXA
RF	B130 RGB90X120	3.00	0.0	U7DYB	2.933E-04	U5EXA
RF	B130 RGB90X120	3.49	0.0	U7DYB	2.091E-04	U5EXA
RF	B130 RGB90X120	3.98	0.0	U7DYB	1.356E-04	U5DYB
RF	B130 RGB90X120	4.47	0.0	U7DYB	1.386E-04	U5DYB
RF	B130 RGB90X120	4.96	0.0	U7DYB	2.619E-04	U5EXA
RF	B130 RGB90X120	5.45	0.0	U7DYB	3.640E-04	U5EXA
RF	B131 RGB90X120	0.55	0.0	U7DYB	3.550E-04	U5EXA
RF	B131 RGB90X120	1.04	0.0	U7DYB	2.528E-04	U5EXA
RF	B131 RGB90X120	1.53	0.0	U7DYB	1.366E-04	U5DYB

RF	B131 RGB90X120	2.02	0.0	U7DYB	1.362E-04	U5DYB
RF	B131 RGB90X120	2.51	0.0	U7DYB	2.193E-04	U5EXA
RF	B131 RGB90X120	3.00	0.0	U7DYB	3.035E-04	U5EXA
RF	B131 RGB90X120	3.00	0.0	U7DYB	2.949E-04	U5EXA
RF	B131 RGB90X120	3.49	0.0	U7DYB	2.107E-04	U5EXA
RF	B131 RGB90X120	3.98	0.0	U7DYB	1.352E-04	U5DYB
RF	B131 RGB90X120	4.47	0.0	U7DYB	1.375E-04	U5DYB
RF	B131 RGB90X120	4.96	0.0	U7DYB	2.609E-04	U5EXA
RF	B131 RGB90X120	5.45	0.0	U7DYB	3.631E-04	U5EXA
RF	B132 RGB90X120	0.55	0.0	U7DYB	3.555E-04	U5EXA
RF	B132 RGB90X120	1.04	0.0	U7DYB	2.534E-04	U5EXA
RF	B132 RGB90X120	1.53	0.0	U7DYB	1.361E-04	U5DYB
RF	B132 RGB90X120	2.02	0.0	U7DYB	1.355E-04	U5DYB
RF	B132 RGB90X120	2.51	0.0	U7DYB	2.178E-04	U5EXA
RF	B132 RGB90X120	3.00	0.0	U7DYB	3.020E-04	U5EXA
RF	B132 RGB90X120	3.00	0.0	U7DYB	2.956E-04	U5EXA
RF	B132 RGB90X120	3.49	0.0	U7DYB	2.114E-04	U5EXA
RF	B132 RGB90X120	3.98	0.0	U7DYB	1.349E-04	U5DYB
RF	B132 RGB90X120	4.47	0.0	U7DYB	1.367E-04	U5DYB
RF	B132 RGB90X120	4.96	0.0	U7DYB	2.597E-04	U5EXA
RF	B132 RGB90X120	5.45	0.0	U7DYB	3.619E-04	U5EXA
RF	B133 RGB90X120	0.55	0.0	U7DYB	3.555E-04	U5EXA
RF	B133 RGB90X120	1.04	0.0	U7DYB	2.533E-04	U5EXA
RF	B133 RGB90X120	1.53	0.0	U7DYB	1.352E-04	U5DYB
RF	B133 RGB90X120	2.02	0.0	U7DYB	1.345E-04	U5DYB
RF	B133 RGB90X120	2.51	0.0	U7DYB	2.159E-04	U5EXA
RF	B133 RGB90X120	3.00	0.0	U7DYB	3.001E-04	U5EXA
RF	B133 RGB90X120	3.00	0.0	U7DYB	2.955E-04	U5EXA
RF	B133 RGB90X120	3.49	0.0	U7DYB	2.113E-04	U5EXA
RF	B133 RGB90X120	3.98	0.0	U7DYB	1.340E-04	U5DYB
RF	B133 RGB90X120	4.47	0.0	U7DYB	1.357E-04	U5DYB
RF	B133 RGB90X120	4.96	0.0	U7DYB	2.582E-04	U5EXA
RF	B133 RGB90X120	5.45	0.0	U7DYB	3.604E-04	U5EXA
RF	B134 RGB90X120	0.55	0.0	U7DYB	3.552E-04	U5EXA
RF	B134 RGB90X120	1.04	0.0	U7DYB	2.530E-04	U5EXA
RF	B134 RGB90X120	1.53	0.0	U7DYB	1.338E-04	U5DYB
RF	B134 RGB90X120	2.02	0.0	U7DYB	1.329E-04	U5DYB
RF	B134 RGB90X120	2.51	0.0	U7DYB	2.127E-04	U5EXA
RF	B134 RGB90X120	3.00	0.0	U7DYB	2.969E-04	U5EXA
RF	B134 RGB90X120	3.00	0.0	U7DYB	2.948E-04	U5EXA
RF	B134 RGB90X120	3.49	0.0	U7DYB	2.106E-04	U5EXA
RF	B134 RGB90X120	3.98	0.0	U7DYB	1.325E-04	U5DYB
RF	B134 RGB90X120	4.47	0.0	U7DYB	1.342E-04	U5DYB
RF	B134 RGB90X120	4.96	0.0	U7DYB	2.558E-04	U5EXA
RF	B134 RGB90X120	5.45	0.0	U7DYB	3.580E-04	U5EXA
RF	B135 RGB90X120	0.55	2.367E-04	U5DYA	3.557E-04	U5EXA
RF	B135 RGB90X120	1.04	2.367E-04	U5DYA	2.536E-04	U5EXA
RF	B135 RGB90X120	1.53	2.367E-04	U5DYA	1.317E-04	U5DYB
RF	B135 RGB90X120	2.02	2.367E-04	U5DYA	1.300E-04	U5DYB
RF	B135 RGB90X120	2.51	2.367E-04	U5DYA	2.057E-04	U5EXA
RF	B135 RGB90X120	3.00	2.367E-04	U5DYA	2.899E-04	U5EXA
RF	B135 RGB90X120	3.00	2.410E-04	U5DYA	2.945E-04	U5EXA
RF	B135 RGB90X120	3.49	2.410E-04	U5DYA	2.103E-04	U5EXA
RF	B135 RGB90X120	3.98	2.410E-04	U5DYA	1.302E-04	U5DYB
RF	B135 RGB90X120	4.47	2.410E-04	U5DYA	1.314E-04	U5DYB
RF	B135 RGB90X120	4.96	2.410E-04	U5DYA	2.495E-04	U5EXA
RF	B135 RGB90X120	5.45	2.410E-04	U5DYA	3.517E-04	U5EXA
RF	B136 RGB90X120	0.55	3.841E-04	U5DYA	3.603E-04	U5EXA
RF	B136 RGB90X120	1.04	3.841E-04	U5DYA	2.581E-04	U5EXA
RF	B136 RGB90X120	1.53	3.841E-04	U5DYA	1.266E-04	U5DYB

RF	B136	RGB90X120	2.02	3.841E-04	U5DYA	1.231E-04	U5DYB
RF	B136	RGB90X120	2.51	3.841E-04	U5DYA	1.897E-04	U5EXA
RF	B136	RGB90X120	3.00	3.841E-04	U5DYA	2.739E-04	U5EXA
RF	B136	RGB90X120	3.00	3.888E-04	U5DYA	3.022E-04	U5EXA
RF	B136	RGB90X120	3.49	3.888E-04	U5DYA	2.180E-04	U5EXA
RF	B136	RGB90X120	3.98	3.888E-04	U5DYA	1.247E-04	U5DYB
RF	B136	RGB90X120	4.47	3.888E-04	U5DYA	1.249E-04	U5DYB
RF	B136	RGB90X120	4.96	3.888E-04	U5DYA	2.286E-04	U5EXA
RF	B136	RGB90X120	5.45	3.888E-04	U5DYA	3.308E-04	U5EXA
RF	B137	RGB90X120	0.55	3.830E-04	U5DYA	3.165E-04	U5EXA
RF	B137	RGB90X120	1.05	3.830E-04	U5DYA	2.162E-04	U5DYB
RF	B137	RGB90X120	1.55	3.830E-04	U5DYA	2.119E-04	U5DYB
RF	B137	RGB90X120	2.05	3.830E-04	U5DYA	2.091E-04	U5DYB
RF	B137	RGB90X120	2.55	3.830E-04	U5DYA	2.207E-04	U5EXA
RF	B137	RGB90X120	2.55	3.876E-04	U5DYA	2.482E-04	U5EXA
RF	B137	RGB90X120	3.05	3.876E-04	U5DYA	2.116E-04	U5DYB
RF	B137	RGB90X120	3.55	3.876E-04	U5DYA	2.088E-04	U5DYB
RF	B137	RGB90X120	4.05	3.876E-04	U5DYA	2.066E-04	U5DYB
RF	B137	RGB90X120	4.55	3.876E-04	U5DYA	2.909E-04	U5EXA
RF	B138	RGB90X120	0.55	3.350E-04	U5DYA	3.913E-04	U5EXB
RF	B138	RGB90X120	1.03	3.350E-04	U5DYA	2.866E-04	U5EXA
RF	B138	RGB90X120	1.52	3.350E-04	U5DYA	2.345E-04	U5DYB
RF	B138	RGB90X120	2.00	3.350E-04	U5DYA	2.287E-04	U5DYB
RF	B138	RGB90X120	2.48	3.350E-04	U5DYA	2.244E-04	U5DYB
RF	B138	RGB90X120	2.97	3.350E-04	U5DYA	2.409E-04	U5EXA
RF	B138	RGB90X120	3.45	3.350E-04	U5DYA	3.241E-04	U5EXB
RF	B138	RGB90X120	3.45	3.292E-04	U5DYA	3.085E-04	U5EXA
RF	B138	RGB90X120	3.93	3.292E-04	U5DYA	2.362E-04	U5DYB
RF	B138	RGB90X120	4.42	3.292E-04	U5DYA	2.336E-04	U5DYB
RF	B138	RGB90X120	4.90	3.292E-04	U5DYA	2.293E-04	U5DYB
RF	B138	RGB90X120	5.38	3.292E-04	U5DYA	2.235E-04	U5DYB
RF	B138	RGB90X120	5.87	3.292E-04	U5DYA	3.038E-04	U5EXA
RF	B138	RGB90X120	6.35	3.292E-04	U5DYA	4.106E-04	U5EXB
RF	B139	RGB90X120	0.55	4.610E-04	U5DYA	3.569E-04	U5EYA
RF	B139	RGB90X120	1.04	4.610E-04	U5DYA	2.548E-04	U5EYA
RF	B139	RGB90X120	1.53	4.610E-04	U5DYA	1.758E-04	U5DYB
RF	B139	RGB90X120	2.02	4.610E-04	U5DYA	1.802E-04	U5DYB
RF	B139	RGB90X120	2.51	4.610E-04	U5DYA	1.829E-04	U5DYB
RF	B139	RGB90X120	3.00	4.610E-04	U5DYA	2.701E-04	U5EYA
RF	B139	RGB90X120	3.00	4.643E-04	U5DYA	3.564E-04	U5EYB
RF	B139	RGB90X120	3.50	4.643E-04	U5DYA	2.628E-04	U5EYB
RF	B139	RGB90X120	4.00	4.643E-04	U5DYA	1.792E-04	U5DYB
RF	B139	RGB90X120	4.50	4.643E-04	U5DYA	1.748E-04	U5DYB
RF	B139	RGB90X120	5.00	4.643E-04	U5DYA	1.795E-04	U5DYB
RF	B139	RGB90X120	5.50	4.643E-04	U5DYA	2.293E-04	U5EYB
RF	B139	RGB90X120	6.00	4.643E-04	U5DYA	3.230E-04	U5EYB
RF	B139	RGB90X120	6.00	4.683E-04	U5DYA	3.557E-04	U5EYA
RF	B139	RGB90X120	6.49	4.683E-04	U5DYA	2.716E-04	U5EYA
RF	B139	RGB90X120	6.98	4.683E-04	U5DYA	1.772E-04	U5DYB
RF	B139	RGB90X120	7.47	4.683E-04	U5DYA	1.766E-04	U5DYB
RF	B139	RGB90X120	7.96	4.683E-04	U5DYA	1.813E-04	U5DYB
RF	B139	RGB90X120	8.45	4.683E-04	U5DYA	2.670E-04	U5EYA
4F	B1	G90X120	0.60	0.0	U7DYB	3.978E-04	U5EYA
4F	B1	G90X120	1.09	0.0	U7DYB	3.396E-04	U5EYA
4F	B1	G90X120	1.57	0.0	U7DYB	2.815E-04	U5EYA
4F	B1	G90X120	2.06	0.0	U7DYB	2.233E-04	U5EYA
4F	B1	G90X120	2.54	0.0	U7DYB	2.229E-04	U5DYB
4F	B1	G90X120	3.03	0.0	U7DYB	2.229E-04	U5DYB
4F	B1	G90X120	3.51	0.0	U7DYB	2.229E-04	U5DYB
4F	B1	G90X120	4.00	0.0	U7DYB	2.229E-04	U5DYB
4F	B1	G90X120	4.48	0.0	U7DYB	2.529E-04	U5EYA

4F	B1	G90X120	4.97	0.0	U7DYB	3.111E-04	U5EYA
4F	B1	G90X120	5.45	0.0	U7DYB	3.692E-04	U5EYA
4F	B2	G90X120	0.55	0.0	U7DYB	3.784E-04	U5EXA
4F	B2	G90X120	1.04	0.0	U7DYB	3.196E-04	U5EXA
4F	B2	G90X120	1.53	0.0	U7DYB	2.609E-04	U5EXA
4F	B2	G90X120	2.02	0.0	U7DYB	2.034E-04	U5DYB
4F	B2	G90X120	2.51	0.0	U7DYB	2.034E-04	U5DYB
4F	B2	G90X120	3.00	0.0	U7DYB	2.034E-04	U5DYB
4F	B2	G90X120	3.49	0.0	U7DYB	2.034E-04	U5DYB
4F	B2	G90X120	3.98	0.0	U7DYB	2.034E-04	U5DYB
4F	B2	G90X120	4.47	0.0	U7DYB	2.189E-04	U5EXA
4F	B2	G90X120	4.96	0.0	U7DYB	2.777E-04	U5EXA
4F	B2	G90X120	5.45	0.0	U7DYB	3.364E-04	U5EXA
4F	B3	G90X120	0.55	0.0	U7DYB	3.337E-04	U5EXA
4F	B3	G90X120	1.04	0.0	U7DYB	2.750E-04	U5EXA
4F	B3	G90X120	1.53	0.0	U7DYB	2.162E-04	U5EXA
4F	B3	G90X120	2.02	0.0	U7DYB	2.126E-04	U5DYB
4F	B3	G90X120	2.51	0.0	U7DYB	2.126E-04	U5DYB
4F	B3	G90X120	3.00	0.0	U7DYB	2.126E-04	U5DYB
4F	B3	G90X120	3.49	0.0	U7DYB	2.126E-04	U5DYB
4F	B3	G90X120	3.98	0.0	U7DYB	2.207E-04	U5EXA
4F	B3	G90X120	4.47	0.0	U7DYB	2.794E-04	U5EXA
4F	B3	G90X120	4.96	0.0	U7DYB	3.382E-04	U5EXA
4F	B3	G90X120	5.45	0.0	U7DYB	3.970E-04	U5EXA
4F	B4	G90X120	0.55	0.0	U7DYB	3.627E-04	U5EXA
4F	B4	G90X120	1.04	0.0	U7DYB	3.039E-04	U5EXA
4F	B4	G90X120	1.53	0.0	U7DYB	2.451E-04	U5EXA
4F	B4	G90X120	2.02	0.0	U7DYB	1.945E-04	U5DYB
4F	B4	G90X120	2.51	0.0	U7DYB	1.945E-04	U5DYB
4F	B4	G90X120	3.00	0.0	U7DYB	1.945E-04	U5DYB
4F	B4	G90X120	3.49	0.0	U7DYB	1.945E-04	U5DYB
4F	B4	G90X120	3.98	0.0	U7DYB	1.969E-04	U5EXA
4F	B4	G90X120	4.47	0.0	U7DYB	2.556E-04	U5EXA
4F	B4	G90X120	4.96	0.0	U7DYB	3.144E-04	U5EXA
4F	B4	G90X120	5.45	0.0	U7DYB	3.732E-04	U5EXA
4F	B5	G90X120	0.55	0.0	U7DYB	3.626E-04	U5EXA
4F	B5	G90X120	1.04	0.0	U7DYB	3.038E-04	U5EXA
4F	B5	G90X120	1.53	0.0	U7DYB	2.450E-04	U5EXA
4F	B5	G90X120	2.02	0.0	U7DYB	1.957E-04	U5DYB
4F	B5	G90X120	2.51	0.0	U7DYB	1.957E-04	U5DYB
4F	B5	G90X120	3.00	0.0	U7DYB	1.957E-04	U5DYB
4F	B5	G90X120	3.49	0.0	U7DYB	1.957E-04	U5DYB
4F	B5	G90X120	3.98	0.0	U7DYB	1.990E-04	U5EXA
4F	B5	G90X120	4.47	0.0	U7DYB	2.577E-04	U5EXA
4F	B5	G90X120	4.96	0.0	U7DYB	3.165E-04	U5EXA
4F	B5	G90X120	5.45	0.0	U7DYB	3.753E-04	U5EXA
4F	B6	G90X120	0.55	0.0	U7DYB	3.649E-04	U5EXA
4F	B6	G90X120	1.04	0.0	U7DYB	3.062E-04	U5EXA
4F	B6	G90X120	1.53	0.0	U7DYB	2.474E-04	U5EXA
4F	B6	G90X120	2.02	0.0	U7DYB	1.946E-04	U5DYB
4F	B6	G90X120	2.51	0.0	U7DYB	1.946E-04	U5DYB
4F	B6	G90X120	3.00	0.0	U7DYB	1.946E-04	U5DYB
4F	B6	G90X120	3.49	0.0	U7DYB	1.946E-04	U5DYB
4F	B6	G90X120	3.98	0.0	U7DYB	1.972E-04	U5EXA
4F	B6	G90X120	4.47	0.0	U7DYB	2.559E-04	U5EXA
4F	B6	G90X120	4.96	0.0	U7DYB	3.147E-04	U5EXA
4F	B6	G90X120	5.45	0.0	U7DYB	3.735E-04	U5EXA
4F	B7	G90X120	0.55	0.0	U7DYB	3.656E-04	U5EXA
4F	B7	G90X120	1.04	0.0	U7DYB	3.069E-04	U5EXA

4F	B7	G90X120	1.53	0.0	U7DYB	2.481E-04	U5EXA
4F	B7	G90X120	2.02	0.0	U7DYB	1.940E-04	U5DYB
4F	B7	G90X120	2.51	0.0	U7DYB	1.940E-04	U5DYB
4F	B7	G90X120	3.00	0.0	U7DYB	1.940E-04	U5DYB
4F	B7	G90X120	3.49	0.0	U7DYB	1.940E-04	U5DYB
4F	B7	G90X120	3.98	0.0	U7DYB	1.963E-04	U5EXA
4F	B7	G90X120	4.47	0.0	U7DYB	2.551E-04	U5EXA
4F	B7	G90X120	4.96	0.0	U7DYB	3.139E-04	U5EXA
4F	B7	G90X120	5.45	0.0	U7DYB	3.726E-04	U5EXA
4F	B8	G90X120	0.55	0.0	U7DYB	3.660E-04	U5EXA
4F	B8	G90X120	1.04	0.0	U7DYB	3.072E-04	U5EXA
4F	B8	G90X120	1.53	0.0	U7DYB	2.484E-04	U5EXA
4F	B8	G90X120	2.02	0.0	U7DYB	1.935E-04	U5DYB
4F	B8	G90X120	2.51	0.0	U7DYB	1.935E-04	U5DYB
4F	B8	G90X120	3.00	0.0	U7DYB	1.935E-04	U5DYB
4F	B8	G90X120	3.49	0.0	U7DYB	1.935E-04	U5DYB
4F	B8	G90X120	3.98	0.0	U7DYB	1.954E-04	U5EXA
4F	B8	G90X120	4.47	0.0	U7DYB	2.541E-04	U5EXA
4F	B8	G90X120	4.96	0.0	U7DYB	3.129E-04	U5EXA
4F	B8	G90X120	5.45	0.0	U7DYB	3.717E-04	U5EXA
4F	B9	G90X120	0.55	0.0	U7DYB	3.662E-04	U5EXA
4F	B9	G90X120	1.04	0.0	U7DYB	3.075E-04	U5EXA
4F	B9	G90X120	1.53	0.0	U7DYB	2.487E-04	U5EXA
4F	B9	G90X120	2.02	0.0	U7DYB	1.925E-04	U5DYB
4F	B9	G90X120	2.51	0.0	U7DYB	1.925E-04	U5DYB
4F	B9	G90X120	3.00	0.0	U7DYB	1.925E-04	U5DYB
4F	B9	G90X120	3.49	0.0	U7DYB	1.925E-04	U5DYB
4F	B9	G90X120	3.98	0.0	U7DYB	1.938E-04	U5EXA
4F	B9	G90X120	4.47	0.0	U7DYB	2.526E-04	U5EXA
4F	B9	G90X120	4.96	0.0	U7DYB	3.113E-04	U5EXA
4F	B9	G90X120	5.45	0.0	U7DYB	3.701E-04	U5EXA
4F	B10	G90X120	0.55	0.0	U7DYB	3.667E-04	U5EXA
4F	B10	G90X120	1.04	0.0	U7DYB	3.080E-04	U5EXA
4F	B10	G90X120	1.53	0.0	U7DYB	2.492E-04	U5EXA
4F	B10	G90X120	2.02	0.0	U7DYB	1.908E-04	U5DYB
4F	B10	G90X120	2.51	0.0	U7DYB	1.908E-04	U5DYB
4F	B10	G90X120	3.00	0.0	U7DYB	1.908E-04	U5DYB
4F	B10	G90X120	3.49	0.0	U7DYB	1.908E-04	U5DYB
4F	B10	G90X120	3.98	0.0	U7DYB	1.910E-04	U5EXA
4F	B10	G90X120	4.47	0.0	U7DYB	2.498E-04	U5EXA
4F	B10	G90X120	4.96	0.0	U7DYB	3.086E-04	U5EXA
4F	B10	G90X120	5.45	0.0	U7DYB	3.673E-04	U5EXA
4F	B11	G90X120	0.55	0.0	U7DYB	3.685E-04	U5EXA
4F	B11	G90X120	1.04	0.0	U7DYB	3.098E-04	U5EXA
4F	B11	G90X120	1.53	0.0	U7DYB	2.510E-04	U5EXA
4F	B11	G90X120	2.02	0.0	U7DYB	1.922E-04	U5EXA
4F	B11	G90X120	2.51	0.0	U7DYB	1.890E-04	U5DYB
4F	B11	G90X120	3.00	0.0	U7DYB	1.890E-04	U5DYB
4F	B11	G90X120	3.49	0.0	U7DYB	1.890E-04	U5DYB
4F	B11	G90X120	3.98	0.0	U7DYB	1.890E-04	U5DYB
4F	B11	G90X120	4.47	0.0	U7DYB	2.411E-04	U5EXA
4F	B11	G90X120	4.96	0.0	U7DYB	2.999E-04	U5EXA
4F	B11	G90X120	5.45	0.0	U7DYB	3.587E-04	U5EXA
4F	B12	G90X120	0.55	0.0	U7DYB	3.288E-04	U5EXA
4F	B12	G90X120	1.05	0.0	U7DYB	2.688E-04	U5EXA
4F	B12	G90X120	1.55	0.0	U7DYB	2.089E-04	U5EXA
4F	B12	G90X120	2.05	0.0	U7DYB	1.983E-04	U5DYB
4F	B12	G90X120	2.55	0.0	U7DYB	1.983E-04	U5DYB
4F	B12	G90X120	3.05	0.0	U7DYB	1.983E-04	U5DYB
4F	B12	G90X120	3.55	0.0	U7DYB	2.155E-04	U5EXA

4F	B12	G90X120	4.05	0.0	U7DYB	2.755E-04	U5EXA
4F	B12	G90X120	4.55	0.0	U7DYB	3.354E-04	U5EXA
4F	B13	G90X120	0.55	0.0	U7DYB	4.351E-04	U5EXA
4F	B13	G90X120	1.03	0.0	U7DYB	3.772E-04	U5EXA
4F	B13	G90X120	1.52	0.0	U7DYB	3.192E-04	U5EXA
4F	B13	G90X120	2.00	0.0	U7DYB	2.612E-04	U5EXA
4F	B13	G90X120	2.48	0.0	U7DYB	2.430E-04	U5DYB
4F	B13	G90X120	2.97	0.0	U7DYB	2.430E-04	U5DYB
4F	B13	G90X120	3.45	0.0	U7DYB	2.430E-04	U5DYB
4F	B13	G90X120	3.93	0.0	U7DYB	2.430E-04	U5DYB
4F	B13	G90X120	4.42	0.0	U7DYB	2.430E-04	U5DYB
4F	B13	G90X120	4.90	0.0	U7DYB	2.430E-04	U5DYB
4F	B13	G90X120	5.38	0.0	U7DYB	2.430E-04	U5DYB
4F	B13	G90X120	5.87	0.0	U7DYB	2.991E-04	U5EXA
4F	B13	G90X120	6.35	0.0	U7DYB	3.571E-04	U5EXA
4F	B14	G90X120	0.55	0.0	U7DYB	5.062E-04	U5EYB
4F	B14	G90X120	1.04	0.0	U7DYB	4.417E-04	U5EYB
4F	B14	G90X120	1.54	0.0	U7DYB	3.772E-04	U5EYB
4F	B14	G90X120	2.03	0.0	U7DYB	3.140E-04	U5EYA
4F	B14	G90X120	2.53	0.0	U7DYB	2.362E-04	U5DYB
4F	B14	G90X120	3.02	0.0	U7DYB	2.362E-04	U5DYB
4F	B14	G90X120	3.51	0.0	U7DYB	2.362E-04	U5DYB
4F	B14	G90X120	4.01	0.0	U7DYB	2.362E-04	U5DYB
4F	B14	G90X120	4.50	0.0	U7DYB	2.362E-04	U5DYB
4F	B14	G90X120	4.99	0.0	U7DYB	2.362E-04	U5DYB
4F	B14	G90X120	5.49	0.0	U7DYB	2.362E-04	U5DYB
4F	B14	G90X120	5.98	0.0	U7DYB	2.362E-04	U5DYB
4F	B14	G90X120	6.48	0.0	U7DYB	2.951E-04	U5EYA
4F	B14	G90X120	6.97	0.0	U7DYB	3.552E-04	U5EYB
4F	B14	G90X120	7.46	0.0	U7DYB	4.197E-04	U5EYB
4F	B14	G90X120	7.96	0.0	U7DYB	4.842E-04	U5EYB
4F	B14	G90X120	8.45	0.0	U7DYB	5.487E-04	U5EYB
4F	B17	G90X120	0.60	0.0	U7DYB	6.262E-04	U5EYB
4F	B17	G90X120	1.08	0.0	U7DYB	5.629E-04	U5EYB
4F	B17	G90X120	1.57	0.0	U7DYB	4.997E-04	U5EYB
4F	B17	G90X120	2.05	0.0	U7DYB	4.364E-04	U5EYB
4F	B17	G90X120	2.54	0.0	U7DYB	3.780E-04	U5EYA
4F	B17	G90X120	3.02	0.0	U7DYB	3.199E-04	U5EYA
4F	B17	G90X120	3.51	0.0	U7DYB	2.692E-04	U5DYB
4F	B17	G90X120	3.99	0.0	U7DYB	2.692E-04	U5DYB
4F	B17	G90X120	4.47	0.0	U7DYB	2.692E-04	U5DYB
4F	B17	G90X120	4.96	0.0	U7DYB	2.692E-04	U5DYB
4F	B17	G90X120	5.44	0.0	U7DYB	2.692E-04	U5DYB
4F	B17	G90X120	5.93	0.0	U7DYB	2.692E-04	U5DYB
4F	B17	G90X120	6.41	0.0	U7DYB	2.692E-04	U5DYB
4F	B17	G90X120	6.89	0.0	U7DYB	2.692E-04	U5DYB
4F	B17	G90X120	7.38	0.0	U7DYB	2.692E-04	U5DYB
4F	B17	G90X120	7.86	0.0	U7DYB	3.585E-04	U5EYA
4F	B17	G90X120	8.35	0.0	U7DYB	4.165E-04	U5EYA
4F	B17	G90X120	8.83	0.0	U7DYB	4.785E-04	U5EYB
4F	B17	G90X120	9.32	0.0	U7DYB	5.417E-04	U5EYB
4F	B17	G90X120	9.80	0.0	U7DYB	6.050E-04	U5EYB
4F	B24G100X150-C		0.60	0.0	U7DYB	1.383E-03	U5EYB
4F	B24G100X150-C		1.09	0.0	U7DYB	1.313E-03	U5EYB
4F	B24G100X150-C		1.59	0.0	U7DYB	1.243E-03	U5EYB
4F	B24G100X150-C		2.08	0.0	U7DYB	1.172E-03	U5EYB
4F	B24G100X150-C		2.58	0.0	U7DYB	1.102E-03	U5EYB
4F	B24G100X150-C		3.07	0.0	U7DYB	1.032E-03	U5EYB
4F	B24G100X150-C		3.57	0.0	U7DYB	9.620E-04	U5EYB
4F	B24G100X150-C		4.06	0.0	U7DYB	8.919E-04	U5EYB
4F	B24G100X150-C		4.56	0.0	U7DYB	8.218E-04	U5EYB

4F	B24G100X150-C	5.05	0.0	U7DYB	7.516E-04	U5EYB
4F	B24G100X150-C	5.55	0.0	U7DYB	6.454E-04	U5EYA
4F	B24G100X150-C	6.04	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	6.54	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	7.03	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	7.53	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	8.02	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	8.52	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	9.01	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	9.51	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	10.00	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	10.50	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	10.99	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	11.49	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	11.98	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	12.48	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	12.97	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	13.47	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	13.96	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	14.46	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	14.95	0.0	U7DYB	5.221E-04	U5DYB
4F	B24G100X150-C	15.45	0.0	U7DYB	7.374E-04	U5EYB
4F	B24G100X150-C	15.94	0.0	U7DYB	8.075E-04	U5EYB
4F	B24G100X150-C	16.44	0.0	U7DYB	8.776E-04	U5EYB
4F	B24G100X150-C	16.93	0.0	U7DYB	9.477E-04	U5EYB
4F	B24G100X150-C	17.43	0.0	U7DYB	1.018E-03	U5EYB
4F	B24G100X150-C	17.92	0.0	U7DYB	1.088E-03	U5EYB
4F	B24G100X150-C	18.42	0.0	U7DYB	1.158E-03	U5EYB
4F	B24G100X150-C	18.91	0.0	U7DYB	1.228E-03	U5EYB
4F	B24G100X150-C	19.41	0.0	U7DYB	1.298E-03	U5EYB
4F	B24G100X150-C	19.90	0.0	U7DYB	1.369E-03	U5EYB

4F	B55	G30X50	0.25	1.215E-04	U5DYA	1.394E-03	U5DXA
4F	B55	G30X50	0.74	1.215E-04	U5DYA	1.307E-03	U5DXA
4F	B55	G30X50	1.23	1.215E-04	U5DYA	1.195E-03	U5DXA
4F	B55	G30X50	1.71	1.215E-04	U5DYA	1.058E-03	U5DXA
4F	B55	G30X50	2.20	1.215E-04	U5DYA	9.054E-04	U5DXA
4F	B55	G30X50	2.69	1.215E-04	U5DYA	5.661E-04	U7DXA
4F	B55	G30X50	3.18	1.215E-04	U5DYA	5.243E-04	U5DYB
4F	B55	G30X50	3.67	1.215E-04	U5DYA	5.085E-04	U5DYB
4F	B55	G30X50	4.16	1.215E-04	U5DYA	4.927E-04	U5DYB
4F	B55	G30X50	4.64	1.215E-04	U5DYA	4.903E-04	U5DYB
4F	B55	G30X50	5.13	1.215E-04	U5DYA	5.061E-04	U5DYB
4F	B55	G30X50	5.62	1.215E-04	U5DYA	5.218E-04	U5DYB
4F	B55	G30X50	6.11	1.215E-04	U5DYA	5.376E-04	U5DYB
4F	B55	G30X50	6.60	1.215E-04	U5DYA	8.609E-04	U5DXA
4F	B55	G30X50	7.09	1.215E-04	U5DYA	1.013E-03	U5DXA
4F	B55	G30X50	7.57	1.215E-04	U5DYA	1.151E-03	U5DXA
4F	B55	G30X50	8.06	1.215E-04	U5DYA	1.263E-03	U5DXA
4F	B55	G30X50	8.55	1.215E-04	U5DYA	1.349E-03	U5DXA

4F	B56	G30X50	0.25	1.135E-04	U5DYA	1.486E-03	U5DYA
4F	B56	G30X50	0.75	1.135E-04	U5DYA	1.397E-03	U5DYA
4F	B56	G30X50	1.25	1.135E-04	U5DYA	1.282E-03	U5DYA
4F	B56	G30X50	1.75	1.135E-04	U5DYA	1.255E-03	U5DYB
4F	B56	G30X50	2.25	1.135E-04	U5DYA	1.245E-03	U5DYB
4F	B56	G30X50	2.75	1.135E-04	U5DYA	1.254E-03	U5DYB
4F	B56	G30X50	3.25	1.135E-04	U5DYA	1.259E-03	U5DYB

4F	B58	G30X50	0.25	1.145E-04	U5DYA	1.307E-03	U5DYA
4F	B58	G30X50	0.75	1.145E-04	U5DYA	1.218E-03	U5DYA
4F	B58	G30X50	1.25	1.145E-04	U5DYA	1.186E-03	U5DYB
4F	B58	G30X50	1.75	1.145E-04	U5DYA	1.183E-03	U5DYB
4F	B58	G30X50	2.25	1.145E-04	U5DYA	1.212E-03	U5DYA
4F	B58	G30X50	2.75	1.145E-04	U5DYA	1.328E-03	U5DYA

4F	B58	G30X50	3.25	1.145E-04	U5DYA	1.417E-03	U5DYA
4F	B60	G30X50	0.25	0.0	U7DYB	1.323E-03	U5DXA
4F	B60	G30X50	0.74	0.0	U7DYB	1.236E-03	U5DXA
4F	B60	G30X50	1.23	0.0	U7DYB	1.124E-03	U5DXA
4F	B60	G30X50	1.71	0.0	U7DYB	9.866E-04	U5DXA
4F	B60	G30X50	2.20	0.0	U7DYB	8.344E-04	U5DXA
4F	B60	G30X50	2.69	0.0	U7DYB	5.345E-04	U5DYB
4F	B60	G30X50	3.18	0.0	U7DYB	5.187E-04	U5DYB
4F	B60	G30X50	3.67	0.0	U7DYB	5.029E-04	U5DYB
4F	B60	G30X50	4.16	0.0	U7DYB	4.872E-04	U5DYB
4F	B60	G30X50	4.64	0.0	U7DYB	4.972E-04	U5DYB
4F	B60	G30X50	5.13	0.0	U7DYB	5.130E-04	U5DYB
4F	B60	G30X50	5.62	0.0	U7DYB	5.287E-04	U5DYB
4F	B60	G30X50	6.11	0.0	U7DYB	5.722E-04	U7DXA
4F	B60	G30X50	6.60	0.0	U7DYB	9.200E-04	U5DXA
4F	B60	G30X50	7.09	0.0	U7DYB	1.072E-03	U5DXA
4F	B60	G30X50	7.57	0.0	U7DYB	1.210E-03	U5DXA
4F	B60	G30X50	8.06	0.0	U7DYB	1.322E-03	U5DXA
4F	B60	G30X50	8.55	0.0	U7DYB	1.408E-03	U5DXA
4F	B61	G90X120	0.45	0.0	U7DYB	6.180E-04	U5EYB
4F	B61	G90X120	0.93	0.0	U7DYB	5.548E-04	U5EYB
4F	B61	G90X120	1.42	0.0	U7DYB	4.963E-04	U5EYA
4F	B61	G90X120	1.90	0.0	U7DYB	4.383E-04	U5EYA
4F	B61	G90X120	2.39	0.0	U7DYB	3.802E-04	U5EYA
4F	B61	G90X120	2.87	0.0	U7DYB	3.221E-04	U5EYA
4F	B61	G90X120	3.36	0.0	U7DYB	2.718E-04	U5DYB
4F	B61	G90X120	3.84	0.0	U7DYB	2.718E-04	U5DYB
4F	B61	G90X120	4.32	0.0	U7DYB	2.718E-04	U5DYB
4F	B61	G90X120	4.81	0.0	U7DYB	2.718E-04	U5DYB
4F	B61	G90X120	5.29	0.0	U7DYB	2.718E-04	U5DYB
4F	B61	G90X120	5.78	0.0	U7DYB	2.718E-04	U5DYB
4F	B61	G90X120	6.26	0.0	U7DYB	2.718E-04	U5DYB
4F	B61	G90X120	6.74	0.0	U7DYB	2.718E-04	U5DYB
4F	B61	G90X120	7.23	0.0	U7DYB	3.251E-04	U5EYA
4F	B61	G90X120	7.71	0.0	U7DYB	3.832E-04	U5EYA
4F	B61	G90X120	8.20	0.0	U7DYB	4.413E-04	U5EYA
4F	B61	G90X120	8.68	0.0	U7DYB	4.993E-04	U5EYA
4F	B61	G90X120	9.17	0.0	U7DYB	5.579E-04	U5EYB
4F	B61	G90X120	9.65	0.0	U7DYB	6.212E-04	U5EYB
4F	B85	G90X120	0.60	0.0	U7DYB	6.323E-04	U5EYB
4F	B85	G90X120	1.10	0.0	U7DYB	5.673E-04	U5EYB
4F	B85	G90X120	1.59	0.0	U7DYB	5.031E-04	U5EYA
4F	B85	G90X120	2.09	0.0	U7DYB	4.435E-04	U5EYA
4F	B85	G90X120	2.59	0.0	U7DYB	3.838E-04	U5EYA
4F	B85	G90X120	3.09	0.0	U7DYB	3.241E-04	U5EYA
4F	B85	G90X120	3.58	0.0	U7DYB	2.737E-04	U5DYB
4F	B85	G90X120	4.08	0.0	U7DYB	2.737E-04	U5DYB
4F	B85	G90X120	4.58	0.0	U7DYB	2.737E-04	U5DYB
4F	B85	G90X120	5.08	0.0	U7DYB	2.737E-04	U5DYB
4F	B85	G90X120	5.57	0.0	U7DYB	2.737E-04	U5DYB
4F	B85	G90X120	6.07	0.0	U7DYB	2.737E-04	U5DYB
4F	B85	G90X120	6.57	0.0	U7DYB	2.737E-04	U5DYB
4F	B85	G90X120	7.07	0.0	U7DYB	2.737E-04	U5DYB
4F	B85	G90X120	7.56	0.0	U7DYB	3.287E-04	U5EYA
4F	B85	G90X120	8.06	0.0	U7DYB	3.884E-04	U5EYA
4F	B85	G90X120	8.56	0.0	U7DYB	4.480E-04	U5EYA
4F	B85	G90X120	9.06	0.0	U7DYB	5.077E-04	U5EYA
4F	B85	G90X120	9.55	0.0	U7DYB	5.721E-04	U5EYB
4F	B85	G90X120	10.05	0.0	U7DYB	6.371E-04	U5EYB
4F	B88	G100X150-C	0.60	0.0	U7DYB	1.367E-03	U5EYB
4F	B88	G100X150-C	1.09	0.0	U7DYB	1.296E-03	U5EYB

4F	B88G100X150-C	1.59	0.0	U7DYB	1.226E-03	U5EYB
4F	B88G100X150-C	2.08	0.0	U7DYB	1.156E-03	U5EYB
4F	B88G100X150-C	2.58	0.0	U7DYB	1.086E-03	U5EYB
4F	B88G100X150-C	3.07	0.0	U7DYB	1.016E-03	U5EYB
4F	B88G100X150-C	3.57	0.0	U7DYB	9.458E-04	U5EYB
4F	B88G100X150-C	4.06	0.0	U7DYB	8.757E-04	U5EYB
4F	B88G100X150-C	4.56	0.0	U7DYB	8.056E-04	U5EYB
4F	B88G100X150-C	5.05	0.0	U7DYB	7.354E-04	U5EYB
4F	B88G100X150-C	5.55	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	6.04	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	6.54	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	7.03	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	7.53	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	8.02	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	8.52	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	9.01	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	9.51	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	10.00	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	10.50	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	10.99	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	11.49	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	11.98	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	12.48	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	12.97	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	13.47	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	13.96	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	14.46	0.0	U7DYB	5.228E-04	U5DYB
4F	B88G100X150-C	14.95	0.0	U7DYB	6.473E-04	U5EYA
4F	B88G100X150-C	15.45	0.0	U7DYB	7.536E-04	U5EYB
4F	B88G100X150-C	15.94	0.0	U7DYB	8.237E-04	U5EYB
4F	B88G100X150-C	16.44	0.0	U7DYB	8.938E-04	U5EYB
4F	B88G100X150-C	16.93	0.0	U7DYB	9.640E-04	U5EYB
4F	B88G100X150-C	17.43	0.0	U7DYB	1.034E-03	U5EYB
4F	B88G100X150-C	17.92	0.0	U7DYB	1.104E-03	U5EYB
4F	B88G100X150-C	18.42	0.0	U7DYB	1.174E-03	U5EYB
4F	B88G100X150-C	18.91	0.0	U7DYB	1.244E-03	U5EYB
4F	B88G100X150-C	19.41	0.0	U7DYB	1.315E-03	U5EYB
4F	B88G100X150-C	19.90	0.0	U7DYB	1.385E-03	U5EYB

4F	B121 G90X120	0.45	0.0	U7DYB	5.885E-04	U5EYB
4F	B121 G90X120	0.95	0.0	U7DYB	5.235E-04	U5EYB
4F	B121 G90X120	1.44	0.0	U7DYB	4.586E-04	U5EYB
4F	B121 G90X120	1.94	0.0	U7DYB	3.962E-04	U5EYA
4F	B121 G90X120	2.44	0.0	U7DYB	3.366E-04	U5EYA
4F	B121 G90X120	2.94	0.0	U7DYB	2.643E-04	U5DYB
4F	B121 G90X120	3.43	0.0	U7DYB	2.643E-04	U5DYB
4F	B121 G90X120	3.93	0.0	U7DYB	2.643E-04	U5DYB
4F	B121 G90X120	4.43	0.0	U7DYB	2.643E-04	U5DYB
4F	B121 G90X120	4.92	0.0	U7DYB	2.643E-04	U5DYB
4F	B121 G90X120	5.42	0.0	U7DYB	2.643E-04	U5DYB
4F	B121 G90X120	5.92	0.0	U7DYB	2.643E-04	U5DYB
4F	B121 G90X120	6.42	0.0	U7DYB	2.643E-04	U5DYB
4F	B121 G90X120	6.91	0.0	U7DYB	2.643E-04	U5DYB
4F	B121 G90X120	7.41	0.0	U7DYB	3.562E-04	U5EYA
4F	B121 G90X120	7.91	0.0	U7DYB	4.158E-04	U5EYA
4F	B121 G90X120	8.41	0.0	U7DYB	4.798E-04	U5EYB
4F	B121 G90X120	8.90	0.0	U7DYB	5.447E-04	U5EYB
4F	B121 G90X120	9.40	0.0	U7DYB	6.097E-04	U5EYB

4F	B126 G90X120	0.60	0.0	U7DYB	3.922E-04	U5EYA
4F	B126 G90X120	1.09	0.0	U7DYB	3.341E-04	U5EYA
4F	B126 G90X120	1.57	0.0	U7DYB	2.759E-04	U5EYA
4F	B126 G90X120	2.06	0.0	U7DYB	2.201E-04	U5DYB
4F	B126 G90X120	2.54	0.0	U7DYB	2.201E-04	U5DYB
4F	B126 G90X120	3.03	0.0	U7DYB	2.201E-04	U5DYB

4F	B126	G90X120	3.51	0.0	U7DYB	2.201E-04	U5DYB
4F	B126	G90X120	4.00	0.0	U7DYB	2.201E-04	U5DYB
4F	B126	G90X120	4.48	0.0	U7DYB	2.597E-04	U5EYA
4F	B126	G90X120	4.97	0.0	U7DYB	3.179E-04	U5EYA
4F	B126	G90X120	5.45	0.0	U7DYB	3.761E-04	U5EYA
4F	B127	G90X120	0.55	0.0	U7DYB	3.776E-04	U5EXA
4F	B127	G90X120	1.04	0.0	U7DYB	3.189E-04	U5EXA
4F	B127	G90X120	1.53	0.0	U7DYB	2.601E-04	U5EXA
4F	B127	G90X120	2.02	0.0	U7DYB	2.032E-04	U5DYB
4F	B127	G90X120	2.51	0.0	U7DYB	2.032E-04	U5DYB
4F	B127	G90X120	3.00	0.0	U7DYB	2.032E-04	U5DYB
4F	B127	G90X120	3.49	0.0	U7DYB	2.032E-04	U5DYB
4F	B127	G90X120	3.98	0.0	U7DYB	2.032E-04	U5DYB
4F	B127	G90X120	4.47	0.0	U7DYB	2.211E-04	U5EXA
4F	B127	G90X120	4.96	0.0	U7DYB	2.798E-04	U5EXA
4F	B127	G90X120	5.45	0.0	U7DYB	3.386E-04	U5EXA
4F	B128	G90X120	0.55	0.0	U7DYB	2.005E-04	U5EXA
4F	B128	G90X120	0.99	0.0	U7DYB	1.699E-04	U5DYB
4F	B128	G90X120	1.44	0.0	U7DYB	1.699E-04	U5DYB
4F	B128	G90X120	1.88	0.0	U7DYB	1.699E-04	U5DYB
4F	B128	G90X120	2.32	0.0	U7DYB	1.699E-04	U5DYB
4F	B128	G90X120	2.77	0.0	U7DYB	2.163E-04	U5EXA
4F	B128	G90X120	3.21	0.0	U7DYB	2.694E-04	U5EXA
4F	B128	G90X120	3.21	0.0	U7DYB	1.831E-04	U5EXA
4F	B128	G90X120	3.66	0.0	U7DYB	1.682E-04	U5DYB
4F	B128	G90X120	4.11	0.0	U7DYB	1.682E-04	U5DYB
4F	B128	G90X120	4.55	0.0	U7DYB	1.682E-04	U5DYB
4F	B128	G90X120	5.00	0.0	U7DYB	1.938E-04	U5EXA
4F	B128	G90X120	5.45	0.0	U7DYB	2.476E-04	U5EXA
4F	B129	G90X120	0.55	0.0	U7DYB	3.639E-04	U5EXA
4F	B129	G90X120	1.04	0.0	U7DYB	3.051E-04	U5EXA
4F	B129	G90X120	1.53	0.0	U7DYB	2.463E-04	U5EXA
4F	B129	G90X120	2.02	0.0	U7DYB	1.948E-04	U5DYB
4F	B129	G90X120	2.51	0.0	U7DYB	1.948E-04	U5DYB
4F	B129	G90X120	3.00	0.0	U7DYB	1.948E-04	U5DYB
4F	B129	G90X120	3.49	0.0	U7DYB	1.948E-04	U5DYB
4F	B129	G90X120	3.98	0.0	U7DYB	1.967E-04	U5EXA
4F	B129	G90X120	4.47	0.0	U7DYB	2.555E-04	U5EXA
4F	B129	G90X120	4.96	0.0	U7DYB	3.143E-04	U5EXA
4F	B129	G90X120	5.45	0.0	U7DYB	3.731E-04	U5EXA
4F	B130	G90X120	0.55	0.0	U7DYB	3.636E-04	U5EXA
4F	B130	G90X120	1.04	0.0	U7DYB	3.049E-04	U5EXA
4F	B130	G90X120	1.53	0.0	U7DYB	2.461E-04	U5EXA
4F	B130	G90X120	2.02	0.0	U7DYB	1.961E-04	U5DYB
4F	B130	G90X120	2.51	0.0	U7DYB	1.961E-04	U5DYB
4F	B130	G90X120	3.00	0.0	U7DYB	1.961E-04	U5DYB
4F	B130	G90X120	3.49	0.0	U7DYB	1.961E-04	U5DYB
4F	B130	G90X120	3.98	0.0	U7DYB	1.989E-04	U5EXA
4F	B130	G90X120	4.47	0.0	U7DYB	2.577E-04	U5EXA
4F	B130	G90X120	4.96	0.0	U7DYB	3.164E-04	U5EXA
4F	B130	G90X120	5.45	0.0	U7DYB	3.752E-04	U5EXA
4F	B131	G90X120	0.55	0.0	U7DYB	3.659E-04	U5EXA
4F	B131	G90X120	1.04	0.0	U7DYB	3.071E-04	U5EXA
4F	B131	G90X120	1.53	0.0	U7DYB	2.483E-04	U5EXA
4F	B131	G90X120	2.02	0.0	U7DYB	1.949E-04	U5DYB
4F	B131	G90X120	2.51	0.0	U7DYB	1.949E-04	U5DYB
4F	B131	G90X120	3.00	0.0	U7DYB	1.949E-04	U5DYB
4F	B131	G90X120	3.49	0.0	U7DYB	1.949E-04	U5DYB
4F	B131	G90X120	3.98	0.0	U7DYB	1.971E-04	U5EXA
4F	B131	G90X120	4.47	0.0	U7DYB	2.558E-04	U5EXA

4F	B131	G90X120	4.96	0.0	U7DYB	3.146E-04	U5EXA
4F	B131	G90X120	5.45	0.0	U7DYB	3.734E-04	U5EXA
4F	B132	G90X120	0.55	0.0	U7DYB	3.663E-04	U5EXA
4F	B132	G90X120	1.04	0.0	U7DYB	3.076E-04	U5EXA
4F	B132	G90X120	1.53	0.0	U7DYB	2.488E-04	U5EXA
4F	B132	G90X120	2.02	0.0	U7DYB	1.942E-04	U5DYB
4F	B132	G90X120	2.51	0.0	U7DYB	1.942E-04	U5DYB
4F	B132	G90X120	3.00	0.0	U7DYB	1.942E-04	U5DYB
4F	B132	G90X120	3.49	0.0	U7DYB	1.942E-04	U5DYB
4F	B132	G90X120	3.98	0.0	U7DYB	1.961E-04	U5EXA
4F	B132	G90X120	4.47	0.0	U7DYB	2.548E-04	U5EXA
4F	B132	G90X120	4.96	0.0	U7DYB	3.136E-04	U5EXA
4F	B132	G90X120	5.45	0.0	U7DYB	3.724E-04	U5EXA
4F	B133	G90X120	0.55	0.0	U7DYB	3.663E-04	U5EXA
4F	B133	G90X120	1.04	0.0	U7DYB	3.076E-04	U5EXA
4F	B133	G90X120	1.53	0.0	U7DYB	2.488E-04	U5EXA
4F	B133	G90X120	2.02	0.0	U7DYB	1.933E-04	U5DYB
4F	B133	G90X120	2.51	0.0	U7DYB	1.933E-04	U5DYB
4F	B133	G90X120	3.00	0.0	U7DYB	1.933E-04	U5DYB
4F	B133	G90X120	3.49	0.0	U7DYB	1.933E-04	U5DYB
4F	B133	G90X120	3.98	0.0	U7DYB	1.947E-04	U5EXA
4F	B133	G90X120	4.47	0.0	U7DYB	2.534E-04	U5EXA
4F	B133	G90X120	4.96	0.0	U7DYB	3.122E-04	U5EXA
4F	B133	G90X120	5.45	0.0	U7DYB	3.710E-04	U5EXA
4F	B134	G90X120	0.55	0.0	U7DYB	3.662E-04	U5EXA
4F	B134	G90X120	1.04	0.0	U7DYB	3.074E-04	U5EXA
4F	B134	G90X120	1.53	0.0	U7DYB	2.487E-04	U5EXA
4F	B134	G90X120	2.02	0.0	U7DYB	1.915E-04	U5DYB
4F	B134	G90X120	2.51	0.0	U7DYB	1.915E-04	U5DYB
4F	B134	G90X120	3.00	0.0	U7DYB	1.915E-04	U5DYB
4F	B134	G90X120	3.49	0.0	U7DYB	1.915E-04	U5DYB
4F	B134	G90X120	3.98	0.0	U7DYB	1.921E-04	U5EXA
4F	B134	G90X120	4.47	0.0	U7DYB	2.509E-04	U5EXA
4F	B134	G90X120	4.96	0.0	U7DYB	3.097E-04	U5EXA
4F	B134	G90X120	5.45	0.0	U7DYB	3.684E-04	U5EXA
4F	B135	G90X120	0.55	0.0	U7DYB	3.662E-04	U5EXA
4F	B135	G90X120	1.04	0.0	U7DYB	3.074E-04	U5EXA
4F	B135	G90X120	1.53	0.0	U7DYB	2.486E-04	U5EXA
4F	B135	G90X120	2.02	0.0	U7DYB	1.899E-04	U5EXA
4F	B135	G90X120	2.51	0.0	U7DYB	1.893E-04	U5DYB
4F	B135	G90X120	3.00	0.0	U7DYB	1.893E-04	U5DYB
4F	B135	G90X120	3.49	0.0	U7DYB	1.893E-04	U5DYB
4F	B135	G90X120	3.98	0.0	U7DYB	1.893E-04	U5DYB
4F	B135	G90X120	4.47	0.0	U7DYB	2.462E-04	U5EXA
4F	B135	G90X120	4.96	0.0	U7DYB	3.050E-04	U5EXA
4F	B135	G90X120	5.45	0.0	U7DYB	3.638E-04	U5EXA
4F	B136	G90X120	0.55	0.0	U7DYB	3.677E-04	U5EXA
4F	B136	G90X120	1.04	0.0	U7DYB	3.089E-04	U5EXA
4F	B136	G90X120	1.53	0.0	U7DYB	2.501E-04	U5EXA
4F	B136	G90X120	2.02	0.0	U7DYB	1.914E-04	U5EXA
4F	B136	G90X120	2.51	0.0	U7DYB	1.865E-04	U5DYB
4F	B136	G90X120	3.00	0.0	U7DYB	1.865E-04	U5DYB
4F	B136	G90X120	3.49	0.0	U7DYB	1.865E-04	U5DYB
4F	B136	G90X120	3.98	0.0	U7DYB	1.865E-04	U5DYB
4F	B136	G90X120	4.47	0.0	U7DYB	2.327E-04	U5EXA
4F	B136	G90X120	4.96	0.0	U7DYB	2.914E-04	U5EXA
4F	B136	G90X120	5.45	0.0	U7DYB	3.502E-04	U5EXA
4F	B137	G90X120	0.55	0.0	U7DYB	3.295E-04	U5EXA
4F	B137	G90X120	1.05	0.0	U7DYB	2.696E-04	U5EXA

4F	B137	G90X120	1.55	0.0	U7DYB	2.156E-04	U5DYB
4F	B137	G90X120	2.05	0.0	U7DYB	2.156E-04	U5DYB
4F	B137	G90X120	2.55	0.0	U7DYB	2.156E-04	U5DYB
4F	B137	G90X120	3.05	0.0	U7DYB	2.156E-04	U5DYB
4F	B137	G90X120	3.55	0.0	U7DYB	2.156E-04	U5DYB
4F	B137	G90X120	4.05	0.0	U7DYB	2.518E-04	U5EXA
4F	B137	G90X120	4.55	0.0	U7DYB	3.117E-04	U5EXA
4F	B138	G90X120	0.55	0.0	U7DYB	4.467E-04	U5EXB
4F	B138	G90X120	1.03	0.0	U7DYB	3.836E-04	U5EXB
4F	B138	G90X120	1.52	0.0	U7DYB	3.318E-04	U5DYB
4F	B138	G90X120	2.00	0.0	U7DYB	3.318E-04	U5DYB
4F	B138	G90X120	2.48	0.0	U7DYB	3.318E-04	U5DYB
4F	B138	G90X120	2.97	0.0	U7DYB	3.318E-04	U5DYB
4F	B138	G90X120	3.45	0.0	U7DYB	3.318E-04	U5DYB
4F	B138	G90X120	3.93	0.0	U7DYB	3.318E-04	U5DYB
4F	B138	G90X120	4.42	0.0	U7DYB	3.318E-04	U5DYB
4F	B138	G90X120	4.90	0.0	U7DYB	3.318E-04	U5DYB
4F	B138	G90X120	5.38	0.0	U7DYB	3.318E-04	U5DYB
4F	B138	G90X120	5.87	0.0	U7DYB	3.318E-04	U5DYB
4F	B138	G90X120	6.35	0.0	U7DYB	3.365E-04	U5EXA
4F	B139	G90X120	0.55	0.0	U7DYB	5.079E-04	U5EYB
4F	B139	G90X120	1.04	0.0	U7DYB	4.434E-04	U5EYB
4F	B139	G90X120	1.54	0.0	U7DYB	3.789E-04	U5EYB
4F	B139	G90X120	2.03	0.0	U7DYB	3.153E-04	U5EYA
4F	B139	G90X120	2.53	0.0	U7DYB	2.339E-04	U5DYB
4F	B139	G90X120	3.02	0.0	U7DYB	2.339E-04	U5DYB
4F	B139	G90X120	3.51	0.0	U7DYB	2.339E-04	U5DYB
4F	B139	G90X120	4.01	0.0	U7DYB	2.339E-04	U5DYB
4F	B139	G90X120	4.50	0.0	U7DYB	2.339E-04	U5DYB
4F	B139	G90X120	4.99	0.0	U7DYB	2.339E-04	U5DYB
4F	B139	G90X120	5.49	0.0	U7DYB	2.339E-04	U5DYB
4F	B139	G90X120	5.98	0.0	U7DYB	2.339E-04	U5DYB
4F	B139	G90X120	6.48	0.0	U7DYB	2.928E-04	U5EYA
4F	B139	G90X120	6.97	0.0	U7DYB	3.531E-04	U5EYB
4F	B139	G90X120	7.46	0.0	U7DYB	4.176E-04	U5EYB
4F	B139	G90X120	7.96	0.0	U7DYB	4.821E-04	U5EYB
4F	B139	G90X120	8.45	0.0	U7DYB	5.466E-04	U5EYB
3F	B1	G90X120	0.60	2.395E-04	U5DYA	3.956E-04	U5EYA
3F	B1	G90X120	1.09	2.395E-04	U5DYA	3.374E-04	U5EYA
3F	B1	G90X120	1.57	2.395E-04	U5DYA	2.793E-04	U5EYA
3F	B1	G90X120	2.06	2.395E-04	U5DYA	2.211E-04	U5EYA
3F	B1	G90X120	2.54	2.395E-04	U5DYA	2.183E-04	U5DYB
3F	B1	G90X120	3.03	2.395E-04	U5DYA	2.183E-04	U5DYB
3F	B1	G90X120	3.51	2.395E-04	U5DYA	2.183E-04	U5DYB
3F	B1	G90X120	4.00	2.395E-04	U5DYA	2.183E-04	U5DYB
3F	B1	G90X120	4.48	2.395E-04	U5DYA	2.512E-04	U5EYA
3F	B1	G90X120	4.97	2.395E-04	U5DYA	3.094E-04	U5EYA
3F	B1	G90X120	5.45	2.395E-04	U5DYA	3.675E-04	U5EYA
3F	B2	G90X120	0.55	0.0	U7DYB	3.958E-04	U5EXA
3F	B2	G90X120	1.04	0.0	U7DYB	3.370E-04	U5EXA
3F	B2	G90X120	1.53	0.0	U7DYB	2.782E-04	U5EXA
3F	B2	G90X120	2.02	0.0	U7DYB	2.195E-04	U5EXA
3F	B2	G90X120	2.51	0.0	U7DYB	2.164E-04	U5DYB
3F	B2	G90X120	3.00	0.0	U7DYB	2.164E-04	U5DYB
3F	B2	G90X120	3.49	0.0	U7DYB	2.164E-04	U5DYB
3F	B2	G90X120	3.98	0.0	U7DYB	2.164E-04	U5DYB
3F	B2	G90X120	4.47	0.0	U7DYB	2.482E-04	U5EXA
3F	B2	G90X120	4.96	0.0	U7DYB	3.069E-04	U5EXA
3F	B2	G90X120	5.45	0.0	U7DYB	3.657E-04	U5EXA
3F	B3	G90X120	0.55	0.0	U7DYB	3.734E-04	U5EXA

3F	B3	G90X120	1.04	0.0	U7DYB	3.146E-04	U5EXA
3F	B3	G90X120	1.53	0.0	U7DYB	2.559E-04	U5EXA
3F	B3	G90X120	2.02	0.0	U7DYB	2.110E-04	U5DYB
3F	B3	G90X120	2.51	0.0	U7DYB	2.110E-04	U5DYB
3F	B3	G90X120	3.00	0.0	U7DYB	2.110E-04	U5DYB
3F	B3	G90X120	3.49	0.0	U7DYB	2.110E-04	U5DYB
3F	B3	G90X120	3.98	0.0	U7DYB	2.127E-04	U5EXA
3F	B3	G90X120	4.47	0.0	U7DYB	2.714E-04	U5EXA
3F	B3	G90X120	4.96	0.0	U7DYB	3.302E-04	U5EXA
3F	B3	G90X120	5.45	0.0	U7DYB	3.890E-04	U5EXA
3F	B4	G90X120	0.55	0.0	U7DYB	3.756E-04	U5EXA
3F	B4	G90X120	1.04	0.0	U7DYB	3.168E-04	U5EXA
3F	B4	G90X120	1.53	0.0	U7DYB	2.580E-04	U5EXA
3F	B4	G90X120	2.02	0.0	U7DYB	2.124E-04	U5DYB
3F	B4	G90X120	2.51	0.0	U7DYB	2.124E-04	U5DYB
3F	B4	G90X120	3.00	0.0	U7DYB	2.124E-04	U5DYB
3F	B4	G90X120	3.49	0.0	U7DYB	2.124E-04	U5DYB
3F	B4	G90X120	3.98	0.0	U7DYB	2.132E-04	U5EXA
3F	B4	G90X120	4.47	0.0	U7DYB	2.719E-04	U5EXA
3F	B4	G90X120	4.96	0.0	U7DYB	3.307E-04	U5EXA
3F	B4	G90X120	5.45	0.0	U7DYB	3.895E-04	U5EXA
3F	B5	G90X120	0.55	0.0	U7DYB	3.794E-04	U5EXA
3F	B5	G90X120	1.04	0.0	U7DYB	3.206E-04	U5EXA
3F	B5	G90X120	1.53	0.0	U7DYB	2.619E-04	U5EXA
3F	B5	G90X120	2.02	0.0	U7DYB	2.107E-04	U5DYB
3F	B5	G90X120	2.51	0.0	U7DYB	2.107E-04	U5DYB
3F	B5	G90X120	3.00	0.0	U7DYB	2.107E-04	U5DYB
3F	B5	G90X120	3.49	0.0	U7DYB	2.107E-04	U5DYB
3F	B5	G90X120	3.98	0.0	U7DYB	2.110E-04	U5EXA
3F	B5	G90X120	4.47	0.0	U7DYB	2.697E-04	U5EXA
3F	B5	G90X120	4.96	0.0	U7DYB	3.285E-04	U5EXA
3F	B5	G90X120	5.45	0.0	U7DYB	3.873E-04	U5EXA
3F	B6	G90X120	0.55	0.0	U7DYB	3.800E-04	U5EXA
3F	B6	G90X120	1.04	0.0	U7DYB	3.212E-04	U5EXA
3F	B6	G90X120	1.53	0.0	U7DYB	2.624E-04	U5EXA
3F	B6	G90X120	2.02	0.0	U7DYB	2.105E-04	U5DYB
3F	B6	G90X120	2.51	0.0	U7DYB	2.105E-04	U5DYB
3F	B6	G90X120	3.00	0.0	U7DYB	2.105E-04	U5DYB
3F	B6	G90X120	3.49	0.0	U7DYB	2.105E-04	U5DYB
3F	B6	G90X120	3.98	0.0	U7DYB	2.111E-04	U5EXA
3F	B6	G90X120	4.47	0.0	U7DYB	2.699E-04	U5EXA
3F	B6	G90X120	4.96	0.0	U7DYB	3.286E-04	U5EXA
3F	B6	G90X120	5.45	0.0	U7DYB	3.874E-04	U5EXA
3F	B7	G90X120	0.55	0.0	U7DYB	3.805E-04	U5EXA
3F	B7	G90X120	1.04	0.0	U7DYB	3.218E-04	U5EXA
3F	B7	G90X120	1.53	0.0	U7DYB	2.630E-04	U5EXA
3F	B7	G90X120	2.02	0.0	U7DYB	2.102E-04	U5DYB
3F	B7	G90X120	2.51	0.0	U7DYB	2.102E-04	U5DYB
3F	B7	G90X120	3.00	0.0	U7DYB	2.102E-04	U5DYB
3F	B7	G90X120	3.49	0.0	U7DYB	2.102E-04	U5DYB
3F	B7	G90X120	3.98	0.0	U7DYB	2.108E-04	U5EXA
3F	B7	G90X120	4.47	0.0	U7DYB	2.695E-04	U5EXA
3F	B7	G90X120	4.96	0.0	U7DYB	3.283E-04	U5EXA
3F	B7	G90X120	5.45	0.0	U7DYB	3.871E-04	U5EXA
3F	B8	G90X120	0.55	0.0	U7DYB	3.808E-04	U5EXA
3F	B8	G90X120	1.04	0.0	U7DYB	3.221E-04	U5EXA
3F	B8	G90X120	1.53	0.0	U7DYB	2.633E-04	U5EXA
3F	B8	G90X120	2.02	0.0	U7DYB	2.100E-04	U5DYB
3F	B8	G90X120	2.51	0.0	U7DYB	2.100E-04	U5DYB
3F	B8	G90X120	3.00	0.0	U7DYB	2.100E-04	U5DYB

3F	B8	G90X120	3.49	0.0	U7DYB	2.100E-04	U5DYB
3F	B8	G90X120	3.98	0.0	U7DYB	2.104E-04	U5EXA
3F	B8	G90X120	4.47	0.0	U7DYB	2.691E-04	U5EXA
3F	B8	G90X120	4.96	0.0	U7DYB	3.279E-04	U5EXA
3F	B8	G90X120	5.45	0.0	U7DYB	3.867E-04	U5EXA
3F	B9	G90X120	0.55	0.0	U7DYB	3.811E-04	U5EXA
3F	B9	G90X120	1.04	0.0	U7DYB	3.224E-04	U5EXA
3F	B9	G90X120	1.53	0.0	U7DYB	2.636E-04	U5EXA
3F	B9	G90X120	2.02	0.0	U7DYB	2.095E-04	U5DYB
3F	B9	G90X120	2.51	0.0	U7DYB	2.095E-04	U5DYB
3F	B9	G90X120	3.00	0.0	U7DYB	2.095E-04	U5DYB
3F	B9	G90X120	3.49	0.0	U7DYB	2.095E-04	U5DYB
3F	B9	G90X120	3.98	0.0	U7DYB	2.096E-04	U5EXA
3F	B9	G90X120	4.47	0.0	U7DYB	2.684E-04	U5EXA
3F	B9	G90X120	4.96	0.0	U7DYB	3.272E-04	U5EXA
3F	B9	G90X120	5.45	0.0	U7DYB	3.859E-04	U5EXA
3F	B10	G90X120	0.55	0.0	U7DYB	3.812E-04	U5EXA
3F	B10	G90X120	1.04	0.0	U7DYB	3.225E-04	U5EXA
3F	B10	G90X120	1.53	0.0	U7DYB	2.637E-04	U5EXA
3F	B10	G90X120	2.02	0.0	U7DYB	2.094E-04	U5DYB
3F	B10	G90X120	2.51	0.0	U7DYB	2.094E-04	U5DYB
3F	B10	G90X120	3.00	0.0	U7DYB	2.094E-04	U5DYB
3F	B10	G90X120	3.49	0.0	U7DYB	2.094E-04	U5DYB
3F	B10	G90X120	3.98	0.0	U7DYB	2.094E-04	U5DYB
3F	B10	G90X120	4.47	0.0	U7DYB	2.676E-04	U5EXA
3F	B10	G90X120	4.96	0.0	U7DYB	3.264E-04	U5EXA
3F	B10	G90X120	5.45	0.0	U7DYB	3.852E-04	U5EXA
3F	B11	G90X120	0.55	0.0	U7DYB	3.798E-04	U5EXA
3F	B11	G90X120	1.04	0.0	U7DYB	3.210E-04	U5EXA
3F	B11	G90X120	1.53	0.0	U7DYB	2.623E-04	U5EXA
3F	B11	G90X120	2.02	0.0	U7DYB	2.094E-04	U5DYB
3F	B11	G90X120	2.51	0.0	U7DYB	2.094E-04	U5DYB
3F	B11	G90X120	3.00	0.0	U7DYB	2.094E-04	U5DYB
3F	B11	G90X120	3.49	0.0	U7DYB	2.094E-04	U5DYB
3F	B11	G90X120	3.98	0.0	U7DYB	2.094E-04	U5DYB
3F	B11	G90X120	4.47	0.0	U7DYB	2.660E-04	U5EXA
3F	B11	G90X120	4.96	0.0	U7DYB	3.247E-04	U5EXA
3F	B11	G90X120	5.45	0.0	U7DYB	3.835E-04	U5EXA
3F	B12	G90X120	0.55	0.0	U7DYB	3.841E-04	U5EXA
3F	B12	G90X120	1.05	0.0	U7DYB	3.241E-04	U5EXA
3F	B12	G90X120	1.55	0.0	U7DYB	2.642E-04	U5EXA
3F	B12	G90X120	2.05	0.0	U7DYB	2.339E-04	U5DYB
3F	B12	G90X120	2.55	0.0	U7DYB	2.339E-04	U5DYB
3F	B12	G90X120	3.05	0.0	U7DYB	2.339E-04	U5DYB
3F	B12	G90X120	3.55	0.0	U7DYB	2.339E-04	U5DYB
3F	B12	G90X120	4.05	0.0	U7DYB	2.784E-04	U5EXA
3F	B12	G90X120	4.55	0.0	U7DYB	3.384E-04	U5EXA
3F	B13	G90X120	0.55	0.0	U7DYB	4.166E-04	U5EXA
3F	B13	G90X120	1.03	0.0	U7DYB	3.587E-04	U5EXA
3F	B13	G90X120	1.52	0.0	U7DYB	3.007E-04	U5EXA
3F	B13	G90X120	2.00	0.0	U7DYB	2.427E-04	U5EXA
3F	B13	G90X120	2.48	0.0	U7DYB	2.073E-04	U5DYB
3F	B13	G90X120	2.97	0.0	U7DYB	2.073E-04	U5DYB
3F	B13	G90X120	3.45	0.0	U7DYB	2.073E-04	U5DYB
3F	B13	G90X120	3.93	0.0	U7DYB	2.073E-04	U5DYB
3F	B13	G90X120	4.42	0.0	U7DYB	2.073E-04	U5DYB
3F	B13	G90X120	4.90	0.0	U7DYB	2.385E-04	U5EXA
3F	B13	G90X120	5.38	0.0	U7DYB	2.965E-04	U5EXA
3F	B13	G90X120	5.87	0.0	U7DYB	3.545E-04	U5EXA
3F	B13	G90X120	6.35	0.0	U7DYB	4.125E-04	U5EXA

3F	B14	G90X120	0.55	0.0	U7DYB	5.211E-04	U5EYB
3F	B14	G90X120	1.04	0.0	U7DYB	4.566E-04	U5EYB
3F	B14	G90X120	1.54	0.0	U7DYB	3.921E-04	U5EYB
3F	B14	G90X120	2.03	0.0	U7DYB	3.276E-04	U5EYB
3F	B14	G90X120	2.53	0.0	U7DYB	2.662E-04	U5EYA
3F	B14	G90X120	3.02	0.0	U7DYB	2.174E-04	U5DYB
3F	B14	G90X120	3.51	0.0	U7DYB	2.174E-04	U5DYB
3F	B14	G90X120	4.01	0.0	U7DYB	2.174E-04	U5DYB
3F	B14	G90X120	4.50	0.0	U7DYB	2.174E-04	U5DYB
3F	B14	G90X120	4.99	0.0	U7DYB	2.174E-04	U5DYB
3F	B14	G90X120	5.49	0.0	U7DYB	2.174E-04	U5DYB
3F	B14	G90X120	5.98	0.0	U7DYB	2.174E-04	U5DYB
3F	B14	G90X120	6.48	0.0	U7DYB	2.764E-04	U5EYA
3F	B14	G90X120	6.97	0.0	U7DYB	3.381E-04	U5EYB
3F	B14	G90X120	7.46	0.0	U7DYB	4.026E-04	U5EYB
3F	B14	G90X120	7.96	0.0	U7DYB	4.671E-04	U5EYB
3F	B14	G90X120	8.45	0.0	U7DYB	5.316E-04	U5EYB
3F	B15	G60X80	0.55	0.0	U7DYB	7.133E-04	U5EYB
3F	B15	G60X80	1.03	0.0	U7DYB	6.274E-04	U5EYB
3F	B15	G60X80	1.50	0.0	U7DYB	5.263E-04	U5EYB
3F	B15	G60X80	1.98	0.0	U7DYB	4.412E-04	U5DYB
3F	B15	G60X80	2.45	0.0	U7DYB	4.298E-04	U5DYB
3F	B15	G60X80	2.93	0.0	U7DYB	4.162E-04	U5DYB
3F	B15	G60X80	3.40	0.0	U7DYB	4.023E-04	U5DYB
3F	B15	G60X80	3.88	0.0	U7DYB	4.128E-04	U5DYB
3F	B15	G60X80	4.35	0.0	U7DYB	4.261E-04	U5DYB
3F	B15	G60X80	4.83	0.0	U7DYB	4.610E-04	U5EYA
3F	B15	G60X80	5.30	0.0	U7DYB	5.738E-04	U5EYB
3F	B15	G60X80	5.78	0.0	U7DYB	6.717E-04	U5EYB
3F	B15	G60X80	6.25	0.0	U7DYB	7.544E-04	U5EYB
3F	B16	G60X80	0.45	0.0	U7DYB	1.062E-03	U5DXB
3F	B16	G60X80	0.94	0.0	U7DYB	9.754E-04	U5DXB
3F	B16	G60X80	1.44	0.0	U7DYB	8.727E-04	U5DXB
3F	B16	G60X80	1.93	0.0	U7DYB	7.535E-04	U5DXB
3F	B16	G60X80	2.43	0.0	U7DYB	6.179E-04	U5DXB
3F	B16	G60X80	2.92	0.0	U7DYB	4.633E-04	U5DYB
3F	B16	G60X80	3.41	0.0	U7DYB	4.489E-04	U5DYB
3F	B16	G60X80	3.91	0.0	U7DYB	4.344E-04	U5DYB
3F	B16	G60X80	4.40	0.0	U7DYB	4.218E-04	U5DYB
3F	B16	G60X80	4.89	0.0	U7DYB	4.362E-04	U5DYB
3F	B16	G60X80	5.39	0.0	U7DYB	4.507E-04	U5DYB
3F	B16	G60X80	5.88	0.0	U7DYB	4.652E-04	U5DYB
3F	B16	G60X80	6.38	0.0	U7DYB	6.048E-04	U5DXB
3F	B16	G60X80	6.87	0.0	U7DYB	7.404E-04	U5DXB
3F	B16	G60X80	7.36	0.0	U7DYB	8.596E-04	U5DXB
3F	B16	G60X80	7.86	0.0	U7DYB	9.623E-04	U5DXB
3F	B16	G60X80	8.35	0.0	U7DYB	1.049E-03	U5DXB
3F	B17	G90X120	0.60	0.0	U7DYB	5.244E-04	U5EYA
3F	B17	G90X120	1.08	0.0	U7DYB	4.497E-04	U5EYA
3F	B17	G90X120	1.56	0.0	U7DYB	3.651E-04	U5EYA
3F	B17	G90X120	2.04	0.0	U7DYB	2.063E-04	U7EYA
3F	B17	G90X120	2.51	0.0	U7DYB	1.563E-04	U5DYB
3F	B17	G90X120	2.99	0.0	U7DYB	1.510E-04	U5DYB
3F	B17	G90X120	3.47	0.0	U7DYB	1.586E-04	U5DYB
3F	B17	G90X120	3.95	0.0	U7DYB	2.645E-04	U5EYA
3F	B17	G90X120	4.43	0.0	U7DYB	3.466E-04	U5EYA
3F	B17	G90X120	4.91	0.0	U7DYB	4.188E-04	U5EYA
3F	B17	G90X120	5.39	0.0	U7DYB	4.812E-04	U5EYA
3F	B17	G90X120	5.39	0.0	U7DYB	4.231E-04	U5EYA
3F	B17	G90X120	5.88	0.0	U7DYB	3.591E-04	U5EYA
3F	B17	G90X120	6.37	0.0	U7DYB	2.847E-04	U5EYA

3F	B17	G90X120	6.86	0.0	U7DYB	1.591E-04	U5DYB
3F	B17	G90X120	7.35	0.0	U7DYB	1.529E-04	U5DYB
3F	B17	G90X120	7.84	0.0	U7DYB	1.533E-04	U5DYB
3F	B17	G90X120	8.33	0.0	U7DYB	1.612E-04	U5DYB
3F	B17	G90X120	8.82	0.0	U7DYB	3.075E-04	U5EYA
3F	B17	G90X120	9.31	0.0	U7DYB	3.913E-04	U5EYA
3F	B17	G90X120	9.80	0.0	U7DYB	4.648E-04	U5EYA
3F	B18	G70X90	0.45	1.870E-04	U5DXB	2.202E-03	U5EYB
3F	B18	G70X90	0.94	1.870E-04	U5DXB	2.105E-03	U5EYB
3F	B18	G70X90	1.44	1.870E-04	U5DXB	1.978E-03	U5EYB
3F	B18	G70X90	1.93	1.870E-04	U5DXB	1.819E-03	U5EYB
3F	B18	G70X90	2.42	1.870E-04	U5DXB	1.629E-03	U5EYB
3F	B18	G70X90	2.92	1.870E-04	U5DXB	1.081E-03	U5DYB
3F	B18	G70X90	3.41	1.870E-04	U5DXB	1.058E-03	U5DYB
3F	B18	G70X90	3.91	1.870E-04	U5DXB	1.040E-03	U5DYB
3F	B18	G70X90	4.40	1.870E-04	U5DXB	1.028E-03	U5DYB
3F	B18	G70X90	4.89	1.870E-04	U5DXB	1.020E-03	U5DYB
3F	B18	G70X90	5.39	1.870E-04	U5DXB	1.018E-03	U5DYB
3F	B18	G70X90	5.39	1.959E-04	U5DXA	1.047E-03	U5DYB
3F	B18	G70X90	5.88	1.959E-04	U5DXA	1.049E-03	U5DYB
3F	B18	G70X90	6.37	1.959E-04	U5DXA	1.441E-03	U5DYB
3F	B18	G70X90	6.86	1.959E-04	U5DXA	1.569E-03	U5DYB
3F	B18	G70X90	7.35	1.959E-04	U5DXA	1.722E-03	U5DYB
3F	B18	G70X90	7.84	1.959E-04	U5DXA	1.890E-03	U5DYB
3F	B18	G70X90	8.33	1.959E-04	U5DXA	2.056E-03	U5DYB
3F	B18	G70X90	8.82	1.959E-04	U5DXA	2.207E-03	U5DYB
3F	B18	G70X90	9.31	1.959E-04	U5DXA	2.334E-03	U5DYB
3F	B18	G70X90	9.80	1.959E-04	U5DXA	2.429E-03	U5DYB
3F	B19	G70X90	0.45	0.0	U7DYB	6.161E-04	U5EYB
3F	B19	G70X90	0.94	0.0	U7DYB	5.219E-04	U5EYB
3F	B19	G70X90	1.44	0.0	U7DYB	4.121E-04	U5EYB
3F	B19	G70X90	1.93	0.0	U7DYB	1.598E-04	U5DYB
3F	B19	G70X90	2.42	0.0	U7DYB	1.487E-04	U5DYB
3F	B19	G70X90	2.92	0.0	U7DYB	1.361E-04	U5DYB
3F	B19	G70X90	3.41	0.0	U7DYB	1.474E-04	U5DYB
3F	B19	G70X90	3.91	0.0	U7DYB	2.888E-04	U5EYB
3F	B19	G70X90	4.40	0.0	U7DYB	4.000E-04	U5EYB
3F	B19	G70X90	4.89	0.0	U7DYB	4.957E-04	U5EYB
3F	B19	G70X90	5.39	0.0	U7DYB	5.757E-04	U5EYB
3F	B19	G70X90	5.39	0.0	U7DYB	4.506E-04	U5EYB
3F	B19	G70X90	5.88	0.0	U7DYB	3.713E-04	U5EYB
3F	B19	G70X90	6.37	0.0	U7DYB	2.765E-04	U5EYB
3F	B19	G70X90	6.86	0.0	U7DYB	1.483E-04	U5DYB
3F	B19	G70X90	7.35	0.0	U7DYB	1.396E-04	U5DYB
3F	B19	G70X90	7.84	0.0	U7DYB	1.433E-04	U5DYB
3F	B19	G70X90	8.33	0.0	U7DYB	1.542E-04	U5DYB
3F	B19	G70X90	8.82	0.0	U7DYB	3.770E-04	U5EYB
3F	B19	G70X90	9.31	0.0	U7DYB	4.859E-04	U5EYB
3F	B19	G70X90	9.80	0.0	U7DYB	5.794E-04	U5EYB
3F	B20	B60X80	0.00	0.0	U7DYB	1.239E-03	U5DXB
3F	B20	B60X80	0.48	0.0	U7DYB	1.183E-03	U5DXB
3F	B20	B60X80	0.96	0.0	U7DYB	1.096E-03	U5DXB
3F	B20	B60X80	1.44	0.0	U7DYB	9.779E-04	U5DXB
3F	B20	B60X80	1.91	0.0	U7DYB	8.289E-04	U5DXB
3F	B20	B60X80	2.39	0.0	U7DYB	5.827E-04	U5DYB
3F	B20	B60X80	2.87	0.0	U7DYB	5.565E-04	U5DYB
3F	B20	B60X80	3.35	0.0	U7DYB	5.298E-04	U5DYB
3F	B20	B60X80	3.83	0.0	U7DYB	5.071E-04	U5DYB
3F	B20	B60X80	4.31	0.0	U7DYB	5.332E-04	U5DYB
3F	B20	B60X80	4.79	0.0	U7DYB	5.556E-04	U5DYB
3F	B20	B60X80	5.26	0.0	U7DYB	5.731E-04	U5DYB
3F	B20	B60X80	5.74	0.0	U7DYB	5.855E-04	U5DYB

3F	B20	B60X80	6.22	0.0	U7DYB	7.022E-04	U5DXA
3F	B20	B60X80	6.70	0.0	U7DYB	7.823E-04	U5DXB
3F	B21	B60X80	0.00	0.0	U7DYB	1.345E-03	U5DXB
3F	B21	B60X80	0.50	0.0	U7DYB	1.286E-03	U5DXB
3F	B21	B60X80	0.99	0.0	U7DYB	1.194E-03	U5DXB
3F	B21	B60X80	1.49	0.0	U7DYB	7.352E-04	U5DYB
3F	B21	B60X80	1.98	0.0	U7DYB	7.192E-04	U5DYB
3F	B21	B60X80	2.48	0.0	U7DYB	7.032E-04	U5DYB
3F	B21	B60X80	2.97	0.0	U7DYB	6.876E-04	U5DYB
3F	B21	B60X80	2.97	0.0	U7DYB	5.822E-04	U5DYB
3F	B21	B60X80	3.46	0.0	U7DYB	5.977E-04	U5DYB
3F	B21	B60X80	3.95	0.0	U7DYB	6.157E-04	U5DYB
3F	B21	B60X80	4.43	0.0	U7DYB	6.363E-04	U5DYB
3F	B21	B60X80	4.92	0.0	U7DYB	6.595E-04	U5DYB
3F	B21	B60X80	5.40	0.0	U7DYB	6.853E-04	U5DYB
3F	B21	B60X80	5.89	0.0	U7DYB	7.123E-04	U5DYB
3F	B21	B60X80	6.37	0.0	U7DYB	1.168E-03	U5DXB
3F	B21	B60X80	6.86	0.0	U7DYB	1.353E-03	U5DXB
3F	B21	B60X80	7.34	0.0	U7DYB	1.505E-03	U5DXB
3F	B21	B60X80	7.83	0.0	U7DYB	1.626E-03	U5DXB
3F	B21	B60X80	8.31	0.0	U7DYB	1.715E-03	U5DXB
3F	B21	B60X80	8.80	0.0	U7DYB	1.773E-03	U5DXB
3F	B24G100X150-C		0.60	0.0	U7DYB	1.368E-03	U5EYB
3F	B24G100X150-C		1.09	0.0	U7DYB	1.298E-03	U5EYB
3F	B24G100X150-C		1.59	0.0	U7DYB	1.228E-03	U5EYB
3F	B24G100X150-C		2.08	0.0	U7DYB	1.158E-03	U5EYB
3F	B24G100X150-C		2.58	0.0	U7DYB	1.088E-03	U5EYB
3F	B24G100X150-C		3.07	0.0	U7DYB	1.018E-03	U5EYB
3F	B24G100X150-C		3.57	0.0	U7DYB	9.476E-04	U5EYB
3F	B24G100X150-C		4.06	0.0	U7DYB	8.775E-04	U5EYB
3F	B24G100X150-C		4.56	0.0	U7DYB	8.074E-04	U5EYB
3F	B24G100X150-C		5.05	0.0	U7DYB	7.372E-04	U5EYB
3F	B24G100X150-C		5.55	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		6.04	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		6.54	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		7.03	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		7.53	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		8.02	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		8.52	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		9.01	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		9.51	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		10.00	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		10.50	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		10.99	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		11.49	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		11.98	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		12.48	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		12.97	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		13.47	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		13.96	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		14.46	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		14.95	0.0	U7DYB	5.175E-04	U5DYB
3F	B24G100X150-C		15.45	0.0	U7DYB	7.496E-04	U5EYB
3F	B24G100X150-C		15.94	0.0	U7DYB	8.198E-04	U5EYB
3F	B24G100X150-C		16.44	0.0	U7DYB	8.899E-04	U5EYB
3F	B24G100X150-C		16.93	0.0	U7DYB	9.600E-04	U5EYB
3F	B24G100X150-C		17.43	0.0	U7DYB	1.030E-03	U5EYB
3F	B24G100X150-C		17.92	0.0	U7DYB	1.100E-03	U5EYB
3F	B24G100X150-C		18.42	0.0	U7DYB	1.170E-03	U5EYB
3F	B24G100X150-C		18.91	0.0	U7DYB	1.241E-03	U5EYB
3F	B24G100X150-C		19.41	0.0	U7DYB	1.311E-03	U5EYB
3F	B24G100X150-C		19.90	0.0	U7DYB	1.381E-03	U5EYB

3F	B53	G60X80	0.45	0.0	U7DYB	1.148E-03	U5DXA
3F	B53	G60X80	0.93	0.0	U7DYB	1.068E-03	U5DXA
3F	B53	G60X80	1.42	0.0	U7DYB	9.586E-04	U5DXA
3F	B53	G60X80	1.90	0.0	U7DYB	8.197E-04	U5DXA
3F	B53	G60X80	2.38	0.0	U7DYB	7.073E-04	U5DYB
3F	B53	G60X80	2.87	0.0	U7DYB	6.808E-04	U5DYB
3F	B53	G60X80	3.35	0.0	U7DYB	6.537E-04	U5DYB
3F	B53	G60X80	3.83	0.0	U7DYB	6.266E-04	U5DYB
3F	B53	G60X80	4.32	0.0	U7DYB	6.426E-04	U5DYB
3F	B53	G60X80	4.80	0.0	U7DYB	6.651E-04	U5DYB
3F	B53	G60X80	5.28	0.0	U7DYB	6.945E-04	U5DXA
3F	B53	G60X80	5.77	0.0	U7DYB	8.039E-04	U5DXA
3F	B53	G60X80	6.25	0.0	U7DYB	8.839E-04	U5DXA
3F	B54	G60X80	0.45	0.0	U7DYB	1.575E-03	U5DXB
3F	B54	G60X80	0.87	0.0	U7DYB	1.494E-03	U5DXB
3F	B54	G60X80	1.29	0.0	U7DYB	1.385E-03	U5DXB
3F	B54	G60X80	1.71	0.0	U7DYB	1.251E-03	U5DXB
3F	B54	G60X80	2.13	0.0	U7DYB	1.117E-03	U5DXB
3F	B54	G60X80	2.55	0.0	U7DYB	9.941E-04	U5DXB
3F	B54	G60X80	2.97	0.0	U7DYB	6.636E-04	U5DYB
3F	B54	G60X80	2.97	0.0	U7DYB	5.390E-04	U5DYB
3F	B54	G60X80	3.44	0.0	U7DYB	5.427E-04	U5DYB
3F	B54	G60X80	3.90	0.0	U7DYB	5.549E-04	U5DYB
3F	B54	G60X80	4.36	0.0	U7DYB	5.694E-04	U5DYB
3F	B54	G60X80	4.82	0.0	U7DYB	5.862E-04	U5DYB
3F	B54	G60X80	5.28	0.0	U7DYB	6.053E-04	U5DYB
3F	B54	G60X80	5.74	0.0	U7DYB	6.261E-04	U5DYB
3F	B54	G60X80	6.20	0.0	U7DYB	6.463E-04	U5DYB
3F	B54	G60X80	6.66	0.0	U7DYB	9.797E-04	U5DXB
3F	B54	G60X80	7.12	0.0	U7DYB	1.108E-03	U5DXB
3F	B54	G60X80	7.58	0.0	U7DYB	1.202E-03	U5DXB
3F	B54	G60X80	7.58	0.0	U7DYB	1.474E-03	U5DXB
3F	B54	G60X80	7.96	0.0	U7DYB	1.541E-03	U5DXB
3F	B54	G60X80	8.35	0.0	U7DYB	1.610E-03	U5DXB
3F	B57	B30X50	0.00	0.0	U7DYB	4.566E-04	U5DYB
3F	B57	B30X50	0.50	0.0	U7DYB	3.951E-04	U5DYB
3F	B57	B30X50	1.00	0.0	U7DYB	2.671E-04	U5DYB
3F	B57	B30X50	1.50	0.0	U7DYB	0.0	U7DYB
3F	B57	B30X50	2.00	0.0	U7DYB	0.0	U7DYB
3F	B57	B30X50	2.50	0.0	U7DYB	2.671E-04	U5DYB
3F	B57	B30X50	3.00	0.0	U7DYB	3.951E-04	U5DYB
3F	B57	B30X50	3.50	0.0	U7DYB	4.566E-04	U5DYB
3F	B59	B40X60	0.00	0.0	U7DYB	1.551E-03	U5DYB
3F	B59	B40X60	0.47	0.0	U7DYB	1.494E-03	U5DYB
3F	B59	B40X60	0.95	0.0	U7DYB	1.380E-03	U5DYB
3F	B59	B40X60	1.42	0.0	U7DYB	1.221E-03	U5DYB
3F	B59	B40X60	1.89	0.0	U7DYB	1.034E-03	U5DYB
3F	B59	B40X60	2.37	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	2.84	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	3.31	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	3.79	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	4.26	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	4.73	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	5.21	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	5.68	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	6.15	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	6.63	0.0	U7DYB	5.871E-04	U7DYB
3F	B59	B40X60	7.10	0.0	U7DYB	9.914E-04	U5DYB
3F	B59	B40X60	7.58	0.0	U7DYB	1.093E-03	U5DYB
3F	B59	B40X60	7.58	0.0	U7DYB	1.468E-03	U5DXB
3F	B59	B40X60	7.98	0.0	U7DYB	1.552E-03	U5DXB
3F	B59	B40X60	8.39	0.0	U7DYB	1.635E-03	U5DXB

3F	B59	B40X60	8.80	0.0	U7DYB	1.680E-03	U5DXB
3F	B61	G90X120	0.45	0.0	U7DYB	5.419E-04	U5EYA
3F	B61	G90X120	0.95	0.0	U7DYB	4.669E-04	U5EYA
3F	B61	G90X120	1.45	0.0	U7DYB	3.811E-04	U5EYA
3F	B61	G90X120	1.95	0.0	U7DYB	2.158E-04	U7EYA
3F	B61	G90X120	2.45	0.0	U7DYB	1.716E-04	U5DYB
3F	B61	G90X120	2.95	0.0	U7DYB	1.649E-04	U5DYB
3F	B61	G90X120	3.45	0.0	U7DYB	1.732E-04	U5DYB
3F	B61	G90X120	3.95	0.0	U7DYB	2.716E-04	U5EYA
3F	B61	G90X120	4.45	0.0	U7DYB	3.585E-04	U5EYA
3F	B61	G90X120	4.95	0.0	U7DYB	4.346E-04	U5EYA
3F	B61	G90X120	5.45	0.0	U7DYB	4.999E-04	U5EYA
3F	B61	G90X120	5.45	0.0	U7DYB	4.295E-04	U5EYA
3F	B61	G90X120	5.92	0.0	U7DYB	3.689E-04	U5EYA
3F	B61	G90X120	6.38	0.0	U7DYB	2.988E-04	U5EYA
3F	B61	G90X120	6.85	0.0	U7DYB	1.773E-04	U7EYA
3F	B61	G90X120	7.32	0.0	U7DYB	1.671E-04	U5DYB
3F	B61	G90X120	7.78	0.0	U7DYB	1.670E-04	U5DYB
3F	B61	G90X120	8.25	0.0	U7DYB	1.747E-04	U5DYB
3F	B61	G90X120	8.72	0.0	U7DYB	3.215E-04	U5EYA
3F	B61	G90X120	9.18	0.0	U7DYB	4.035E-04	U5EYA
3F	B61	G90X120	9.65	0.0	U7DYB	4.763E-04	U5EYA
3F	B62	G70X90	0.45	2.439E-04	U5DXA	3.449E-03	U5DYB
3F	B62	G70X90	0.89	2.439E-04	U5DXA	3.359E-03	U5DYB
3F	B62	G70X90	1.32	2.439E-04	U5DXA	3.239E-03	U5DYB
3F	B62	G70X90	1.76	2.439E-04	U5DXA	3.091E-03	U5DYB
3F	B62	G70X90	2.19	2.439E-04	U5DXA	2.931E-03	U5DYB
3F	B62	G70X90	2.63	2.439E-04	U5DXA	2.776E-03	U5DYB
3F	B62	G70X90	3.06	2.439E-04	U5DXA	2.632E-03	U5DYB
3F	B62	G70X90	3.50	2.439E-04	U5DXA	2.517E-03	U5DYB
3F	B62	G70X90	3.50	6.435E-04	U5DXA	1.074E-03	U5DYB
3F	B62	G70X90	3.99	6.435E-04	U5DXA	1.064E-03	U5DYB
3F	B62	G70X90	4.47	6.435E-04	U5DXA	1.054E-03	U5DYB
3F	B62	G70X90	4.96	6.435E-04	U5DXA	1.047E-03	U5DYB
3F	B62	G70X90	5.45	6.435E-04	U5DXA	1.044E-03	U5DYB
3F	B62	G70X90	5.45	0.0	U7DYB	1.161E-03	U5DYB
3F	B62	G70X90	5.93	0.0	U7DYB	1.198E-03	U7DYA
3F	B62	G70X90	6.42	0.0	U7DYB	1.259E-03	U7DYA
3F	B62	G70X90	6.90	0.0	U7DYB	1.866E-03	U5DYA
3F	B62	G70X90	7.38	0.0	U7DYB	2.011E-03	U5DYA
3F	B62	G70X90	7.87	0.0	U7DYB	2.184E-03	U5DYA
3F	B62	G70X90	8.35	0.0	U7DYB	2.354E-03	U5DYA
3F	B62	G70X90	8.83	0.0	U7DYB	2.497E-03	U5DYA
3F	B62	G70X90	9.32	0.0	U7DYB	2.614E-03	U5DYB
3F	B62	G70X90	9.80	0.0	U7DYB	2.708E-03	U5DYB
3F	B63	G70X90	0.45	0.0	U7DYB	3.315E-04	U5EYA
3F	B63	G70X90	0.89	0.0	U7DYB	1.938E-04	U7EYA
3F	B63	G70X90	1.32	0.0	U7DYB	1.058E-04	U5DYB
3F	B63	G70X90	1.76	0.0	U7DYB	1.031E-04	U5DYB
3F	B63	G70X90	2.19	0.0	U7DYB	1.026E-04	U5DYB
3F	B63	G70X90	2.63	0.0	U7DYB	1.053E-04	U5DYB
3F	B63	G70X90	3.06	0.0	U7DYB	1.734E-04	U7EYA
3F	B63	G70X90	3.50	0.0	U7DYB	2.907E-04	U5EYA
3F	B63	G70X90	3.50	0.0	U7DYB	1.059E-04	U5DYB
3F	B63	G70X90	3.99	0.0	U7DYB	1.047E-04	U5DYB
3F	B63	G70X90	4.47	0.0	U7DYB	1.019E-04	U5DYB
3F	B63	G70X90	4.96	0.0	U7DYB	1.056E-04	U5DYB
3F	B63	G70X90	5.45	0.0	U7DYB	1.981E-04	U7DYA
3F	B63	G70X90	5.45	0.0	U7DYB	4.622E-04	U5EYB
3F	B63	G70X90	5.93	0.0	U7DYB	3.840E-04	U5EYB
3F	B63	G70X90	6.42	0.0	U7DYB	2.909E-04	U5EYB
3F	B63	G70X90	6.90	0.0	U7DYB	1.144E-04	U5DYB

3F	B63	G70X90	7.38	0.0	U7DYB	1.060E-04	U5DYB
3F	B63	G70X90	7.87	0.0	U7DYB	1.077E-04	U5DYB
3F	B63	G70X90	8.35	0.0	U7DYB	1.184E-04	U5DYB
3F	B63	G70X90	8.83	0.0	U7DYB	3.533E-04	U5EYB
3F	B63	G70X90	9.32	0.0	U7DYB	4.603E-04	U5EYB
3F	B63	G70X90	9.80	0.0	U7DYB	5.524E-04	U5EYB
3F	B64	B60X80	0.00	0.0	U7DYB	1.472E-03	U5DYB
3F	B64	B60X80	0.48	0.0	U7DYB	1.415E-03	U5DYB
3F	B64	B60X80	0.96	0.0	U7DYB	1.328E-03	U5DYB
3F	B64	B60X80	1.44	0.0	U7DYB	1.210E-03	U5DYB
3F	B64	B60X80	1.91	0.0	U7DYB	1.061E-03	U5DYB
3F	B64	B60X80	2.39	0.0	U7DYB	8.814E-04	U5DYB
3F	B64	B60X80	2.87	0.0	U7DYB	6.468E-04	U5DYB
3F	B64	B60X80	3.35	0.0	U7DYB	6.201E-04	U5DYB
3F	B64	B60X80	3.83	0.0	U7DYB	5.935E-04	U5DYB
3F	B64	B60X80	4.31	0.0	U7DYB	5.674E-04	U5DYB
3F	B64	B60X80	4.79	0.0	U7DYB	5.858E-04	U5DYB
3F	B64	B60X80	5.26	0.0	U7DYB	6.032E-04	U5DYB
3F	B64	B60X80	5.74	0.0	U7DYB	6.157E-04	U5DYB
3F	B64	B60X80	6.22	0.0	U7DYB	6.232E-04	U5DYB
3F	B64	B60X80	6.70	0.0	U7DYB	6.257E-04	U5DYB
3F	B65	B60X80	0.00	0.0	U7DYB	9.756E-04	U5DYB
3F	B65	B60X80	0.49	0.0	U7DYB	9.147E-04	U5DYB
3F	B65	B60X80	0.98	0.0	U7DYB	5.613E-04	U7DYB
3F	B65	B60X80	1.47	0.0	U7DYB	5.338E-04	U5DYB
3F	B65	B60X80	1.96	0.0	U7DYB	5.195E-04	U5DYB
3F	B65	B60X80	2.44	0.0	U7DYB	5.026E-04	U5DYB
3F	B65	B60X80	2.93	0.0	U7DYB	4.847E-04	U5DYB
3F	B65	B60X80	3.42	0.0	U7DYB	4.668E-04	U5DYB
3F	B65	B60X80	3.91	0.0	U7DYB	4.830E-04	U5DYB
3F	B65	B60X80	4.40	0.0	U7DYB	5.010E-04	U5DYB
3F	B65	B60X80	4.89	0.0	U7DYB	5.189E-04	U5DYB
3F	B65	B60X80	5.38	0.0	U7DYB	5.368E-04	U5DYB
3F	B65	B60X80	5.87	0.0	U7DYB	5.548E-04	U5DYB
3F	B65	B60X80	6.36	0.0	U7DYB	9.650E-04	U5DYB
3F	B65	B60X80	6.84	0.0	U7DYB	1.124E-03	U5DYB
3F	B65	B60X80	7.33	0.0	U7DYB	1.266E-03	U5DYB
3F	B65	B60X80	7.82	0.0	U7DYB	1.393E-03	U5DYB
3F	B65	B60X80	8.31	0.0	U7DYB	1.492E-03	U5DYB
3F	B65	B60X80	8.80	0.0	U7DYB	1.553E-03	U5DYB
3F	B80	G60X80	0.55	0.0	U7DYB	1.013E-03	U5DXA
3F	B80	G60X80	1.03	0.0	U7DYB	9.288E-04	U5DXA
3F	B80	G60X80	1.50	0.0	U7DYB	8.160E-04	U5DXA
3F	B80	G60X80	1.98	0.0	U7DYB	7.211E-04	U5DYB
3F	B80	G60X80	2.45	0.0	U7DYB	6.982E-04	U5DYB
3F	B80	G60X80	2.93	0.0	U7DYB	6.729E-04	U5DYB
3F	B80	G60X80	3.40	0.0	U7DYB	6.475E-04	U5DYB
3F	B80	G60X80	3.88	0.0	U7DYB	6.221E-04	U5DYB
3F	B80	G60X80	4.35	0.0	U7DYB	6.399E-04	U5DYB
3F	B80	G60X80	4.83	0.0	U7DYB	6.618E-04	U5DYB
3F	B80	G60X80	5.30	0.0	U7DYB	7.277E-04	U5DXA
3F	B80	G60X80	5.78	0.0	U7DYB	8.345E-04	U5DXA
3F	B80	G60X80	6.25	0.0	U7DYB	9.129E-04	U5DXA
3F	B81	G60X80	0.45	0.0	U7DYB	1.358E-03	U5EXB
3F	B81	G60X80	0.94	0.0	U7DYB	1.270E-03	U5EXB
3F	B81	G60X80	1.44	0.0	U7DYB	1.148E-03	U5EXB
3F	B81	G60X80	1.93	0.0	U7DYB	9.940E-04	U5EXB
3F	B81	G60X80	2.43	0.0	U7DYB	6.038E-04	U5DYB
3F	B81	G60X80	2.92	0.0	U7DYB	5.774E-04	U5DYB
3F	B81	G60X80	3.41	0.0	U7DYB	5.510E-04	U5DYB
3F	B81	G60X80	3.91	0.0	U7DYB	5.246E-04	U5DYB

3F	B81	G60X80	4.40	0.0	U7DYB	5.280E-04	U5DYB
3F	B81	G60X80	4.89	0.0	U7DYB	5.544E-04	U5DYB
3F	B81	G60X80	5.39	0.0	U7DYB	5.808E-04	U5DYB
3F	B81	G60X80	5.88	0.0	U7DYB	6.072E-04	U5DYB
3F	B81	G60X80	6.38	0.0	U7DYB	6.336E-04	U5DYB
3F	B81	G60X80	6.87	0.0	U7DYB	1.037E-03	U5EXB
3F	B81	G60X80	7.36	0.0	U7DYB	1.191E-03	U5EXB
3F	B81	G60X80	7.86	0.0	U7DYB	1.313E-03	U5EXB
3F	B81	G60X80	8.35	0.0	U7DYB	1.401E-03	U5EXB
3F	B83	B60X80	0.00	0.0	U7DYB	1.272E-03	U5DXB
3F	B83	B60X80	0.48	0.0	U7DYB	1.216E-03	U5DXB
3F	B83	B60X80	0.96	0.0	U7DYB	1.129E-03	U5DXB
3F	B83	B60X80	1.44	0.0	U7DYB	1.011E-03	U5DXB
3F	B83	B60X80	1.91	0.0	U7DYB	8.620E-04	U5DXB
3F	B83	B60X80	2.39	0.0	U7DYB	6.142E-04	U5DYB
3F	B83	B60X80	2.87	0.0	U7DYB	5.876E-04	U5DYB
3F	B83	B60X80	3.35	0.0	U7DYB	5.602E-04	U5DYB
3F	B83	B60X80	3.83	0.0	U7DYB	5.329E-04	U5DYB
3F	B83	B60X80	4.31	0.0	U7DYB	5.393E-04	U5DYB
3F	B83	B60X80	4.79	0.0	U7DYB	5.617E-04	U5DYB
3F	B83	B60X80	5.26	0.0	U7DYB	5.791E-04	U5DYB
3F	B83	B60X80	5.74	0.0	U7DYB	5.915E-04	U5DYB
3F	B83	B60X80	6.22	0.0	U7DYB	5.990E-04	U5DYB
3F	B83	B60X80	6.70	0.0	U7DYB	7.701E-04	U5DXB
3F	B84	B60X80	0.00	0.0	U7DYB	1.212E-03	U5DYB
3F	B84	B60X80	0.49	0.0	U7DYB	1.154E-03	U5DYB
3F	B84	B60X80	0.98	0.0	U7DYB	1.064E-03	U5DYB
3F	B84	B60X80	1.47	0.0	U7DYB	6.500E-04	U5DYB
3F	B84	B60X80	1.96	0.0	U7DYB	6.318E-04	U5DYB
3F	B84	B60X80	2.44	0.0	U7DYB	6.085E-04	U5DYB
3F	B84	B60X80	2.93	0.0	U7DYB	5.810E-04	U5DYB
3F	B84	B60X80	3.42	0.0	U7DYB	5.531E-04	U5DYB
3F	B84	B60X80	3.91	0.0	U7DYB	5.470E-04	U5DYB
3F	B84	B60X80	4.40	0.0	U7DYB	5.749E-04	U5DYB
3F	B84	B60X80	4.89	0.0	U7DYB	6.028E-04	U5DYB
3F	B84	B60X80	5.38	0.0	U7DYB	6.307E-04	U5DYB
3F	B84	B60X80	5.87	0.0	U7DYB	6.586E-04	U5DYB
3F	B84	B60X80	6.36	0.0	U7DYB	1.115E-03	U5DYB
3F	B84	B60X80	6.84	0.0	U7DYB	1.302E-03	U5DYB
3F	B84	B60X80	7.33	0.0	U7DYB	1.457E-03	U5DYB
3F	B84	B60X80	7.82	0.0	U7DYB	1.579E-03	U5DYB
3F	B84	B60X80	8.31	0.0	U7DYB	1.669E-03	U5DYB
3F	B84	B60X80	8.80	0.0	U7DYB	1.727E-03	U5DYB
3F	B85	G90X120	0.60	0.0	U7DYB	4.915E-04	U5EYA
3F	B85	G90X120	1.09	0.0	U7DYB	4.144E-04	U5EYA
3F	B85	G90X120	1.59	0.0	U7DYB	3.268E-04	U5EYA
3F	B85	G90X120	2.08	0.0	U7DYB	1.731E-04	U5DYB
3F	B85	G90X120	2.57	0.0	U7DYB	1.646E-04	U5DYB
3F	B85	G90X120	3.07	0.0	U7DYB	1.676E-04	U5DYB
3F	B85	G90X120	3.56	0.0	U7DYB	1.739E-04	U5DYB
3F	B85	G90X120	4.05	0.0	U7DYB	3.143E-04	U5EYA
3F	B85	G90X120	4.54	0.0	U7DYB	3.891E-04	U5EYA
3F	B85	G90X120	5.04	0.0	U7DYB	4.535E-04	U5EYA
3F	B85	G90X120	5.04	0.0	U7DYB	4.940E-04	U5EYA
3F	B85	G90X120	5.49	0.0	U7DYB	4.349E-04	U5EYA
3F	B85	G90X120	5.95	0.0	U7DYB	3.668E-04	U5EYA
3F	B85	G90X120	6.40	0.0	U7DYB	2.898E-04	U5EYA
3F	B85	G90X120	6.86	0.0	U7DYB	1.733E-04	U5DYB
3F	B85	G90X120	7.32	0.0	U7DYB	1.664E-04	U5DYB
3F	B85	G90X120	7.77	0.0	U7DYB	1.662E-04	U5DYB
3F	B85	G90X120	8.23	0.0	U7DYB	1.747E-04	U5DYB
3F	B85	G90X120	8.68	0.0	U7DYB	3.140E-04	U5EYA

3F	B85	G90X120	9.14	0.0	U7DYB	3.998E-04	U5EYA
3F	B85	G90X120	9.59	0.0	U7DYB	4.767E-04	U5EYA
3F	B85	G90X120	10.05	0.0	U7DYB	5.447E-04	U5EYA
3F	B86	G70X90	0.45	0.0	U7DYB	2.379E-03	U5DYB
3F	B86	G70X90	0.91	0.0	U7DYB	2.290E-03	U5DYB
3F	B86	G70X90	1.37	0.0	U7DYB	2.175E-03	U5DYB
3F	B86	G70X90	1.83	0.0	U7DYB	2.033E-03	U5DYB
3F	B86	G70X90	2.29	0.0	U7DYB	1.863E-03	U5DYB
3F	B86	G70X90	2.74	0.0	U7DYB	1.674E-03	U5DYB
3F	B86	G70X90	3.20	0.0	U7DYB	1.504E-03	U5DYB
3F	B86	G70X90	3.66	0.0	U7DYB	1.005E-03	U5DYB
3F	B86	G70X90	4.12	0.0	U7DYB	9.938E-04	U5DYB
3F	B86	G70X90	4.58	0.0	U7DYB	9.872E-04	U5DYB
3F	B86	G70X90	5.04	0.0	U7DYB	1.094E-03	U5DYB
3F	B86	G70X90	5.04	0.0	U7DYB	9.531E-04	U5DYB
3F	B86	G70X90	5.49	0.0	U7DYB	9.552E-04	U5DYB
3F	B86	G70X90	5.95	0.0	U7DYB	9.616E-04	U5DYB
3F	B86	G70X90	6.40	0.0	U7DYB	9.723E-04	U5DYB
3F	B86	G70X90	6.86	0.0	U7DYB	9.873E-04	U5DYB
3F	B86	G70X90	7.32	0.0	U7DYB	1.286E-03	U5EYA
3F	B86	G70X90	7.77	0.0	U7DYB	1.557E-03	U5EYB
3F	B86	G70X90	8.23	0.0	U7DYB	1.751E-03	U5EYB
3F	B86	G70X90	8.68	0.0	U7DYB	1.918E-03	U5EYB
3F	B86	G70X90	9.14	0.0	U7DYB	2.059E-03	U5EYB
3F	B86	G70X90	9.59	0.0	U7DYB	2.174E-03	U5EYB
3F	B86	G70X90	10.05	0.0	U7DYB	2.262E-03	U5EYB
3F	B87	G70X90	0.45	0.0	U7DYB	5.911E-04	U5EYB
3F	B87	G70X90	0.91	0.0	U7DYB	5.041E-04	U5EYB
3F	B87	G70X90	1.37	0.0	U7DYB	4.036E-04	U5EYB
3F	B87	G70X90	1.83	0.0	U7DYB	1.707E-04	U5DYB
3F	B87	G70X90	2.29	0.0	U7DYB	1.610E-04	U5DYB
3F	B87	G70X90	2.74	0.0	U7DYB	1.496E-04	U5DYB
3F	B87	G70X90	3.20	0.0	U7DYB	1.577E-04	U5DYB
3F	B87	G70X90	3.66	0.0	U7DYB	1.653E-04	U5DYB
3F	B87	G70X90	4.12	0.0	U7DYB	3.321E-04	U5EYB
3F	B87	G70X90	4.58	0.0	U7DYB	4.193E-04	U5EYB
3F	B87	G70X90	5.04	0.0	U7DYB	4.932E-04	U5EYB
3F	B87	G70X90	5.04	0.0	U7DYB	5.681E-04	U5EYB
3F	B87	G70X90	5.49	0.0	U7DYB	4.948E-04	U5EYB
3F	B87	G70X90	5.95	0.0	U7DYB	4.083E-04	U5EYB
3F	B87	G70X90	6.40	0.0	U7DYB	3.020E-04	U5EYA
3F	B87	G70X90	6.86	0.0	U7DYB	1.639E-04	U5DYB
3F	B87	G70X90	7.32	0.0	U7DYB	1.543E-04	U5DYB
3F	B87	G70X90	7.77	0.0	U7DYB	1.550E-04	U5DYB
3F	B87	G70X90	8.23	0.0	U7DYB	1.668E-04	U5DYB
3F	B87	G70X90	8.68	0.0	U7DYB	2.477E-04	U7EYB
3F	B87	G70X90	9.14	0.0	U7DYB	4.635E-04	U5EYB
3F	B87	G70X90	9.59	0.0	U7DYB	5.632E-04	U5EYB
3F	B87	G70X90	10.05	0.0	U7DYB	6.496E-04	U5EYB
3F	B88G100X150-C		0.60	0.0	U7DYB	1.379E-03	U5EYB
3F	B88G100X150-C		1.09	0.0	U7DYB	1.309E-03	U5EYB
3F	B88G100X150-C		1.59	0.0	U7DYB	1.239E-03	U5EYB
3F	B88G100X150-C		2.08	0.0	U7DYB	1.169E-03	U5EYB
3F	B88G100X150-C		2.58	0.0	U7DYB	1.099E-03	U5EYB
3F	B88G100X150-C		3.07	0.0	U7DYB	1.029E-03	U5EYB
3F	B88G100X150-C		3.57	0.0	U7DYB	9.584E-04	U5EYB
3F	B88G100X150-C		4.06	0.0	U7DYB	8.883E-04	U5EYB
3F	B88G100X150-C		4.56	0.0	U7DYB	8.182E-04	U5EYB
3F	B88G100X150-C		5.05	0.0	U7DYB	7.480E-04	U5EYB
3F	B88G100X150-C		5.55	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C		6.04	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C		6.54	0.0	U7DYB	5.169E-04	U5DYB

3F	B88G100X150-C	7.03	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	7.53	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	8.02	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	8.52	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	9.01	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	9.51	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	10.00	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	10.50	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	10.99	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	11.49	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	11.98	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	12.48	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	12.97	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	13.47	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	13.96	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	14.46	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	14.95	0.0	U7DYB	5.169E-04	U5DYB
3F	B88G100X150-C	15.45	0.0	U7DYB	7.388E-04	U5EYB
3F	B88G100X150-C	15.94	0.0	U7DYB	8.090E-04	U5EYB
3F	B88G100X150-C	16.44	0.0	U7DYB	8.791E-04	U5EYB
3F	B88G100X150-C	16.93	0.0	U7DYB	9.492E-04	U5EYB
3F	B88G100X150-C	17.43	0.0	U7DYB	1.019E-03	U5EYB
3F	B88G100X150-C	17.92	0.0	U7DYB	1.089E-03	U5EYB
3F	B88G100X150-C	18.42	0.0	U7DYB	1.160E-03	U5EYB
3F	B88G100X150-C	18.91	0.0	U7DYB	1.230E-03	U5EYB
3F	B88G100X150-C	19.41	0.0	U7DYB	1.300E-03	U5EYB
3F	B88G100X150-C	19.90	0.0	U7DYB	1.370E-03	U5EYB

3F	B117	G60X80	0.45	0.0	U7DYB	1.058E-03	U5DXA
3F	B117	G60X80	0.93	0.0	U7DYB	9.777E-04	U5DXA
3F	B117	G60X80	1.42	0.0	U7DYB	8.683E-04	U5DXA
3F	B117	G60X80	1.90	0.0	U7DYB	7.363E-04	U5DYB
3F	B117	G60X80	2.38	0.0	U7DYB	7.143E-04	U5DYB
3F	B117	G60X80	2.87	0.0	U7DYB	6.897E-04	U5DYB
3F	B117	G60X80	3.35	0.0	U7DYB	6.644E-04	U5DYB
3F	B117	G60X80	3.83	0.0	U7DYB	6.392E-04	U5DYB
3F	B117	G60X80	4.32	0.0	U7DYB	6.492E-04	U5DYB
3F	B117	G60X80	4.80	0.0	U7DYB	6.712E-04	U5DYB
3F	B117	G60X80	5.28	0.0	U7DYB	7.230E-04	U5DXA
3F	B117	G60X80	5.77	0.0	U7DYB	8.324E-04	U5DXA
3F	B117	G60X80	6.25	0.0	U7DYB	9.124E-04	U5DXA

3F	B118	G60X80	0.45	0.0	U7DYB	1.349E-03	U5EXB
3F	B118	G60X80	0.94	0.0	U7DYB	1.260E-03	U5EXB
3F	B118	G60X80	1.44	0.0	U7DYB	1.139E-03	U5EXB
3F	B118	G60X80	1.93	0.0	U7DYB	9.846E-04	U5EXB
3F	B118	G60X80	2.43	0.0	U7DYB	8.015E-04	U5EXB
3F	B118	G60X80	2.92	0.0	U7DYB	5.774E-04	U5DYB
3F	B118	G60X80	3.41	0.0	U7DYB	5.516E-04	U5DYB
3F	B118	G60X80	3.91	0.0	U7DYB	5.258E-04	U5DYB
3F	B118	G60X80	4.40	0.0	U7DYB	5.247E-04	U5DYB
3F	B118	G60X80	4.89	0.0	U7DYB	5.505E-04	U5DYB
3F	B118	G60X80	5.39	0.0	U7DYB	5.763E-04	U5DYB
3F	B118	G60X80	5.88	0.0	U7DYB	6.021E-04	U5DYB
3F	B118	G60X80	6.38	0.0	U7DYB	6.274E-04	U5DYB
3F	B118	G60X80	6.87	0.0	U7DYB	9.992E-04	U5EXB
3F	B118	G60X80	7.36	0.0	U7DYB	1.153E-03	U5EXB
3F	B118	G60X80	7.86	0.0	U7DYB	1.275E-03	U5EXB
3F	B118	G60X80	8.35	0.0	U7DYB	1.363E-03	U5EXB

3F	B119	B60X80	0.00	0.0	U7DYB	1.194E-03	U5DXB
3F	B119	B60X80	0.48	0.0	U7DYB	1.138E-03	U5DXB
3F	B119	B60X80	0.96	0.0	U7DYB	1.051E-03	U5DXB
3F	B119	B60X80	1.44	0.0	U7DYB	9.326E-04	U5DXB
3F	B119	B60X80	1.91	0.0	U7DYB	7.836E-04	U5DXB

3F	B119	B60X80	2.39	0.0	U7DYB	5.829E-04	U5DYB
3F	B119	B60X80	2.87	0.0	U7DYB	5.584E-04	U5DYB
3F	B119	B60X80	3.35	0.0	U7DYB	5.324E-04	U5DYB
3F	B119	B60X80	3.83	0.0	U7DYB	5.064E-04	U5DYB
3F	B119	B60X80	4.31	0.0	U7DYB	5.304E-04	U5DYB
3F	B119	B60X80	4.79	0.0	U7DYB	5.522E-04	U5DYB
3F	B119	B60X80	5.26	0.0	U7DYB	5.697E-04	U5DYB
3F	B119	B60X80	5.74	0.0	U7DYB	5.821E-04	U5DYB
3F	B119	B60X80	6.22	0.0	U7DYB	7.368E-04	U5DXB
3F	B119	B60X80	6.70	0.0	U7DYB	7.930E-04	U5DXB
3F	B120	B60X80	0.00	0.0	U7DYB	1.376E-03	U5EYB
3F	B120	B60X80	0.49	0.0	U7DYB	1.298E-03	U5EYB
3F	B120	B60X80	0.98	0.0	U7DYB	7.910E-04	U7EYB
3F	B120	B60X80	1.47	0.0	U7DYB	7.497E-04	U5DYB
3F	B120	B60X80	1.96	0.0	U7DYB	7.314E-04	U5DYB
3F	B120	B60X80	2.45	0.0	U7DYB	7.087E-04	U5DYB
3F	B120	B60X80	2.94	0.0	U7DYB	6.833E-04	U5DYB
3F	B120	B60X80	3.43	0.0	U7DYB	6.580E-04	U5DYB
3F	B120	B60X80	3.92	0.0	U7DYB	6.352E-04	U5DYB
3F	B120	B60X80	4.41	0.0	U7DYB	6.320E-04	U5DYB
3F	B120	B60X80	4.90	0.0	U7DYB	6.496E-04	U5DYB
3F	B120	B60X80	5.39	0.0	U7DYB	6.645E-04	U5DYB
3F	B120	B60X80	5.88	0.0	U7DYB	6.769E-04	U5DYB
3F	B120	B60X80	5.88	0.0	U7DYB	1.313E-03	U5EYB
3F	B120	B60X80	6.36	0.0	U7DYB	1.450E-03	U5EYB
3F	B120	B60X80	6.85	0.0	U7DYB	1.603E-03	U5EYB
3F	B120	B60X80	7.34	0.0	U7DYB	1.760E-03	U5EYB
3F	B120	B60X80	7.83	0.0	U7DYB	1.902E-03	U5EYB
3F	B120	B60X80	8.31	0.0	U7DYB	2.011E-03	U5EYB
3F	B120	B60X80	8.80	0.0	U7DYB	2.088E-03	U5EYB
3F	B121	G90X120	0.45	0.0	U7DYB	3.891E-04	U5EYA
3F	B121	G90X120	0.91	0.0	U7DYB	3.200E-04	U5EYA
3F	B121	G90X120	1.38	0.0	U7DYB	1.669E-04	U5DYB
3F	B121	G90X120	1.84	0.0	U7DYB	1.614E-04	U5DYB
3F	B121	G90X120	2.30	0.0	U7DYB	1.557E-04	U5DYB
3F	B121	G90X120	2.76	0.0	U7DYB	1.613E-04	U5DYB
3F	B121	G90X120	3.23	0.0	U7DYB	1.695E-04	U7EYA
3F	B121	G90X120	3.69	0.0	U7DYB	2.874E-04	U5EYA
3F	B121	G90X120	4.15	0.0	U7DYB	3.474E-04	U5EYA
3F	B121	G90X120	4.15	0.0	U7DYB	5.297E-04	U5EYA
3F	B121	G90X120	4.63	0.0	U7DYB	4.675E-04	U5EYA
3F	B121	G90X120	5.10	0.0	U7DYB	3.956E-04	U5EYA
3F	B121	G90X120	5.58	0.0	U7DYB	3.138E-04	U5EYA
3F	B121	G90X120	6.06	0.0	U7DYB	1.698E-04	U7EYA
3F	B121	G90X120	6.54	0.0	U7DYB	1.609E-04	U5DYB
3F	B121	G90X120	7.01	0.0	U7DYB	1.588E-04	U5DYB
3F	B121	G90X120	7.49	0.0	U7DYB	1.685E-04	U5DYB
3F	B121	G90X120	7.97	0.0	U7DYB	3.205E-04	U5EYA
3F	B121	G90X120	8.45	0.0	U7DYB	4.146E-04	U5EYA
3F	B121	G90X120	8.92	0.0	U7DYB	4.989E-04	U5EYA
3F	B121	G90X120	9.40	0.0	U7DYB	5.761E-04	U5EYB
3F	B122	G70X90	0.45	1.974E-04	U5DXB	2.531E-03	U5DXB
3F	B122	G70X90	0.91	1.974E-04	U5DXB	2.441E-03	U5DXB
3F	B122	G70X90	1.38	1.974E-04	U5DXB	2.325E-03	U5DXB
3F	B122	G70X90	1.84	1.974E-04	U5DXB	2.181E-03	U5DXB
3F	B122	G70X90	2.30	1.974E-04	U5DXB	2.016E-03	U5DXB
3F	B122	G70X90	2.76	1.974E-04	U5DXB	1.871E-03	U5DXB
3F	B122	G70X90	3.23	1.974E-04	U5DXB	1.753E-03	U5DXB
3F	B122	G70X90	3.69	1.974E-04	U5DXB	1.663E-03	U5DXB
3F	B122	G70X90	4.15	1.974E-04	U5DXB	1.601E-03	U5DXB
3F	B122	G70X90	4.15	1.768E-04	U5DXB	9.388E-04	U5DYB
3F	B122	G70X90	4.64	1.768E-04	U5DXB	9.413E-04	U5DYB

3F	B122	G70X90	5.13	1.768E-04	U5DXB	9.487E-04	U5DYB
3F	B122	G70X90	5.62	1.768E-04	U5DXB	9.611E-04	U5DYB
3F	B122	G70X90	6.11	1.768E-04	U5DXB	9.785E-04	U5DYB
3F	B122	G70X90	6.60	1.768E-04	U5DXB	1.001E-03	U5DYB
3F	B122	G70X90	7.10	1.768E-04	U5DXB	1.028E-03	U5DYB
3F	B122	G70X90	7.59	1.768E-04	U5DXB	1.549E-03	U5EYB
3F	B122	G70X90	8.08	1.768E-04	U5DXB	1.737E-03	U5EYB
3F	B122	G70X90	8.57	1.768E-04	U5DXB	1.894E-03	U5EYB
3F	B122	G70X90	9.06	1.768E-04	U5DXB	2.021E-03	U5EYB
3F	B122	G70X90	9.55	1.768E-04	U5DXB	2.117E-03	U5EYB
3F	B123	G70X90	0.45	0.0	U7DYB	4.638E-04	U5EYB
3F	B123	G70X90	0.91	0.0	U7DYB	3.760E-04	U5EYB
3F	B123	G70X90	1.38	0.0	U7DYB	1.402E-04	U5DYB
3F	B123	G70X90	1.84	0.0	U7DYB	1.326E-04	U5DYB
3F	B123	G70X90	2.30	0.0	U7DYB	1.232E-04	U5DYB
3F	B123	G70X90	2.76	0.0	U7DYB	1.305E-04	U5DYB
3F	B123	G70X90	3.23	0.0	U7DYB	1.360E-04	U5DYB
3F	B123	G70X90	3.69	0.0	U7DYB	2.848E-04	U5EYB
3F	B123	G70X90	4.15	0.0	U7DYB	3.592E-04	U5EYB
3F	B123	G70X90	4.15	0.0	U7DYB	5.810E-04	U5EYB
3F	B123	G70X90	4.64	0.0	U7DYB	5.015E-04	U5EYB
3F	B123	G70X90	5.13	0.0	U7DYB	4.066E-04	U5EYB
3F	B123	G70X90	5.62	0.0	U7DYB	2.963E-04	U5EYB
3F	B123	G70X90	6.11	0.0	U7DYB	1.322E-04	U5DYB
3F	B123	G70X90	6.60	0.0	U7DYB	1.248E-04	U5DYB
3F	B123	G70X90	7.10	0.0	U7DYB	1.286E-04	U5DYB
3F	B123	G70X90	7.59	0.0	U7DYB	1.360E-04	U5DYB
3F	B123	G70X90	8.08	0.0	U7DYB	1.434E-04	U5DYB
3F	B123	G70X90	8.57	0.0	U7DYB	4.206E-04	U5EYB
3F	B123	G70X90	9.06	0.0	U7DYB	5.297E-04	U5EYB
3F	B123	G70X90	9.55	0.0	U7DYB	6.233E-04	U5EYB
3F	B126	G90X120	0.60	2.564E-04	U5DYA	3.906E-04	U5EYA
3F	B126	G90X120	1.09	2.564E-04	U5DYA	3.324E-04	U5EYA
3F	B126	G90X120	1.57	2.564E-04	U5DYA	2.742E-04	U5EYA
3F	B126	G90X120	2.06	2.564E-04	U5DYA	2.161E-04	U5EYA
3F	B126	G90X120	2.54	2.564E-04	U5DYA	2.151E-04	U5DYB
3F	B126	G90X120	3.03	2.564E-04	U5DYA	2.151E-04	U5DYB
3F	B126	G90X120	3.51	2.564E-04	U5DYA	2.151E-04	U5DYB
3F	B126	G90X120	4.00	2.564E-04	U5DYA	2.151E-04	U5DYB
3F	B126	G90X120	4.48	2.564E-04	U5DYA	2.577E-04	U5EYA
3F	B126	G90X120	4.97	2.564E-04	U5DYA	3.158E-04	U5EYA
3F	B126	G90X120	5.45	2.564E-04	U5DYA	3.740E-04	U5EYA
3F	B127	G90X120	0.55	0.0	U7DYB	3.955E-04	U5EXA
3F	B127	G90X120	1.04	0.0	U7DYB	3.367E-04	U5EXA
3F	B127	G90X120	1.53	0.0	U7DYB	2.779E-04	U5EXA
3F	B127	G90X120	2.02	0.0	U7DYB	2.192E-04	U5EXA
3F	B127	G90X120	2.51	0.0	U7DYB	2.171E-04	U5DYB
3F	B127	G90X120	3.00	0.0	U7DYB	2.171E-04	U5DYB
3F	B127	G90X120	3.49	0.0	U7DYB	2.171E-04	U5DYB
3F	B127	G90X120	3.98	0.0	U7DYB	2.171E-04	U5DYB
3F	B127	G90X120	4.47	0.0	U7DYB	2.500E-04	U5EXA
3F	B127	G90X120	4.96	0.0	U7DYB	3.087E-04	U5EXA
3F	B127	G90X120	5.45	0.0	U7DYB	3.675E-04	U5EXA
3F	B128	G90X120	0.55	0.0	U7DYB	3.742E-04	U5EXA
3F	B128	G90X120	1.04	0.0	U7DYB	3.154E-04	U5EXA
3F	B128	G90X120	1.53	0.0	U7DYB	2.567E-04	U5EXA
3F	B128	G90X120	2.02	0.0	U7DYB	2.120E-04	U5DYB
3F	B128	G90X120	2.51	0.0	U7DYB	2.120E-04	U5DYB
3F	B128	G90X120	3.00	0.0	U7DYB	2.120E-04	U5DYB
3F	B128	G90X120	3.49	0.0	U7DYB	2.120E-04	U5DYB
3F	B128	G90X120	3.98	0.0	U7DYB	2.132E-04	U5EXA

3F	B128	G90X120	4.47	0.0	U7DYB	2.719E-04	U5EXA
3F	B128	G90X120	4.96	0.0	U7DYB	3.307E-04	U5EXA
3F	B128	G90X120	5.45	0.0	U7DYB	3.895E-04	U5EXA
3F	B129	G90X120	0.55	0.0	U7DYB	3.768E-04	U5EXA
3F	B129	G90X120	1.04	0.0	U7DYB	3.180E-04	U5EXA
3F	B129	G90X120	1.53	0.0	U7DYB	2.593E-04	U5EXA
3F	B129	G90X120	2.02	0.0	U7DYB	2.129E-04	U5DYB
3F	B129	G90X120	2.51	0.0	U7DYB	2.129E-04	U5DYB
3F	B129	G90X120	3.00	0.0	U7DYB	2.129E-04	U5DYB
3F	B129	G90X120	3.49	0.0	U7DYB	2.129E-04	U5DYB
3F	B129	G90X120	3.98	0.0	U7DYB	2.132E-04	U5EXA
3F	B129	G90X120	4.47	0.0	U7DYB	2.720E-04	U5EXA
3F	B129	G90X120	4.96	0.0	U7DYB	3.307E-04	U5EXA
3F	B129	G90X120	5.45	0.0	U7DYB	3.895E-04	U5EXA
3F	B130	G90X120	0.55	0.0	U7DYB	3.805E-04	U5EXA
3F	B130	G90X120	1.04	0.0	U7DYB	3.218E-04	U5EXA
3F	B130	G90X120	1.53	0.0	U7DYB	2.630E-04	U5EXA
3F	B130	G90X120	2.02	0.0	U7DYB	2.111E-04	U5DYB
3F	B130	G90X120	2.51	0.0	U7DYB	2.111E-04	U5DYB
3F	B130	G90X120	3.00	0.0	U7DYB	2.111E-04	U5DYB
3F	B130	G90X120	3.49	0.0	U7DYB	2.111E-04	U5DYB
3F	B130	G90X120	3.98	0.0	U7DYB	2.111E-04	U5DYB
3F	B130	G90X120	4.47	0.0	U7DYB	2.698E-04	U5EXA
3F	B130	G90X120	4.96	0.0	U7DYB	3.286E-04	U5EXA
3F	B130	G90X120	5.45	0.0	U7DYB	3.873E-04	U5EXA
3F	B131	G90X120	0.55	0.0	U7DYB	3.810E-04	U5EXA
3F	B131	G90X120	1.04	0.0	U7DYB	3.223E-04	U5EXA
3F	B131	G90X120	1.53	0.0	U7DYB	2.635E-04	U5EXA
3F	B131	G90X120	2.02	0.0	U7DYB	2.110E-04	U5DYB
3F	B131	G90X120	2.51	0.0	U7DYB	2.110E-04	U5DYB
3F	B131	G90X120	3.00	0.0	U7DYB	2.110E-04	U5DYB
3F	B131	G90X120	3.49	0.0	U7DYB	2.110E-04	U5DYB
3F	B131	G90X120	3.98	0.0	U7DYB	2.111E-04	U5EXA
3F	B131	G90X120	4.47	0.0	U7DYB	2.699E-04	U5EXA
3F	B131	G90X120	4.96	0.0	U7DYB	3.287E-04	U5EXA
3F	B131	G90X120	5.45	0.0	U7DYB	3.874E-04	U5EXA
3F	B132	G90X120	0.55	0.0	U7DYB	3.816E-04	U5EXA
3F	B132	G90X120	1.04	0.0	U7DYB	3.228E-04	U5EXA
3F	B132	G90X120	1.53	0.0	U7DYB	2.640E-04	U5EXA
3F	B132	G90X120	2.02	0.0	U7DYB	2.106E-04	U5DYB
3F	B132	G90X120	2.51	0.0	U7DYB	2.106E-04	U5DYB
3F	B132	G90X120	3.00	0.0	U7DYB	2.106E-04	U5DYB
3F	B132	G90X120	3.49	0.0	U7DYB	2.106E-04	U5DYB
3F	B132	G90X120	3.98	0.0	U7DYB	2.107E-04	U5EXA
3F	B132	G90X120	4.47	0.0	U7DYB	2.694E-04	U5EXA
3F	B132	G90X120	4.96	0.0	U7DYB	3.282E-04	U5EXA
3F	B132	G90X120	5.45	0.0	U7DYB	3.870E-04	U5EXA
3F	B133	G90X120	0.55	0.0	U7DYB	3.819E-04	U5EXA
3F	B133	G90X120	1.04	0.0	U7DYB	3.231E-04	U5EXA
3F	B133	G90X120	1.53	0.0	U7DYB	2.644E-04	U5EXA
3F	B133	G90X120	2.02	0.0	U7DYB	2.102E-04	U5DYB
3F	B133	G90X120	2.51	0.0	U7DYB	2.102E-04	U5DYB
3F	B133	G90X120	3.00	0.0	U7DYB	2.102E-04	U5DYB
3F	B133	G90X120	3.49	0.0	U7DYB	2.102E-04	U5DYB
3F	B133	G90X120	3.98	0.0	U7DYB	2.102E-04	U5DYB
3F	B133	G90X120	4.47	0.0	U7DYB	2.688E-04	U5EXA
3F	B133	G90X120	4.96	0.0	U7DYB	3.276E-04	U5EXA
3F	B133	G90X120	5.45	0.0	U7DYB	3.864E-04	U5EXA
3F	B134	G90X120	0.55	0.0	U7DYB	3.822E-04	U5EXA

3F	B134	G90X120	1.04	0.0	U7DYB	3.235E-04	U5EXA
3F	B134	G90X120	1.53	0.0	U7DYB	2.647E-04	U5EXA
3F	B134	G90X120	2.02	0.0	U7DYB	2.095E-04	U5DYB
3F	B134	G90X120	2.51	0.0	U7DYB	2.095E-04	U5DYB
3F	B134	G90X120	3.00	0.0	U7DYB	2.095E-04	U5DYB
3F	B134	G90X120	3.49	0.0	U7DYB	2.095E-04	U5DYB
3F	B134	G90X120	3.98	0.0	U7DYB	2.095E-04	U5DYB
3F	B134	G90X120	4.47	0.0	U7DYB	2.676E-04	U5EXA
3F	B134	G90X120	4.96	0.0	U7DYB	3.264E-04	U5EXA
3F	B134	G90X120	5.45	0.0	U7DYB	3.852E-04	U5EXA
3F	B135	G90X120	0.55	0.0	U7DYB	3.826E-04	U5EXA
3F	B135	G90X120	1.04	0.0	U7DYB	3.239E-04	U5EXA
3F	B135	G90X120	1.53	0.0	U7DYB	2.651E-04	U5EXA
3F	B135	G90X120	2.02	0.0	U7DYB	2.091E-04	U5DYB
3F	B135	G90X120	2.51	0.0	U7DYB	2.091E-04	U5DYB
3F	B135	G90X120	3.00	0.0	U7DYB	2.091E-04	U5DYB
3F	B135	G90X120	3.49	0.0	U7DYB	2.091E-04	U5DYB
3F	B135	G90X120	3.98	0.0	U7DYB	2.091E-04	U5DYB
3F	B135	G90X120	4.47	0.0	U7DYB	2.659E-04	U5EXA
3F	B135	G90X120	4.96	0.0	U7DYB	3.246E-04	U5EXA
3F	B135	G90X120	5.45	0.0	U7DYB	3.834E-04	U5EXA
3F	B136	G90X120	0.55	0.0	U7DYB	3.806E-04	U5EXA
3F	B136	G90X120	1.04	0.0	U7DYB	3.218E-04	U5EXA
3F	B136	G90X120	1.53	0.0	U7DYB	2.630E-04	U5EXA
3F	B136	G90X120	2.02	0.0	U7DYB	2.100E-04	U5DYB
3F	B136	G90X120	2.51	0.0	U7DYB	2.100E-04	U5DYB
3F	B136	G90X120	3.00	0.0	U7DYB	2.100E-04	U5DYB
3F	B136	G90X120	3.49	0.0	U7DYB	2.100E-04	U5DYB
3F	B136	G90X120	3.98	0.0	U7DYB	2.100E-04	U5DYB
3F	B136	G90X120	4.47	0.0	U7DYB	2.641E-04	U5EXA
3F	B136	G90X120	4.96	0.0	U7DYB	3.229E-04	U5EXA
3F	B136	G90X120	5.45	0.0	U7DYB	3.817E-04	U5EXA
3F	B137	G90X120	0.55	0.0	U7DYB	3.847E-04	U5EXA
3F	B137	G90X120	1.05	0.0	U7DYB	3.248E-04	U5EXA
3F	B137	G90X120	1.55	0.0	U7DYB	2.648E-04	U5EXA
3F	B137	G90X120	2.05	0.0	U7DYB	2.337E-04	U5DYB
3F	B137	G90X120	2.55	0.0	U7DYB	2.337E-04	U5DYB
3F	B137	G90X120	3.05	0.0	U7DYB	2.337E-04	U5DYB
3F	B137	G90X120	3.55	0.0	U7DYB	2.337E-04	U5DYB
3F	B137	G90X120	4.05	0.0	U7DYB	2.645E-04	U5EXA
3F	B137	G90X120	4.55	0.0	U7DYB	3.245E-04	U5EXA
3F	B138	G90X120	0.55	0.0	U7DYB	4.228E-04	U5EXA
3F	B138	G90X120	1.03	0.0	U7DYB	3.648E-04	U5EXA
3F	B138	G90X120	1.52	0.0	U7DYB	3.069E-04	U5EXA
3F	B138	G90X120	2.00	0.0	U7DYB	2.680E-04	U5DYB
3F	B138	G90X120	2.48	0.0	U7DYB	2.680E-04	U5DYB
3F	B138	G90X120	2.97	0.0	U7DYB	2.680E-04	U5DYB
3F	B138	G90X120	3.45	0.0	U7DYB	2.680E-04	U5DYB
3F	B138	G90X120	3.93	0.0	U7DYB	2.680E-04	U5DYB
3F	B138	G90X120	4.42	0.0	U7DYB	2.680E-04	U5DYB
3F	B138	G90X120	4.90	0.0	U7DYB	2.680E-04	U5DYB
3F	B138	G90X120	5.38	0.0	U7DYB	2.680E-04	U5DYB
3F	B138	G90X120	5.87	0.0	U7DYB	3.142E-04	U5EXA
3F	B138	G90X120	6.35	0.0	U7DYB	3.721E-04	U5EXA
3F	B139	G90X120	0.55	0.0	U7DYB	5.230E-04	U5EXB
3F	B139	G90X120	1.04	0.0	U7DYB	4.585E-04	U5EXB
3F	B139	G90X120	1.54	0.0	U7DYB	3.940E-04	U5EXB
3F	B139	G90X120	2.03	0.0	U7DYB	3.295E-04	U5EXB
3F	B139	G90X120	2.53	0.0	U7DYB	2.680E-04	U5EXA
3F	B139	G90X120	3.02	0.0	U7DYB	2.149E-04	U5DYB

3F	B139	G90X120	3.51	0.0	U7DYB	2.149E-04	U5DYB
3F	B139	G90X120	4.01	0.0	U7DYB	2.149E-04	U5DYB
3F	B139	G90X120	4.50	0.0	U7DYB	2.149E-04	U5DYB
3F	B139	G90X120	4.99	0.0	U7DYB	2.149E-04	U5DYB
3F	B139	G90X120	5.49	0.0	U7DYB	2.149E-04	U5DYB
3F	B139	G90X120	5.98	0.0	U7DYB	2.149E-04	U5DYB
3F	B139	G90X120	6.48	0.0	U7DYB	2.746E-04	U5EXA
3F	B139	G90X120	6.97	0.0	U7DYB	3.362E-04	U5EXB
3F	B139	G90X120	7.46	0.0	U7DYB	4.007E-04	U5EXB
3F	B139	G90X120	7.96	0.0	U7DYB	4.652E-04	U5EXB
3F	B139	G90X120	8.45	0.0	U7DYB	5.297E-04	U5EXB
3F	B140	G60X80	0.55	0.0	U7DYB	7.053E-04	U5EYB
3F	B140	G60X80	1.03	0.0	U7DYB	6.194E-04	U5EYB
3F	B140	G60X80	1.50	0.0	U7DYB	5.218E-04	U5EYA
3F	B140	G60X80	1.98	0.0	U7DYB	4.784E-04	U5DYB
3F	B140	G60X80	2.45	0.0	U7DYB	4.670E-04	U5DYB
3F	B140	G60X80	2.93	0.0	U7DYB	4.531E-04	U5DYB
3F	B140	G60X80	3.40	0.0	U7DYB	4.418E-04	U5DYB
3F	B140	G60X80	3.88	0.0	U7DYB	4.569E-04	U5DYB
3F	B140	G60X80	4.35	0.0	U7DYB	4.702E-04	U5DYB
3F	B140	G60X80	4.83	0.0	U7DYB	4.963E-04	U5EYA
3F	B140	G60X80	5.30	0.0	U7DYB	6.043E-04	U5EYB
3F	B140	G60X80	5.78	0.0	U7DYB	7.022E-04	U5EYB
3F	B140	G60X80	6.25	0.0	U7DYB	7.849E-04	U5EYB
3F	B141	G60X80	0.45	0.0	U7DYB	6.734E-04	U5EYB
3F	B141	G60X80	0.94	0.0	U7DYB	5.873E-04	U5EYB
3F	B141	G60X80	1.44	0.0	U7DYB	4.847E-04	U5EYB
3F	B141	G60X80	1.93	0.0	U7DYB	2.544E-04	U7EYB
3F	B141	G60X80	2.42	0.0	U7DYB	1.626E-04	U5DYB
3F	B141	G60X80	2.92	0.0	U7DYB	1.483E-04	U5DYB
3F	B141	G60X80	3.41	0.0	U7DYB	1.511E-04	U5DYB
3F	B141	G60X80	3.90	0.0	U7DYB	1.630E-04	U5DYB
3F	B141	G60X80	4.40	0.0	U7DYB	1.723E-04	U5DYB
3F	B141	G60X80	4.89	0.0	U7DYB	4.400E-04	U5EYB
3F	B141	G60X80	5.38	0.0	U7DYB	5.276E-04	U5EYB
3F	B141	G60X80	5.88	0.0	U7DYB	5.988E-04	U5EYB
3F	B141	G60X80	5.88	0.0	U7DYB	1.727E-04	U7DXB
3F	B141	G60X80	6.37	0.0	U7DYB	1.502E-04	U5DYB
3F	B141	G60X80	6.87	0.0	U7DYB	1.462E-04	U5DYB
3F	B141	G60X80	7.36	0.0	U7DYB	1.453E-04	U5DYB
3F	B141	G60X80	7.86	0.0	U7DYB	1.517E-04	U5DYB
3F	B141	G60X80	8.35	0.0	U7DYB	1.555E-04	U5DYB
3F	B142	B30X50	0.00	0.0	U7DYB	9.111E-04	U5DYB
3F	B142	B30X50	0.49	0.0	U7DYB	8.626E-04	U5DYB
3F	B142	B30X50	0.97	0.0	U7DYB	7.606E-04	U5DYB
3F	B142	B30X50	1.46	0.0	U7DYB	3.054E-04	U7DYB
3F	B142	B30X50	1.95	0.0	U7DYB	0.0	U7DYB
3F	B142	B30X50	2.43	0.0	U7DYB	0.0	U7DYB
3F	B142	B30X50	2.43	0.0	U7DYB	0.0	U7DYB
3F	B142	B30X50	2.92	0.0	U7DYB	0.0	U7DYB
3F	B142	B30X50	3.40	0.0	U7DYB	3.054E-04	U7DYB
3F	B142	B30X50	3.89	0.0	U7DYB	7.606E-04	U5DYB
3F	B142	B30X50	4.38	0.0	U7DYB	8.626E-04	U5DYB
3F	B142	B30X50	4.86	0.0	U7DYB	9.111E-04	U5DYB
3F	B143	B30X50	0.00	0.0	U7DYB	1.162E-03	U5DYB
3F	B143	B30X50	0.49	0.0	U7DYB	1.113E-03	U5DYB
3F	B143	B30X50	0.97	0.0	U7DYB	1.011E-03	U5DYB
3F	B143	B30X50	1.46	0.0	U7DYB	8.545E-04	U5DYB
3F	B143	B30X50	1.95	0.0	U7DYB	3.383E-04	U7DYB
3F	B143	B30X50	2.44	0.0	U7DYB	0.0	U7DYB
3F	B143	B30X50	2.92	0.0	U7DYB	0.0	U7DYB

3F	B143	B30X50	2.92	0.0	U7DYB	0.0	U7DYB
3F	B143	B30X50	3.41	0.0	U7DYB	0.0	U7DYB
3F	B143	B30X50	3.90	0.0	U7DYB	3.383E-04	U7DYB
3F	B143	B30X50	4.39	0.0	U7DYB	8.545E-04	U5DYB
3F	B143	B30X50	4.87	0.0	U7DYB	1.011E-03	U5DYB
3F	B143	B30X50	5.36	0.0	U7DYB	1.113E-03	U5DYB
3F	B143	B30X50	5.85	0.0	U7DYB	1.162E-03	U5DYB
2F	B1	G90X120	0.60	2.922E-04	U5DYA	4.250E-04	U5EXA
2F	B1	G90X120	1.09	2.922E-04	U5DYA	3.669E-04	U5EXA
2F	B1	G90X120	1.57	2.922E-04	U5DYA	3.087E-04	U5EXA
2F	B1	G90X120	2.06	2.922E-04	U5DYA	2.695E-04	U5DYB
2F	B1	G90X120	2.54	2.922E-04	U5DYA	2.695E-04	U5DYB
2F	B1	G90X120	3.03	2.922E-04	U5DYA	2.695E-04	U5DYB
2F	B1	G90X120	3.51	2.922E-04	U5DYA	2.695E-04	U5DYB
2F	B1	G90X120	4.00	2.922E-04	U5DYA	2.695E-04	U5DYB
2F	B1	G90X120	4.48	2.922E-04	U5DYA	2.695E-04	U5DYB
2F	B1	G90X120	4.97	2.922E-04	U5DYA	3.200E-04	U5EXA
2F	B1	G90X120	5.45	2.922E-04	U5DYA	3.781E-04	U5EXA
2F	B2	G90X120	0.55	2.669E-04	U5DYA	4.112E-04	U5EXA
2F	B2	G90X120	1.04	2.669E-04	U5DYA	3.524E-04	U5EXA
2F	B2	G90X120	1.53	2.669E-04	U5DYA	2.936E-04	U5EXA
2F	B2	G90X120	2.02	2.669E-04	U5DYA	2.349E-04	U5EXA
2F	B2	G90X120	2.51	2.669E-04	U5DYA	2.309E-04	U5DYB
2F	B2	G90X120	3.00	2.669E-04	U5DYA	2.309E-04	U5DYB
2F	B2	G90X120	3.49	2.669E-04	U5DYA	2.309E-04	U5DYB
2F	B2	G90X120	3.98	2.669E-04	U5DYA	2.309E-04	U5DYB
2F	B2	G90X120	4.47	2.669E-04	U5DYA	2.602E-04	U5EXA
2F	B2	G90X120	4.96	2.669E-04	U5DYA	3.190E-04	U5EXA
2F	B2	G90X120	5.45	2.669E-04	U5DYA	3.778E-04	U5EXA
2F	B3	G90X120	0.55	0.0	U7DYB	3.966E-04	U5EXA
2F	B3	G90X120	1.04	0.0	U7DYB	3.378E-04	U5EXA
2F	B3	G90X120	1.53	0.0	U7DYB	2.790E-04	U5EXA
2F	B3	G90X120	2.02	0.0	U7DYB	2.220E-04	U5DYB
2F	B3	G90X120	2.51	0.0	U7DYB	2.220E-04	U5DYB
2F	B3	G90X120	3.00	0.0	U7DYB	2.220E-04	U5DYB
2F	B3	G90X120	3.49	0.0	U7DYB	2.220E-04	U5DYB
2F	B3	G90X120	3.98	0.0	U7DYB	2.220E-04	U5DYB
2F	B3	G90X120	4.47	0.0	U7DYB	2.733E-04	U5EXA
2F	B3	G90X120	4.96	0.0	U7DYB	3.321E-04	U5EXA
2F	B3	G90X120	5.45	0.0	U7DYB	3.908E-04	U5EXA
2F	B4	G90X120	0.55	0.0	U7DYB	3.931E-04	U5EXA
2F	B4	G90X120	1.04	0.0	U7DYB	3.343E-04	U5EXA
2F	B4	G90X120	1.53	0.0	U7DYB	2.755E-04	U5EXA
2F	B4	G90X120	2.02	0.0	U7DYB	2.243E-04	U5DYB
2F	B4	G90X120	2.51	0.0	U7DYB	2.243E-04	U5DYB
2F	B4	G90X120	3.00	0.0	U7DYB	2.243E-04	U5DYB
2F	B4	G90X120	3.49	0.0	U7DYB	2.243E-04	U5DYB
2F	B4	G90X120	3.98	0.0	U7DYB	2.243E-04	U5DYB
2F	B4	G90X120	4.47	0.0	U7DYB	2.799E-04	U5EXA
2F	B4	G90X120	4.96	0.0	U7DYB	3.387E-04	U5EXA
2F	B4	G90X120	5.45	0.0	U7DYB	3.975E-04	U5EXA
2F	B5	G90X120	0.55	0.0	U7DYB	3.934E-04	U5EXA
2F	B5	G90X120	1.04	0.0	U7DYB	3.346E-04	U5EXA
2F	B5	G90X120	1.53	0.0	U7DYB	2.758E-04	U5EXA
2F	B5	G90X120	2.02	0.0	U7DYB	2.247E-04	U5DYB
2F	B5	G90X120	2.51	0.0	U7DYB	2.247E-04	U5DYB
2F	B5	G90X120	3.00	0.0	U7DYB	2.247E-04	U5DYB
2F	B5	G90X120	3.49	0.0	U7DYB	2.247E-04	U5DYB
2F	B5	G90X120	3.98	0.0	U7DYB	2.247E-04	U5DYB
2F	B5	G90X120	4.47	0.0	U7DYB	2.814E-04	U5EXA

2F	B5	G90X120	4.96	0.0	U7DYB	3.401E-04	U5EXA
2F	B5	G90X120	5.45	0.0	U7DYB	3.989E-04	U5EXA
2F	B6	G90X120	0.55	0.0	U7DYB	3.937E-04	U5EXA
2F	B6	G90X120	1.04	0.0	U7DYB	3.349E-04	U5EXA
2F	B6	G90X120	1.53	0.0	U7DYB	2.762E-04	U5EXA
2F	B6	G90X120	2.02	0.0	U7DYB	2.249E-04	U5DYB
2F	B6	G90X120	2.51	0.0	U7DYB	2.249E-04	U5DYB
2F	B6	G90X120	3.00	0.0	U7DYB	2.249E-04	U5DYB
2F	B6	G90X120	3.49	0.0	U7DYB	2.249E-04	U5DYB
2F	B6	G90X120	3.98	0.0	U7DYB	2.249E-04	U5DYB
2F	B6	G90X120	4.47	0.0	U7DYB	2.822E-04	U5EXA
2F	B6	G90X120	4.96	0.0	U7DYB	3.409E-04	U5EXA
2F	B6	G90X120	5.45	0.0	U7DYB	3.997E-04	U5EXA
2F	B7	G90X120	0.55	0.0	U7DYB	3.940E-04	U5EXA
2F	B7	G90X120	1.04	0.0	U7DYB	3.352E-04	U5EXA
2F	B7	G90X120	1.53	0.0	U7DYB	2.764E-04	U5EXA
2F	B7	G90X120	2.02	0.0	U7DYB	2.250E-04	U5DYB
2F	B7	G90X120	2.51	0.0	U7DYB	2.250E-04	U5DYB
2F	B7	G90X120	3.00	0.0	U7DYB	2.250E-04	U5DYB
2F	B7	G90X120	3.49	0.0	U7DYB	2.250E-04	U5DYB
2F	B7	G90X120	3.98	0.0	U7DYB	2.250E-04	U5DYB
2F	B7	G90X120	4.47	0.0	U7DYB	2.827E-04	U5EXA
2F	B7	G90X120	4.96	0.0	U7DYB	3.414E-04	U5EXA
2F	B7	G90X120	5.45	0.0	U7DYB	4.002E-04	U5EXA
2F	B8	G90X120	0.55	0.0	U7DYB	3.943E-04	U5EXA
2F	B8	G90X120	1.04	0.0	U7DYB	3.356E-04	U5EXA
2F	B8	G90X120	1.53	0.0	U7DYB	2.768E-04	U5EXA
2F	B8	G90X120	2.02	0.0	U7DYB	2.250E-04	U5DYB
2F	B8	G90X120	2.51	0.0	U7DYB	2.250E-04	U5DYB
2F	B8	G90X120	3.00	0.0	U7DYB	2.250E-04	U5DYB
2F	B8	G90X120	3.49	0.0	U7DYB	2.250E-04	U5DYB
2F	B8	G90X120	3.98	0.0	U7DYB	2.250E-04	U5DYB
2F	B8	G90X120	4.47	0.0	U7DYB	2.828E-04	U5EXA
2F	B8	G90X120	4.96	0.0	U7DYB	3.416E-04	U5EXA
2F	B8	G90X120	5.45	0.0	U7DYB	4.004E-04	U5EXA
2F	B9	G90X120	0.55	0.0	U7DYB	3.949E-04	U5EXA
2F	B9	G90X120	1.04	0.0	U7DYB	3.361E-04	U5EXA
2F	B9	G90X120	1.53	0.0	U7DYB	2.773E-04	U5EXA
2F	B9	G90X120	2.02	0.0	U7DYB	2.252E-04	U5DYB
2F	B9	G90X120	2.51	0.0	U7DYB	2.252E-04	U5DYB
2F	B9	G90X120	3.00	0.0	U7DYB	2.252E-04	U5DYB
2F	B9	G90X120	3.49	0.0	U7DYB	2.252E-04	U5DYB
2F	B9	G90X120	3.98	0.0	U7DYB	2.252E-04	U5DYB
2F	B9	G90X120	4.47	0.0	U7DYB	2.830E-04	U5EXA
2F	B9	G90X120	4.96	0.0	U7DYB	3.418E-04	U5EXA
2F	B9	G90X120	5.45	0.0	U7DYB	4.005E-04	U5EXA
2F	B10	G90X120	0.55	0.0	U7DYB	3.952E-04	U5EXA
2F	B10	G90X120	1.04	0.0	U7DYB	3.364E-04	U5EXA
2F	B10	G90X120	1.53	0.0	U7DYB	2.776E-04	U5EXA
2F	B10	G90X120	2.02	0.0	U7DYB	2.261E-04	U5DYB
2F	B10	G90X120	2.51	0.0	U7DYB	2.261E-04	U5DYB
2F	B10	G90X120	3.00	0.0	U7DYB	2.261E-04	U5DYB
2F	B10	G90X120	3.49	0.0	U7DYB	2.261E-04	U5DYB
2F	B10	G90X120	3.98	0.0	U7DYB	2.261E-04	U5DYB
2F	B10	G90X120	4.47	0.0	U7DYB	2.834E-04	U5EXA
2F	B10	G90X120	4.96	0.0	U7DYB	3.422E-04	U5EXA
2F	B10	G90X120	5.45	0.0	U7DYB	4.010E-04	U5EXA
2F	B11	G90X120	0.55	2.663E-04	U5DYA	3.936E-04	U5EXA
2F	B11	G90X120	1.04	2.663E-04	U5DYA	3.348E-04	U5EXA

2F	B11	G90X120	1.53	2.663E-04	U5DYA	2.761E-04	U5EXA
2F	B11	G90X120	2.02	2.663E-04	U5DYA	2.291E-04	U5DYB
2F	B11	G90X120	2.51	2.663E-04	U5DYA	2.291E-04	U5DYB
2F	B11	G90X120	3.00	2.663E-04	U5DYA	2.291E-04	U5DYB
2F	B11	G90X120	3.49	2.663E-04	U5DYA	2.291E-04	U5DYB
2F	B11	G90X120	3.98	2.663E-04	U5DYA	2.291E-04	U5DYB
2F	B11	G90X120	4.47	2.663E-04	U5DYA	2.856E-04	U5EXA
2F	B11	G90X120	4.96	2.663E-04	U5DYA	3.444E-04	U5EXA
2F	B11	G90X120	5.45	2.663E-04	U5DYA	4.031E-04	U5EXA
2F	B12	G90X120	0.55	2.239E-04	U5DYA	4.129E-04	U5EXA
2F	B12	G90X120	1.04	2.239E-04	U5DYA	3.536E-04	U5EXA
2F	B12	G90X120	1.54	2.239E-04	U5DYA	2.944E-04	U5EXA
2F	B12	G90X120	2.03	2.239E-04	U5DYA	2.778E-04	U5DYB
2F	B12	G90X120	2.53	2.239E-04	U5DYA	2.778E-04	U5DYB
2F	B12	G90X120	3.02	2.239E-04	U5DYA	2.778E-04	U5DYB
2F	B12	G90X120	3.51	2.239E-04	U5DYA	2.778E-04	U5DYB
2F	B12	G90X120	4.01	2.239E-04	U5DYA	3.266E-04	U5EXA
2F	B12	G90X120	4.50	2.239E-04	U5DYA	3.858E-04	U5EXA
2F	B13	G90X120	0.60	0.0	U7DYB	4.140E-04	U5EXA
2F	B13	G90X120	1.08	0.0	U7DYB	3.565E-04	U5EXA
2F	B13	G90X120	1.56	0.0	U7DYB	2.991E-04	U5EXA
2F	B13	G90X120	2.04	0.0	U7DYB	2.416E-04	U5EXA
2F	B13	G90X120	2.52	0.0	U7DYB	2.109E-04	U5DYB
2F	B13	G90X120	3.00	0.0	U7DYB	2.109E-04	U5DYB
2F	B13	G90X120	3.48	0.0	U7DYB	2.109E-04	U5DYB
2F	B13	G90X120	3.95	0.0	U7DYB	2.109E-04	U5DYB
2F	B13	G90X120	4.43	0.0	U7DYB	2.109E-04	U5DYB
2F	B13	G90X120	4.91	0.0	U7DYB	2.519E-04	U5EXA
2F	B13	G90X120	5.39	0.0	U7DYB	3.094E-04	U5EXA
2F	B13	G90X120	5.87	0.0	U7DYB	3.669E-04	U5EXA
2F	B13	G90X120	6.35	0.0	U7DYB	4.243E-04	U5EXA
2F	B14	G90X120	0.55	0.0	U7DYB	5.234E-04	U5DXB
2F	B14	G90X120	1.04	0.0	U7DYB	4.589E-04	U5DXB
2F	B14	G90X120	1.54	0.0	U7DYB	3.944E-04	U5DXB
2F	B14	G90X120	2.03	0.0	U7DYB	3.299E-04	U5DXB
2F	B14	G90X120	2.53	0.0	U7DYB	2.654E-04	U5DXA
2F	B14	G90X120	3.02	0.0	U7DYB	2.118E-04	U5DYB
2F	B14	G90X120	3.51	0.0	U7DYB	2.118E-04	U5DYB
2F	B14	G90X120	4.01	0.0	U7DYB	2.118E-04	U5DYB
2F	B14	G90X120	4.50	0.0	U7DYB	2.118E-04	U5DYB
2F	B14	G90X120	4.99	0.0	U7DYB	2.118E-04	U5DYB
2F	B14	G90X120	5.49	0.0	U7DYB	2.118E-04	U5DYB
2F	B14	G90X120	5.98	0.0	U7DYB	2.118E-04	U5DYB
2F	B14	G90X120	6.48	0.0	U7DYB	2.690E-04	U5DXA
2F	B14	G90X120	6.97	0.0	U7DYB	3.333E-04	U5DXB
2F	B14	G90X120	7.46	0.0	U7DYB	3.979E-04	U5DXB
2F	B14	G90X120	7.96	0.0	U7DYB	4.624E-04	U5DXB
2F	B14	G90X120	8.45	0.0	U7DYB	5.269E-04	U5DXB
2F	B15	G60X80	0.55	0.0	U7DYB	8.956E-04	U5DXB
2F	B15	G60X80	1.03	0.0	U7DYB	8.092E-04	U5DXB
2F	B15	G60X80	1.50	0.0	U7DYB	6.950E-04	U5DXB
2F	B15	G60X80	1.98	0.0	U7DYB	6.212E-04	U5DYB
2F	B15	G60X80	2.45	0.0	U7DYB	5.755E-04	U5DYB
2F	B15	G60X80	2.93	0.0	U7DYB	5.212E-04	U5DYB
2F	B15	G60X80	3.40	0.0	U7DYB	4.701E-04	U5DYB
2F	B15	G60X80	3.88	0.0	U7DYB	5.257E-04	U5DYB
2F	B15	G60X80	4.35	0.0	U7DYB	5.788E-04	U5DYB
2F	B15	G60X80	4.83	0.0	U7DYB	6.224E-04	U5DYB
2F	B15	G60X80	5.30	0.0	U7DYB	7.248E-04	U5DXB
2F	B15	G60X80	5.78	0.0	U7DYB	8.331E-04	U5DXB
2F	B15	G60X80	6.25	0.0	U7DYB	9.137E-04	U5DXB

2F	B16	G60X80	0.45	0.0	U7DYB	1.343E-03	U5DXB
2F	B16	G60X80	0.94	0.0	U7DYB	1.259E-03	U5DXB
2F	B16	G60X80	1.44	0.0	U7DYB	1.145E-03	U5DXB
2F	B16	G60X80	1.93	0.0	U7DYB	7.885E-04	U5DYB
2F	B16	G60X80	2.43	0.0	U7DYB	7.417E-04	U5DYB
2F	B16	G60X80	2.92	0.0	U7DYB	6.854E-04	U5DYB
2F	B16	G60X80	3.41	0.0	U7DYB	6.276E-04	U5DYB
2F	B16	G60X80	3.91	0.0	U7DYB	5.698E-04	U5DYB
2F	B16	G60X80	4.40	0.0	U7DYB	5.119E-04	U5DYB
2F	B16	G60X80	4.89	0.0	U7DYB	5.662E-04	U5DYB
2F	B16	G60X80	5.39	0.0	U7DYB	6.240E-04	U5DYB
2F	B16	G60X80	5.88	0.0	U7DYB	6.819E-04	U5DYB
2F	B16	G60X80	6.38	0.0	U7DYB	7.381E-04	U5DYB
2F	B16	G60X80	6.87	0.0	U7DYB	7.849E-04	U5DYB
2F	B16	G60X80	7.36	0.0	U7DYB	1.140E-03	U5DXB
2F	B16	G60X80	7.86	0.0	U7DYB	1.254E-03	U5DXB
2F	B16	G60X80	8.35	0.0	U7DYB	1.339E-03	U5DXB
2F	B17	G90X120	0.60	0.0	U7DYB	6.541E-04	U5EYB
2F	B17	G90X120	1.08	0.0	U7DYB	5.582E-04	U5EYA
2F	B17	G90X120	1.56	0.0	U7DYB	4.502E-04	U5EYA
2F	B17	G90X120	2.04	0.0	U7DYB	2.170E-04	U5DYB
2F	B17	G90X120	2.51	0.0	U7DYB	1.847E-04	U5DYB
2F	B17	G90X120	2.99	0.0	U7DYB	1.660E-04	U5DYB
2F	B17	G90X120	3.47	0.0	U7DYB	1.966E-04	U5DYB
2F	B17	G90X120	3.95	0.0	U7DYB	2.204E-04	U5DYB
2F	B17	G90X120	4.43	0.0	U7DYB	4.396E-04	U5EYA
2F	B17	G90X120	4.91	0.0	U7DYB	5.246E-04	U5EYA
2F	B17	G90X120	5.39	0.0	U7DYB	5.948E-04	U5EYB
2F	B17	G90X120	5.39	0.0	U7DYB	5.010E-04	U5EYB
2F	B17	G90X120	5.88	0.0	U7DYB	4.302E-04	U5EYA
2F	B17	G90X120	6.37	0.0	U7DYB	3.425E-04	U5EYA
2F	B17	G90X120	6.86	0.0	U7DYB	1.978E-04	U5DYB
2F	B17	G90X120	7.35	0.0	U7DYB	1.728E-04	U5DYB
2F	B17	G90X120	7.84	0.0	U7DYB	1.735E-04	U5DYB
2F	B17	G90X120	8.33	0.0	U7DYB	2.050E-04	U5DYB
2F	B17	G90X120	8.82	0.0	U7DYB	2.384E-04	U7EYA
2F	B17	G90X120	9.31	0.0	U7DYB	4.963E-04	U5EYB
2F	B17	G90X120	9.80	0.0	U7DYB	5.890E-04	U5EYB
2F	B18	G70X90	0.45	2.832E-04	U5EXB	3.482E-03	U5EYB
2F	B18	G70X90	0.94	2.832E-04	U5EXB	3.349E-03	U5EYB
2F	B18	G70X90	1.44	2.832E-04	U5EXB	3.159E-03	U5EYB
2F	B18	G70X90	1.93	2.832E-04	U5EXB	2.913E-03	U5EYB
2F	B18	G70X90	2.42	2.832E-04	U5EXB	1.935E-03	U5DYB
2F	B18	G70X90	2.92	2.832E-04	U5EXB	1.830E-03	U5DYB
2F	B18	G70X90	3.41	2.832E-04	U5EXB	1.740E-03	U5DYB
2F	B18	G70X90	3.91	2.832E-04	U5EXB	1.669E-03	U5DYB
2F	B18	G70X90	4.40	2.832E-04	U5EXB	1.619E-03	U5DYB
2F	B18	G70X90	4.89	2.832E-04	U5EXB	1.589E-03	U5DYB
2F	B18	G70X90	5.39	2.832E-04	U5EXB	1.579E-03	U5DYB
2F	B18	G70X90	5.39	2.853E-04	U5DXA	1.802E-03	U5DYB
2F	B18	G70X90	5.88	2.853E-04	U5DXA	1.812E-03	U5DYB
2F	B18	G70X90	6.37	2.853E-04	U5DXA	1.841E-03	U5DYB
2F	B18	G70X90	6.86	2.853E-04	U5DXA	1.883E-03	U5DYB
2F	B18	G70X90	7.35	2.853E-04	U5DXA	1.935E-03	U5DYB
2F	B18	G70X90	7.84	2.853E-04	U5DXA	2.790E-03	U5EYB
2F	B18	G70X90	8.33	2.853E-04	U5DXA	3.015E-03	U5EYB
2F	B18	G70X90	8.82	2.853E-04	U5DXA	3.212E-03	U5EYB
2F	B18	G70X90	9.31	2.853E-04	U5DXA	3.381E-03	U5EYB
2F	B18	G70X90	9.80	2.853E-04	U5DXA	3.512E-03	U5EYB
2F	B19	G70X90	0.45	0.0	U7DYB	7.349E-04	U5EYB
2F	B19	G70X90	0.94	0.0	U7DYB	6.425E-04	U5EYB

2F	B19	G70X90	1.44	0.0	U7DYB	5.216E-04	U5EYB
2F	B19	G70X90	1.93	0.0	U7DYB	2.568E-04	U5DYB
2F	B19	G70X90	2.42	0.0	U7DYB	2.124E-04	U5DYB
2F	B19	G70X90	2.92	0.0	U7DYB	1.762E-04	U5DYB
2F	B19	G70X90	3.41	0.0	U7DYB	2.214E-04	U5DYB
2F	B19	G70X90	3.91	0.0	U7DYB	2.566E-04	U5DYB
2F	B19	G70X90	4.40	0.0	U7DYB	4.835E-04	U5EYB
2F	B19	G70X90	4.89	0.0	U7DYB	5.784E-04	U5EYB
2F	B19	G70X90	5.39	0.0	U7DYB	6.449E-04	U5EYB
2F	B19	G70X90	5.39	0.0	U7DYB	5.282E-04	U5EYB
2F	B19	G70X90	5.88	0.0	U7DYB	4.623E-04	U5EYB
2F	B19	G70X90	6.37	0.0	U7DYB	2.488E-04	U5DYB
2F	B19	G70X90	6.86	0.0	U7DYB	2.240E-04	U5DYB
2F	B19	G70X90	7.35	0.0	U7DYB	1.893E-04	U5DYB
2F	B19	G70X90	7.84	0.0	U7DYB	1.911E-04	U5DYB
2F	B19	G70X90	8.33	0.0	U7DYB	2.345E-04	U5DYB
2F	B19	G70X90	8.82	0.0	U7DYB	2.684E-04	U5DYB
2F	B19	G70X90	9.31	0.0	U7DYB	5.457E-04	U5EYB
2F	B19	G70X90	9.80	0.0	U7DYB	6.374E-04	U5EYB
2F	B20	B60X80	0.00	0.0	U7DYB	1.942E-03	U5EXB
2F	B20	B60X80	0.48	0.0	U7DYB	1.873E-03	U5EXB
2F	B20	B60X80	0.96	0.0	U7DYB	1.748E-03	U5EXB
2F	B20	B60X80	1.44	0.0	U7DYB	1.566E-03	U5EXB
2F	B20	B60X80	1.91	0.0	U7DYB	1.172E-03	U5DYB
2F	B20	B60X80	2.39	0.0	U7DYB	1.083E-03	U5DYB
2F	B20	B60X80	2.87	0.0	U7DYB	9.780E-04	U5DYB
2F	B20	B60X80	3.35	0.0	U7DYB	8.713E-04	U5DYB
2F	B20	B60X80	3.83	0.0	U7DYB	7.883E-04	U5DYB
2F	B20	B60X80	4.31	0.0	U7DYB	8.930E-04	U5DYB
2F	B20	B60X80	4.79	0.0	U7DYB	9.826E-04	U5DYB
2F	B20	B60X80	5.26	0.0	U7DYB	1.052E-03	U5DYB
2F	B20	B60X80	5.74	0.0	U7DYB	1.102E-03	U5DYB
2F	B20	B60X80	6.22	0.0	U7DYB	1.132E-03	U5DYB
2F	B20	B60X80	6.70	0.0	U7DYB	1.142E-03	U5DYB
2F	B21	B60X80	0.00	0.0	U7DYB	1.555E-03	U5DYB
2F	B21	B60X80	0.43	0.0	U7DYB	1.547E-03	U5DYB
2F	B21	B60X80	0.86	0.0	U7DYB	1.523E-03	U5DYB
2F	B21	B60X80	1.29	0.0	U7DYB	1.490E-03	U5DYB
2F	B21	B60X80	1.72	0.0	U7DYB	1.458E-03	U5DYB
2F	B21	B60X80	1.72	0.0	U7DYB	1.285E-03	U5DYB
2F	B21	B60X80	2.22	0.0	U7DYB	1.236E-03	U5DYB
2F	B21	B60X80	2.72	0.0	U7DYB	1.166E-03	U5DYB
2F	B21	B60X80	3.22	0.0	U7DYB	1.083E-03	U5DYB
2F	B21	B60X80	3.72	0.0	U7DYB	1.008E-03	U5DYB
2F	B21	B60X80	4.22	0.0	U7DYB	9.442E-04	U5DYB
2F	B21	B60X80	4.22	0.0	U7DYB	1.126E-03	U5DYB
2F	B21	B60X80	4.68	0.0	U7DYB	1.184E-03	U5DYB
2F	B21	B60X80	5.14	0.0	U7DYB	1.251E-03	U5DYB
2F	B21	B60X80	5.60	0.0	U7DYB	1.327E-03	U5DYB
2F	B21	B60X80	6.06	0.0	U7DYB	1.413E-03	U5DYB
2F	B21	B60X80	6.51	0.0	U7DYB	1.504E-03	U5DYB
2F	B21	B60X80	6.97	0.0	U7DYB	2.232E-03	U5DXB
2F	B21	B60X80	7.43	0.0	U7DYB	2.452E-03	U5DXB
2F	B21	B60X80	7.89	0.0	U7DYB	2.619E-03	U5DXB
2F	B21	B60X80	8.34	0.0	U7DYB	2.736E-03	U5DXB
2F	B21	B60X80	8.80	0.0	U7DYB	2.800E-03	U5DXB
2F	B22	B30X50	0.00	0.0	U7DYB	9.310E-04	U5DYB
2F	B22	B30X50	0.49	0.0	U7DYB	8.605E-04	U5DYB
2F	B22	B30X50	0.97	0.0	U7DYB	3.241E-04	U7DYB
2F	B22	B30X50	1.46	0.0	U7DYB	0.0	U7DYB
2F	B22	B30X50	1.95	0.0	U7DYB	0.0	U7DYB
2F	B22	B30X50	2.43	0.0	U7DYB	0.0	U7DYB

2F	B22	B30X50	2.92	0.0	U7DYB	0.0	U7DYB
2F	B22	B30X50	3.40	0.0	U7DYB	0.0	U7DYB
2F	B22	B30X50	3.89	0.0	U7DYB	3.241E-04	U7DYB
2F	B22	B30X50	4.38	0.0	U7DYB	8.605E-04	U5DYB
2F	B22	B30X50	4.86	0.0	U7DYB	9.310E-04	U5DYB
2F	B23	B30X50	0.00	0.0	U7DYB	1.183E-03	U5DYB
2F	B23	B30X50	0.49	0.0	U7DYB	1.112E-03	U5DYB
2F	B23	B30X50	0.97	0.0	U7DYB	4.332E-04	U7DYB
2F	B23	B30X50	1.46	0.0	U7DYB	3.121E-04	U7DYB
2F	B23	B30X50	1.95	0.0	U7DYB	0.0	U7DYB
2F	B23	B30X50	2.43	0.0	U7DYB	0.0	U7DYB
2F	B23	B30X50	2.92	0.0	U7DYB	0.0	U7DYB
2F	B23	B30X50	3.40	0.0	U7DYB	3.121E-04	U7DYB
2F	B23	B30X50	3.89	0.0	U7DYB	4.332E-04	U7DYB
2F	B23	B30X50	4.38	0.0	U7DYB	1.112E-03	U5DYB
2F	B23	B30X50	4.86	0.0	U7DYB	1.183E-03	U5DYB
2F	B24	G100X150-C	0.60	0.0	U7DYB	1.379E-03	U5EYB
2F	B24	G100X150-C	1.09	0.0	U7DYB	1.309E-03	U5EYB
2F	B24	G100X150-C	1.59	0.0	U7DYB	1.239E-03	U5EYB
2F	B24	G100X150-C	2.08	0.0	U7DYB	1.168E-03	U5EYB
2F	B24	G100X150-C	2.58	0.0	U7DYB	1.098E-03	U5EYB
2F	B24	G100X150-C	3.07	0.0	U7DYB	1.028E-03	U5EYB
2F	B24	G100X150-C	3.57	0.0	U7DYB	9.580E-04	U5EYB
2F	B24	G100X150-C	4.06	0.0	U7DYB	8.879E-04	U5EYB
2F	B24	G100X150-C	4.56	0.0	U7DYB	8.178E-04	U5EYB
2F	B24	G100X150-C	5.05	0.0	U7DYB	7.476E-04	U5EYB
2F	B24	G100X150-C	5.55	0.0	U7DYB	6.515E-04	U5EYA
2F	B24	G100X150-C	6.04	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	6.54	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	7.03	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	7.53	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	8.02	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	8.52	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	9.01	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	9.51	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	10.00	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	10.50	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	10.99	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	11.49	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	11.98	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	12.48	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	12.97	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	13.47	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	13.96	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	14.46	0.0	U7DYB	5.176E-04	U5DYB
2F	B24	G100X150-C	14.95	0.0	U7DYB	6.533E-04	U5EYA
2F	B24	G100X150-C	15.45	0.0	U7DYB	7.495E-04	U5EYB
2F	B24	G100X150-C	15.94	0.0	U7DYB	8.196E-04	U5EYB
2F	B24	G100X150-C	16.44	0.0	U7DYB	8.897E-04	U5EYB
2F	B24	G100X150-C	16.93	0.0	U7DYB	9.599E-04	U5EYB
2F	B24	G100X150-C	17.43	0.0	U7DYB	1.030E-03	U5EYB
2F	B24	G100X150-C	17.92	0.0	U7DYB	1.100E-03	U5EYB
2F	B24	G100X150-C	18.42	0.0	U7DYB	1.170E-03	U5EYB
2F	B24	G100X150-C	18.91	0.0	U7DYB	1.240E-03	U5EYB
2F	B24	G100X150-C	19.41	0.0	U7DYB	1.311E-03	U5EYB
2F	B24	G100X150-C	19.90	0.0	U7DYB	1.381E-03	U5EYB
2F	B53	G60X80	0.45	0.0	U7DYB	1.586E-03	U5EXB
2F	B53	G60X80	0.93	0.0	U7DYB	1.463E-03	U5EXB
2F	B53	G60X80	1.42	0.0	U7DYB	1.282E-03	U5EXB
2F	B53	G60X80	1.90	0.0	U7DYB	1.067E-03	U5DYB
2F	B53	G60X80	2.38	0.0	U7DYB	9.770E-04	U5DYB
2F	B53	G60X80	2.87	0.0	U7DYB	8.712E-04	U5DYB

2F	B53	G60X80	3.35	0.0	U7DYB	7.628E-04	U5DYB
2F	B53	G60X80	3.83	0.0	U7DYB	8.588E-04	U5DYB
2F	B53	G60X80	4.32	0.0	U7DYB	9.646E-04	U5DYB
2F	B53	G60X80	4.80	0.0	U7DYB	1.055E-03	U5DYB
2F	B53	G60X80	5.28	0.0	U7DYB	1.124E-03	U5DYB
2F	B53	G60X80	5.77	0.0	U7DYB	1.379E-03	U5EXB
2F	B53	G60X80	6.25	0.0	U7DYB	1.502E-03	U5EXB
2F	B54	G60X80	0.45	0.0	U7DYB	2.033E-03	U5DXB
2F	B54	G60X80	0.87	0.0	U7DYB	1.940E-03	U5DXB
2F	B54	G60X80	1.30	0.0	U7DYB	1.835E-03	U5DXB
2F	B54	G60X80	1.72	0.0	U7DYB	1.738E-03	U5DXB
2F	B54	G60X80	1.72	0.0	U7DYB	9.410E-04	U5DYB
2F	B54	G60X80	2.22	0.0	U7DYB	9.165E-04	U5DYB
2F	B54	G60X80	2.72	0.0	U7DYB	8.812E-04	U5DYB
2F	B54	G60X80	3.22	0.0	U7DYB	8.377E-04	U5DYB
2F	B54	G60X80	3.72	0.0	U7DYB	8.023E-04	U5DYB
2F	B54	G60X80	4.22	0.0	U7DYB	7.779E-04	U5DYB
2F	B54	G60X80	4.22	0.0	U7DYB	7.169E-04	U5DYB
2F	B54	G60X80	4.70	0.0	U7DYB	7.401E-04	U5DYB
2F	B54	G60X80	5.18	0.0	U7DYB	7.733E-04	U5DYB
2F	B54	G60X80	5.66	0.0	U7DYB	8.164E-04	U5DYB
2F	B54	G60X80	6.14	0.0	U7DYB	8.684E-04	U5DYB
2F	B54	G60X80	6.62	0.0	U7DYB	9.252E-04	U5DYB
2F	B54	G60X80	7.10	0.0	U7DYB	9.731E-04	U5DYB
2F	B54	G60X80	7.58	0.0	U7DYB	1.006E-03	U5DYB
2F	B54	G60X80	7.58	0.0	U7DYB	1.701E-03	U5DXB
2F	B54	G60X80	7.96	0.0	U7DYB	1.789E-03	U5DXB
2F	B54	G60X80	8.35	0.0	U7DYB	1.868E-03	U5DXB
2F	B57	B30X50	0.00	0.0	U7DYB	3.919E-04	U5DYB
2F	B57	B30X50	0.50	0.0	U7DYB	3.371E-04	U5DYB
2F	B57	B30X50	1.00	0.0	U7DYB	1.240E-04	U7DYB
2F	B57	B30X50	1.50	0.0	U7DYB	0.0	U7DYB
2F	B57	B30X50	2.00	0.0	U7DYB	0.0	U7DYB
2F	B57	B30X50	2.50	0.0	U7DYB	1.240E-04	U7DYB
2F	B57	B30X50	3.00	0.0	U7DYB	3.371E-04	U5DYB
2F	B57	B30X50	3.50	0.0	U7DYB	3.919E-04	U5DYB
2F	B59	B40X60	0.00	0.0	U7DYB	1.331E-03	U5DXB
2F	B59	B40X60	0.47	0.0	U7DYB	1.280E-03	U5DXB
2F	B59	B40X60	0.95	0.0	U7DYB	1.180E-03	U5DXB
2F	B59	B40X60	1.42	0.0	U7DYB	1.044E-03	U5DXB
2F	B59	B40X60	1.89	0.0	U7DYB	4.896E-04	U7DXB
2F	B59	B40X60	2.37	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	2.84	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	3.31	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	3.79	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	4.26	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	4.73	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	5.21	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	5.68	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	6.15	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	6.63	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	7.10	0.0	U7DYB	4.694E-04	U7DXB
2F	B59	B40X60	7.58	0.0	U7DYB	5.220E-04	U7DXB
2F	B59	B40X60	7.58	0.0	U7DYB	1.258E-03	U5DXB
2F	B59	B40X60	7.98	0.0	U7DYB	1.332E-03	U5DXB
2F	B59	B40X60	8.39	0.0	U7DYB	1.405E-03	U5DXB
2F	B59	B40X60	8.80	0.0	U7DYB	1.447E-03	U5DXB
2F	B61	G90X120	0.45	0.0	U7DYB	6.869E-04	U5EYB
2F	B61	G90X120	0.95	0.0	U7DYB	5.922E-04	U5EYB
2F	B61	G90X120	1.45	0.0	U7DYB	4.840E-04	U5EYA
2F	B61	G90X120	1.95	0.0	U7DYB	2.490E-04	U5DYB

2F	B61	G90X120	2.45	0.0	U7DYB	2.163E-04	U5DYB
2F	B61	G90X120	2.95	0.0	U7DYB	1.857E-04	U5DYB
2F	B61	G90X120	3.45	0.0	U7DYB	2.191E-04	U5DYB
2F	B61	G90X120	3.95	0.0	U7DYB	2.451E-04	U5DYB
2F	B61	G90X120	4.45	0.0	U7DYB	4.487E-04	U5EYA
2F	B61	G90X120	4.95	0.0	U7DYB	5.387E-04	U5EYA
2F	B61	G90X120	5.45	0.0	U7DYB	6.119E-04	U5EYB
2F	B61	G90X120	5.45	0.0	U7DYB	4.984E-04	U5EYA
2F	B61	G90X120	5.92	0.0	U7DYB	4.337E-04	U5EYA
2F	B61	G90X120	6.38	0.0	U7DYB	3.516E-04	U5EYA
2F	B61	G90X120	6.85	0.0	U7DYB	2.214E-04	U5DYB
2F	B61	G90X120	7.32	0.0	U7DYB	1.988E-04	U5DYB
2F	B61	G90X120	7.78	0.0	U7DYB	1.938E-04	U5DYB
2F	B61	G90X120	8.25	0.0	U7DYB	2.246E-04	U5DYB
2F	B61	G90X120	8.72	0.0	U7DYB	2.491E-04	U5DYB
2F	B61	G90X120	9.18	0.0	U7DYB	4.927E-04	U5EYA
2F	B61	G90X120	9.65	0.0	U7DYB	5.798E-04	U5EYA
2F	B62	G70X90	0.45	0.0	U7DYB	3.374E-03	U5EYB
2F	B62	G70X90	0.89	0.0	U7DYB	3.273E-03	U5EYB
2F	B62	G70X90	1.32	0.0	U7DYB	3.135E-03	U5EYB
2F	B62	G70X90	1.76	0.0	U7DYB	2.962E-03	U5EYB
2F	B62	G70X90	2.19	0.0	U7DYB	2.766E-03	U5EYB
2F	B62	G70X90	2.63	0.0	U7DYB	2.563E-03	U5EYB
2F	B62	G70X90	3.06	0.0	U7DYB	1.789E-03	U5DYB
2F	B62	G70X90	3.50	0.0	U7DYB	1.748E-03	U5DYB
2F	B62	G70X90	3.50	0.0	U7DYB	1.543E-03	U5DYB
2F	B62	G70X90	3.99	0.0	U7DYB	1.506E-03	U5DYB
2F	B62	G70X90	4.47	0.0	U7DYB	1.474E-03	U5DYB
2F	B62	G70X90	4.96	0.0	U7DYB	1.452E-03	U5DYB
2F	B62	G70X90	5.45	0.0	U7DYB	1.445E-03	U5DYB
2F	B62	G70X90	5.45	0.0	U7DYB	1.628E-03	U5DYB
2F	B62	G70X90	5.93	0.0	U7DYB	1.638E-03	U5DYB
2F	B62	G70X90	6.42	0.0	U7DYB	1.667E-03	U5DYB
2F	B62	G70X90	6.90	0.0	U7DYB	1.715E-03	U5DYB
2F	B62	G70X90	7.38	0.0	U7DYB	1.782E-03	U5DYB
2F	B62	G70X90	7.87	0.0	U7DYB	2.570E-03	U5EYB
2F	B62	G70X90	8.35	0.0	U7DYB	2.863E-03	U5EYB
2F	B62	G70X90	8.83	0.0	U7DYB	3.101E-03	U5EYB
2F	B62	G70X90	9.32	0.0	U7DYB	3.285E-03	U5EYB
2F	B62	G70X90	9.80	0.0	U7DYB	3.414E-03	U5EYB
2F	B63	G70X90	0.45	0.0	U7DYB	2.068E-04	U7EYA
2F	B63	G70X90	0.89	0.0	U7DYB	1.489E-04	U5DYB
2F	B63	G70X90	1.32	0.0	U7DYB	1.434E-04	U5DYB
2F	B63	G70X90	1.76	0.0	U7DYB	1.379E-04	U5DYB
2F	B63	G70X90	2.19	0.0	U7DYB	1.327E-04	U5DYB
2F	B63	G70X90	2.63	0.0	U7DYB	1.382E-04	U5DYB
2F	B63	G70X90	3.06	0.0	U7DYB	1.584E-04	U7EYA
2F	B63	G70X90	3.50	0.0	U7DYB	1.937E-04	U7EYA
2F	B63	G70X90	3.50	0.0	U7DYB	1.550E-04	U5DYB
2F	B63	G70X90	3.99	0.0	U7DYB	1.526E-04	U5DYB
2F	B63	G70X90	4.47	0.0	U7DYB	1.452E-04	U5DYB
2F	B63	G70X90	4.96	0.0	U7DYB	1.379E-04	U5DYB
2F	B63	G70X90	5.45	0.0	U7DYB	1.354E-04	U5DYB
2F	B63	G70X90	5.45	0.0	U7DYB	5.240E-04	U5EYA
2F	B63	G70X90	5.93	0.0	U7DYB	4.640E-04	U5EYA
2F	B63	G70X90	6.42	0.0	U7DYB	3.780E-04	U5EYA
2F	B63	G70X90	6.90	0.0	U7DYB	1.906E-04	U5DYB
2F	B63	G70X90	7.38	0.0	U7DYB	1.569E-04	U5DYB
2F	B63	G70X90	7.87	0.0	U7DYB	1.515E-04	U5DYB
2F	B63	G70X90	8.35	0.0	U7DYB	1.942E-04	U5DYB
2F	B63	G70X90	8.83	0.0	U7DYB	2.434E-04	U7EYA
2F	B63	G70X90	9.32	0.0	U7DYB	5.348E-04	U5EYA
2F	B63	G70X90	9.80	0.0	U7DYB	6.240E-04	U5EYB

2F	B64	B60X80	0.00	0.0	U7DYB	2.002E-03	U5EXB
2F	B64	B60X80	0.48	0.0	U7DYB	1.933E-03	U5EXB
2F	B64	B60X80	0.96	0.0	U7DYB	1.808E-03	U5EXB
2F	B64	B60X80	1.44	0.0	U7DYB	1.626E-03	U5EXB
2F	B64	B60X80	1.91	0.0	U7DYB	1.155E-03	U5DYB
2F	B64	B60X80	2.39	0.0	U7DYB	1.065E-03	U5DYB
2F	B64	B60X80	2.87	0.0	U7DYB	9.609E-04	U5DYB
2F	B64	B60X80	3.35	0.0	U7DYB	8.543E-04	U5DYB
2F	B64	B60X80	3.83	0.0	U7DYB	7.496E-04	U5DYB
2F	B64	B60X80	4.31	0.0	U7DYB	8.539E-04	U5DYB
2F	B64	B60X80	4.79	0.0	U7DYB	9.435E-04	U5DYB
2F	B64	B60X80	5.26	0.0	U7DYB	1.013E-03	U5DYB
2F	B64	B60X80	5.74	0.0	U7DYB	1.063E-03	U5DYB
2F	B64	B60X80	6.22	0.0	U7DYB	1.093E-03	U5DYB
2F	B64	B60X80	6.70	0.0	U7DYB	1.103E-03	U5DYB
2F	B65	B60X80	0.00	0.0	U7DYB	9.425E-04	U5DYB
2F	B65	B60X80	0.49	0.0	U7DYB	9.347E-04	U5DYB
2F	B65	B60X80	0.98	0.0	U7DYB	9.113E-04	U5DYB
2F	B65	B60X80	1.47	0.0	U7DYB	8.749E-04	U5DYB
2F	B65	B60X80	1.96	0.0	U7DYB	8.282E-04	U5DYB
2F	B65	B60X80	2.44	0.0	U7DYB	7.711E-04	U5DYB
2F	B65	B60X80	2.93	0.0	U7DYB	7.097E-04	U5DYB
2F	B65	B60X80	3.42	0.0	U7DYB	6.483E-04	U5DYB
2F	B65	B60X80	3.91	0.0	U7DYB	5.869E-04	U5DYB
2F	B65	B60X80	4.40	0.0	U7DYB	6.474E-04	U5DYB
2F	B65	B60X80	4.89	0.0	U7DYB	7.088E-04	U5DYB
2F	B65	B60X80	5.38	0.0	U7DYB	7.701E-04	U5DYB
2F	B65	B60X80	5.87	0.0	U7DYB	8.315E-04	U5DYB
2F	B65	B60X80	6.36	0.0	U7DYB	8.929E-04	U5DYB
2F	B65	B60X80	6.84	0.0	U7DYB	9.500E-04	U5DYB
2F	B65	B60X80	7.33	0.0	U7DYB	1.568E-03	U5DXB
2F	B65	B60X80	7.82	0.0	U7DYB	1.720E-03	U5DXB
2F	B65	B60X80	8.31	0.0	U7DYB	1.833E-03	U5DXB
2F	B65	B60X80	8.80	0.0	U7DYB	1.899E-03	U5DXB
2F	B80	G60X80	0.55	0.0	U7DYB	1.568E-03	U5EXB
2F	B80	G60X80	1.03	0.0	U7DYB	1.435E-03	U5EXB
2F	B80	G60X80	1.50	0.0	U7DYB	1.247E-03	U5EXB
2F	B80	G60X80	1.98	0.0	U7DYB	1.065E-03	U5DYB
2F	B80	G60X80	2.45	0.0	U7DYB	9.738E-04	U5DYB
2F	B80	G60X80	2.93	0.0	U7DYB	8.723E-04	U5DYB
2F	B80	G60X80	3.40	0.0	U7DYB	7.721E-04	U5DYB
2F	B80	G60X80	3.88	0.0	U7DYB	8.737E-04	U5DYB
2F	B80	G60X80	4.35	0.0	U7DYB	9.746E-04	U5DYB
2F	B80	G60X80	4.83	0.0	U7DYB	1.062E-03	U5DYB
2F	B80	G60X80	5.30	0.0	U7DYB	1.130E-03	U5DYB
2F	B80	G60X80	5.78	0.0	U7DYB	1.337E-03	U5EXB
2F	B80	G60X80	6.25	0.0	U7DYB	1.458E-03	U5EXB
2F	B81	G60X80	0.45	0.0	U7DYB	2.234E-03	U5DXB
2F	B81	G60X80	0.93	0.0	U7DYB	2.112E-03	U5DXB
2F	B81	G60X80	1.41	0.0	U7DYB	1.367E-03	U5DYB
2F	B81	G60X80	1.89	0.0	U7DYB	1.299E-03	U5DYB
2F	B81	G60X80	2.37	0.0	U7DYB	1.210E-03	U5DYB
2F	B81	G60X80	2.84	0.0	U7DYB	1.108E-03	U5DYB
2F	B81	G60X80	3.32	0.0	U7DYB	1.006E-03	U5DYB
2F	B81	G60X80	3.80	0.0	U7DYB	9.034E-04	U5DYB
2F	B81	G60X80	4.28	0.0	U7DYB	8.013E-04	U5DYB
2F	B81	G60X80	4.76	0.0	U7DYB	8.400E-04	U5DYB
2F	B81	G60X80	5.24	0.0	U7DYB	9.249E-04	U5DYB
2F	B81	G60X80	5.72	0.0	U7DYB	9.998E-04	U5DYB
2F	B81	G60X80	6.20	0.0	U7DYB	1.065E-03	U5DYB
2F	B81	G60X80	6.68	0.0	U7DYB	1.118E-03	U5DYB

2F	B81	G60X80	6.68	0.0	U7DYB	1.348E-03	U5DYB
2F	B81	G60X80	7.09	0.0	U7DYB	2.063E-03	U5DXB
2F	B81	G60X80	7.51	0.0	U7DYB	2.208E-03	U5DXB
2F	B81	G60X80	7.93	0.0	U7DYB	2.348E-03	U5DXB
2F	B81	G60X80	8.35	0.0	U7DYB	2.452E-03	U5DXB
2F	B82	B30X50	0.00	0.0	U7DYB	1.204E-03	U5DYB
2F	B82	B30X50	0.46	0.0	U7DYB	1.140E-03	U5DYB
2F	B82	B30X50	0.92	0.0	U7DYB	4.551E-04	U7DYB
2F	B82	B30X50	1.37	0.0	U7DYB	3.493E-04	U7DYB
2F	B82	B30X50	1.83	0.0	U7DYB	0.0	U7DYB
2F	B82	B30X50	2.29	0.0	U7DYB	0.0	U7DYB
2F	B82	B30X50	2.75	0.0	U7DYB	0.0	U7DYB
2F	B82	B30X50	3.21	0.0	U7DYB	0.0	U7DYB
2F	B82	B30X50	3.66	0.0	U7DYB	3.493E-04	U7DYB
2F	B82	B30X50	4.12	0.0	U7DYB	4.551E-04	U7DYB
2F	B82	B30X50	4.58	0.0	U7DYB	1.140E-03	U5DYB
2F	B82	B30X50	5.04	0.0	U7DYB	1.204E-03	U5DYB
2F	B83	B60X80	0.00	0.0	U7DYB	1.987E-03	U5EXB
2F	B83	B60X80	0.48	0.0	U7DYB	1.918E-03	U5EXB
2F	B83	B60X80	0.96	0.0	U7DYB	1.792E-03	U5EXB
2F	B83	B60X80	1.44	0.0	U7DYB	1.611E-03	U5EXB
2F	B83	B60X80	1.91	0.0	U7DYB	1.206E-03	U5DYB
2F	B83	B60X80	2.39	0.0	U7DYB	1.116E-03	U5DYB
2F	B83	B60X80	2.87	0.0	U7DYB	1.010E-03	U5DYB
2F	B83	B60X80	3.35	0.0	U7DYB	9.005E-04	U5DYB
2F	B83	B60X80	3.83	0.0	U7DYB	8.064E-04	U5DYB
2F	B83	B60X80	4.31	0.0	U7DYB	9.128E-04	U5DYB
2F	B83	B60X80	4.79	0.0	U7DYB	1.002E-03	U5DYB
2F	B83	B60X80	5.26	0.0	U7DYB	1.072E-03	U5DYB
2F	B83	B60X80	5.74	0.0	U7DYB	1.122E-03	U5DYB
2F	B83	B60X80	6.22	0.0	U7DYB	1.152E-03	U5DYB
2F	B83	B60X80	6.70	0.0	U7DYB	1.162E-03	U5DYB
2F	B84	B60X80	0.00	0.0	U7DYB	1.490E-03	U5DYB
2F	B84	B60X80	0.48	0.0	U7DYB	1.480E-03	U5DYB
2F	B84	B60X80	0.95	0.0	U7DYB	1.450E-03	U5DYB
2F	B84	B60X80	1.43	0.0	U7DYB	1.401E-03	U5DYB
2F	B84	B60X80	1.91	0.0	U7DYB	1.332E-03	U5DYB
2F	B84	B60X80	2.38	0.0	U7DYB	1.243E-03	U5DYB
2F	B84	B60X80	2.86	0.0	U7DYB	1.137E-03	U5DYB
2F	B84	B60X80	3.34	0.0	U7DYB	1.028E-03	U5DYB
2F	B84	B60X80	3.81	0.0	U7DYB	9.191E-04	U5DYB
2F	B84	B60X80	4.29	0.0	U7DYB	1.002E-03	U5DYB
2F	B84	B60X80	4.77	0.0	U7DYB	1.104E-03	U5DYB
2F	B84	B60X80	5.24	0.0	U7DYB	1.195E-03	U5DYB
2F	B84	B60X80	5.72	0.0	U7DYB	1.276E-03	U5DYB
2F	B84	B60X80	6.20	0.0	U7DYB	1.347E-03	U5DYB
2F	B84	B60X80	6.68	0.0	U7DYB	1.401E-03	U5DYB
2F	B84	B60X80	6.68	0.0	U7DYB	1.631E-03	U5DYB
2F	B84	B60X80	7.10	0.0	U7DYB	2.541E-03	U5DXB
2F	B84	B60X80	7.53	0.0	U7DYB	2.689E-03	U5DXB
2F	B84	B60X80	7.95	0.0	U7DYB	2.831E-03	U5DXB
2F	B84	B60X80	8.38	0.0	U7DYB	2.933E-03	U5DXB
2F	B84	B60X80	8.80	0.0	U7DYB	2.992E-03	U5DXB
2F	B85	G90X120	0.60	0.0	U7DYB	6.102E-04	U5EYA
2F	B85	G90X120	1.09	0.0	U7DYB	5.176E-04	U5EYA
2F	B85	G90X120	1.59	0.0	U7DYB	2.580E-04	U5DYB
2F	B85	G90X120	2.08	0.0	U7DYB	2.312E-04	U5DYB
2F	B85	G90X120	2.57	0.0	U7DYB	1.973E-04	U5DYB
2F	B85	G90X120	3.07	0.0	U7DYB	2.056E-04	U5DYB
2F	B85	G90X120	3.56	0.0	U7DYB	2.309E-04	U5DYB
2F	B85	G90X120	4.05	0.0	U7DYB	2.489E-04	U5DYB

2F	B85	G90X120	4.54	0.0	U7DYB	4.688E-04	U5EYA
2F	B85	G90X120	5.04	0.0	U7DYB	5.377E-04	U5EYA
2F	B85	G90X120	5.04	0.0	U7DYB	6.079E-04	U5EYB
2F	B85	G90X120	5.49	0.0	U7DYB	5.421E-04	U5EYA
2F	B85	G90X120	5.95	0.0	U7DYB	4.625E-04	U5EYA
2F	B85	G90X120	6.40	0.0	U7DYB	2.536E-04	U5DYB
2F	B85	G90X120	6.86	0.0	U7DYB	2.320E-04	U5DYB
2F	B85	G90X120	7.32	0.0	U7DYB	2.043E-04	U5DYB
2F	B85	G90X120	7.77	0.0	U7DYB	2.000E-04	U5DYB
2F	B85	G90X120	8.23	0.0	U7DYB	2.339E-04	U5DYB
2F	B85	G90X120	8.68	0.0	U7DYB	2.615E-04	U5DYB
2F	B85	G90X120	9.14	0.0	U7DYB	5.128E-04	U5EYA
2F	B85	G90X120	9.59	0.0	U7DYB	6.101E-04	U5EYB
2F	B85	G90X120	10.05	0.0	U7DYB	6.955E-04	U5EYB

2F	B86	G70X90	0.45	2.575E-04	U5DXA	3.656E-03	U5EYB
2F	B86	G70X90	0.91	2.575E-04	U5DXA	3.534E-03	U5EYB
2F	B86	G70X90	1.37	2.575E-04	U5DXA	3.364E-03	U5EYB
2F	B86	G70X90	1.83	2.575E-04	U5DXA	3.144E-03	U5EYB
2F	B86	G70X90	2.29	2.575E-04	U5DXA	2.876E-03	U5EYB
2F	B86	G70X90	2.74	2.575E-04	U5DXA	1.971E-03	U5DYB
2F	B86	G70X90	3.20	2.575E-04	U5DXA	1.893E-03	U5DYB
2F	B86	G70X90	3.66	2.575E-04	U5DXA	1.832E-03	U5DYB
2F	B86	G70X90	4.12	2.575E-04	U5DXA	1.789E-03	U5DYB
2F	B86	G70X90	4.58	2.575E-04	U5DXA	1.763E-03	U5DYB
2F	B86	G70X90	5.04	2.575E-04	U5DXA	1.754E-03	U5DYB
2F	B86	G70X90	5.04	2.407E-04	U5DXA	1.638E-03	U5DYB
2F	B86	G70X90	5.49	2.407E-04	U5DXA	1.647E-03	U5DYB
2F	B86	G70X90	5.95	2.407E-04	U5DXA	1.673E-03	U5DYB
2F	B86	G70X90	6.40	2.407E-04	U5DXA	1.715E-03	U5DYB
2F	B86	G70X90	6.86	2.407E-04	U5DXA	1.775E-03	U5DYB
2F	B86	G70X90	7.32	2.407E-04	U5DXA	1.852E-03	U5DYB
2F	B86	G70X90	7.77	2.407E-04	U5DXA	1.947E-03	U5DYB
2F	B86	G70X90	8.23	2.407E-04	U5DXA	2.041E-03	U5DYB
2F	B86	G70X90	8.68	2.407E-04	U5DXA	3.067E-03	U5EYB
2F	B86	G70X90	9.14	2.407E-04	U5DXA	3.285E-03	U5EYB
2F	B86	G70X90	9.59	2.407E-04	U5DXA	3.453E-03	U5EYB
2F	B86	G70X90	10.05	2.407E-04	U5DXA	3.574E-03	U5EYB

2F	B87	G70X90	0.45	0.0	U7DYB	5.294E-04	U5EYB
2F	B87	G70X90	0.91	0.0	U7DYB	2.716E-04	U7EYA
2F	B87	G70X90	1.37	0.0	U7DYB	2.374E-04	U5DYB
2F	B87	G70X90	1.83	0.0	U7DYB	2.173E-04	U5DYB
2F	B87	G70X90	2.29	0.0	U7DYB	1.972E-04	U5DYB
2F	B87	G70X90	2.74	0.0	U7DYB	1.771E-04	U5DYB
2F	B87	G70X90	3.20	0.0	U7DYB	1.910E-04	U5DYB
2F	B87	G70X90	3.66	0.0	U7DYB	2.111E-04	U5DYB
2F	B87	G70X90	4.12	0.0	U7DYB	2.308E-04	U5DYB
2F	B87	G70X90	4.58	0.0	U7DYB	4.076E-04	U5EYA
2F	B87	G70X90	5.04	0.0	U7DYB	2.923E-04	U7EYA
2F	B87	G70X90	5.04	0.0	U7DYB	6.499E-04	U5EYB
2F	B87	G70X90	5.49	0.0	U7DYB	5.895E-04	U5EYB
2F	B87	G70X90	5.95	0.0	U7DYB	5.050E-04	U5EYA
2F	B87	G70X90	6.40	0.0	U7DYB	2.689E-04	U5DYB
2F	B87	G70X90	6.86	0.0	U7DYB	2.390E-04	U5DYB
2F	B87	G70X90	7.32	0.0	U7DYB	2.004E-04	U5DYB
2F	B87	G70X90	7.77	0.0	U7DYB	1.947E-04	U5DYB
2F	B87	G70X90	8.23	0.0	U7DYB	2.417E-04	U5DYB
2F	B87	G70X90	8.68	0.0	U7DYB	2.801E-04	U5DYB
2F	B87	G70X90	9.14	0.0	U7DYB	5.710E-04	U5EYB
2F	B87	G70X90	9.59	0.0	U7DYB	6.795E-04	U5EYB
2F	B87	G70X90	10.05	0.0	U7DYB	7.638E-04	U5EYB

2F	B88G100X150-C		0.60	0.0	U7DYB	1.378E-03	U5EYB
2F	B88G100X150-C		1.09	0.0	U7DYB	1.308E-03	U5EYB

2F	B88G100X150-C	1.59	0.0	U7DYB	1.238E-03	U5EYB
2F	B88G100X150-C	2.08	0.0	U7DYB	1.168E-03	U5EYB
2F	B88G100X150-C	2.58	0.0	U7DYB	1.097E-03	U5EYB
2F	B88G100X150-C	3.07	0.0	U7DYB	1.027E-03	U5EYB
2F	B88G100X150-C	3.57	0.0	U7DYB	9.572E-04	U5EYB
2F	B88G100X150-C	4.06	0.0	U7DYB	8.870E-04	U5EYB
2F	B88G100X150-C	4.56	0.0	U7DYB	8.169E-04	U5EYB
2F	B88G100X150-C	5.05	0.0	U7DYB	7.468E-04	U5EYB
2F	B88G100X150-C	5.55	0.0	U7DYB	6.507E-04	U5EYA
2F	B88G100X150-C	6.04	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	6.54	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	7.03	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	7.53	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	8.02	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	8.52	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	9.01	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	9.51	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	10.00	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	10.50	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	10.99	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	11.49	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	11.98	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	12.48	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	12.97	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	13.47	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	13.96	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	14.46	0.0	U7DYB	5.181E-04	U5DYB
2F	B88G100X150-C	14.95	0.0	U7DYB	6.541E-04	U5EYA
2F	B88G100X150-C	15.45	0.0	U7DYB	7.504E-04	U5EYB
2F	B88G100X150-C	15.94	0.0	U7DYB	8.205E-04	U5EYB
2F	B88G100X150-C	16.44	0.0	U7DYB	8.906E-04	U5EYB
2F	B88G100X150-C	16.93	0.0	U7DYB	9.607E-04	U5EYB
2F	B88G100X150-C	17.43	0.0	U7DYB	1.031E-03	U5EYB
2F	B88G100X150-C	17.92	0.0	U7DYB	1.101E-03	U5EYB
2F	B88G100X150-C	18.42	0.0	U7DYB	1.171E-03	U5EYB
2F	B88G100X150-C	18.91	0.0	U7DYB	1.241E-03	U5EYB
2F	B88G100X150-C	19.41	0.0	U7DYB	1.311E-03	U5EYB
2F	B88G100X150-C	19.90	0.0	U7DYB	1.382E-03	U5EYB

2F	B117	G60X80	0.45	0.0	U7DYB	1.505E-03	U5EXB
2F	B117	G60X80	0.93	0.0	U7DYB	1.382E-03	U5EXB
2F	B117	G60X80	1.42	0.0	U7DYB	1.201E-03	U5EXB
2F	B117	G60X80	1.90	0.0	U7DYB	1.048E-03	U5DYB
2F	B117	G60X80	2.38	0.0	U7DYB	9.600E-04	U5DYB
2F	B117	G60X80	2.87	0.0	U7DYB	8.617E-04	U5DYB
2F	B117	G60X80	3.35	0.0	U7DYB	7.692E-04	U5DYB
2F	B117	G60X80	3.83	0.0	U7DYB	8.702E-04	U5DYB
2F	B117	G60X80	4.32	0.0	U7DYB	9.686E-04	U5DYB
2F	B117	G60X80	4.80	0.0	U7DYB	1.057E-03	U5DYB
2F	B117	G60X80	5.28	0.0	U7DYB	1.126E-03	U5DYB
2F	B117	G60X80	5.77	0.0	U7DYB	1.370E-03	U5EXB
2F	B117	G60X80	6.25	0.0	U7DYB	1.494E-03	U5EXB

2F	B118	G60X80	0.45	0.0	U7DYB	2.219E-03	U5DXB
2F	B118	G60X80	0.94	0.0	U7DYB	2.092E-03	U5DXB
2F	B118	G60X80	1.44	0.0	U7DYB	1.905E-03	U5DXB
2F	B118	G60X80	1.93	0.0	U7DYB	1.258E-03	U5DYB
2F	B118	G60X80	2.43	0.0	U7DYB	1.167E-03	U5DYB
2F	B118	G60X80	2.92	0.0	U7DYB	1.066E-03	U5DYB
2F	B118	G60X80	3.41	0.0	U7DYB	9.627E-04	U5DYB
2F	B118	G60X80	3.91	0.0	U7DYB	8.595E-04	U5DYB
2F	B118	G60X80	4.40	0.0	U7DYB	7.563E-04	U5DYB
2F	B118	G60X80	4.89	0.0	U7DYB	8.345E-04	U5DYB
2F	B118	G60X80	5.39	0.0	U7DYB	9.377E-04	U5DYB
2F	B118	G60X80	5.88	0.0	U7DYB	1.041E-03	U5DYB

2F	B118	G60X80	6.38	0.0	U7DYB	1.142E-03	U5DYB
2F	B118	G60X80	6.87	0.0	U7DYB	1.233E-03	U5DYB
2F	B118	G60X80	7.36	0.0	U7DYB	1.878E-03	U5DXB
2F	B118	G60X80	7.86	0.0	U7DYB	2.065E-03	U5DXB
2F	B118	G60X80	8.35	0.0	U7DYB	2.192E-03	U5DXB
2F	B119	B60X80	0.00	0.0	U7DYB	1.826E-03	U5EXB
2F	B119	B60X80	0.48	0.0	U7DYB	1.757E-03	U5EXB
2F	B119	B60X80	0.96	0.0	U7DYB	1.632E-03	U5EXB
2F	B119	B60X80	1.44	0.0	U7DYB	1.166E-03	U5DYB
2F	B119	B60X80	1.91	0.0	U7DYB	1.096E-03	U5DYB
2F	B119	B60X80	2.39	0.0	U7DYB	1.009E-03	U5DYB
2F	B119	B60X80	2.87	0.0	U7DYB	9.109E-04	U5DYB
2F	B119	B60X80	3.35	0.0	U7DYB	8.069E-04	U5DYB
2F	B119	B60X80	3.83	0.0	U7DYB	7.561E-04	U5DYB
2F	B119	B60X80	4.31	0.0	U7DYB	8.541E-04	U5DYB
2F	B119	B60X80	4.79	0.0	U7DYB	9.415E-04	U5DYB
2F	B119	B60X80	5.26	0.0	U7DYB	1.011E-03	U5DYB
2F	B119	B60X80	5.74	0.0	U7DYB	1.061E-03	U5DYB
2F	B119	B60X80	6.22	0.0	U7DYB	1.091E-03	U5DYB
2F	B119	B60X80	6.70	0.0	U7DYB	1.101E-03	U5DYB
2F	B120	B60X80	0.00	0.0	U7DYB	1.897E-03	U5DXB
2F	B120	B60X80	0.44	0.0	U7DYB	1.822E-03	U5DXB
2F	B120	B60X80	0.89	0.0	U7DYB	1.707E-03	U5DXB
2F	B120	B60X80	1.33	0.0	U7DYB	1.169E-03	U5DYB
2F	B120	B60X80	1.78	0.0	U7DYB	1.124E-03	U5DYB
2F	B120	B60X80	2.22	0.0	U7DYB	1.071E-03	U5DYB
2F	B120	B60X80	2.66	0.0	U7DYB	1.020E-03	U5DYB
2F	B120	B60X80	3.11	0.0	U7DYB	9.738E-04	U5DYB
2F	B120	B60X80	3.55	0.0	U7DYB	9.316E-04	U5DYB
2F	B120	B60X80	3.55	0.0	U7DYB	8.259E-04	U5DYB
2F	B120	B60X80	4.03	0.0	U7DYB	8.714E-04	U5DYB
2F	B120	B60X80	4.50	0.0	U7DYB	9.219E-04	U5DYB
2F	B120	B60X80	4.98	0.0	U7DYB	9.773E-04	U5DYB
2F	B120	B60X80	5.46	0.0	U7DYB	1.034E-03	U5DYB
2F	B120	B60X80	5.94	0.0	U7DYB	1.091E-03	U5DYB
2F	B120	B60X80	6.41	0.0	U7DYB	1.149E-03	U5DYB
2F	B120	B60X80	6.89	0.0	U7DYB	1.765E-03	U5DXB
2F	B120	B60X80	7.37	0.0	U7DYB	1.973E-03	U5DXB
2F	B120	B60X80	7.85	0.0	U7DYB	2.146E-03	U5DXB
2F	B120	B60X80	8.32	0.0	U7DYB	2.275E-03	U5DXB
2F	B120	B60X80	8.80	0.0	U7DYB	2.357E-03	U5DXB
2F	B121	G90X120	0.45	0.0	U7DYB	4.801E-04	U5EYB
2F	B121	G90X120	0.91	0.0	U7DYB	2.483E-04	U7EYA
2F	B121	G90X120	1.38	0.0	U7DYB	2.117E-04	U5DYB
2F	B121	G90X120	1.84	0.0	U7DYB	1.896E-04	U5DYB
2F	B121	G90X120	2.30	0.0	U7DYB	1.627E-04	U5DYB
2F	B121	G90X120	2.76	0.0	U7DYB	1.835E-04	U5DYB
2F	B121	G90X120	3.23	0.0	U7DYB	1.994E-04	U5DYB
2F	B121	G90X120	3.69	0.0	U7DYB	2.089E-04	U5DYB
2F	B121	G90X120	4.15	0.0	U7DYB	3.824E-04	U5EYA
2F	B121	G90X120	4.15	0.0	U7DYB	6.805E-04	U5EYB
2F	B121	G90X120	4.63	0.0	U7DYB	6.086E-04	U5EYB
2F	B121	G90X120	5.10	0.0	U7DYB	5.176E-04	U5EYB
2F	B121	G90X120	5.58	0.0	U7DYB	4.105E-04	U5EYA
2F	B121	G90X120	6.06	0.0	U7DYB	2.198E-04	U5DYB
2F	B121	G90X120	6.54	0.0	U7DYB	1.894E-04	U5DYB
2F	B121	G90X120	7.01	0.0	U7DYB	1.718E-04	U5DYB
2F	B121	G90X120	7.49	0.0	U7DYB	2.106E-04	U5DYB
2F	B121	G90X120	7.97	0.0	U7DYB	2.428E-04	U5DYB
2F	B121	G90X120	8.45	0.0	U7DYB	5.208E-04	U5EYB
2F	B121	G90X120	8.92	0.0	U7DYB	6.359E-04	U5EYB
2F	B121	G90X120	9.40	0.0	U7DYB	7.318E-04	U5EYB

2F	B122	G70X90	0.45	2.376E-04	U5DXA	3.694E-03	U5EYB
2F	B122	G70X90	0.91	2.376E-04	U5DXA	3.572E-03	U5EYB
2F	B122	G70X90	1.38	2.376E-04	U5DXA	3.399E-03	U5EYB
2F	B122	G70X90	1.84	2.376E-04	U5DXA	3.177E-03	U5EYB
2F	B122	G70X90	2.30	2.376E-04	U5DXA	2.917E-03	U5EYB
2F	B122	G70X90	2.76	2.376E-04	U5DXA	2.693E-03	U5EYB
2F	B122	G70X90	3.23	2.376E-04	U5DXA	1.822E-03	U5DYB
2F	B122	G70X90	3.69	2.376E-04	U5DXA	1.796E-03	U5DYB
2F	B122	G70X90	4.15	2.376E-04	U5DXA	1.787E-03	U5DYB
2F	B122	G70X90	4.15	2.037E-04	U5DXB	1.380E-03	U5DYB
2F	B122	G70X90	4.64	2.037E-04	U5DXB	1.388E-03	U5DYB
2F	B122	G70X90	5.13	2.037E-04	U5DXB	1.410E-03	U5DYB
2F	B122	G70X90	5.62	2.037E-04	U5DXB	1.447E-03	U5DYB
2F	B122	G70X90	6.11	2.037E-04	U5DXB	1.499E-03	U5DYB
2F	B122	G70X90	6.60	2.037E-04	U5DXB	1.562E-03	U5DYB
2F	B122	G70X90	7.10	2.037E-04	U5DXB	1.634E-03	U5DYB
2F	B122	G70X90	7.59	2.037E-04	U5DXB	1.706E-03	U5DYB
2F	B122	G70X90	8.08	2.037E-04	U5DXB	1.768E-03	U5DYB
2F	B122	G70X90	8.57	2.037E-04	U5DXB	1.819E-03	U5DYB
2F	B122	G70X90	9.06	2.037E-04	U5DXB	2.702E-03	U5EYB
2F	B122	G70X90	9.55	2.037E-04	U5DXB	2.819E-03	U5EYB
2F	B123	G70X90	0.45	0.0	U7DYB	5.066E-04	U5EYA
2F	B123	G70X90	0.91	0.0	U7DYB	4.266E-04	U5EYA
2F	B123	G70X90	1.38	0.0	U7DYB	1.918E-04	U7EYA
2F	B123	G70X90	1.84	0.0	U7DYB	1.416E-04	U5DYB
2F	B123	G70X90	2.30	0.0	U7DYB	1.049E-04	U5DYB
2F	B123	G70X90	2.76	0.0	U7DYB	1.358E-04	U5DYB
2F	B123	G70X90	3.23	0.0	U7DYB	2.744E-04	U5EYA
2F	B123	G70X90	3.69	0.0	U7DYB	3.551E-04	U5EYA
2F	B123	G70X90	4.15	0.0	U7DYB	4.120E-04	U5EYA
2F	B123	G70X90	4.15	0.0	U7DYB	1.168E-04	U5DYB
2F	B123	G70X90	4.60	0.0	U7DYB	1.147E-04	U5DYB
2F	B123	G70X90	5.05	0.0	U7DYB	1.085E-04	U5DYB
2F	B123	G70X90	5.50	0.0	U7DYB	1.112E-04	U5DYB
2F	B123	G70X90	5.95	0.0	U7DYB	1.216E-04	U5DYB
2F	B123	G70X90	6.40	0.0	U7DYB	1.279E-04	U5DYB
2F	B123	G70X90	6.85	0.0	U7DYB	1.695E-04	U7EYB
2F	B123	G70X90	6.85	0.0	U7DYB	2.690E-04	U5EYA
2F	B123	G70X90	7.30	0.0	U7DYB	1.604E-04	U7EYA
2F	B123	G70X90	7.75	0.0	U7DYB	1.198E-04	U5DYB
2F	B123	G70X90	8.20	0.0	U7DYB	1.094E-04	U5DYB
2F	B123	G70X90	8.65	0.0	U7DYB	1.133E-04	U5DYB
2F	B123	G70X90	9.10	0.0	U7DYB	1.633E-04	U7EYA
2F	B123	G70X90	9.55	0.0	U7DYB	2.066E-04	U7EYA
2F	B124	B25X45	0.00	0.0	U7DYB	9.105E-04	U5DYB
2F	B124	B25X45	0.48	0.0	U7DYB	8.590E-04	U5DYB
2F	B124	B25X45	0.95	0.0	U7DYB	7.407E-04	U5DYB
2F	B124	B25X45	1.43	0.0	U7DYB	2.934E-04	U7DYB
2F	B124	B25X45	1.91	0.0	U7DYB	0.0	U7DYB
2F	B124	B25X45	2.39	0.0	U7DYB	0.0	U7DYB
2F	B124	B25X45	2.86	0.0	U7DYB	0.0	U7DYB
2F	B124	B25X45	3.34	0.0	U7DYB	0.0	U7DYB
2F	B124	B25X45	3.82	0.0	U7DYB	2.934E-04	U7DYB
2F	B124	B25X45	4.30	0.0	U7DYB	7.407E-04	U5DYB
2F	B124	B25X45	4.77	0.0	U7DYB	8.590E-04	U5DYB
2F	B124	B25X45	5.25	0.0	U7DYB	9.105E-04	U5DYB
2F	B125	B30X50	0.00	0.0	U7DYB	4.386E-04	U2
2F	B125	B30X50	0.45	0.0	U7DYB	4.005E-04	U2
2F	B125	B30X50	0.90	0.0	U7DYB	3.147E-04	U2
2F	B125	B30X50	1.35	0.0	U7DYB	1.811E-04	U2
2F	B125	B30X50	1.80	0.0	U7DYB	2.361E-05	U2

2F	B125	B30X50	2.25	0.0	U7DYB	0.0	U7DYB
2F	B125	B30X50	2.70	0.0	U7DYB	0.0	U7DYB
2F	B125	B30X50	2.70	0.0	U7DYB	0.0	U7DYB
2F	B125	B30X50	3.15	0.0	U7DYB	0.0	U7DYB
2F	B125	B30X50	3.60	0.0	U7DYB	0.0	U7DYB
2F	B125	B30X50	4.05	0.0	U7DYB	0.0	U7DYB
2F	B125	B30X50	4.50	0.0	U7DYB	1.454E-04	U2
2F	B125	B30X50	4.95	0.0	U7DYB	2.790E-04	U2
2F	B125	B30X50	5.40	0.0	U7DYB	3.649E-04	U2
2F	B125	B30X50	5.85	0.0	U7DYB	4.029E-04	U2
2F	B126	G90X120	0.60	3.145E-04	U5DYA	4.217E-04	U5EXA
2F	B126	G90X120	1.09	3.145E-04	U5DYA	3.635E-04	U5EXA
2F	B126	G90X120	1.57	3.145E-04	U5DYA	3.053E-04	U5EXA
2F	B126	G90X120	2.06	3.145E-04	U5DYA	2.662E-04	U5DYB
2F	B126	G90X120	2.54	3.145E-04	U5DYA	2.662E-04	U5DYB
2F	B126	G90X120	3.03	3.145E-04	U5DYA	2.662E-04	U5DYB
2F	B126	G90X120	3.51	3.145E-04	U5DYA	2.662E-04	U5DYB
2F	B126	G90X120	4.00	3.145E-04	U5DYA	2.662E-04	U5DYB
2F	B126	G90X120	4.48	3.145E-04	U5DYA	2.676E-04	U5EXA
2F	B126	G90X120	4.97	3.145E-04	U5DYA	3.258E-04	U5EXA
2F	B126	G90X120	5.45	3.145E-04	U5DYA	3.839E-04	U5EXA
2F	B127	G90X120	0.55	2.801E-04	U5DYA	4.110E-04	U5EXA
2F	B127	G90X120	1.04	2.801E-04	U5DYA	3.522E-04	U5EXA
2F	B127	G90X120	1.53	2.801E-04	U5DYA	2.935E-04	U5EXA
2F	B127	G90X120	2.02	2.801E-04	U5DYA	2.347E-04	U5EXA
2F	B127	G90X120	2.51	2.801E-04	U5DYA	2.313E-04	U5DYB
2F	B127	G90X120	3.00	2.801E-04	U5DYA	2.313E-04	U5DYB
2F	B127	G90X120	3.49	2.801E-04	U5DYA	2.313E-04	U5DYB
2F	B127	G90X120	3.98	2.801E-04	U5DYA	2.313E-04	U5DYB
2F	B127	G90X120	4.47	2.801E-04	U5DYA	2.620E-04	U5EXA
2F	B127	G90X120	4.96	2.801E-04	U5DYA	3.207E-04	U5EXA
2F	B127	G90X120	5.45	2.801E-04	U5DYA	3.795E-04	U5EXA
2F	B128	G90X120	0.55	0.0	U7DYB	3.970E-04	U5EXA
2F	B128	G90X120	1.04	0.0	U7DYB	3.382E-04	U5EXA
2F	B128	G90X120	1.53	0.0	U7DYB	2.794E-04	U5EXA
2F	B128	G90X120	2.02	0.0	U7DYB	2.230E-04	U5DYB
2F	B128	G90X120	2.51	0.0	U7DYB	2.230E-04	U5DYB
2F	B128	G90X120	3.00	0.0	U7DYB	2.230E-04	U5DYB
2F	B128	G90X120	3.49	0.0	U7DYB	2.230E-04	U5DYB
2F	B128	G90X120	3.98	0.0	U7DYB	2.230E-04	U5DYB
2F	B128	G90X120	4.47	0.0	U7DYB	2.744E-04	U5EXA
2F	B128	G90X120	4.96	0.0	U7DYB	3.332E-04	U5EXA
2F	B128	G90X120	5.45	0.0	U7DYB	3.919E-04	U5EXA
2F	B129	G90X120	0.55	0.0	U7DYB	3.940E-04	U5EXA
2F	B129	G90X120	1.04	0.0	U7DYB	3.352E-04	U5EXA
2F	B129	G90X120	1.53	0.0	U7DYB	2.764E-04	U5EXA
2F	B129	G90X120	2.02	0.0	U7DYB	2.251E-04	U5DYB
2F	B129	G90X120	2.51	0.0	U7DYB	2.251E-04	U5DYB
2F	B129	G90X120	3.00	0.0	U7DYB	2.251E-04	U5DYB
2F	B129	G90X120	3.49	0.0	U7DYB	2.251E-04	U5DYB
2F	B129	G90X120	3.98	0.0	U7DYB	2.251E-04	U5DYB
2F	B129	G90X120	4.47	0.0	U7DYB	2.805E-04	U5EXA
2F	B129	G90X120	4.96	0.0	U7DYB	3.392E-04	U5EXA
2F	B129	G90X120	5.45	0.0	U7DYB	3.980E-04	U5EXA
2F	B130	G90X120	0.55	0.0	U7DYB	3.945E-04	U5EXA
2F	B130	G90X120	1.04	0.0	U7DYB	3.357E-04	U5EXA
2F	B130	G90X120	1.53	0.0	U7DYB	2.770E-04	U5EXA
2F	B130	G90X120	2.02	0.0	U7DYB	2.254E-04	U5DYB
2F	B130	G90X120	2.51	0.0	U7DYB	2.254E-04	U5DYB
2F	B130	G90X120	3.00	0.0	U7DYB	2.254E-04	U5DYB

2F	B130	G90X120	3.49	0.0	U7DYB	2.254E-04	U5DYB
2F	B130	G90X120	3.98	0.0	U7DYB	2.254E-04	U5DYB
2F	B130	G90X120	4.47	0.0	U7DYB	2.816E-04	U5EXA
2F	B130	G90X120	4.96	0.0	U7DYB	3.404E-04	U5EXA
2F	B130	G90X120	5.45	0.0	U7DYB	3.992E-04	U5EXA
2F	B131	G90X120	0.55	0.0	U7DYB	3.950E-04	U5EXA
2F	B131	G90X120	1.04	0.0	U7DYB	3.362E-04	U5EXA
2F	B131	G90X120	1.53	0.0	U7DYB	2.775E-04	U5EXA
2F	B131	G90X120	2.02	0.0	U7DYB	2.255E-04	U5DYB
2F	B131	G90X120	2.51	0.0	U7DYB	2.255E-04	U5DYB
2F	B131	G90X120	3.00	0.0	U7DYB	2.255E-04	U5DYB
2F	B131	G90X120	3.49	0.0	U7DYB	2.255E-04	U5DYB
2F	B131	G90X120	3.98	0.0	U7DYB	2.255E-04	U5DYB
2F	B131	G90X120	4.47	0.0	U7DYB	2.823E-04	U5EXA
2F	B131	G90X120	4.96	0.0	U7DYB	3.411E-04	U5EXA
2F	B131	G90X120	5.45	0.0	U7DYB	3.999E-04	U5EXA
2F	B132	G90X120	0.55	0.0	U7DYB	3.955E-04	U5EXA
2F	B132	G90X120	1.04	0.0	U7DYB	3.367E-04	U5EXA
2F	B132	G90X120	1.53	0.0	U7DYB	2.779E-04	U5EXA
2F	B132	G90X120	2.02	0.0	U7DYB	2.256E-04	U5DYB
2F	B132	G90X120	2.51	0.0	U7DYB	2.256E-04	U5DYB
2F	B132	G90X120	3.00	0.0	U7DYB	2.256E-04	U5DYB
2F	B132	G90X120	3.49	0.0	U7DYB	2.256E-04	U5DYB
2F	B132	G90X120	3.98	0.0	U7DYB	2.256E-04	U5DYB
2F	B132	G90X120	4.47	0.0	U7DYB	2.827E-04	U5EXA
2F	B132	G90X120	4.96	0.0	U7DYB	3.415E-04	U5EXA
2F	B132	G90X120	5.45	0.0	U7DYB	4.003E-04	U5EXA
2F	B133	G90X120	0.55	0.0	U7DYB	3.962E-04	U5EXA
2F	B133	G90X120	1.04	0.0	U7DYB	3.375E-04	U5EXA
2F	B133	G90X120	1.53	0.0	U7DYB	2.787E-04	U5EXA
2F	B133	G90X120	2.02	0.0	U7DYB	2.257E-04	U5DYB
2F	B133	G90X120	2.51	0.0	U7DYB	2.257E-04	U5DYB
2F	B133	G90X120	3.00	0.0	U7DYB	2.257E-04	U5DYB
2F	B133	G90X120	3.49	0.0	U7DYB	2.257E-04	U5DYB
2F	B133	G90X120	3.98	0.0	U7DYB	2.257E-04	U5DYB
2F	B133	G90X120	4.47	0.0	U7DYB	2.828E-04	U5EXA
2F	B133	G90X120	4.96	0.0	U7DYB	3.416E-04	U5EXA
2F	B133	G90X120	5.45	0.0	U7DYB	4.004E-04	U5EXA
2F	B134	G90X120	0.55	0.0	U7DYB	3.975E-04	U5EXA
2F	B134	G90X120	1.04	0.0	U7DYB	3.387E-04	U5EXA
2F	B134	G90X120	1.53	0.0	U7DYB	2.799E-04	U5EXA
2F	B134	G90X120	2.02	0.0	U7DYB	2.263E-04	U5DYB
2F	B134	G90X120	2.51	0.0	U7DYB	2.263E-04	U5DYB
2F	B134	G90X120	3.00	0.0	U7DYB	2.263E-04	U5DYB
2F	B134	G90X120	3.49	0.0	U7DYB	2.263E-04	U5DYB
2F	B134	G90X120	3.98	0.0	U7DYB	2.263E-04	U5DYB
2F	B134	G90X120	4.47	0.0	U7DYB	2.831E-04	U5EXA
2F	B134	G90X120	4.96	0.0	U7DYB	3.418E-04	U5EXA
2F	B134	G90X120	5.45	0.0	U7DYB	4.006E-04	U5EXA
2F	B135	G90X120	0.55	0.0	U7DYB	3.989E-04	U5EXA
2F	B135	G90X120	1.04	0.0	U7DYB	3.402E-04	U5EXA
2F	B135	G90X120	1.53	0.0	U7DYB	2.814E-04	U5EXA
2F	B135	G90X120	2.02	0.0	U7DYB	2.281E-04	U5DYB
2F	B135	G90X120	2.51	0.0	U7DYB	2.281E-04	U5DYB
2F	B135	G90X120	3.00	0.0	U7DYB	2.281E-04	U5DYB
2F	B135	G90X120	3.49	0.0	U7DYB	2.281E-04	U5DYB
2F	B135	G90X120	3.98	0.0	U7DYB	2.281E-04	U5DYB
2F	B135	G90X120	4.47	0.0	U7DYB	2.837E-04	U5EXA
2F	B135	G90X120	4.96	0.0	U7DYB	3.425E-04	U5EXA
2F	B135	G90X120	5.45	0.0	U7DYB	4.013E-04	U5EXA

2F	B136	G90X120	0.55	2.681E-04	U5DYA	4.004E-04	U5EXA
2F	B136	G90X120	1.04	2.681E-04	U5DYA	3.416E-04	U5EXA
2F	B136	G90X120	1.53	2.681E-04	U5DYA	2.828E-04	U5EXA
2F	B136	G90X120	2.02	2.681E-04	U5DYA	2.326E-04	U5DYB
2F	B136	G90X120	2.51	2.681E-04	U5DYA	2.326E-04	U5DYB
2F	B136	G90X120	3.00	2.681E-04	U5DYA	2.326E-04	U5DYB
2F	B136	G90X120	3.49	2.681E-04	U5DYA	2.326E-04	U5DYB
2F	B136	G90X120	3.98	2.681E-04	U5DYA	2.326E-04	U5DYB
2F	B136	G90X120	4.47	2.681E-04	U5DYA	2.865E-04	U5EXA
2F	B136	G90X120	4.96	2.681E-04	U5DYA	3.453E-04	U5EXA
2F	B136	G90X120	5.45	2.681E-04	U5DYA	4.040E-04	U5EXA
2F	B137	G90X120	0.55	2.192E-04	U5DYA	4.161E-04	U5EXA
2F	B137	G90X120	1.05	2.192E-04	U5DYA	3.561E-04	U5EXA
2F	B137	G90X120	1.55	2.192E-04	U5DYA	3.023E-04	U5DYB
2F	B137	G90X120	2.05	2.192E-04	U5DYA	3.023E-04	U5DYB
2F	B137	G90X120	2.55	2.192E-04	U5DYA	3.023E-04	U5DYB
2F	B137	G90X120	3.05	2.192E-04	U5DYA	3.023E-04	U5DYB
2F	B137	G90X120	3.55	2.192E-04	U5DYA	3.023E-04	U5DYB
2F	B137	G90X120	4.05	2.192E-04	U5DYA	3.514E-04	U5EXA
2F	B137	G90X120	4.55	2.192E-04	U5DYA	4.114E-04	U5EXA
2F	B138	G90X120	0.55	0.0	U7DYB	4.349E-04	U5EXA
2F	B138	G90X120	1.03	0.0	U7DYB	3.770E-04	U5EXA
2F	B138	G90X120	1.52	0.0	U7DYB	3.190E-04	U5EXA
2F	B138	G90X120	2.00	0.0	U7DYB	2.844E-04	U5DYB
2F	B138	G90X120	2.48	0.0	U7DYB	2.844E-04	U5DYB
2F	B138	G90X120	2.97	0.0	U7DYB	2.844E-04	U5DYB
2F	B138	G90X120	3.45	0.0	U7DYB	2.844E-04	U5DYB
2F	B138	G90X120	3.93	0.0	U7DYB	2.844E-04	U5DYB
2F	B138	G90X120	4.42	0.0	U7DYB	2.844E-04	U5DYB
2F	B138	G90X120	4.90	0.0	U7DYB	2.844E-04	U5DYB
2F	B138	G90X120	5.38	0.0	U7DYB	2.844E-04	U5DYB
2F	B138	G90X120	5.87	0.0	U7DYB	3.091E-04	U5EXA
2F	B138	G90X120	6.35	0.0	U7DYB	3.671E-04	U5EXA
2F	B139	G90X120	0.55	0.0	U7DYB	5.281E-04	U5DXB
2F	B139	G90X120	1.04	0.0	U7DYB	4.636E-04	U5DXB
2F	B139	G90X120	1.54	0.0	U7DYB	4.017E-04	U5DXA
2F	B139	G90X120	2.03	0.0	U7DYB	3.424E-04	U5DXA
2F	B139	G90X120	2.53	0.0	U7DYB	2.832E-04	U5DXA
2F	B139	G90X120	3.02	0.0	U7DYB	2.282E-04	U5DYB
2F	B139	G90X120	3.51	0.0	U7DYB	2.282E-04	U5DYB
2F	B139	G90X120	4.01	0.0	U7DYB	2.282E-04	U5DYB
2F	B139	G90X120	4.50	0.0	U7DYB	2.282E-04	U5DYB
2F	B139	G90X120	4.99	0.0	U7DYB	2.282E-04	U5DYB
2F	B139	G90X120	5.49	0.0	U7DYB	2.282E-04	U5DYB
2F	B139	G90X120	5.98	0.0	U7DYB	2.282E-04	U5DYB
2F	B139	G90X120	6.48	0.0	U7DYB	2.887E-04	U5DXA
2F	B139	G90X120	6.97	0.0	U7DYB	3.479E-04	U5DXA
2F	B139	G90X120	7.46	0.0	U7DYB	4.071E-04	U5DXA
2F	B139	G90X120	7.96	0.0	U7DYB	4.689E-04	U5DXB
2F	B139	G90X120	8.45	0.0	U7DYB	5.334E-04	U5DXB
2F	B140	G60X80	0.55	0.0	U7DYB	8.986E-04	U5EYB
2F	B140	G60X80	1.03	0.0	U7DYB	8.121E-04	U5EYB
2F	B140	G60X80	1.50	0.0	U7DYB	7.013E-04	U5DYB
2F	B140	G60X80	1.98	0.0	U7DYB	6.654E-04	U5DYB
2F	B140	G60X80	2.45	0.0	U7DYB	6.197E-04	U5DYB
2F	B140	G60X80	2.93	0.0	U7DYB	5.642E-04	U5DYB
2F	B140	G60X80	3.40	0.0	U7DYB	5.108E-04	U5DYB
2F	B140	G60X80	3.88	0.0	U7DYB	5.710E-04	U5DYB
2F	B140	G60X80	4.35	0.0	U7DYB	6.245E-04	U5DYB
2F	B140	G60X80	4.83	0.0	U7DYB	6.681E-04	U5DYB

2F	B140	G60X80	5.30	0.0	U7DYB	7.529E-04	U5EYB
2F	B140	G60X80	5.78	0.0	U7DYB	8.613E-04	U5EYB
2F	B140	G60X80	6.25	0.0	U7DYB	9.419E-04	U5EYB
2F	B141	G60X80	0.45	0.0	U7DYB	2.858E-04	U5DXA
2F	B141	G60X80	0.89	0.0	U7DYB	1.511E-04	U7DXA
2F	B141	G60X80	1.34	0.0	U7DYB	1.309E-04	U5DYB
2F	B141	G60X80	1.78	0.0	U7DYB	1.159E-04	U5DYB
2F	B141	G60X80	2.22	0.0	U7DYB	1.171E-04	U5DYB
2F	B141	G60X80	2.66	0.0	U7DYB	1.278E-04	U5DYB
2F	B141	G60X80	3.11	0.0	U7DYB	1.382E-04	U7DXA
2F	B141	G60X80	3.55	0.0	U7DYB	2.448E-04	U5DXA
2F	B141	G60X80	3.55	0.0	U7DYB	4.107E-04	U5DXB
2F	B141	G60X80	4.03	0.0	U7DYB	3.609E-04	U5DXB
2F	B141	G60X80	4.51	0.0	U7DYB	2.933E-04	U5DXB
2F	B141	G60X80	4.99	0.0	U7DYB	1.431E-04	U5DYB
2F	B141	G60X80	5.47	0.0	U7DYB	1.268E-04	U5DYB
2F	B141	G60X80	5.95	0.0	U7DYB	1.104E-04	U5DYB
2F	B141	G60X80	6.43	0.0	U7DYB	1.241E-04	U5DYB
2F	B141	G60X80	6.91	0.0	U7DYB	1.406E-04	U5DYB
2F	B141	G60X80	7.39	0.0	U7DYB	3.020E-04	U5DXB
2F	B141	G60X80	7.87	0.0	U7DYB	3.863E-04	U5DXB
2F	B141	G60X80	8.35	0.0	U7DYB	4.528E-04	U5DXB

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ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 1

SUMMARY OUTPUT DATA - UNIFORM REINFORCING PIER SECTIONS - CHECK (ACI 318-08/IBC 2009)

Story Label	Pier Label	Sta Loc	Edge Bar	End Bar	Edge Spacing	D/C Ratio	Pier Leg	Shear Av cm^2/m	B-Zone(L) Length	B-Zone(R) Length
RF	P1	Top	#7	#7	1.500E-01	0.2333	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.1782	Bot Leg 1	22.5	Not Needed	Not Needed
4F	P1	Top	#7	#7	1.500E-01	0.0974	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.1625	Bot Leg 1	22.5	Not Needed	Not Needed
3F	P1	Top	#7	#7	1.500E-01	0.1446	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.2334	Bot Leg 1	22.5	Not Needed	Not Needed
2F	P1	Top	#7	#7	1.500E-01	0.2307	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.3194	Bot Leg 1	22.5	Not Needed	Not Needed
4F	P7-1	Top	#7	#7	1.500E-01	0.0289	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.0955	Bot Leg 1	22.5	Not Needed	Not Needed
3F	P7-1	Top	#7	#7	1.500E-01	0.0922	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.1808	Bot Leg 1	22.5	Not Needed	Not Needed
2F	P7-1	Top	#7	#7	1.500E-01	0.1775	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.3405	Bot Leg 1	22.5	Not Needed	Not Needed
4F	P7-2	Top	#7	#7	1.500E-01	0.0303	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.0974	Bot Leg 1	22.5	Not Needed	Not Needed
3F	P7-2	Top	#7	#7	1.500E-01	0.0975	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.1862	Bot Leg 1	22.5	Not Needed	Not Needed
2F	P7-2	Top	#7	#7	1.500E-01	0.1814	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.3548	Bot Leg 1	22.5	Not Needed	Not Needed
RF	P9	Top	#7	#7	1.500E-01	0.1307	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.1807	Bot Leg 1	22.5	Not Needed	Not Needed
4F	P9	Top	#7	#7	1.500E-01	0.1437	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.1680	Bot Leg 1	22.5	Not Needed	Not Needed
3F	P9	Top	#7	#7	1.500E-01	0.1609	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.2497	Bot Leg 1	22.5	Not Needed	Not Needed
2F	P9	Top	#7	#7	1.500E-01	0.2584	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.3471	Bot Leg 1	22.5	Not Needed	Not Needed
1F	P9	Top	#7	#7	1.500E-01	0.3650	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.4120	Bot Leg 1	22.5	Not Needed	Not Needed
3F	P11	Top	#4	#4	1.500E-01	0.7613	Top Leg 1	7.5	Not Needed	Not Needed
		Bot	#4	#4	1.500E-01	0.1737	Bot Leg 1	7.5	Not Needed	Not Needed
2F	P11	Top	#4	#4	1.500E-01	0.1459	Top Leg 1	7.5	Not Needed	Not Needed
		Bot	#4	#4	1.500E-01	0.3953	Bot Leg 1	7.5	Not Needed	Not Needed
RF	PA	Top	#7	#7	1.500E-01	0.8823	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.4091	Bot Leg 1	22.5	Not Needed	Not Needed
4F	PA	Top	#7	#7	1.500E-01	0.1693	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.2312	Bot Leg 1	22.5	Not Needed	Not Needed

3F	PA	Top	#7	#7	1.500E-01	0.1160	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.2047	Bot Leg 1	22.5	Not Needed	Not Needed
2F	PA	Top	#7	#7	1.500E-01	0.1918	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.3656	Bot Leg 1	22.5	Not Needed	Not Needed
1F	PA	Top	#7	#7	1.500E-01	0.3039	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.3508	Bot Leg 1	22.5	Not Needed	Not Needed
RF	PC	Top	#7	#7	1.500E-01	0.8728	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.4267	Bot Leg 1	22.5	Not Needed	Not Needed
4F	PC	Top	#7	#7	1.500E-01	0.1754	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.2342	Bot Leg 1	22.5	Not Needed	Not Needed
3F	PC	Top	#7	#7	1.500E-01	0.1147	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.2034	Bot Leg 1	22.5	Not Needed	Not Needed
2F	PC	Top	#7	#7	1.500E-01	0.2009	Top Leg 1	22.5	Not Needed	Not Needed
		Bot	#7	#7	1.500E-01	0.4374	Bot Leg 1	22.5	Not Needed	Not Needed
3F	PA-W30	Top	#4	#4	1.500E-01	0.8461	Top Leg 1	7.5	Not Needed	Not Needed
		Bot	#4	#4	1.500E-01	0.1859	Bot Leg 1	7.5	Not Needed	Not Needed
2F	PA-W30	Top	#4	#4	1.500E-01	0.1595	Top Leg 1	7.5	Not Needed	Not Needed
		Bot	#4	#4	1.500E-01	0.4008	Bot Leg 1	7.5	Not Needed	Not Needed
3F	PC-W30	Top	#4	#4	1.500E-01	0.8205	Top Leg 1	7.5	Not Needed	Not Needed
		Bot	#4	#4	1.500E-01	0.1892	Bot Leg 1	7.5	Not Needed	Not Needed
2F	PC-W30	Top	#4	#4	1.500E-01	0.1999	Top Leg 1	7.5	Not Needed	Not Needed
		Bot	#4	#4	1.500E-01	0.4283	Bot Leg 1	7.5	Not Needed	Not Needed

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P1
Story Label: RF

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.700	90.000	Bottom	0.000	20.500	15.000
		Top	0.000	20.500	20.700

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover

#7 1.500E-01 #7 1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	36.90	3500.00	42000.00	42000.00	1.00
Bottom	C350	36.90	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.2333	U2	-1758.400	-48.208	-270.695
Bottom	0.1782	U7DXA	612.456	-795.931	519.830

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	0.00	0.00	0.00	41.00	41.00	9.000E-01
Bot Leg 1	0.00	0.00	0.00	41.00	41.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	391.207	5137.747	2843.415	2946.389	4806.149
Bot Leg 1	22.500	U5EYA	972.879	10723.094	2843.415	3016.190	4875.950

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5DXA	509.460	-409.840	196.587	15.432	0.0000
Top R L-1	Not Needed	U5DXA	509.460	63.027	196.587	14.056	0.0000
Bot L L-1	Not Needed	U5DYB	1143.394	-2049.156	735.568	39.113	0.0000
Bot R L-1	Not Needed	U5DXB	1169.448	498.518	132.632	33.669	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 3

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P1
Story Label: 4F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	90.000	Bottom	0.000	20.500	10.000
		Top	0.000	20.500	15.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	36.90	3500.00	42000.00	42000.00	1.00
Bottom	C350	36.90	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.0974	U7DXA	620.705	-534.017	143.101
Bottom	0.1625	U7DXA	998.104	870.052	692.811

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	0.00	0.00	0.00	41.00	41.00	9.000E-01
Bot Leg 1	0.00	0.00	0.00	41.00	41.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Capacity Pu	Capacity Mu	Capacity Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	1177.605	783.010	3093.627	3040.757	4900.517
Bot Leg 1	22.500	U5EYA	1687.843	15969.555	3093.627	3101.985	4961.745

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EXA	1496.609	-31.002	180.277	40.681	0.0000
Top R L-1	Not Needed	U5EXA	1496.609	121.902	180.277	41.042	0.0000
Bot L L-1	Not Needed	U5DYB	1985.573	-3077.778	794.077	66.016	0.0000
Bot R L-1	Not Needed	U5EXB	2051.981	670.720	128.678	58.269	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P1
Story Label: 3F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	90.000	Bottom	0.000	20.500	5.000
		Top	0.000	20.500	10.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	36.90	3500.00	42000.00	42000.00	1.00
Bottom	C350	36.90	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1446	U2	8885.960	-13.546	515.134
Bottom	0.2334	U2	14337.320	-39.623	1324.226

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	0.00	0.00	0.00	41.00	41.00	9.000E-01
Bot Leg 1	0.00	0.00	0.00	41.00	41.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	1864.121	6517.203	3278.039	3123.139	4982.899
Bot Leg 1	22.500	U5EYA	2374.359	22902.188	3278.039	3184.367	5044.127

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5DYB	2193.363	-1234.164	838.807	64.335	0.0000
Top R L-1	Not Needed	U5EXA	2454.256	255.932	182.951	67.526	0.0000
Bot L L-1	Not Needed	U5DYB	2795.128	-4433.624	838.807	93.332	0.0000
Bot R L-1	Not Needed	U5EXA	3006.738	1170.353	182.951	86.125	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 5

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P1
Story Label: 2F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	90.000	Bottom	0.000	20.500	0.000
		Top	0.000	20.500	5.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	36.90	3500.00	42000.00	42000.00	1.00
Bottom	C350	36.90	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.2307	U2	14174.189	-157.255	962.213
Bottom	0.3194	U2	19625.549	253.821	1767.617

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	0.00	0.00	0.00	41.00	41.00	9.000E-01
Bot Leg 1	0.00	0.00	0.00	41.00	41.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	2567.036	14337.431	3338.742	3207.488	5067.248
Bot Leg 1	22.500	U5EYA	3077.274	31031.685	3338.742	3268.717	5128.477

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5DYB	3022.029	-2741.481	851.254	92.770	0.0000
Top R L-1	Not Needed	U5EXA	3460.642	611.997	182.072	96.211	0.0000
Bot L L-1	Not Needed	U5DYB	3623.795	-6012.924	851.254	122.052	0.0000
Bot R L-1	Not Needed	U5EXA	4013.123	1522.017	182.072	114.793	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 6

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P7-1
Story Label: 4F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	90.000	Bottom	71.100	7.200	10.000
		Top	71.100	7.200	15.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Nonseismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	12.96	3500.00	42000.00	42000.00	1.00

Bottom	C350	12.96	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.0289	U5EYA	27.156	-7.782	-704.600
Bottom	0.0955	U2	2063.768	13.690	-2048.628

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	71.10	0.00	71.10	14.40	14.40	9.000E-01
Bot Leg 1	71.10	0.00	71.10	14.40	14.40	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	27.156	-294.646	340.719	1277.000	2093.480
Bot Leg 1	22.500	U5EYA	206.362	-848.140	340.719	1303.881	2120.361

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYA	100.598	-294.646	-36.856	17.235	0.0000
Top R L-1	Not Needed	U1	0.000	0.000	0.000	0.000	0.0000
Bot L L-1	Not Needed	U5EYA	294.640	-848.140	-36.856	50.002	0.0000
Bot R L-1	Not Needed	U1	0.000	0.000	0.000	0.000	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P7-1
Story Label: 3F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	90.000	Bottom	71.100	7.200	5.000
		Top	71.100	7.200	10.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	12.96	3500.00	42000.00	42000.00	1.00
Bottom	C350	12.96	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.0922	U2	1994.005	-9.831	-1586.936
Bottom	0.1808	U2	3908.629	11.259	-2798.640

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	71.10	0.00	71.10	14.40	14.40	9.000E-01
Bot Leg 1	71.10	0.00	71.10	14.40	14.40	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	89.723	-974.901	476.706	1029.108	1682.292
Bot Leg 1	22.500	U5EYA	268.929	-932.717	476.706	1050.613	1703.797

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYA	307.690	-974.901	8.443	55.085	0.0000
Top R L-1	Not Needed	U1	0.000	0.000	0.000	0.000	0.0000
Bot L L-1	Not Needed	U5EYA	501.732	-932.717	8.443	68.701	0.0000
Bot R L-1	Not Needed	U1	0.000	0.000	0.000	0.000	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 8

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P7-1
Story Label: 2F

Location Data

Pier	Axis	Station	Xc	Yc	Zc

Height	Angle	Location	Ordinate	Ordinate	Ordinate
5.000	90.000	Bottom	71.100	7.200	0.000
		Top	71.100	7.200	5.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	12.96	3500.00	42000.00	42000.00	1.00
Bottom	C350	12.96	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1775	U2	3837.827	2.736	-2310.289
Bottom	0.3405	U7DXA	335.753	438.870	-2422.103

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	71.10	0.00	71.10	14.40	14.40	9.000E-01
Bot Leg 1	71.10	0.00	71.10	14.40	14.40	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	113.110	-1094.309	505.866	1031.914	1685.098
Bot Leg 1	22.500	U5EYA	292.316	-870.112	505.866	1053.419	1706.603

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYA	519.416	-1094.309	44.841	75.261	0.0000
Top R L-1	Not Needed	U1	0.000	0.000	0.000	0.000	0.0000

Bot L L-1	Not Needed	U5EYA	713.458	-870.112	44.841	83.025	0.0000
Bot R L-1	Not Needed	U7EYA	589.894	57.739	116.482	47.373	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 9

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P7-2
Story Label: 4F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	90.000	Bottom	71.100	33.800	10.000
		Top	71.100	33.800	15.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	12.96	3500.00	42000.00	42000.00	1.00
Bottom	C350	12.96	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.0303	U2	190.406	-26.821	1391.909
Bottom	0.0974	U2	2105.030	26.773	2386.178

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	71.10	26.60	71.10	41.00	14.40	9.000E-01
Bot Leg 1	71.10	26.60	71.10	41.00	14.40	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	38.205	705.499	351.492	1022.926	1676.110
Bot Leg 1	22.500	U5EYA	217.411	2176.777	351.492	1044.431	1697.615

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U1	0.000	0.000	0.000	0.000	0.0000
Top R L-1	Not Needed	U5EYA	100.309	705.499	351.492	30.422	0.0000
Bot L L-1	Not Needed	U1	0.000	0.000	0.000	0.000	0.0000
Bot R L-1	Not Needed	U5EYB	297.786	1900.842	267.262	84.090	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P7-2
Story Label: 3F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	90.000	Bottom	71.100	33.800	5.000
		Top	71.100	33.800	10.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	12.96	3500.00	42000.00	42000.00	1.00
Bottom	C350	12.96	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.0975	U2	2105.774	-17.203	2433.696

Bottom	0.1862	U2	4020.398	20.285	3718.226

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	71.10	26.60	71.10	41.00	14.40	9.000E-01
Bot Leg 1	71.10	26.60	71.10	41.00	14.40	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	118.112	1505.538	495.917	1032.515	1685.699
Bot Leg 1	22.500	U5EYA	297.317	3985.227	495.917	1054.019	1707.203

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U1	0.000	0.000	0.000	0.000	0.0000
Top R L-1	Not Needed	U5EYA	313.570	1505.538	495.917	72.599	0.0000
Bot L L-1	Not Needed	U1	0.000	0.000	0.000	0.000	0.0000
Bot R L-1	Not Needed	U5EYA	507.613	3985.227	495.917	167.294	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P7-2
Story Label: 2F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	90.000	Bottom	71.100	33.800	0.000
		Top	71.100	33.800	5.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	12.96	3500.00	42000.00	42000.00	1.00
Bottom	C350	12.96	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1814	U2	3922.202	-11.174	3034.355
Bottom	0.3548	U5DXA	446.693	442.040	3766.441

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	71.10	26.60	71.10	41.00	14.40	9.000E-01
Bot Leg 1	71.10	26.60	71.10	41.00	14.40	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	127.675	2780.212	522.262	1033.662	1686.846
Bot Leg 1	22.500	U5EYA	306.881	5391.590	522.262	1055.167	1708.351

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U1	0.000	0.000	0.000	0.000	0.0000
Top R L-1	Not Needed	U5EYA	513.196	2780.212	522.262	128.983	0.0000
Bot L L-1	Not Needed	U1	0.000	0.000	0.000	0.000	0.0000
Bot R L-1	Not Needed	U5EYA	707.238	5391.590	522.262	227.912	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P9
Story Label: RF

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.700	90.000	Bottom	87.000	20.500	15.000
		Top	87.000	20.500	20.700

Flags and Factors

Design	RLLF	RLLF	Design

Active	Source	Factor	Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	36.90	3500.00	42000.00	42000.00	1.00
Bottom	C350	36.90	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1307	U2	-549.862	197.363	198.966
Bottom	0.1807	U7DXA	695.809	834.335	411.185

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	87.00	0.00	87.00	41.00	41.00	9.000E-01
Bot Leg 1	87.00	0.00	87.00	41.00	41.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	474.681	4880.587	2591.619	2956.406	4816.166
Bot Leg 1	22.500	U5EYA	1056.352	9747.051	2591.619	3026.206	4885.966

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EXA	580.979	-270.656	126.656	16.818	0.0000
Top R L-1	Not Needed	U5EXA	580.979	125.744	126.656	16.243	0.0000
Bot L L-1	Not Needed	U5EYB	1241.999	-2686.711	811.746	44.314	0.0000
Bot R L-1	Not Needed	U5EXB	1260.934	278.086	72.257	35.275	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P9
Story Label: 4F

Location Data

Pier	Axis	Station	Xc	Yc	Zc
Height	Angle	Location	Ordinate	Ordinate	Ordinate
5.000	90.000	Bottom	87.000	20.500	10.000
		Top	87.000	20.500	15.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	36.90	3500.00	42000.00	42000.00	1.00
Bottom	C350	36.90	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1437	U7DXA	690.157	712.164	185.754
Bottom	0.1680	U2	10320.197	-67.405	7.354

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	87.00	0.00	87.00	41.00	41.00	9.000E-01
Bot Leg 1	87.00	0.00	87.00	41.00	41.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	1185.639	301.938	2834.390	3041.721	4901.481
Bot Leg 1	22.500	U5EYA	1695.878	14040.607	2834.390	3102.949	4962.709

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EXA	1511.951	-20.059	128.826	41.054	0.0000
Top R L-1	Not Needed	U5EXA	1511.951	183.861	128.826	41.703	0.0000
Bot L L-1	Not Needed	U5EYB	2009.285	-3810.367	886.480	69.564	0.0000
Bot R L-1	Not Needed	U5EXB	2070.983	436.324	74.811	57.855	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 14

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P9
Story Label: 3F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	90.000	Bottom	87.000	20.500	5.000
		Top	87.000	20.500	10.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	36.90	3500.00	42000.00	42000.00	1.00
Bottom	C350	36.90	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1609	U2	9886.570	-185.401	927.314
Bottom	0.2497	U2	15337.930	285.390	102.115

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	87.00	0.00	87.00	41.00	41.00	9.000E-01

Bot Leg 1	87.00	0.00	87.00	41.00	41.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	phi Vn
Top Leg 1	22.500	U5EYA	1952.260	4348.692	2379.417	3133.715	4993.475
Bot Leg 1	22.500	U5EYA	2462.499	16215.380	2379.417	3194.944	5054.704

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYB	2321.002	-965.569	730.443	66.729	0.0000
Top R L-1	Not Needed	U5EXA	2458.395	475.765	87.720	68.510	0.0000
Bot L L-1	Not Needed	U5DXA	2924.303	-58.807	111.167	79.483	0.0000
Bot R L-1	Not Needed	U5EXB	3013.062	518.858	42.934	83.713	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 15

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P9
Story Label: 2F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	90.000	Bottom	87.000	20.500	0.000
		Top	87.000	20.500	5.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	36.90	3500.00	42000.00	42000.00	1.00
Bottom	C350	36.90	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.2584	U2	15872.983	76.127	12787.378
Bottom	0.3471	U2	21324.343	-92.304	12167.834

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	87.00	0.00	87.00	41.00	41.00	9.000E-01
Bot Leg 1	87.00	0.00	87.00	41.00	41.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	2874.990	12887.756	2217.450	3244.443	5104.203
Bot Leg 1	22.500	U5EYA	3385.228	23973.472	2217.450	3305.671	5165.431

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYB	3550.138	-2.032	675.746	96.218	0.0000
Top R L-1	Not Needed	U5EXA	3625.788	3607.942	89.851	112.569	0.0000
Bot L L-1	Not Needed	U5EYB	4151.903	-3233.931	675.746	125.343	0.0000
Bot R L-1	Not Needed	U5EXB	4226.115	3815.340	37.466	129.660	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 16

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P9
Story Label: 1F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
2.650	90.000	Bottom	87.000	20.500	2.650
		Top	87.000	20.500	0.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover

#7 1.500E-01 #7 1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	36.90	3500.00	42000.00	42000.00	1.00
Bottom	C350	36.90	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.3650	U2	22421.812	56.675	17925.604
Bottom	0.4120	U2	25311.033	-327.742	17674.299

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	87.00	0.00	87.00	41.00	41.00	9.000E-01
Bot Leg 1	87.00	0.00	87.00	41.00	41.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EYA	3425.490	21448.911	2176.792	3310.503	5170.263
Bot Leg 1	22.500	U5EYA	3695.916	27217.524	2176.792	3342.954	5202.714

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYB	4313.599	-2318.378	666.109	126.094	0.0000
Top R L-1	Not Needed	U5EXB	4374.597	4331.934	40.943	135.733	0.0000
Bot L L-1	Not Needed	U5EYB	4632.535	-3985.388	666.109	141.349	0.0000
Bot R L-1	Not Needed	U5EXB	4693.533	4366.574	40.943	144.513	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P11
Story Label: 3F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	90.000	Bottom	102.500	20.500	5.000
		Top	102.500	20.500	10.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#4	1.500E-01	#4	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	12.30	3500.00	42000.00	42000.00	1.00
Bottom	C350	12.30	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.7613	U2	-1548.018	57.416	-686.503
Bottom	0.1737	U2	3549.102	-55.798	-61.714

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	102.50	0.00	102.50	41.00	41.00	3.000E-01
Bot Leg 1	102.50	0.00	102.50	41.00	41.00	3.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	7.500	U5EYA	310.806	820.186	865.414	1003.778	1623.698
Bot Leg 1	7.500	U5EYA	480.886	2668.457	865.414	1024.188	1644.108

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5DXB	368.229	-343.293	56.992	34.022	0.0000
Top R L-1	Not Needed	U5DYA	334.836	543.342	677.848	33.687	0.0000
Bot L L-1	Not Needed	U5DXB	568.818	-149.921	56.992	48.029	0.0000
Bot R L-1	Not Needed	U5DYB	560.807	475.175	235.657	51.248	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : P11
Story Label: 2F

Location Data

Pier	Axis	Station	Xc	Yc	Zc
Height	Angle	Location	Ordinate	Ordinate	Ordinate
5.000	90.000	Bottom	102.500	20.500	0.000
		Top	102.500	20.500	5.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#4	1.500E-01	#4	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	12.30	3500.00	42000.00	42000.00	1.00
Bottom	C350	12.30	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1459	U2	2980.179	59.984	-359.589
Bottom	0.3953	U2	8077.299	-43.047	-12.514

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	102.50	0.00	102.50	41.00	41.00	3.000E-01
Bot Leg 1	102.50	0.00	102.50	41.00	41.00	3.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	7.500	U5EYA	833.741	-184.043	1200.672	1066.530	1686.450

Bot Leg 1	7.500	U5EYA	1003.820	5700.995	1200.672	1086.940	1706.860

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5DXA	997.495	-667.448	187.479	89.038	0.0000
Top R L-1	Not Needed	U5DXA	997.495	13.834	187.479	81.262	0.0000
Bot L L-1	Not Needed	U5DXB	1189.711	-255.576	89.327	99.765	0.0000
Bot R L-1	Not Needed	U5DXB	1189.711	26.065	89.327	97.035	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : PA
Story Label: RF

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.700	0.000	Bottom	43.500	0.000	15.000
		Top	43.500	0.000	20.700

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	78.30	3500.00	42000.00	42000.00	1.00
Bottom	C350	78.30	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.8823	U2	-6745.505	3216.332	6853.541
Bottom	0.4091	U5DYA	3068.482	3917.002	1925.557

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	0.00	0.00	87.00	0.00	87.00	9.000E-01
Bot Leg 1	0.00	0.00	87.00	0.00	87.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EXA	1968.144	4784.388	2461.099	6388.656	10334.976
Bot Leg 1	22.500	U5EXA	3202.424	10400.320	2461.099	6536.770	10483.090

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5DXB	2296.714	-565.841	637.855	29.831	0.0000
Top R L-1	Not Needed	U5EYB	2344.640	877.568	113.591	30.717	0.0000
Bot L L-1	Not Needed	U5DXB	3752.399	-1712.450	637.855	49.432	0.0000
Bot R L-1	Not Needed	U5EYB	3800.325	1052.957	113.591	49.463	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 20

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : PA
Story Label: 4F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	0.000	Bottom	43.500	0.000	10.000
		Top	43.500	0.000	15.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor

Top	C350	78.30	3500.00	42000.00	42000.00	1.00
Bottom	C350	78.30	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1693	U7DYA	1953.348	1841.667	1876.059
Bottom	0.2312	U7DYA	2754.169	2557.824	1081.888

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	0.00	0.00	87.00	0.00	87.00	9.000E-01
Bot Leg 1	0.00	0.00	87.00	0.00	87.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EXA	3558.994	1770.556	2981.180	6579.558	10525.878
Bot Leg 1	22.500	U5EXA	4641.695	15943.805	2981.180	6709.482	10655.802

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYA	4381.385	-1294.409	265.753	57.096	0.0000
Top R L-1	Not Needed	U5EYA	4381.385	2362.357	265.753	58.037	0.0000
Bot L L-1	Not Needed	U5DYA	5422.257	-232.896	368.904	69.455	0.0000
Bot R L-1	Not Needed	U5EYB	5580.833	943.415	109.142	72.106	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : PA
Story Label: 3F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	0.000	Bottom	43.500	0.000	5.000
		Top	43.500	0.000	10.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	78.30	3500.00	42000.00	42000.00	1.00
Bottom	C350	78.30	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1160	U2	15111.688	462.514	12210.671
Bottom	0.2047	U2	26679.208	-345.712	11491.539

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	0.00	0.00	87.00	0.00	87.00	9.000E-01
Bot Leg 1	0.00	0.00	87.00	0.00	87.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EXA	4855.308	6279.585	3333.746	6735.116	10681.436
Bot Leg 1	22.500	U5EXA	5938.009	22058.133	3333.746	6865.040	10811.360

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYA	6134.334	-751.035	239.939	79.005	0.0000
Top R L-1	Not Needed	U5EYA	6134.334	3258.789	239.939	81.214	0.0000
Bot L L-1	Not Needed	U5EYA	7306.673	-518.671	239.939	93.773	0.0000
Bot R L-1	Not Needed	U5EYA	7306.673	2915.449	239.939	95.884	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : PA
Story Label: 2F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	0.000	Bottom	43.500	0.000	0.000
		Top	43.500	0.000	5.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	78.30	3500.00	42000.00	42000.00	1.00
Bottom	C350	78.30	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1918	U2	24988.330	-119.811	13351.043
Bottom	0.3656	U7DYA	4213.796	-3981.347	3412.872

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	0.00	0.00	87.00	0.00	87.00	9.000E-01
Bot Leg 1	0.00	0.00	87.00	0.00	87.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EXA	6160.079	11852.053	3497.894	6891.688	10838.008
Bot Leg 1	22.500	U5EXA	7242.780	27991.489	3497.894	7021.612	10967.932

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5DYA	7572.135	-331.697	295.726	96.999	0.0000

Top R L-1	Not Needed		U5EYA	7870.394	5266.548	271.313	105.155	0.0000
Bot L L-1	Not Needed		U5EYA	9042.733	-315.926	271.313	115.767	0.0000
Bot R L-1	Not Needed		U5EYA	9042.733	5125.804	271.313	120.003	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : PA
Story Label: 1F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
2.650	0.000	Bottom	82.500	0.000	2.650
		Top	82.500	0.000	0.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	8.10	3500.00	42000.00	42000.00	1.00
Bottom	C350	8.10	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.3039	U2	4113.842	40.587	1426.805
Bottom	0.3508	U2	4748.062	-73.006	2038.135

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	78.00	0.00	87.00	0.00	9.00	9.000E-01
Bot Leg 1	78.00	0.00	87.00	0.00	9.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	phi Vn
Top Leg 1	22.500	U5DXA	453.732	477.499	359.431	690.911	1099.151
Bot Leg 1	22.500	U5DXA	513.094	929.819	359.431	698.035	1106.275

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth	
Top L L-1	Not Needed	U5EYA	1073.322	-269.390	58.414	154.681	0.0000	
Top R L-1	Not Needed	U5EYA	1073.322	710.034	58.414	190.948	0.0000	
Bot L L-1	Not Needed	U5EYA	1137.598	-130.385	58.414	151.175	0.0000	
Bot R L-1	Not Needed	U5EYA	1137.598	747.798	58.414	201.991	0.0000	

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : PC
Story Label: RF

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.700	0.000	Bottom	43.500	41.000	15.000
		Top	43.500	41.000	20.700

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	78.30	3500.00	42000.00	42000.00	1.00
Bottom	C350	78.30	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u

Top	0.8728	U2	-6758.875	-3153.576	6172.535
Bottom	0.4267	U5DYA	3062.653	-4046.265	1223.063

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	0.00	41.00	87.00	41.00	87.00	9.000E-01
Bot Leg 1	0.00	41.00	87.00	41.00	87.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	phi Vn
Top Leg 1	22.500	U5EXA	1957.471	4755.435	2427.987	6387.375	10333.695
Bot Leg 1	22.500	U5EXA	3191.750	9207.404	2427.987	6535.489	10481.809

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5DXB	2286.846	-799.837	533.905	29.911	0.0000
Top R L-1	Not Needed	U5EYB	2333.995	676.063	17.945	30.404	0.0000
Bot L L-1	Not Needed	U5EYB	3789.680	-200.484	17.945	48.576	0.0000
Bot R L-1	Not Needed	U5EYB	3789.680	303.605	17.945	48.667	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 25

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : PC
Story Label: 4F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	0.000	Bottom	43.500	41.000	10.000
		Top	43.500	41.000	15.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	78.30	3500.00	42000.00	42000.00	1.00
Bottom	C350	78.30	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1754	U7DYA	1962.264	-1881.610	-2557.249
Bottom	0.2342	U7DYA	2763.085	-2573.718	-1996.855

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	0.00	41.00	87.00	41.00	87.00	9.000E-01
Bot Leg 1	0.00	41.00	87.00	41.00	87.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EXA	3556.834	-95.863	2952.977	6579.299	10525.619
Bot Leg 1	22.500	U5EXA	4639.535	13320.102	2952.977	6709.223	10655.543

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYA	4366.799	-1770.171	171.871	57.329	0.0000
Top R L-1	Not Needed	U5EYA	4366.799	541.101	171.871	56.247	0.0000
Bot L L-1	Not Needed	U5EYB	5576.938	-663.417	16.448	71.810	0.0000
Bot R L-1	Not Needed	U5DXB	5418.522	2808.395	675.519	71.676	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 26

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : PC
Story Label: 3F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	0.000	Bottom	43.500	41.000	5.000
		Top	43.500	41.000	10.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	78.30	3500.00	42000.00	42000.00	1.00
Bottom	C350	78.30	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1147	U2	14940.051	-465.154	-790.152
Bottom	0.2034	U2	26507.571	368.050	-3868.337

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	0.00	41.00	87.00	41.00	87.00	9.000E-01
Bot Leg 1	0.00	41.00	87.00	41.00	87.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	phi Vn
Top Leg 1	22.500	U5EXA	4821.571	1872.636	3408.206	6731.067	10677.387
Bot Leg 1	22.500	U5EXA	5904.272	17001.268	3408.206	6860.991	10807.311

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYA	6090.845	-3367.578	126.316	80.755	0.0000
Top R L-1	Not Needed	U5EYA	6090.845	338.099	126.316	78.086	0.0000
Bot L L-1	Not Needed	U5EYA	7263.184	-1371.491	126.316	93.969	0.0000
Bot R L-1	Not Needed	U5EXB	6946.667	3923.255	889.572	92.174	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : PC

Story Label: 2F

Location Data

Pier	Axis	Station	Xc	Yc	Zc
Height	Angle	Location	Ordinate	Ordinate	Ordinate
5.000	0.000	Bottom	39.000	41.000	0.000
		Top	39.000	41.000	5.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#7	1.500E-01	#7	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	70.20	3500.00	42000.00	42000.00	1.00
Bottom	C350	70.20	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.2009	U2	23472.220	117.328	46586.512
Bottom	0.4374	U7DYA	4085.964	4023.701	13131.634

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	0.00	41.00	78.00	41.00	78.00	9.000E-01
Bot Leg 1	0.00	41.00	78.00	41.00	78.00	9.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	22.500	U5EXA	5799.588	19426.813	3407.603	6211.966	9750.046
Bot Leg 1	22.500	U5EXA	6770.285	34261.334	3407.603	6328.450	9866.530

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U1	0.000	0.000	0.000	0.000	0.0000
Top R L-1	Not Needed	U5EYA	7311.325	19430.172	187.679	125.441	0.0000
Bot L L-1	Not Needed	U5EXA	7458.850	-9089.526	3128.057	116.211	0.0000
Bot R L-1	Not Needed	U5EYA	8362.388	17093.345	187.679	137.853	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 28

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : PA-W30
Story Label: 3F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	0.000	Bottom	94.750	0.000	5.000
		Top	94.750	0.000	10.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#4	1.500E-01	#4	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	4.65	3500.00	42000.00	42000.00	1.00
Bottom	C350	4.65	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.8461	U2	-491.579	15.370	-2027.199
Bottom	0.1859	U2	1435.381	-17.221	-289.917

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness

Top Leg 1	87.00	0.00	102.50	0.00	15.50	3.000E-01
Bot Leg 1	87.00	0.00	102.50	0.00	15.50	3.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	phi Vn
Top Leg 1	7.500	U2	-491.579	-2027.199	347.463	382.985	675.935
Bot Leg 1	7.500	U2	1435.381	-289.917	347.463	672.029	964.979

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYA	209.398	-46.444	155.874	48.898	0.0000
Top R L-1	Not Needed	U7EYA	171.167	76.185	130.945	43.152	0.0000
Bot L L-1	Not Needed	U5EYA	279.020	-91.612	155.874	67.631	0.0000
Bot R L-1	Not Needed	U5EYA	279.020	5.845	155.874	60.491	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 29

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : PA-W30
Story Label: 2F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	0.000	Bottom	94.750	0.000	0.000
		Top	94.750	0.000	5.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#4	1.500E-01	#4	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	4.65	3500.00	42000.00	42000.00	1.00
Bottom	C350	4.65	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1595	U2	1168.832	12.084	-1552.454
Bottom	0.4008	U2	3095.792	-5.278	1639.842

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	87.00	0.00	102.50	0.00	15.50	3.000E-01
Bot Leg 1	87.00	0.00	102.50	0.00	15.50	3.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	7.500	U2	1168.832	-1552.454	638.489	632.046	924.996
Bot Leg 1	7.500	U2	3095.792	1639.842	638.489	921.090	1214.040

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYA	530.131	-82.837	178.900	120.903	0.0000
Top R L-1	Not Needed	U5EXA	422.816	292.184	353.851	115.252	0.0000
Bot L L-1	Not Needed	U5EYA	599.753	-193.932	178.900	145.123	0.0000
Bot R L-1	Not Needed	U5EYA	599.753	276.164	178.900	151.969	0.0000

ETABS v9.7.3 File:1201 Units:Ton-m December 7, 2023 10:39 PAGE 30

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : PC-W30
Story Label: 3F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	0.000	Bottom	94.750	41.000	5.000
		Top	94.750	41.000	10.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge	Edge	End/Corner	Clear

Bar	Spacing	Bar	Cover
#4	1.500E-01	#4	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	4.65	3500.00	42000.00	42000.00	1.00
Bottom	C350	4.65	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.8205	U2	-465.993	-14.455	-2086.418
Bottom	0.1892	U2	1460.967	14.460	171.525

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	87.00	41.00	102.50	41.00	15.50	3.000E-01
Bot Leg 1	87.00	41.00	102.50	41.00	15.50	3.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	phi Vn
Top Leg 1	7.500	U2	-465.993	-2086.418	451.612	386.822	679.772
Bot Leg 1	7.500	U2	1460.967	171.525	451.612	675.866	968.816

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYA	224.453	-63.618	202.227	53.565	0.0000
Top R L-1	Not Needed	U7EYA	179.657	70.689	166.149	44.521	0.0000
Bot L L-1	Not Needed	U5EYA	294.074	-43.677	202.227	66.878	0.0000
Bot R L-1	Not Needed	U5EYA	294.074	208.997	202.227	80.640	0.0000

DETAILED OUTPUT DATA - UNIFORM REINFORCING PIER SECTION - CHECK (ACI 318-08/IBC 2009)

Pier Label : PC-W30
Story Label: 2F

Location Data

Pier Height	Axis Angle	Station Location	Xc Ordinate	Yc Ordinate	Zc Ordinate
5.000	0.000	Bottom	94.750	41.000	0.000

Top	94.750	41.000	5.000

Flags and Factors

Design Active	RLLF Source	RLLF Factor	Design Type
Yes	Prog Calc	1.000	Seismic

Uniform Reinforcing Data

Edge Bar	Edge Spacing	End/Corner Bar	Clear Cover
#4	1.500E-01	#4	1.000E-01

Pier Material and Geometry Data

Station Location	Pier Material	Pier Ag	Pier f'c	Pier fy	Pier fys	Pier LtWt Factor
Top	C350	4.65	3500.00	42000.00	42000.00	1.00
Bottom	C350	4.65	3500.00	42000.00	42000.00	1.00

Flexural Check Data

Station Location	D/C Ratio	Flexural Combo	Pu	M2u	M3u
Top	0.1999	U2	1381.164	-8.820	-2607.087
Bottom	0.4283	U2	3308.124	4.075	1115.530

Pier Leg Location, Length and Thickness (Used for Shear Design and Boundary Check)

Station Location	X1	Y1	X2	Y2	Length	Thickness
Top Leg 1	87.00	41.00	102.50	41.00	15.50	3.000E-01
Bot Leg 1	87.00	41.00	102.50	41.00	15.50	3.000E-01

Shear Design Data

Station Location	Rebar cm^2/m	Shear Combo	Pu	Mu	Capacity Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	7.500	U2	1381.164	-2607.087	744.588	663.896	956.846
Bot Leg 1	7.500	U2	3308.124	1115.530	744.588	952.940	1245.890

Boundary Element Check Data

Station Location	B-Zone Length	B-Zone Combo	Design Pu	Design Mu	Design Vu	Comp Stress	N. Axis Depth
Top L L-1	Not Needed	U5EYA	610.589	-201.437	202.885	148.078	0.0000
Top R L-1	Not Needed	U5EXA	468.953	210.335	432.659	118.360	0.0000
Bot L L-1	Not Needed	U5EYA	680.211	-250.025	202.885	167.096	0.0000
Bot R L-1	Not Needed	U5EYA	680.211	8.718	202.885	147.008	0.0000

2.空構架之模型

(1) 柱桿件

ETABS v9.7.3 File:1204_EMP Units:Ton-cm December 7, 2023 8:35 PAGE 1

C O N C R E T E C O L U M N C H E C K O U T P U T (ACI 318-08/IBC 2009)

BIAXIAL P-M INTERACTION CAPACITY CHECK AND SHEAR DESIGN OF COLUMN-TYPE ELEMENTS

STORY ID	COLUMN LINE	SECTION ID	STATION ID	INTERACTION RATIO	COMBO ID	SHEAR22 REBAR	COMBO ID	SHEAR33 REBAR	COMBO ID
RF	C1C1-120X120	0.00	0.499	U5EYA	0.36	U7EYA	0.00	U7DYB	
RF	C1C1-120X120	225.00	0.087	U5DYA	0.36	U7EYA	0.00	U7DYB	
RF	C1C1-120X120	450.00	0.588	U5EYA	0.36	U7EYA	0.00	U7DYB	
4F	C1C1-120X120	0.00	0.434	U5EYA	0.61	U7DYA	0.11	U7EXA	
4F	C1C1-120X120	175.00	0.146	U5EXA	0.61	U7DYA	0.11	U7EXA	
4F	C1C1-120X120	350.00	0.427	U5EYA	0.61	U7DYA	0.11	U7EXA	
3F	C1C1-120X120	0.00	0.549	U5EYA	0.32	U5EYA	0.00	U7DYB	
3F	C1C1-120X120	175.00	0.227	U5EXA	0.32	U5EYA	0.00	U7DYB	
3F	C1C1-120X120	350.00	0.447	U5EYA	0.32	U5EYA	0.00	U7DYB	
2F	C1C1-120X120	0.00	0.712	U5EYA	0.27	U5EYA	0.00	U7DYB	
2F	C1C1-120X120	175.00	0.431	U5EYA	0.27	U5EYA	0.00	U7DYB	
2F	C1C1-120X120	350.00	0.372	U5EXA	0.27	U5EYA	0.00	U7DYB	
RF	C2C2-110X120	0.00	0.212	U5DYA	0.22	U5EXB	0.16	U7EXA	
RF	C2C2-110X120	225.00	0.295	U5EYA	0.22	U5EYB	0.16	U7EXA	
RF	C2C2-110X120	450.00	0.498	U5DYA	0.22	U5EYA	0.16	U7EXA	
4F	C2C2-110X120	0.00	0.211	U5EXA	0.07	U7EYA	0.10	U7DYA	
4F	C2C2-110X120	190.00	0.155	U5DYA	0.07	U7EYA	0.19	U7EXA	
4F	C2C2-110X120	380.00	0.242	U5EXA	0.07	U7EYA	0.19	U7EXA	
3F	C2C2-110X120	0.00	0.281	U5DYA	0.00	U7DYB	0.00	U7DYB	
3F	C2C2-110X120	190.00	0.212	U5EYA	0.00	U7DYB	0.00	U7DYB	
3F	C2C2-110X120	380.00	0.248	U5EXA	0.00	U7DYB	0.00	U7DYB	
2F	C2C2-110X120	0.00	0.548	U5EYA	0.00	U7DYB	0.00	U7DYB	
2F	C2C2-110X120	190.00	0.432	U5EYA	0.00	U7DYB	0.00	U7DYB	
2F	C2C2-110X120	380.00	0.336	U5EYA	0.00	U7DYB	0.00	U7DYB	
RF	C3C2-110X120	0.00	0.273	U5DYA	0.22	U5EYA	0.17	U5EXA	
RF	C3C2-110X120	225.00	0.335	U5EYA	0.21	U5EYA	0.17	U5EXA	
RF	C3C2-110X120	450.00	0.522	U5EYA	0.21	U5EYA	0.17	U5EXA	
4F	C3C2-110X120	0.00	0.241	U5EXA	0.08	U7EYA	0.10	U7DYA	
4F	C3C2-110X120	190.00	0.209	U5DYA	0.08	U7EYA	0.20	U7EXA	
4F	C3C2-110X120	380.00	0.277	U5DYA	0.08	U7EYA	0.20	U7EXA	
3F	C3C2-110X120	0.00	0.310	U5EYA	0.00	U7DYB	0.00	U7DYB	
3F	C3C2-110X120	190.00	0.243	U5EYA	0.00	U7DYB	0.00	U7DYB	
3F	C3C2-110X120	380.00	0.265	U5EXA	0.00	U7DYB	0.00	U7DYB	
2F	C3C2-110X120	0.00	0.593	U5EYA	0.00	U7DYB	0.00	U7DYB	
2F	C3C2-110X120	190.00	0.479	U5EYA	0.00	U7DYB	0.00	U7DYB	
2F	C3C2-110X120	380.00	0.375	U5EYA	0.00	U7DYB	0.00	U7DYB	
RF	C4C2-110X120	0.00	0.318	U5DYA	0.22	U5EYA	0.17	U5EXA	
RF	C4C2-110X120	225.00	0.348	U5EYA	0.22	U5EYA	0.17	U5EXA	
RF	C4C2-110X120	450.00	0.472	U5DYA	0.22	U5EYA	0.17	U5EXA	

4F	C4C2-110X120	0.00	0.220 U5EXA	0.08 U7EYA	0.20 U7EXA
4F	C4C2-110X120	190.00	0.204 U5DYA	0.08 U7EYA	0.20 U7EXA
4F	C4C2-110X120	380.00	0.298 U5DYA	0.08 U7EYA	0.20 U7EXA
3F	C4C2-110X120	0.00	0.285 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C4C2-110X120	190.00	0.216 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C4C2-110X120	380.00	0.242 U5EXA	0.00 U7DYB	0.00 U7DYB
2F	C4C2-110X120	0.00	0.585 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C4C2-110X120	190.00	0.474 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C4C2-110X120	380.00	0.364 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C5C2-110X120	0.00	0.330 U5DYA	0.22 U5EYA	0.17 U5EXA
RF	C5C2-110X120	225.00	0.349 U5EYA	0.22 U5EYA	0.17 U5EXA
RF	C5C2-110X120	450.00	0.466 U5DYA	0.21 U5EYA	0.17 U5EXA
4F	C5C2-110X120	0.00	0.236 U5EXA	0.08 U7EYA	0.20 U7EXA
4F	C5C2-110X120	190.00	0.215 U5DYA	0.08 U7EYA	0.20 U7EXA
4F	C5C2-110X120	380.00	0.313 U5DYA	0.08 U7EYA	0.20 U7EXA
3F	C5C2-110X120	0.00	0.283 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C5C2-110X120	190.00	0.209 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C5C2-110X120	380.00	0.248 U5EXA	0.00 U7DYB	0.00 U7DYB
2F	C5C2-110X120	0.00	0.585 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C5C2-110X120	190.00	0.472 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C5C2-110X120	380.00	0.362 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C6C2-110X120	0.00	0.332 U5DYA	0.22 U5EYA	0.18 U5EXA
RF	C6C2-110X120	225.00	0.348 U5EYA	0.22 U5EYA	0.18 U5EXA
RF	C6C2-110X120	450.00	0.465 U5DYA	0.21 U5EYA	0.18 U5EXA
4F	C6C2-110X120	0.00	0.239 U5EXA	0.08 U7EYA	0.20 U7EXA
4F	C6C2-110X120	190.00	0.220 U5DYA	0.08 U7EYA	0.20 U7EXA
4F	C6C2-110X120	380.00	0.315 U5DYA	0.08 U7EYA	0.20 U7EXA
3F	C6C2-110X120	0.00	0.280 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C6C2-110X120	190.00	0.207 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C6C2-110X120	380.00	0.249 U5EXA	0.00 U7DYB	0.00 U7DYB
2F	C6C2-110X120	0.00	0.583 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C6C2-110X120	190.00	0.469 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C6C2-110X120	380.00	0.361 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C7C2-110X120	0.00	0.331 U5DYA	0.22 U5EYA	0.18 U5EXA
RF	C7C2-110X120	225.00	0.346 U5EYA	0.22 U5EYA	0.18 U5EXA
RF	C7C2-110X120	450.00	0.463 U5DYA	0.21 U5EYA	0.18 U5EXA
4F	C7C2-110X120	0.00	0.238 U5EXA	0.08 U7EYA	0.20 U7EXA
4F	C7C2-110X120	190.00	0.223 U5DYA	0.08 U7EYA	0.20 U7EXA
4F	C7C2-110X120	380.00	0.315 U5DYA	0.08 U7EYA	0.20 U7EXA
3F	C7C2-110X120	0.00	0.277 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C7C2-110X120	190.00	0.204 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C7C2-110X120	380.00	0.249 U5EXA	0.00 U7DYB	0.00 U7DYB
2F	C7C2-110X120	0.00	0.580 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C7C2-110X120	190.00	0.465 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C7C2-110X120	380.00	0.358 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C8C2-110X120	0.00	0.331 U5DYA	0.22 U5EYA	0.18 U5EXA
RF	C8C2-110X120	225.00	0.344 U5EYA	0.22 U5EYA	0.18 U5EXA
RF	C8C2-110X120	450.00	0.460 U5DYA	0.21 U5EYA	0.18 U5EXA

4F	C8C2-110X120	0.00	0.236 U5EXA	0.08 U7EYA	0.20 U7EXA
4F	C8C2-110X120	190.00	0.227 U5DYA	0.08 U7EYA	0.20 U7EXA
4F	C8C2-110X120	380.00	0.315 U5DYA	0.08 U7EYA	0.20 U7EXA
3F	C8C2-110X120	0.00	0.273 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C8C2-110X120	190.00	0.201 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C8C2-110X120	380.00	0.248 U5EXA	0.00 U7DYB	0.00 U7DYB
2F	C8C2-110X120	0.00	0.576 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C8C2-110X120	190.00	0.460 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C8C2-110X120	380.00	0.355 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C9C2-110X120	0.00	0.329 U5DYA	0.22 U5EYA	0.18 U5EXA
RF	C9C2-110X120	225.00	0.342 U5EYA	0.22 U5EYA	0.18 U5EXA
RF	C9C2-110X120	450.00	0.457 U5DYA	0.21 U5EYA	0.18 U5EXA
4F	C9C2-110X120	0.00	0.235 U5EXA	0.08 U7EYA	0.20 U7EXA
4F	C9C2-110X120	190.00	0.227 U5DYA	0.08 U7EYA	0.20 U7EXA
4F	C9C2-110X120	380.00	0.314 U5DYA	0.08 U7EYA	0.20 U7EXA
3F	C9C2-110X120	0.00	0.270 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C9C2-110X120	190.00	0.198 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C9C2-110X120	380.00	0.247 U5EXA	0.00 U7DYB	0.00 U7DYB
2F	C9C2-110X120	0.00	0.573 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C9C2-110X120	190.00	0.455 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C9C2-110X120	380.00	0.353 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C10C2-110X120	0.00	0.326 U5DYA	0.22 U5EYA	0.18 U5EXA
RF	C10C2-110X120	225.00	0.340 U5EYA	0.22 U5EYA	0.18 U5EXA
RF	C10C2-110X120	450.00	0.453 U5DYA	0.21 U5EYA	0.18 U5EXA
4F	C10C2-110X120	0.00	0.234 U5EXA	0.08 U7EYA	0.20 U7EXA
4F	C10C2-110X120	190.00	0.225 U5DYA	0.08 U7EYA	0.20 U7EXA
4F	C10C2-110X120	380.00	0.311 U5DYA	0.08 U7EYA	0.20 U7EXA
3F	C10C2-110X120	0.00	0.266 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C10C2-110X120	190.00	0.196 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C10C2-110X120	380.00	0.245 U5EXA	0.00 U7DYB	0.00 U7DYB
2F	C10C2-110X120	0.00	0.570 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C10C2-110X120	190.00	0.450 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C10C2-110X120	380.00	0.351 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C11C2-110X120	0.00	0.321 U5DYA	0.22 U5EYA	0.18 U5EXA
RF	C11C2-110X120	225.00	0.339 U5EYA	0.22 U5EYA	0.18 U5EXA
RF	C11C2-110X120	450.00	0.451 U5DYA	0.21 U5EYA	0.18 U5EXA
4F	C11C2-110X120	0.00	0.233 U5EXA	0.08 U7EYA	0.20 U7EXA
4F	C11C2-110X120	190.00	0.218 U5DYA	0.08 U7EYA	0.20 U7EXA
4F	C11C2-110X120	380.00	0.305 U5DYA	0.08 U7EYA	0.20 U7EXA
3F	C11C2-110X120	0.00	0.263 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C11C2-110X120	190.00	0.194 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C11C2-110X120	380.00	0.244 U5EXA	0.00 U7DYB	0.00 U7DYB
2F	C11C2-110X120	0.00	0.571 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C11C2-110X120	190.00	0.447 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C11C2-110X120	380.00	0.352 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C12C2-110X120	0.00	0.315 U5DYA	0.22 U5EYA	0.16 U5EXA
RF	C12C2-110X120	225.00	0.331 U5EYA	0.21 U5EYA	0.16 U5EXA
RF	C12C2-110X120	450.00	0.424 U5DYA	0.21 U5EYA	0.16 U5EXA
4F	C12C2-110X120	0.00	0.232 U5EXA	0.08 U7EYA	0.19 U7EXA

4F	C12C2-110X120	190.00	0.213 U5DYA	0.08 U7EYA	0.19 U7EXA
4F	C12C2-110X120	380.00	0.301 U5EXA	0.08 U7EYA	0.19 U7EXA
3F	C12C2-110X120	0.00	0.259 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C12C2-110X120	190.00	0.189 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C12C2-110X120	380.00	0.239 U5EXA	0.00 U7DYB	0.00 U7DYB
2F	C12C2-110X120	0.00	0.568 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C12C2-110X120	190.00	0.442 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C12C2-110X120	380.00	0.353 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C13C2-110X120	0.00	0.352 U5DYA	0.22 U5EYA	0.22 U5EXA
RF	C13C2-110X120	225.00	0.333 U5EYA	0.22 U5EYA	0.22 U5EXA
RF	C13C2-110X120	450.00	0.482 U5DYA	0.21 U5EYA	0.22 U5EXA
4F	C13C2-110X120	0.00	0.265 U5EXA	0.07 U7EYA	0.22 U7EXA
4F	C13C2-110X120	190.00	0.213 U5DYA	0.07 U7EYA	0.22 U7EXA
4F	C13C2-110X120	380.00	0.329 U5EXA	0.07 U7EYA	0.22 U7EXA
3F	C13C2-110X120	0.00	0.263 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C13C2-110X120	190.00	0.191 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C13C2-110X120	380.00	0.268 U5EXA	0.00 U7DYB	0.00 U7DYB
2F	C13C2-110X120	0.00	0.640 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C13C2-110X120	190.00	0.469 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C13C2-110X120	380.00	0.358 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C14C3-110X120	0.00	0.314 U5DYA	0.21 U7EYA	0.22 U7EXA
RF	C14C3-110X120	225.00	0.317 U5EYA	0.21 U7EYA	0.22 U7EXA
RF	C14C3-110X120	450.00	0.524 U5DYA	0.20 U7EYA	0.22 U7EXA
4F	C14C3-110X120	0.00	0.219 U5EXA	0.00 U7DYB	0.00 U7DYB
4F	C14C3-110X120	190.00	0.187 U5DYA	0.00 U7DYB	0.00 U7DYB
4F	C14C3-110X120	380.00	0.266 U5EXA	0.00 U7DYB	0.00 U7DYB
3F	C14C3-110X120	0.00	0.294 U5EXA	0.00 U7DYB	0.00 U7DYB
3F	C14C3-110X120	190.00	0.208 U5DYA	0.00 U7DYB	0.00 U7DYB
3F	C14C3-110X120	380.00	0.264 U5EXA	0.00 U7DYB	0.00 U7DYB
2F	C14C3-110X120	0.00	0.323 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C14C3-110X120	190.00	0.302 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C14C3-110X120	380.00	0.286 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C14C3-110X120	0.00	0.359 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C14C3-110X120	132.50	0.338 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C14C3-110X120	265.00	0.323 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C15C4-110X120	0.00	0.394 U5EYA	0.38 U7DYB	0.21 U5EXA
RF	C15C4-110X120	225.00	0.108 U5EYA	0.38 U7DYB	0.21 U5EXA
RF	C15C4-110X120	450.00	0.617 U5EYA	0.38 U7DYB	0.21 U5EXA
4F	C15C4-110X120	0.00	0.456 U7EYA	0.38 U5EYA	0.12 U7EXA
4F	C15C4-110X120	190.00	0.168 U5DYA	0.38 U5EYA	0.12 U7EXA
4F	C15C4-110X120	380.00	0.341 U5EYA	0.38 U5EYA	0.12 U7EXA
3F	C15C4-110X120	0.00	0.413 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C15C4-110X120	190.00	0.256 U5EYA	0.29 U7EYA	0.08 U7EYA
3F	C15C4-110X120	380.00	0.311 U5DYA	0.29 U7EYA	0.08 U7EYA
2F	C15C4-110X120	0.00	0.362 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C15C4-110X120	190.00	0.349 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C15C4-110X120	380.00	0.365 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C15C4-110X120	0.00	0.456 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C15C4-110X120	132.50	0.393 U5EYA	0.00 U7DYB	0.00 U7DYB

1F	C15C4-110X120	265.00	0.362	U5EYA	0.00	U7DYB	0.00 U7DYB
3F	C16 C5-90X90	0.00	0.382	U5DYA	0.31	U7DYB	0.08 U5EXA
3F	C16 C5-90X90	205.00	0.095	U5EYA	0.31	U7DYB	0.08 U5EXA
3F	C16 C5-90X90	410.00	0.453	U5EYA	0.31	U7DYB	0.08 U5EXA
2F	C16 C5-90X90	0.00	0.654	U5EYA	0.26	U7EYA	0.07 U7DYA
2F	C16 C5-90X90	205.00	0.277	U5EYA	0.26	U7EYA	0.07 U7DYA
2F	C16 C5-90X90	410.00	0.459	U5EYA	0.26	U7EYA	0.07 U7DYA
3F	C17 C5-90X90	0.00	0.417	U5EYA	0.26	U7DYB	0.12 U5EXA
3F	C17 C5-90X90	205.00	0.078	U5EYA	0.26	U7DYB	0.12 U5EXA
3F	C17 C5-90X90	410.00	0.478	U5EYA	0.26	U7DYB	0.12 U5EXA
2F	C17 C5-90X90	0.00	0.603	U5EYA	0.24	U7EYA	0.10 U7EXA
2F	C17 C5-90X90	205.00	0.243	U5EYA	0.24	U7EYA	0.10 U7EXA
2F	C17 C5-90X90	410.00	0.421	U5EYA	0.24	U7EYA	0.10 U7EXA
RF	C18 C6-90X90	0.00	0.637	U7EYA	0.16	U7EYA	0.00 U7DYB
RF	C18 C6-90X90	225.00	0.099	U5DXA	0.16	U5EYA	0.00 U7DYB
RF	C18 C6-90X90	450.00	0.739	U7EYA	0.16	U5EYA	0.00 U7DYB
4F	C18 C6-90X90	0.00	0.661	U5EYA	0.28	U7DYA	0.00 U7DYB
4F	C18 C6-90X90	190.00	0.154	U5DXB	0.28	U7DYA	0.00 U7DYB
4F	C18 C6-90X90	380.00	Joint shear ratio exceeds limit				
3F	C18 C6-90X90	0.00	0.640	U5EYA	0.25	U7DXA	0.00 U7DYB
3F	C18 C6-90X90	190.00	0.261	U5DXB	0.25	U7DXA	0.00 U7DYB
3F	C18 C6-90X90	380.00	0.536	U5EYA	0.25	U7DXA	0.00 U7DYB
2F	C18 C6-90X90	0.00	0.393	U5DXB	0.15	U7DXA	0.00 U7DYB
2F	C18 C6-90X90	190.00	0.390	U5DXB	0.16	U7DXA	0.00 U7DYB
2F	C18 C6-90X90	380.00	0.440	U5EYA	0.16	U7DXA	0.00 U7DYB
1F	C18 C6-90X90	0.00	0.475	U5EYA	0.00	U7DYB	0.00 U7DYB
1F	C18 C6-90X90	132.50	0.415	U5EYA	0.00	U7DYB	0.00 U7DYB
1F	C18 C6-90X90	265.00	0.393	U5DXB	0.00	U7DYB	0.00 U7DYB
3F	C19 C7-90X90	0.00	0.303	U5EYA	0.00	U7DYB	0.00 U7DYB
3F	C19 C7-90X90	205.00	0.139	U5EYA	0.00	U7DYB	0.00 U7DYB
3F	C19 C7-90X90	410.00	0.411	U5EYA	0.00	U7DYB	0.00 U7DYB
2F	C19 C7-90X90	0.00	0.643	U5EYA	0.13	U7DXA	0.00 U7DYB
2F	C19 C7-90X90	205.00	0.299	U5EYA	0.13	U7DXA	0.00 U7DYB
2F	C19 C7-90X90	410.00	Joint shear ratio exceeds limit				
4F	C19-1 C14-50X50	0.00	0.421	U5DXA	0.13	U7DYB	0.03 U5DYA
4F	C19-1 C14-50X50	145.00	0.186	U5EYA	0.13	U7DYB	0.03 U5DYA
4F	C19-1 C14-50X50	290.00	0.421	U5DXA	0.13	U7DYB	0.03 U5DYA
3F	C20 C7-90X90	0.00	0.385	U5EYA	0.30	U7DYB	0.07 U7DXA
3F	C20 C7-90X90	205.00	0.121	U5EYA	0.30	U7DYB	0.07 U7DXA
3F	C20 C7-90X90	410.00	0.483	U5EYA	0.30	U7DYB	0.07 U7DXA
2F	C20 C7-90X90	0.00	0.611	U5EYA	0.08	U7EXA	0.00 U7DYB
2F	C20 C7-90X90	205.00	0.246	U5EYA	0.08	U7EXA	0.00 U7DYB
2F	C20 C7-90X90	410.00	0.390	U5EYA	0.08	U7EXA	0.00 U7DYB
4F	C20-1 C14-50X50	0.00	0.379	U5DXA	0.13	U7DYB	0.02 U5DYA
4F	C20-1 C14-50X50	145.00	0.176	U5EYA	0.13	U7DYB	0.02 U5DYA
4F	C20-1 C14-50X50	290.00	0.401	U5DXA	0.13	U7DYB	0.02 U5DYA
4F	C21-1 C14-50X50	0.00	0.354	U5EYA	0.13	U7DYB	0.04 U5EYA
4F	C21-1 C14-50X50	145.00	0.143	U5EYA	0.13	U7DYB	0.04 U5EYA
4F	C21-1 C14-50X50	290.00	0.367	U5DXA	0.13	U7DYB	0.04 U5EYA

4F	C22-1 C14-50X50	0.00	0.359 U5EYA	0.13 U7DYB	0.03 U5DYA
4F	C22-1 C14-50X50	145.00	0.111 U5EYA	0.13 U7DYB	0.03 U5DYA
4F	C22-1 C14-50X50	290.00	0.369 U5DXA	0.13 U7DYB	0.03 U5DYA
RF	C23C8-120X120	0.00	0.423 U5EYA	0.48 U5EYA	0.00 U7DYB
RF	C23C8-120X120	225.00	0.132 U5DXA	0.48 U5EYA	0.00 U7DYB
RF	C23C8-120X120	450.00	0.446 U5EYA	0.48 U5EYA	0.00 U7DYB
4F	C23C8-120X120	0.00	0.496 U5EYA	0.61 U7EYA	0.00 U7DYB
4F	C23C8-120X120	175.00	0.252 U5DXA	0.61 U7EYA	0.00 U7DYB
4F	C23C8-120X120	350.00	0.482 U5EYA	0.61 U7EYA	0.00 U7DYB
3F	C23C8-120X120	0.00	0.606 U5EYA	0.59 U7EYA	0.00 U7DYB
3F	C23C8-120X120	175.00	0.319 U5EYB	0.59 U7EYA	0.00 U7DYB
3F	C23C8-120X120	350.00	0.509 U5EYA	0.59 U7EYA	0.00 U7DYB
2F	C23C8-120X120	0.00	0.807 U5EYA	0.52 U7DXA	0.00 U7DYB
2F	C23C8-120X120	175.00	0.479 U5EYA	0.52 U7DXA	0.00 U7DYB
2F	C23C8-120X120	350.00	0.479 U5EYA	0.52 U7DXA	0.00 U7DYB
RF	C24C9-115X115	0.00	0.289 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C24C9-115X115	225.00	0.364 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C24C9-115X115	450.00	0.437 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C24C9-115X115	0.00	0.221 U5DXA	0.00 U7DYB	0.00 U7DYB
4F	C24C9-115X115	250.00	0.225 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C24C9-115X115	500.00	0.289 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C24C9-115X115	0.00	0.314 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C24C9-115X115	250.00	0.236 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C24C9-115X115	500.00	0.221 U5DXA	0.00 U7DYB	0.00 U7DYB
2F	C24C9-115X115	0.00	0.518 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C24C9-115X115	250.00	0.419 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C24C9-115X115	500.00	0.314 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C25C9-115X115	0.00	0.418 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C25C9-115X115	225.00	0.331 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C25C9-115X115	450.00	0.479 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C25C9-115X115	0.00	0.303 U5DYA	0.00 U7DYB	0.00 U7DYB
4F	C25C9-115X115	250.00	0.398 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C25C9-115X115	500.00	0.556 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C25C9-115X115	0.00	0.405 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C25C9-115X115	250.00	0.312 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C25C9-115X115	500.00	0.303 U5DYA	0.00 U7DYB	0.00 U7DYB
2F	C25C9-115X115	0.00	0.732 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C25C9-115X115	250.00	0.578 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C25C9-115X115	500.00	0.405 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C26C9-115X115	0.00	0.270 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C26C9-115X115	225.00	0.342 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C26C9-115X115	450.00	0.409 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C26C9-115X115	0.00	0.201 U5DXB	0.00 U7DYB	0.00 U7DYB
4F	C26C9-115X115	250.00	0.209 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C26C9-115X115	500.00	0.270 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C26C9-115X115	0.00	0.293 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C26C9-115X115	250.00	0.219 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C26C9-115X115	500.00	0.201 U5DXB	0.00 U7DYB	0.00 U7DYB

2F	C26C9-115X115	0.00	0.486	U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C26C9-115X115	250.00	0.393	U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C26C9-115X115	500.00	0.293	U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C27C9-115X115	0.00	0.256	U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C27C9-115X115	225.00	0.325	U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C27C9-115X115	450.00	0.387	U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C27C9-115X115	0.00	0.189	U5DXB	0.00 U7DYB	0.00 U7DYB
4F	C27C9-115X115	250.00	0.197	U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C27C9-115X115	500.00	0.256	U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C27C9-115X115	0.00	0.279	U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C27C9-115X115	250.00	0.208	U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C27C9-115X115	500.00	0.189	U5DXB	0.00 U7DYB	0.00 U7DYB
2F	C27C9-115X115	0.00	0.464	U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C27C9-115X115	250.00	0.376	U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C27C9-115X115	500.00	0.279	U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C28C9-115X115	0.00	0.255	U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C28C9-115X115	225.00	0.321	U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C28C9-115X115	450.00	0.385	U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C28C9-115X115	0.00	0.192	U5DXB	0.00 U7DYB	0.00 U7DYB
4F	C28C9-115X115	250.00	0.198	U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C28C9-115X115	500.00	0.255	U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C28C9-115X115	0.00	0.278	U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C28C9-115X115	250.00	0.209	U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C28C9-115X115	500.00	0.192	U5DXB	0.00 U7DYB	0.00 U7DYB
2F	C28C9-115X115	0.00	0.460	U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C28C9-115X115	250.00	0.372	U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C28C9-115X115	500.00	0.278	U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C29C9-115X115	0.00	0.252	U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C29C9-115X115	225.00	0.315	U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C29C9-115X115	450.00	0.379	U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C29C9-115X115	0.00	0.192	U5DXB	0.00 U7DYB	0.00 U7DYB
4F	C29C9-115X115	250.00	0.197	U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C29C9-115X115	500.00	0.252	U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C29C9-115X115	0.00	0.274	U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C29C9-115X115	250.00	0.208	U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C29C9-115X115	500.00	0.192	U5DXB	0.00 U7DYB	0.00 U7DYB
2F	C29C9-115X115	0.00	0.453	U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C29C9-115X115	250.00	0.364	U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C29C9-115X115	500.00	0.274	U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C30C9-115X115	0.00	0.248	U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C30C9-115X115	225.00	0.308	U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C30C9-115X115	450.00	0.372	U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C30C9-115X115	0.00	0.192	U5DXB	0.00 U7DYB	0.00 U7DYB
4F	C30C9-115X115	250.00	0.196	U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C30C9-115X115	500.00	0.248	U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C30C9-115X115	0.00	0.270	U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C30C9-115X115	250.00	0.207	U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C30C9-115X115	500.00	0.192	U5DXB	0.00 U7DYB	0.00 U7DYB
2F	C30C9-115X115	0.00	0.447	U5EYA	0.00 U7DYB	0.00 U7DYB

2F	C30C9-115X115	250.00	0.357 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C30C9-115X115	500.00	0.270 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C31C9-115X115	0.00	0.245 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C31C9-115X115	225.00	0.302 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C31C9-115X115	450.00	0.365 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C31C9-115X115	0.00	0.192 U5DXB	0.00 U7DYB	0.00 U7DYB
4F	C31C9-115X115	250.00	0.195 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C31C9-115X115	500.00	0.245 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C31C9-115X115	0.00	0.267 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C31C9-115X115	250.00	0.206 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C31C9-115X115	500.00	0.192 U5DXB	0.00 U7DYB	0.00 U7DYB
2F	C31C9-115X115	0.00	0.440 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C31C9-115X115	250.00	0.350 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C31C9-115X115	500.00	0.267 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C32C9-115X115	0.00	0.242 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C32C9-115X115	225.00	0.296 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C32C9-115X115	450.00	0.357 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C32C9-115X115	0.00	0.192 U5DXB	0.00 U7DYB	0.00 U7DYB
4F	C32C9-115X115	250.00	0.194 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C32C9-115X115	500.00	0.242 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C32C9-115X115	0.00	0.263 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C32C9-115X115	250.00	0.204 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C32C9-115X115	500.00	0.192 U5DXB	0.00 U7DYB	0.00 U7DYB
2F	C32C9-115X115	0.00	0.431 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C32C9-115X115	250.00	0.343 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C32C9-115X115	500.00	0.263 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C33C9-115X115	0.00	0.241 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C33C9-115X115	225.00	0.293 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C33C9-115X115	450.00	0.353 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C33C9-115X115	0.00	0.193 U5DXB	0.00 U7DYB	0.00 U7DYB
4F	C33C9-115X115	250.00	0.195 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C33C9-115X115	500.00	0.241 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C33C9-115X115	0.00	0.262 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C33C9-115X115	250.00	0.205 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C33C9-115X115	500.00	0.193 U5DXB	0.00 U7DYB	0.00 U7DYB
2F	C33C9-115X115	0.00	0.427 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C33C9-115X115	250.00	0.340 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C33C9-115X115	500.00	0.262 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C34C9-115X115	0.00	0.229 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C34C9-115X115	225.00	0.282 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C34C9-115X115	450.00	0.340 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C34C9-115X115	0.00	0.182 U5DXB	0.00 U7DYB	0.00 U7DYB
4F	C34C9-115X115	250.00	0.184 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C34C9-115X115	500.00	0.229 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C34C9-115X115	0.00	0.251 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C34C9-115X115	250.00	0.194 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C34C9-115X115	500.00	0.182 U5DXB	0.00 U7DYB	0.00 U7DYB
2F	C34C9-115X115	0.00	0.413 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C34C9-115X115	250.00	0.328 U5EYA	0.00 U7DYB	0.00 U7DYB

2F	C34C9-115X115	500.00	0.251 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C35C10-115X11	0.00	0.233 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C35C10-115X11	225.00	0.287 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C35C10-115X11	450.00	0.346 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C35C10-115X11	0.00	0.186 U5DXB	0.00 U7DYB	0.00 U7DYB
4F	C35C10-115X11	250.00	0.188 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C35C10-115X11	500.00	0.233 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C35C10-115X11	0.00	0.255 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C35C10-115X11	250.00	0.198 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C35C10-115X11	500.00	0.186 U5DXB	0.00 U7DYB	0.00 U7DYB
2F	C35C10-115X11	0.00	0.419 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C35C10-115X11	250.00	0.335 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C35C10-115X11	500.00	0.255 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C36C11-120X12	0.00	0.300 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C36C11-120X12	210.00	0.340 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C36C11-120X12	420.00	0.390 U5EYA	0.00 U7DYB	0.00 U7DYB
4F	C36C11-120X12	0.00	0.254 U5DXA	0.00 U7DYB	0.00 U7DYB
4F	C36C11-120X12	250.00	0.260 U5DXA	0.00 U7DYB	0.00 U7DYB
4F	C36C11-120X12	500.00	0.300 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C36C11-120X12	0.00	0.268 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C36C11-120X12	250.00	0.256 U5DXB	0.00 U7DYB	0.00 U7DYB
3F	C36C11-120X12	500.00	0.254 U5DXA	0.00 U7DYB	0.00 U7DYB
2F	C36C11-120X12	0.00	0.368 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C36C11-120X12	250.00	0.308 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C36C11-120X12	500.00	0.268 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C36C11-120X12	0.00	0.438 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C36C11-120X12	132.50	0.399 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C36C11-120X12	265.00	0.368 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C37C12-110X12	0.00	0.441 U5EYA	0.30 U7EYA	0.00 U7DYB
RF	C37C12-110X12	210.00	0.300 U5DXA	0.30 U7EYA	0.00 U7DYB
RF	C37C12-110X12	420.00	0.743 U5EYA	0.31 U7EYA	0.00 U7DYB
4F	C37C12-110X12	0.00	0.569 U5EYA	0.17 U7EYA	0.00 U7DYB
4F	C37C12-110X12	190.00	0.203 U5DXB	0.17 U7EYA	0.00 U7DYB
4F	C37C12-110X12	380.00	0.423 U5EYA	0.17 U7EYA	0.00 U7DYB
3F	C37C12-110X12	0.00	0.436 U5EYA	0.11 U7DXA	0.00 U7DYB
3F	C37C12-110X12	190.00	0.285 U5DXB	0.11 U7DXA	0.00 U7DYB
3F	C37C12-110X12	380.00	0.353 U5EYA	0.11 U7DXA	0.00 U7DYB
2F	C37C12-110X12	0.00	0.388 U5DXB	0.02 U7DXA	0.00 U7DYB
2F	C37C12-110X12	190.00	0.385 U5DXB	0.02 U7DXA	0.00 U7DYB
2F	C37C12-110X12	380.00	0.383 U5DXB	0.02 U7DXA	0.00 U7DYB
1F	C37C12-110X12	0.00	0.472 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C37C12-110X12	132.50	0.420 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C37C12-110X12	265.00	0.388 U5DXB	0.00 U7DYB	0.00 U7DYB
3F	C38 C7-90X90	0.00	0.256 U5EYA	0.05 U7EYA	0.00 U7DYB
3F	C38 C7-90X90	205.00	0.115 U5EYA	0.05 U7EYA	0.00 U7DYB
3F	C38 C7-90X90	410.00	0.349 U5EYA	0.06 U7EYA	0.00 U7DYB
2F	C38 C7-90X90	0.00	0.595 U5EYA	0.13 U7EXA	0.00 U7DYB
2F	C38 C7-90X90	205.00	0.285 U5EYA	0.13 U7EXA	0.00 U7DYB
2F	C38 C7-90X90	410.00	0.595 U5EYA	0.13 U7EXA	0.00 U7DYB

3F	C39 C7-90X90	0.00	0.369 U5EYA	0.49 U7DYB	0.13 U5EXA
3F	C39 C7-90X90	205.00	0.096 U5EYA	0.49 U7DYB	0.13 U5EXA
3F	C39 C7-90X90	410.00	0.369 U5EYA	0.49 U7DYB	0.13 U5EXA
2F	C39 C7-90X90	0.00	0.560 U5EYA	0.07 U7EXA	0.00 U7DYB
2F	C39 C7-90X90	205.00	0.229 U5EYA	0.07 U7EXA	0.00 U7DYB
2F	C39 C7-90X90	410.00	0.370 U5EYA	0.07 U7EXA	0.00 U7DYB
RF	C40 C6-90X90	0.00	0.668 U7EYA	0.18 U5EYA	0.00 U7DYB
RF	C40 C6-90X90	225.00	0.098 U5DXA	0.18 U5EYA	0.00 U7DYB
RF	C40 C6-90X90	450.00	0.782 U5EYA	0.18 U5EYA	0.00 U7DYB
4F	C40 C6-90X90	0.00	0.713 U5EYA	0.22 U5EYA	0.00 U7DYB
4F	C40 C6-90X90	190.00	0.155 U5EYA	0.22 U5EYA	0.00 U7DYB
4F	C40 C6-90X90	380.00	0.688 U5EYA	0.22 U5EYA	0.00 U7DYB
3F	C40 C6-90X90	0.00	0.661 U5EYA	0.25 U7EYA	0.00 U7DYB
3F	C40 C6-90X90	190.00	0.260 U5EYB	0.25 U7EYA	0.00 U7DYB
3F	C40 C6-90X90	380.00	0.572 U5EYA	0.25 U7EYA	0.00 U7DYB
2F	C40 C6-90X90	0.00	0.390 U5EYB	0.15 U7EYA	0.00 U7DYB
2F	C40 C6-90X90	190.00	0.387 U5EYB	0.15 U7EYA	0.00 U7DYB
2F	C40 C6-90X90	380.00	0.445 U5EYA	0.15 U7EYA	0.00 U7DYB
1F	C40 C6-90X90	0.00	0.480 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C40 C6-90X90	132.50	0.419 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C40 C6-90X90	265.00	0.390 U5EYB	0.00 U7DYB	0.00 U7DYB
3F	C41 C7-90X90	0.00	0.293 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C41 C7-90X90	205.00	0.107 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C41 C7-90X90	410.00	0.342 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C41 C7-90X90	0.00	0.635 U5EYA	0.13 U7EYA	0.00 U7DYB
2F	C41 C7-90X90	205.00	0.272 U5EYA	0.13 U7EYA	0.00 U7DYB
2F	C41 C7-90X90	410.00	0.635 U5EYA	0.13 U7EYA	0.00 U7DYB
3F	C42 C7-90X90	0.00	0.365 U5EYA	0.05 U7EYA	0.00 U7DYB
3F	C42 C7-90X90	205.00	0.088 U5EYA	0.05 U7EYA	0.00 U7DYB
3F	C42 C7-90X90	410.00	0.418 U5EYA	0.05 U7EYA	0.00 U7DYB
2F	C42 C7-90X90	0.00	0.608 U5EYA	0.07 U7EXA	0.00 U7DYB
2F	C42 C7-90X90	205.00	0.220 U5EYA	0.07 U7EXA	0.00 U7DYB
2F	C42 C7-90X90	410.00	0.403 U5EYA	0.07 U7EXA	0.00 U7DYB
RF	C43C1-120X120	0.00	0.555 U5EYA	0.41 U7EYA	0.00 U7DYB
RF	C43C1-120X120	225.00	0.083 U5DYA	0.41 U7EYA	0.00 U7DYB
RF	C43C1-120X120	450.00	0.635 U5EYA	0.41 U7EYA	0.00 U7DYB
4F	C43C1-120X120	0.00	0.454 U5EYA	0.66 U7DYA	0.10 U7EXA
4F	C43C1-120X120	175.00	0.146 U5EXA	0.66 U7DYA	0.10 U7EXA
4F	C43C1-120X120	350.00	0.454 U5EYA	0.66 U7DYA	0.10 U7EXA
3F	C43C1-120X120	0.00	0.580 U5EYA	0.37 U5EYA	0.00 U7DYB
3F	C43C1-120X120	175.00	0.227 U5EXA	0.37 U5EYA	0.00 U7DYB
3F	C43C1-120X120	350.00	0.470 U5EYA	0.37 U5EYA	0.00 U7DYB
2F	C43C1-120X120	0.00	0.768 U5EYA	0.33 U5EYA	0.00 U7DYB
2F	C43C1-120X120	175.00	0.397 U5EYA	0.33 U5EYA	0.00 U7DYB
2F	C43C1-120X120	350.00	0.370 U5EXA	0.33 U5EYA	0.00 U7DYB
RF	C44C2-110X120	0.00	0.253 U5DYA	0.22 U5EXB	0.17 U7EXA
RF	C44C2-110X120	225.00	0.321 U5EYA	0.22 U5EYB	0.17 U7EXA
RF	C44C2-110X120	450.00	0.527 U5DYA	0.22 U5EYA	0.17 U7EXA

4F	C44C2-110X120	0.00	0.206	U5EXA	0.07	U7EYA	0.11	U7DYA
4F	C44C2-110X120	190.00	0.171	U5DYA	0.07	U7EYA	0.20	U7EXA
4F	C44C2-110X120	380.00	0.254	U5EXA	0.07	U7EYA	0.20	U7EXA
3F	C44C2-110X120	0.00	0.316	U5DYA	0.00	U7DYB	0.00	U7DYB
3F	C44C2-110X120	190.00	0.222	U5EYA	0.00	U7DYB	0.00	U7DYB
3F	C44C2-110X120	380.00	0.253	U5EXA	0.00	U7DYB	0.00	U7DYB
2F	C44C2-110X120	0.00	0.629	U5EYA	0.00	U7DYB	0.00	U7DYB
2F	C44C2-110X120	190.00	0.505	U5EYA	0.00	U7DYB	0.00	U7DYB
2F	C44C2-110X120	380.00	0.384	U5EYA	0.00	U7DYB	0.00	U7DYB
RF	C45C2-110X120	0.00	0.403	U5DYA	0.21	U5EYA	0.18	U5EXA
RF	C45C2-110X120	225.00	0.399	U5EYA	0.21	U5EYA	0.18	U5EXA
RF	C45C2-110X120	450.00	0.464	U5DYA	0.21	U5EYA	0.18	U5EXA
4F	C45C2-110X120	0.00	0.240	U5EXA	0.10	U7EYA	0.10	U7DYA
4F	C45C2-110X120	190.00	0.253	U5DYA	0.10	U7EYA	0.20	U7EXA
4F	C45C2-110X120	380.00	0.381	U5DYA	0.10	U7EYA	0.20	U7EXA
3F	C45C2-110X120	0.00	0.355	U5EYA	0.00	U7DYB	0.00	U7DYB
3F	C45C2-110X120	190.00	0.241	U5EYA	0.00	U7DYB	0.00	U7DYB
3F	C45C2-110X120	380.00	0.261	U5EXA	0.00	U7DYB	0.00	U7DYB
2F	C45C2-110X120	0.00	0.677	U5EYA	0.00	U7DYB	0.00	U7DYB
2F	C45C2-110X120	190.00	0.563	U5EYA	0.00	U7DYB	0.00	U7DYB
2F	C45C2-110X120	380.00	0.437	U5EYA	0.00	U7DYB	0.00	U7DYB
RF	C46C2-110X120	0.00	0.380	U5DYA	0.22	U5EYA	0.19	U5EXA
RF	C46C2-110X120	225.00	0.384	U5EYA	0.22	U5EYA	0.19	U5EXA
RF	C46C2-110X120	450.00	0.507	U5DYA	0.22	U5EYA	0.19	U5EXA
4F	C46C2-110X120	0.00	0.253	U5EXA	0.09	U7EYA	0.20	U7EXA
4F	C46C2-110X120	190.00	0.234	U5DYA	0.09	U7EYA	0.20	U7EXA
4F	C46C2-110X120	380.00	0.346	U5DYA	0.09	U7EYA	0.20	U7EXA
3F	C46C2-110X120	0.00	0.325	U5EYA	0.00	U7DYB	0.00	U7DYB
3F	C46C2-110X120	190.00	0.204	U5EYA	0.00	U7DYB	0.00	U7DYB
3F	C46C2-110X120	380.00	0.254	U5EXA	0.00	U7DYB	0.00	U7DYB
2F	C46C2-110X120	0.00	0.656	U5EYA	0.00	U7DYB	0.00	U7DYB
2F	C46C2-110X120	190.00	0.533	U5EYA	0.00	U7DYB	0.00	U7DYB
2F	C46C2-110X120	380.00	0.414	U5EYA	0.00	U7DYB	0.00	U7DYB
RF	C47C2-110X120	0.00	0.346	U5DYA	0.22	U5EYA	0.17	U5EXA
RF	C47C2-110X120	225.00	0.376	U5EYA	0.22	U5EYA	0.17	U5EXA
RF	C47C2-110X120	450.00	0.498	U5EYA	0.21	U5EYA	0.17	U5EXA
4F	C47C2-110X120	0.00	0.233	U5EXA	0.09	U7EYA	0.19	U7EXA
4F	C47C2-110X120	190.00	0.222	U5DYA	0.09	U7EYA	0.19	U7EXA
4F	C47C2-110X120	380.00	0.321	U5DYA	0.09	U7EYA	0.19	U7EXA
3F	C47C2-110X120	0.00	0.308	U5EYA	0.00	U7DYB	0.00	U7DYB
3F	C47C2-110X120	190.00	0.196	U5EYA	0.00	U7DYB	0.00	U7DYB
3F	C47C2-110X120	380.00	0.241	U5EXA	0.00	U7DYB	0.00	U7DYB
2F	C47C2-110X120	0.00	0.630	U5EYA	0.00	U7DYB	0.00	U7DYB
2F	C47C2-110X120	190.00	0.512	U5EYA	0.00	U7DYB	0.00	U7DYB
2F	C47C2-110X120	380.00	0.400	U5EYA	0.00	U7DYB	0.00	U7DYB
RF	C48C2-110X120	0.00	0.338	U5DYA	0.22	U5EYA	0.17	U5EXA
RF	C48C2-110X120	225.00	0.371	U5EYA	0.22	U5EYA	0.17	U5EXA
RF	C48C2-110X120	450.00	0.493	U5EYA	0.21	U5EYA	0.17	U5EXA
4F	C48C2-110X120	0.00	0.228	U5EXA	0.08	U7EYA	0.19	U7EXA

4F	C48C2-110X120	190.00	0.220	U5DYA	0.08 U7EYA	0.19	U7EXA
4F	C48C2-110X120	380.00	0.317	U5DYA	0.08 U7EYA	0.19	U7EXA
3F	C48C2-110X120	0.00	0.304	U5EYA	0.00 U7DYB	0.00	U7DYB
3F	C48C2-110X120	190.00	0.194	U5EYA	0.00 U7DYB	0.00	U7DYB
3F	C48C2-110X120	380.00	0.237	U5EXA	0.00 U7DYB	0.00	U7DYB
2F	C48C2-110X120	0.00	0.617	U5EYA	0.00 U7DYB	0.00	U7DYB
2F	C48C2-110X120	190.00	0.502	U5EYA	0.00 U7DYB	0.00	U7DYB
2F	C48C2-110X120	380.00	0.393	U5EYA	0.00 U7DYB	0.00	U7DYB
RF	C49C2-110X120	0.00	0.336	U5DYA	0.22 U5EYA	0.17	U5EXA
RF	C49C2-110X120	225.00	0.366	U5EYA	0.22 U5EYA	0.17	U5EXA
RF	C49C2-110X120	450.00	0.486	U5EYA	0.21 U5EYA	0.17	U5EXA
4F	C49C2-110X120	0.00	0.227	U5EXA	0.08 U7EYA	0.19	U7EXA
4F	C49C2-110X120	190.00	0.222	U5DYA	0.08 U7EYA	0.19	U7EXA
4F	C49C2-110X120	380.00	0.316	U5DYA	0.08 U7EYA	0.19	U7EXA
3F	C49C2-110X120	0.00	0.299	U5EYA	0.00 U7DYB	0.00	U7DYB
3F	C49C2-110X120	190.00	0.192	U5EYA	0.00 U7DYB	0.00	U7DYB
3F	C49C2-110X120	380.00	0.237	U5EXA	0.00 U7DYB	0.00	U7DYB
2F	C49C2-110X120	0.00	0.610	U5EYA	0.00 U7DYB	0.00	U7DYB
2F	C49C2-110X120	190.00	0.496	U5EYA	0.00 U7DYB	0.00	U7DYB
2F	C49C2-110X120	380.00	0.387	U5EYA	0.00 U7DYB	0.00	U7DYB
RF	C50C2-110X120	0.00	0.334	U5DYA	0.22 U5EYA	0.17	U5EXA
RF	C50C2-110X120	225.00	0.362	U5EYA	0.22 U5EYA	0.17	U5EXA
RF	C50C2-110X120	450.00	0.480	U5EYA	0.21 U5EYA	0.17	U5EXA
4F	C50C2-110X120	0.00	0.227	U5EXA	0.08 U7EYA	0.19	U7EXA
4F	C50C2-110X120	190.00	0.226	U5DYA	0.08 U7EYA	0.19	U7EXA
4F	C50C2-110X120	380.00	0.317	U5DYA	0.08 U7EYA	0.19	U7EXA
3F	C50C2-110X120	0.00	0.295	U5EYA	0.00 U7DYB	0.00	U7DYB
3F	C50C2-110X120	190.00	0.190	U5EYA	0.00 U7DYB	0.00	U7DYB
3F	C50C2-110X120	380.00	0.237	U5EXA	0.00 U7DYB	0.00	U7DYB
2F	C50C2-110X120	0.00	0.605	U5EYA	0.00 U7DYB	0.00	U7DYB
2F	C50C2-110X120	190.00	0.491	U5EYA	0.00 U7DYB	0.00	U7DYB
2F	C50C2-110X120	380.00	0.382	U5EYA	0.00 U7DYB	0.00	U7DYB
RF	C51C2-110X120	0.00	0.332	U5DYA	0.22 U5EYA	0.17	U5EXA
RF	C51C2-110X120	225.00	0.358	U5EYA	0.22 U5EYA	0.17	U5EXA
RF	C51C2-110X120	450.00	0.473	U5EYA	0.21 U5EYA	0.17	U5EXA
4F	C51C2-110X120	0.00	0.227	U5EXA	0.08 U7EYA	0.19	U7EXA
4F	C51C2-110X120	190.00	0.227	U5DYA	0.08 U7EYA	0.19	U7EXA
4F	C51C2-110X120	380.00	0.316	U5DYA	0.08 U7EYA	0.19	U7EXA
3F	C51C2-110X120	0.00	0.290	U5EYA	0.00 U7DYB	0.00	U7DYB
3F	C51C2-110X120	190.00	0.188	U5EYA	0.00 U7DYB	0.00	U7DYB
3F	C51C2-110X120	380.00	0.237	U5EXA	0.00 U7DYB	0.00	U7DYB
2F	C51C2-110X120	0.00	0.600	U5EYA	0.00 U7DYB	0.00	U7DYB
2F	C51C2-110X120	190.00	0.485	U5EYA	0.00 U7DYB	0.00	U7DYB
2F	C51C2-110X120	380.00	0.377	U5EYA	0.00 U7DYB	0.00	U7DYB
RF	C52C2-110X120	0.00	0.328	U5DYA	0.22 U5EYA	0.17	U5EXA
RF	C52C2-110X120	225.00	0.353	U5EYA	0.22 U5EYA	0.17	U5EXA
RF	C52C2-110X120	450.00	0.467	U5EYA	0.21 U5EYA	0.17	U5EXA
4F	C52C2-110X120	0.00	0.228	U5EXA	0.08 U7EYA	0.19	U7EXA
4F	C52C2-110X120	190.00	0.225	U5DYA	0.08 U7EYA	0.19	U7EXA

4F	C52C2-110X120	380.00	0.314 U5DYA	0.08 U7EYA	0.19 U7EXA	
3F	C52C2-110X120	0.00	0.286 U5EYA	0.00 U7DYB	0.00 U7DYB	
3F	C52C2-110X120	190.00	0.186 U5EYA	0.00 U7DYB	0.00 U7DYB	
3F	C52C2-110X120	380.00	0.237 U5EXA	0.00 U7DYB	0.00 U7DYB	
2F	C52C2-110X120	0.00	0.595 U5EYA	0.00 U7DYB	0.00 U7DYB	
2F	C52C2-110X120	190.00	0.479 U5EYA	0.00 U7DYB	0.00 U7DYB	
2F	C52C2-110X120	380.00	0.373 U5EYA	0.00 U7DYB	0.00 U7DYB	
RF	C53C2-110X120	0.00	0.325 U5DYA	0.22 U5EYA	0.17 U5EXA	
RF	C53C2-110X120	225.00	0.350 U5EYA	0.22 U5EYA	0.17 U5EXA	
RF	C53C2-110X120	450.00	0.465 U5DYA	0.21 U5EYA	0.17 U5EXA	
4F	C53C2-110X120	0.00	0.233 U5EXA	0.08 U7EYA	0.20 U7EXA	
4F	C53C2-110X120	190.00	0.219 U5DYA	0.08 U7EYA	0.20 U7EXA	
4F	C53C2-110X120	380.00	0.312 U5DYA	0.08 U7EYA	0.20 U7EXA	
3F	C53C2-110X120	0.00	0.282 U5EYA	0.00 U7DYB	0.00 U7DYB	
3F	C53C2-110X120	190.00	0.185 U5EYA	0.00 U7DYB	0.00 U7DYB	
3F	C53C2-110X120	380.00	0.238 U5EXA	0.00 U7DYB	0.00 U7DYB	
2F	C53C2-110X120	0.00	0.592 U5EYA	0.00 U7DYB	0.00 U7DYB	
2F	C53C2-110X120	190.00	0.475 U5EYA	0.00 U7DYB	0.00 U7DYB	
2F	C53C2-110X120	380.00	0.371 U5EYA	0.00 U7DYB	0.00 U7DYB	
RF	C54C2-110X120	0.00	0.326 U5DYA	0.22 U5EYA	0.17 U5EXA	
RF	C54C2-110X120	225.00	0.345 U5EYA	0.21 U5EYA	0.17 U5EXA	
RF	C54C2-110X120	450.00	0.450 U5DYA	0.21 U5EYA	0.17 U5EXA	
4F	C54C2-110X120	0.00	0.237 U5EXA	0.08 U7EYA	0.20 U7EXA	
4F	C54C2-110X120	190.00	0.214 U5DYA	0.08 U7EYA	0.20 U7EXA	
4F	C54C2-110X120	380.00	0.312 U5EXA	0.08 U7EYA	0.20 U7EXA	
3F	C54C2-110X120	0.00	0.283 U5EYA	0.00 U7DYB	0.00 U7DYB	
3F	C54C2-110X120	190.00	0.180 U5EYA	0.00 U7DYB	0.00 U7DYB	
3F	C54C2-110X120	380.00	0.241 U5EXA	0.00 U7DYB	0.00 U7DYB	
2F	C54C2-110X120	0.00	0.587 U5EYA	0.00 U7DYB	0.00 U7DYB	
2F	C54C2-110X120	190.00	0.463 U5EYA	0.00 U7DYB	0.00 U7DYB	
2F	C54C2-110X120	380.00	0.375 U5EYA	0.00 U7DYB	0.00 U7DYB	
RF	C55C2-110X120	0.00	0.339 U5DYA	0.22 U5EYA	0.19 U5EXA	
RF	C55C2-110X120	225.00	0.342 U5EYA	0.22 U5EYA	0.19 U5EXA	
RF	C55C2-110X120	450.00	0.473 U5DYA	0.21 U5EYA	0.19 U5EXA	
4F	C55C2-110X120	0.00	0.241 U5EXA	0.07 U7EYA	0.21 U7EXA	
4F	C55C2-110X120	190.00	0.213 U5DYA	0.07 U7EYA	0.21 U7EXA	
4F	C55C2-110X120	380.00	0.315 U5EXA	0.07 U7EYA	0.21 U7EXA	
3F	C55C2-110X120	0.00	0.269 U5EYA	0.00 U7DYB	0.00 U7DYB	
3F	C55C2-110X120	190.00	0.186 U5EYA	0.00 U7DYB	0.00 U7DYB	
3F	C55C2-110X120	380.00	0.252 U5EXA	0.00 U7DYB	0.00 U7DYB	
2F	C55C2-110X120	0.00	0.649 U5EYA	0.00 U7DYB	0.00 U7DYB	
2F	C55C2-110X120	190.00	0.498 U5EYA	0.00 U7DYB	0.00 U7DYB	
2F	C55C2-110X120	380.00	0.370 U5EYA	0.00 U7DYB	0.00 U7DYB	
RF	C56C3-110X120	0.00	0.301 U5DYA	0.21 U7EYA	0.21 U7EXA	
RF	C56C3-110X120	225.00	0.324 U5EYA	0.21 U7EYA	0.21 U7EXA	
RF	C56C3-110X120	450.00	0.519 U5DYA	0.20 U7EYA	0.21 U7EXA	
4F	C56C3-110X120	0.00	0.212 U5EXA	0.00 U7DYB	0.00 U7DYB	
4F	C56C3-110X120	190.00	0.186 U5DYA	0.00 U7DYB	0.00 U7DYB	
4F	C56C3-110X120	380.00	0.256 U5EXA	0.00 U7DYB	0.00 U7DYB	

3F	C56C3-110X120	0.00	0.264 U5EXA	0.00 U7DYB	0.00 U7DYB
3F	C56C3-110X120	190.00	0.216 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C56C3-110X120	380.00	0.254 U5EXA	0.00 U7DYB	0.00 U7DYB
2F	C56C3-110X120	0.00	0.325 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C56C3-110X120	190.00	0.304 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C56C3-110X120	380.00	0.282 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C56C3-110X120	0.00	0.353 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C56C3-110X120	132.50	0.339 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C56C3-110X120	265.00	0.325 U5EYA	0.00 U7DYB	0.00 U7DYB
RF	C57C4-110X120	0.00	0.417 U5EYA	0.41 U7DYB	0.22 U5EXA
RF	C57C4-110X120	225.00	0.112 U5EYA	0.41 U7DYB	0.22 U5EXA
RF	C57C4-110X120	450.00	0.651 U5EYA	0.41 U7DYB	0.22 U5EXA
4F	C57C4-110X120	0.00	0.478 U5EYA	0.37 U7EYA	0.13 U7EXA
4F	C57C4-110X120	190.00	0.172 U5DYA	0.40 U5EYA	0.13 U7EXA
4F	C57C4-110X120	380.00	0.360 U5EYA	0.40 U5EYA	0.13 U7EXA
3F	C57C4-110X120	0.00	0.417 U5EYA	0.30 U7EYA	0.08 U7EYA
3F	C57C4-110X120	190.00	0.263 U5EYA	0.30 U7EYA	0.08 U7EYA
3F	C57C4-110X120	380.00	0.324 U5DYA	0.30 U7EYA	0.08 U7EYA
2F	C57C4-110X120	0.00	0.351 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C57C4-110X120	190.00	0.340 U5EYA	0.00 U7DYB	0.00 U7DYB
2F	C57C4-110X120	380.00	0.356 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C57C4-110X120	0.00	0.463 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C57C4-110X120	132.50	0.393 U5EYA	0.00 U7DYB	0.00 U7DYB
1F	C57C4-110X120	265.00	0.351 U5EYA	0.00 U7DYB	0.00 U7DYB
3F	C58C4-110X120	0.00	0.205 U5DYA	0.25 U7DYB	0.07 U5EXA
3F	C58C4-110X120	205.00	0.089 U7EYA	0.25 U7DYB	0.07 U5EXA
3F	C58C4-110X120	410.00	0.315 U5EYA	0.25 U7DYB	0.07 U5EXA
2F	C58C4-110X120	0.00	0.784 U7EYA	0.36 U7EYA	0.12 U7EXA
2F	C58C4-110X120	205.00	0.284 U5EYA	0.36 U7EYA	0.12 U7EXA
2F	C58C4-110X120	410.00	0.220 U5EYA	0.41 U5EYA	0.12 U7EXA
3F	C59 C5-90X90	0.00	0.390 U5EYA	0.27 U7DYB	0.12 U5EXA
3F	C59 C5-90X90	205.00	0.073 U5EYA	0.27 U7DYB	0.12 U5EXA
3F	C59 C5-90X90	410.00	0.508 U5EYA	0.27 U7DYB	0.12 U5EXA
2F	C59 C5-90X90	0.00	0.603 U5EYA	0.24 U7EYA	0.10 U7EXA
2F	C59 C5-90X90	205.00	0.216 U5EYA	0.24 U7EYA	0.10 U7EXA
2F	C59 C5-90X90	410.00	0.367 U5EYA	0.27 U5EYA	0.10 U7EXA

(2) 樑桿件

ETABS v9.7.3 File:1204_EMP Units:Ton-cm December 7, 2023 8:34 PAGE 1

C O N C R E T E B E A M D E S I G N O U T P U T (ACI 318-08/IBC 2009)

FLEXURAL AND TORSION DESIGN OF BEAM-TYPE ELEMENTS

STORY ID	BEAM BAY	SECTION ID	STATION ID	<----------REQUIRED REINFORCING----------> TOP	COMBO	BOTTOM	COMBO	TORSION	COMBO
RF	B1	RGB90X120	60.00	28.4	U5EXA	14.7	U7EXA	49.3	U7DYB
RF	B1	RGB90X120	108.00	18.3	U5EXA	15.6	U7EXA	49.3	U7DYB
RF	B1	RGB90X120	156.00	9.5	U5EXA	16.1	U5EXA	49.3	U7DYB
RF	B1	RGB90X120	204.00	9.5	U5EXA	17.7	U5EXA	49.3	U7DYB
RF	B1	RGB90X120	252.00	9.5	U5EXA	18.5	U5EXA	49.3	U7DYB
RF	B1	RGB90X120	300.00	9.5	U5EXA	18.8	U5EXA	49.3	U7DYB
RF	B1	RGB90X120	300.00	9.5	U5EXA	18.8	U5EXA	49.3	U7DYB
RF	B1	RGB90X120	349.00	9.5	U5EXA	11.3	U5EXA	49.3	U7DYB
RF	B1	RGB90X120	398.00	9.5	U5EXA	9.5	U5EXA	49.3	U7DYB
RF	B1	RGB90X120	447.00	13.2	U5EXA	9.5	U5EXA	49.3	U7DYB
RF	B1	RGB90X120	496.00	25.5	U5EXA	9.5	U5EXA	49.3	U7DYB
RF	B1	RGB90X120	545.00	34.1	U5DYA	19.1	U5EXA	49.3	U7DYB
RF	B2	RGB90X120	55.00	34.4	U5EXA	22.6	U5EXA	49.3	U7DYA
RF	B2	RGB90X120	104.00	32.0	U5EXA	11.3	U5EXA	49.3	U7DYA
RF	B2	RGB90X120	153.00	19.1	U5EXA	11.3	U5EXA	49.3	U7DYA
RF	B2	RGB90X120	202.00	11.3	U5EXA	11.3	U5EXA	49.3	U7DYA
RF	B2	RGB90X120	251.00	11.3	U5EXA	12.4	U5EXA	49.3	U7DYA
RF	B2	RGB90X120	300.00	11.3	U5EXA	15.2	U5DXB	49.3	U7DYA
RF	B2	RGB90X120	300.00	11.3	U5EXA	15.2	U5DXB	49.3	U7DYA
RF	B2	RGB90X120	349.00	11.3	U5EXA	14.7	U5EXA	49.3	U7DYA
RF	B2	RGB90X120	398.00	11.3	U5EXA	14.3	U5EXA	49.3	U7DYA
RF	B2	RGB90X120	447.00	13.0	U7EXA	13.1	U5EXA	49.3	U7DYA
RF	B2	RGB90X120	496.00	21.9	U7EXA	11.3	U5EXA	49.3	U7DYA
RF	B2	RGB90X120	545.00	31.4	U7EXA	15.6	U7EXA	49.3	U7DYA
RF	B3	RGB90X120	55.00	32.0	U5EXA	15.9	U5EXA	0.0	U7DYB
RF	B3	RGB90X120	104.00	22.2	U7EXA	10.2	U5EXA	0.0	U7DYB
RF	B3	RGB90X120	153.00	13.1	U7EXA	12.1	U5EXA	0.0	U7DYB
RF	B3	RGB90X120	202.00	10.2	U5EXA	13.9	U5EXA	0.0	U7DYB
RF	B3	RGB90X120	251.00	10.2	U5EXA	15.0	U5EXA	0.0	U7DYB
RF	B3	RGB90X120	300.00	10.2	U5EXA	15.9	U5DXB	0.0	U7DYB
RF	B3	RGB90X120	300.00	10.2	U5EXA	15.9	U5DXB	0.0	U7DYB
RF	B3	RGB90X120	349.00	10.2	U5EXA	13.3	U5EXA	0.0	U7DYB
RF	B3	RGB90X120	398.00	10.2	U5EXA	10.5	U7EXA	0.0	U7DYB
RF	B3	RGB90X120	447.00	16.1	U5EXA	10.2	U5EXA	0.0	U7DYB
RF	B3	RGB90X120	496.00	28.4	U5EXA	10.2	U5EXA	0.0	U7DYB
RF	B3	RGB90X120	545.00	34.1	U5DXA	20.5	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	55.00	34.1	U5DXA	19.6	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	104.00	27.2	U5EXA	9.8	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	153.00	15.6	U5EXA	9.8	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	202.00	9.8	U5EXA	10.3	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	251.00	9.8	U5EXA	12.6	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	300.00	9.8	U5EXA	14.5	U5EYB	0.0	U7DYB
RF	B4	RGB90X120	300.00	9.8	U5EXA	14.5	U5EYB	0.0	U7DYB
RF	B4	RGB90X120	349.00	9.8	U5EXA	13.2	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	398.00	9.8	U5EXA	11.6	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	447.00	13.7	U5EXA	10.1	U7EXA	0.0	U7DYB
RF	B4	RGB90X120	496.00	24.6	U5EXA	9.8	U5EXA	0.0	U7DYB
RF	B4	RGB90X120	545.00	34.1	U5DXA	18.0	U5EXA	0.0	U7DYB
RF	B5	RGB90X120	55.00	34.1	U5DXA	19.4	U5EXA	0.0	U7DYB

RF	B5 RGB90X120	104.00	26.8	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B5 RGB90X120	153.00	15.1	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B5 RGB90X120	202.00	9.7	U5EXA	10.8	U5EXA	0.0 U7DYB
RF	B5 RGB90X120	251.00	9.7	U5EXA	13.1	U5EXA	0.0 U7DYB
RF	B5 RGB90X120	300.00	9.7	U5EXA	15.1	U5EYB	0.0 U7DYB
RF	B5 RGB90X120	300.00	9.7	U5EXA	15.1	U5EYB	0.0 U7DYB
RF	B5 RGB90X120	349.00	9.7	U5EXA	13.8	U5EXA	0.0 U7DYB
RF	B5 RGB90X120	398.00	9.7	U5EXA	12.2	U5EXA	0.0 U7DYB
RF	B5 RGB90X120	447.00	13.0	U5EXA	10.2	U7EXA	0.0 U7DYB
RF	B5 RGB90X120	496.00	23.9	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B5 RGB90X120	545.00	34.1	U5DXA	17.7	U5EXA	0.0 U7DYB
RF	B6 RGB90X120	55.00	34.1	U5DXA	19.4	U5EXA	0.0 U7DYB
RF	B6 RGB90X120	104.00	26.8	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B6 RGB90X120	153.00	15.1	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B6 RGB90X120	202.00	9.7	U5EXA	10.9	U5EXA	0.0 U7DYB
RF	B6 RGB90X120	251.00	9.7	U5EXA	13.2	U5EXA	0.0 U7DYB
RF	B6 RGB90X120	300.00	9.7	U5EXA	15.2	U5EYB	0.0 U7DYB
RF	B6 RGB90X120	300.00	9.7	U5EXA	15.2	U5EYB	0.0 U7DYB
RF	B6 RGB90X120	349.00	9.7	U5EXA	13.9	U5EXA	0.0 U7DYB
RF	B6 RGB90X120	398.00	9.7	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B6 RGB90X120	447.00	13.0	U5EXA	10.2	U7EXA	0.0 U7DYB
RF	B6 RGB90X120	496.00	23.9	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B6 RGB90X120	545.00	34.1	U5DXA	17.6	U5EXA	0.0 U7DYB
RF	B7 RGB90X120	55.00	34.1	U5DXA	19.5	U5EXA	0.0 U7DYB
RF	B7 RGB90X120	104.00	26.8	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B7 RGB90X120	153.00	15.1	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B7 RGB90X120	202.00	9.7	U5EXA	10.8	U5EXA	0.0 U7DYB
RF	B7 RGB90X120	251.00	9.7	U5EXA	13.2	U5EXA	0.0 U7DYB
RF	B7 RGB90X120	300.00	9.7	U5EXA	15.2	U5EYB	0.0 U7DYB
RF	B7 RGB90X120	300.00	9.7	U5EXA	15.2	U5EYB	0.0 U7DYB
RF	B7 RGB90X120	349.00	9.7	U5EXA	13.9	U5EXA	0.0 U7DYB
RF	B7 RGB90X120	398.00	9.7	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B7 RGB90X120	447.00	12.9	U5EXA	10.2	U7EXA	0.0 U7DYB
RF	B7 RGB90X120	496.00	23.8	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B7 RGB90X120	545.00	34.1	U5DXA	17.6	U5EXA	0.0 U7DYB
RF	B8 RGB90X120	55.00	34.1	U5DXA	19.5	U5EXA	0.0 U7DYB
RF	B8 RGB90X120	104.00	26.8	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B8 RGB90X120	153.00	15.2	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B8 RGB90X120	202.00	9.7	U5EXA	10.8	U5EXA	0.0 U7DYB
RF	B8 RGB90X120	251.00	9.7	U5EXA	13.2	U5EXA	0.0 U7DYB
RF	B8 RGB90X120	300.00	9.7	U5EXA	15.2	U5EYB	0.0 U7DYB
RF	B8 RGB90X120	300.00	9.7	U5EXA	15.2	U5EYB	0.0 U7DYB
RF	B8 RGB90X120	349.00	9.7	U5EXA	13.9	U5EXA	0.0 U7DYB
RF	B8 RGB90X120	398.00	9.7	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B8 RGB90X120	447.00	12.9	U5EXA	10.2	U7EXA	0.0 U7DYB
RF	B8 RGB90X120	496.00	23.7	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B8 RGB90X120	545.00	34.1	U5DXA	17.6	U5EXA	0.0 U7DYB
RF	B9 RGB90X120	55.00	34.1	U5DXA	19.5	U5EXA	0.0 U7DYB
RF	B9 RGB90X120	104.00	26.8	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B9 RGB90X120	153.00	15.2	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B9 RGB90X120	202.00	9.7	U5EXA	10.8	U5EXA	0.0 U7DYB
RF	B9 RGB90X120	251.00	9.7	U5EXA	13.1	U5EXA	0.0 U7DYB
RF	B9 RGB90X120	300.00	9.7	U5EXA	15.2	U5EYB	0.0 U7DYB
RF	B9 RGB90X120	300.00	9.7	U5EXA	15.2	U5EYB	0.0 U7DYB
RF	B9 RGB90X120	349.00	9.7	U5EXA	13.9	U5EXA	0.0 U7DYB
RF	B9 RGB90X120	398.00	9.7	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B9 RGB90X120	447.00	12.8	U5EXA	10.2	U7EXA	0.0 U7DYB
RF	B9 RGB90X120	496.00	23.6	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B9 RGB90X120	545.00	34.1	U5DXA	17.5	U5EXA	0.0 U7DYB
RF	B10 RGB90X120	55.00	34.1	U5DXA	19.5	U5EXA	0.0 U7DYB

RF	B10 RGB90X120	104.00	26.9	U5EXA	9.7	U5EXA	0.0	U7DYB
RF	B10 RGB90X120	153.00	15.2	U5EXA	9.7	U5EXA	0.0	U7DYB
RF	B10 RGB90X120	202.00	9.7	U5EXA	10.9	U5EXA	0.0	U7DYB
RF	B10 RGB90X120	251.00	9.7	U5EXA	13.3	U5EXA	0.0	U7DYB
RF	B10 RGB90X120	300.00	9.7	U5EXA	15.2	U5EYB	0.0	U7DYB
RF	B10 RGB90X120	300.00	9.7	U5EXA	15.2	U5EYB	0.0	U7DYB
RF	B10 RGB90X120	349.00	9.7	U5EXA	13.8	U5EXA	0.0	U7DYB
RF	B10 RGB90X120	398.00	9.7	U5EXA	12.2	U5EXA	0.0	U7DYB
RF	B10 RGB90X120	447.00	12.6	U5EXA	10.1	U7EXA	0.0	U7DYB
RF	B10 RGB90X120	496.00	23.4	U5EXA	9.7	U5EXA	0.0	U7DYB
RF	B10 RGB90X120	545.00	34.1	U5EXA	17.4	U5EXA	0.0	U7DYB
RF	B11 RGB90X120	55.00	34.1	U5DXA	19.7	U5EXA	0.0	U7DYB
RF	B11 RGB90X120	104.00	27.0	U5EXA	9.8	U5EXA	0.0	U7DYB
RF	B11 RGB90X120	153.00	15.1	U5EXA	9.8	U7EXA	0.0	U7DYB
RF	B11 RGB90X120	202.00	9.8	U5EXA	11.3	U5EXA	0.0	U7DYB
RF	B11 RGB90X120	251.00	9.8	U5EXA	13.5	U5EXA	0.0	U7DYB
RF	B11 RGB90X120	300.00	9.8	U5EXA	15.6	U5DXB	0.0	U7DYB
RF	B11 RGB90X120	300.00	9.8	U5EXA	15.6	U5DXB	0.0	U7DYB
RF	B11 RGB90X120	349.00	9.8	U5EXA	14.7	U5EXA	0.0	U7DYB
RF	B11 RGB90X120	398.00	9.8	U5EXA	13.3	U5EXA	0.0	U7DYB
RF	B11 RGB90X120	447.00	13.4	U5EXA	11.3	U7EXA	0.0	U7DYB
RF	B11 RGB90X120	496.00	24.4	U5EXA	10.3	U7EXA	0.0	U7DYB
RF	B11 RGB90X120	545.00	34.1	U5DXA	18.0	U5EXA	0.0	U7DYB
RF	B12 RGB90X120	55.00	34.1	U5EXA	16.9	U5EXA	0.0	U7DYB
RF	B12 RGB90X120	105.00	22.2	U5EXA	8.4	U5EXA	0.0	U7DYB
RF	B12 RGB90X120	155.00	11.1	U5EXA	8.4	U5EXA	0.0	U7DYB
RF	B12 RGB90X120	205.00	8.4	U5EXA	8.4	U5EXA	0.0	U7DYB
RF	B12 RGB90X120	255.00	8.4	U5EXA	8.6	U5EXB	0.0	U7DYB
RF	B12 RGB90X120	255.00	8.4	U5EXA	8.6	U5EXB	0.0	U7DYB
RF	B12 RGB90X120	305.00	8.4	U5EXA	8.4	U5EXA	0.0	U7DYB
RF	B12 RGB90X120	355.00	8.8	U7EXA	8.4	U5EXA	0.0	U7DYB
RF	B12 RGB90X120	405.00	18.5	U5EXA	8.4	U5EXA	0.0	U7DYB
RF	B12 RGB90X120	455.00	29.0	U5EXA	14.4	U5EXA	0.0	U7DYB
RF	B13 RGB90X120	55.00	36.5	U5EXA	24.0	U5EXA	0.0	U7DYB
RF	B13 RGB90X120	103.33	34.1	U5DXA	11.9	U5EXA	0.0	U7DYB
RF	B13 RGB90X120	151.67	23.1	U5EXA	11.9	U5EXA	0.0	U7DYB
RF	B13 RGB90X120	200.00	11.9	U5EXA	11.9	U5EXA	0.0	U7DYB
RF	B13 RGB90X120	248.33	11.9	U5EXA	11.9	U5EXA	0.0	U7DYB
RF	B13 RGB90X120	296.67	11.9	U5EXA	14.5	U5EXA	0.0	U7DYB
RF	B13 RGB90X120	345.00	11.9	U5EXA	18.1	U5EYB	0.0	U7DYB
RF	B13 RGB90X120	345.00	11.9	U5EXA	18.1	U5EYB	0.0	U7DYB
RF	B13 RGB90X120	393.33	11.9	U5EXA	15.9	U5EXA	0.0	U7DYB
RF	B13 RGB90X120	441.67	11.9	U5EXA	13.6	U5EXA	0.0	U7DYB
RF	B13 RGB90X120	490.00	11.9	U5EXA	11.9	U5EXA	0.0	U7DYB
RF	B13 RGB90X120	538.33	17.8	U5EXA	11.9	U5EXA	0.0	U7DYB
RF	B13 RGB90X120	586.67	28.7	U5EXA	11.9	U5EXA	0.0	U7DYB
RF	B13 RGB90X120	635.00	34.1	U5DXA	20.0	U5EXA	0.0	U7DYB
RF	B14 RGB90X120	55.00	50.0	U5EXA	32.7	U5EXA	49.3	U7DYB
RF	B14 RGB90X120	104.00	35.7	U5EXA	16.2	U5EXA	49.3	U7DYB
RF	B14 RGB90X120	153.00	29.7	U5EXA	16.2	U5EXA	49.3	U7DYB
RF	B14 RGB90X120	202.00	16.2	U5EXA	16.2	U5EXA	49.3	U7DYB
RF	B14 RGB90X120	251.00	16.2	U5EXA	17.2	U5EXA	49.3	U7DYB
RF	B14 RGB90X120	300.00	16.2	U5EXA	28.4	U5EXA	49.3	U7DYB
RF	B14 RGB90X120	300.00	16.2	U5EXA	28.4	U5EXA	49.3	U7DYB
RF	B14 RGB90X120	350.00	16.2	U5EXA	29.2	U5EXA	49.3	U7DYB
RF	B14 RGB90X120	400.00	16.2	U5EXA	29.3	U5EXA	49.3	U7DYB
RF	B14 RGB90X120	450.00	16.2	U5EXA	30.8	U5EXA	49.3	U7DYB
RF	B14 RGB90X120	500.00	16.2	U5EXA	33.5	U5EXA	49.3	U7DYB
RF	B14 RGB90X120	550.00	16.2	U5EXA	34.1	U5DXA	49.3	U7DYB
RF	B14 RGB90X120	600.00	16.2	U5EXA	34.1	U5DXA	49.3	U7DYB
RF	B14 RGB90X120	600.00	16.2	U5EXA	34.1	U5DXA	49.3	U7DYB

RF	B14	RGB90X120	649.00	16.2	U5EXA	27.4	U5EXA	49.3 U7DYB
RF	B14	RGB90X120	698.00	16.2	U5EXA	17.6	U5EXA	49.3 U7DYB
RF	B14	RGB90X120	747.00	19.7	U5EXA	16.2	U5EXA	49.3 U7DYB
RF	B14	RGB90X120	796.00	34.1	U5DXA	16.2	U5EXA	49.3 U7DYB
RF	B14	RGB90X120	845.00	39.1	U5EXA	25.7	U5EXA	49.3 U7DYB
RF	B17	G90X120	60.00	70.2	U5EYA	40.6	U7EYA	0.0 U7DYB
RF	B17	G90X120	108.42	59.4	U5EYA	39.7	U7EYA	0.0 U7DYB
RF	B17	G90X120	156.84	49.3	U5EYA	38.4	U7EYA	0.0 U7DYB
RF	B17	G90X120	205.26	40.0	U7EYA	36.7	U5EYA	0.0 U7DYB
RF	B17	G90X120	253.68	34.1	U7DYA	35.5	U5EYA	0.0 U7DYB
RF	B17	G90X120	302.11	33.9	U7EYA	34.1	U7DYA	0.0 U7DYB
RF	B17	G90X120	350.53	25.1	U7EYA	34.1	U7DYA	0.0 U7DYB
RF	B17	G90X120	398.95	22.5	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B17	G90X120	447.37	22.5	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B17	G90X120	495.79	22.5	U5EYA	26.9	U5EYA	0.0 U7DYB
RF	B17	G90X120	544.21	22.5	U5EYA	22.5	U5EYA	0.0 U7DYB
RF	B17	G90X120	592.63	22.5	U5EYA	22.5	U5EYA	0.0 U7DYB
RF	B17	G90X120	641.05	22.5	U5EYA	22.5	U5EYA	0.0 U7DYB
RF	B17	G90X120	689.47	22.5	U5EYA	22.5	U5EYA	0.0 U7DYB
RF	B17	G90X120	737.89	22.5	U5EYA	24.3	U5EYA	0.0 U7DYB
RF	B17	G90X120	786.32	23.2	U7EYA	26.5	U5EYA	0.0 U7DYB
RF	B17	G90X120	834.74	34.1	U5EYA	29.2	U7EYA	0.0 U7DYB
RF	B17	G90X120	883.16	34.8	U5EYA	31.5	U7EYA	0.0 U7DYB
RF	B17	G90X120	931.58	44.8	U5EYA	33.3	U7EYA	0.0 U7DYB
RF	B17	G90X120	980.00	55.5	U5EYA	34.1	U7EYA	0.0 U7DYB
RF	B24	RGG90X120	60.00	127.2	U5EYA	60.4	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	109.49	110.8	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	158.97	95.5	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	208.46	81.3	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	257.95	68.1	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	307.44	55.8	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	356.92	44.4	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	406.41	34.6	U7EYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	455.90	34.1	U7DYA	35.7	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	505.38	34.1	U7DYA	39.8	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	554.87	34.1	U7DYA	43.2	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	604.36	34.1	U7DYA	46.0	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	653.85	34.1	U7DYA	48.2	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	703.33	34.1	U7DYA	49.6	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	752.82	34.1	U7DYA	50.5	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	802.31	34.1	U7DYA	50.7	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	851.79	34.1	U7DYA	50.2	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	901.28	34.1	U7DYA	49.0	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	950.77	34.1	U7DYA	47.2	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	1000.26	34.1	U7DYA	44.8	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	1049.74	34.1	U7DYA	42.8	U5EYB	0.0 U7DYB
RF	B24	RGG90X120	1099.23	34.1	U7DYA	43.4	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	1148.72	34.1	U7DYA	44.3	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	1198.21	34.1	U7DYA	44.5	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	1247.69	34.1	U7DYA	44.0	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	1297.18	34.1	U7DYA	42.9	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	1346.67	34.1	U7DYA	41.1	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	1396.15	34.1	U7DYA	38.7	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	1445.64	34.1	U7DYA	35.6	U5EYA	0.0 U7DYB
RF	B24	RGG90X120	1495.13	34.1	U7DYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	1544.62	34.1	U7DYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	1594.10	34.1	U7DYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	1643.59	43.3	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	1693.08	54.9	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	1742.56	67.5	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	1792.05	81.0	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	1841.54	95.6	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	1891.03	111.2	U5EYA	34.1	U7DYA	0.0 U7DYB

RF	B24	RGG90X120	1940.51	128.0	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B24	RGG90X120	1990.00	146.1	U5EYA	68.7	U5EYA	0.0 U7DYB
RF	B25	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B25	RB90X110	50.00	31.2	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	100.00	31.2	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	150.00	31.2	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	200.00	31.2	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	250.00	31.2	U5EYA	37.5	U5EYB	0.0 U7DYB
RF	B25	RB90X110	300.00	31.2	U5EYA	43.5	U5EYB	0.0 U7DYB
RF	B25	RB90X110	350.00	31.2	U5EYA	49.1	U5EYB	0.0 U7DYB
RF	B25	RB90X110	400.00	31.2	U5EYA	54.0	U5EYB	0.0 U7DYB
RF	B25	RB90X110	450.00	31.2	U5EYA	58.4	U5EYB	0.0 U7DYB
RF	B25	RB90X110	500.00	31.2	U5EYA	62.2	U5EYB	0.0 U7DYB
RF	B25	RB90X110	550.00	31.2	U5EYA	65.4	U5EYB	0.0 U7DYB
RF	B25	RB90X110	600.00	31.2	U5EYA	67.9	U5EYA	0.0 U7DYB
RF	B25	RB90X110	650.00	31.2	U5EYA	70.0	U5EYA	0.0 U7DYB
RF	B25	RB90X110	700.00	31.2	U5EYA	71.3	U5EYA	0.0 U7DYB
RF	B25	RB90X110	750.00	31.2	U5EYA	72.1	U5EYA	0.0 U7DYB
RF	B25	RB90X110	800.00	31.2	U5EYA	72.3	U5EYA	0.0 U7DYB
RF	B25	RB90X110	850.00	31.2	U5EYA	71.8	U5EYA	0.0 U7DYB
RF	B25	RB90X110	900.00	31.2	U5EYA	70.7	U5EYA	0.0 U7DYB
RF	B25	RB90X110	950.00	31.2	U5EYA	68.9	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1000.00	31.2	U5EYA	66.6	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1050.00	31.2	U5EYA	63.6	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1100.00	31.2	U5EYA	60.0	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1150.00	31.2	U5EYA	55.9	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1200.00	31.2	U5EYA	51.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1250.00	31.2	U5EYA	45.9	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1300.00	31.2	U5EYA	40.1	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1350.00	31.2	U5EYA	33.7	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1400.00	31.2	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1450.00	31.2	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1500.00	31.2	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1550.00	31.2	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1600.00	31.2	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1650.00	31.2	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1700.00	36.5	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1750.00	48.1	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1800.00	60.5	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1850.00	73.7	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1900.00	88.0	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	1950.00	103.3	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	2000.00	119.6	U5EYA	31.2	U5EYA	0.0 U7DYB
RF	B25	RB90X110	2050.00	136.9	U5EYA	64.2	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	60.00	76.6	U5EYA	37.2	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	109.55	65.4	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	159.10	54.8	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	208.65	45.0	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	258.21	35.8	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	307.76	34.1	U7EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	357.31	33.0	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	406.86	33.0	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B26	RGG90X120	456.41	33.0	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B26	RGG90X120	505.96	33.0	U5EYA	37.4	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	555.51	33.0	U5EYA	40.5	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	605.06	33.0	U5EYA	43.1	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	654.62	33.0	U5EYA	45.2	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	704.17	33.0	U5EYA	46.7	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	753.72	33.0	U5EYA	47.6	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	803.27	33.0	U5EYA	48.1	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	852.82	33.0	U5EYA	47.9	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	902.37	33.0	U5EYA	47.3	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	951.92	33.0	U5EYA	46.0	U5EYA	0.0 U7DYB

RF	B26	RGG90X120	1001.47	33.0	U5EYA	44.3	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1051.03	33.0	U5EYA	41.9	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1100.58	33.0	U5EYA	39.2	U5DYA	0.0 U7DYB
RF	B26	RGG90X120	1150.13	33.0	U5EYA	36.2	U5DYA	0.0 U7DYB
RF	B26	RGG90X120	1199.68	33.0	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	1249.23	33.0	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	1298.78	33.0	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B26	RGG90X120	1348.33	33.0	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B26	RGG90X120	1397.88	33.0	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1447.44	33.0	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1496.99	33.0	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1546.54	33.0	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1596.09	33.0	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1645.64	34.1	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1695.19	34.7	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1744.74	44.6	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1794.29	55.2	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1843.85	66.5	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1893.40	78.7	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1942.95	91.6	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B26	RGG90X120	1992.50	105.3	U5EYA	50.5	U5EYA	0.0 U7DYB
RF	B27	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B27	RB90X110	50.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	100.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	150.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	200.00	30.9	U5DYB	30.9	U5EYB	0.0 U7DYB
RF	B27	RB90X110	250.00	30.9	U5DYB	37.6	U5EYB	0.0 U7DYB
RF	B27	RB90X110	300.00	30.9	U5DYB	43.7	U5EYB	0.0 U7DYB
RF	B27	RB90X110	350.00	30.9	U5DYB	49.2	U5EYB	0.0 U7DYB
RF	B27	RB90X110	400.00	30.9	U5DYB	54.2	U5EYB	0.0 U7DYB
RF	B27	RB90X110	450.00	30.9	U5DYB	58.6	U5EYB	0.0 U7DYB
RF	B27	RB90X110	500.00	30.9	U5DYB	62.4	U5EYB	0.0 U7DYB
RF	B27	RB90X110	550.00	30.9	U5DYB	65.6	U5EYB	0.0 U7DYB
RF	B27	RB90X110	600.00	30.9	U5DYB	68.2	U5EYB	0.0 U7DYB
RF	B27	RB90X110	650.00	30.9	U5DYB	70.1	U5EYB	0.0 U7DYB
RF	B27	RB90X110	700.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B27	RB90X110	750.00	30.9	U5DYB	72.1	U5EYB	0.0 U7DYB
RF	B27	RB90X110	800.00	30.9	U5DYB	72.1	U5EYB	0.0 U7DYB
RF	B27	RB90X110	850.00	30.9	U5DYB	71.5	U5EYB	0.0 U7DYB
RF	B27	RB90X110	900.00	30.9	U5DYB	70.3	U5EYB	0.0 U7DYB
RF	B27	RB90X110	950.00	30.9	U5DYB	68.4	U5EYB	0.0 U7DYB
RF	B27	RB90X110	1000.00	30.9	U5DYB	65.9	U5EYB	0.0 U7DYB
RF	B27	RB90X110	1050.00	30.9	U5DYB	62.8	U5EYB	0.0 U7DYB
RF	B27	RB90X110	1100.00	30.9	U5DYB	59.0	U5EYB	0.0 U7DYB
RF	B27	RB90X110	1150.00	30.9	U5DYB	54.7	U5EYA	0.0 U7DYB
RF	B27	RB90X110	1200.00	30.9	U5DYB	50.0	U5EYA	0.0 U7DYB
RF	B27	RB90X110	1250.00	30.9	U5DYB	44.6	U5EYA	0.0 U7DYB
RF	B27	RB90X110	1300.00	30.9	U5DYB	38.8	U5EYA	0.0 U7DYB
RF	B27	RB90X110	1350.00	30.9	U5DYB	32.4	U5EYA	0.0 U7DYB
RF	B27	RB90X110	1400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	1450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	1500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	1550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	1600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	1650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	1700.00	31.5	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	1750.00	42.8	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	1800.00	54.9	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	1850.00	67.9	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	1900.00	81.9	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	1950.00	96.9	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	2000.00	113.1	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B27	RB90X110	2050.00	130.2	U5EYB	61.3	U5EYB	0.0 U7DYB

RF	B28	RGG90X120	60.00	72.9	U5EYA	35.4	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	109.55	61.7	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	159.10	51.1	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	208.65	41.3	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	258.21	34.1	U5DYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	307.76	31.5	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	357.31	29.2	U5EYA	30.4	U7EYA	0.0 U7DYB
RF	B28	RGG90X120	406.86	29.2	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	456.41	29.2	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B28	RGG90X120	505.96	29.2	U5EYA	36.3	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	555.51	29.2	U5EYA	39.9	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	605.06	29.2	U5EYA	42.9	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	654.62	29.2	U5EYA	45.4	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	704.17	29.2	U5EYA	47.3	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	753.72	29.2	U5EYA	48.7	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	803.27	29.2	U5EYA	49.5	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	852.82	29.2	U5EYA	49.8	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	902.37	29.2	U5EYA	49.6	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	951.92	29.2	U5EYA	48.8	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	1001.47	29.2	U5EYA	47.4	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	1051.03	29.2	U5EYA	45.6	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	1100.58	29.2	U5EYA	43.4	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	1150.13	29.2	U5EYA	40.9	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	1199.68	29.2	U5EYA	38.4	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	1249.23	29.2	U5EYA	36.1	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	1298.78	29.2	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B28	RGG90X120	1348.33	29.2	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B28	RGG90X120	1397.88	29.2	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B28	RGG90X120	1447.44	29.2	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	1496.99	29.2	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	1546.54	29.2	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	1596.09	29.2	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	1645.64	29.2	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	1695.19	34.1	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	1744.74	35.2	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	1794.29	45.2	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	1843.85	55.9	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	1893.40	67.4	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	1942.95	79.6	U5EYA	29.2	U5EYA	0.0 U7DYB
RF	B28	RGG90X120	1992.50	92.6	U5EYA	44.6	U5EYA	0.0 U7DYB
RF	B29	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B29	RB90X110	50.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	100.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	150.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	200.00	30.9	U5DYB	30.9	U5EYB	0.0 U7DYB
RF	B29	RB90X110	250.00	30.9	U5DYB	37.6	U5EYB	0.0 U7DYB
RF	B29	RB90X110	300.00	30.9	U5DYB	43.7	U5EYB	0.0 U7DYB
RF	B29	RB90X110	350.00	30.9	U5DYB	49.2	U5EYB	0.0 U7DYB
RF	B29	RB90X110	400.00	30.9	U5DYB	54.2	U5EYB	0.0 U7DYB
RF	B29	RB90X110	450.00	30.9	U5DYB	58.6	U5EYB	0.0 U7DYB
RF	B29	RB90X110	500.00	30.9	U5DYB	62.4	U5EYB	0.0 U7DYB
RF	B29	RB90X110	550.00	30.9	U5DYB	65.6	U5EYB	0.0 U7DYB
RF	B29	RB90X110	600.00	30.9	U5DYB	68.2	U5EYB	0.0 U7DYB
RF	B29	RB90X110	650.00	30.9	U5DYB	70.1	U5EYB	0.0 U7DYB
RF	B29	RB90X110	700.00	30.9	U5DYB	71.5	U5EYB	0.0 U7DYB
RF	B29	RB90X110	750.00	30.9	U5DYB	72.1	U5EYB	0.0 U7DYB
RF	B29	RB90X110	800.00	30.9	U5DYB	72.2	U5EYB	0.0 U7DYB
RF	B29	RB90X110	850.00	30.9	U5DYB	71.6	U5EYB	0.0 U7DYB
RF	B29	RB90X110	900.00	30.9	U5DYB	70.3	U5EYB	0.0 U7DYB
RF	B29	RB90X110	950.00	30.9	U5DYB	68.4	U5EYB	0.0 U7DYB
RF	B29	RB90X110	1000.00	30.9	U5DYB	65.9	U5EYB	0.0 U7DYB
RF	B29	RB90X110	1050.00	30.9	U5DYB	62.8	U5EYB	0.0 U7DYB
RF	B29	RB90X110	1100.00	30.9	U5DYB	59.1	U5EYB	0.0 U7DYB
RF	B29	RB90X110	1150.00	30.9	U5DYB	54.7	U5EYB	0.0 U7DYB

RF	B29	RB90X110	1200.00	30.9	U5DYB	50.0	U5EYA	0.0 U7DYB
RF	B29	RB90X110	1250.00	30.9	U5DYB	44.6	U5EYA	0.0 U7DYB
RF	B29	RB90X110	1300.00	30.9	U5DYB	38.8	U5EYA	0.0 U7DYB
RF	B29	RB90X110	1350.00	30.9	U5DYB	32.4	U5EYA	0.0 U7DYB
RF	B29	RB90X110	1400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	1450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	1500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	1550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	1600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	1650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	1700.00	31.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	1750.00	42.6	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	1800.00	54.7	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	1850.00	67.7	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	1900.00	81.7	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	1950.00	96.7	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	2000.00	112.9	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B29	RB90X110	2050.00	130.1	U5EYB	61.2	U5EYB	0.0 U7DYB
RF	B30	RGG90X120	60.00	62.8	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	109.55	52.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	159.10	42.5	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	208.65	34.1	U7DYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	258.21	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	307.76	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	357.31	33.4	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	406.86	33.4	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B30	RGG90X120	456.41	33.4	U5EYA	36.1	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	505.96	33.4	U5EYA	39.6	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	555.51	33.4	U5EYA	42.6	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	605.06	33.4	U5EYA	45.1	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	654.62	33.4	U5EYA	47.0	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	704.17	33.4	U5EYA	48.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	753.72	33.4	U5EYA	49.3	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	803.27	33.4	U5EYA	49.6	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	852.82	33.4	U5EYA	49.3	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	902.37	33.4	U5EYA	48.5	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	951.92	33.4	U5EYA	47.2	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1001.47	33.4	U5EYA	45.3	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1051.03	33.4	U5EYA	42.9	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	1100.58	33.4	U5EYA	40.2	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	1150.13	33.4	U5EYA	37.2	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	1199.68	33.4	U5EYA	34.4	U5DYA	0.0 U7DYB
RF	B30	RGG90X120	1249.23	33.4	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B30	RGG90X120	1298.78	33.4	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B30	RGG90X120	1348.33	33.4	U5EYA	34.1	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1397.88	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1447.44	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1496.99	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1546.54	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1596.09	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1645.64	34.1	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1695.19	35.3	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1744.74	45.3	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1794.29	56.0	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1843.85	67.5	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1893.40	79.7	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1942.95	92.8	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B30	RGG90X120	1992.50	106.7	U5EYA	51.1	U5EYA	0.0 U7DYB
RF	B31	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B31	RB90X110	50.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B31	RB90X110	100.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B31	RB90X110	150.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B31	RB90X110	200.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB

RF	B31	RB90X110	250.00	30.9	U5DYB	37.3 U5EYB	0.0	U7DYB
RF	B31	RB90X110	300.00	30.9	U5DYB	43.4 U5EYB	0.0	U7DYB
RF	B31	RB90X110	350.00	30.9	U5DYB	48.8 U5EYB	0.0	U7DYB
RF	B31	RB90X110	400.00	30.9	U5DYB	53.8 U5EYB	0.0	U7DYB
RF	B31	RB90X110	450.00	30.9	U5DYB	58.1 U5EYB	0.0	U7DYB
RF	B31	RB90X110	500.00	30.9	U5DYB	61.8 U5EYB	0.0	U7DYB
RF	B31	RB90X110	550.00	30.9	U5DYB	65.0 U5EYB	0.0	U7DYB
RF	B31	RB90X110	600.00	30.9	U5DYB	67.5 U5EYB	0.0	U7DYB
RF	B31	RB90X110	650.00	30.9	U5DYB	69.4 U5EYB	0.0	U7DYB
RF	B31	RB90X110	700.00	30.9	U5DYB	70.6 U5EYB	0.0	U7DYB
RF	B31	RB90X110	750.00	30.9	U5DYB	71.3 U5EYB	0.0	U7DYB
RF	B31	RB90X110	800.00	30.9	U5DYB	71.2 U5EYB	0.0	U7DYB
RF	B31	RB90X110	850.00	30.9	U5DYB	70.6 U5EYB	0.0	U7DYB
RF	B31	RB90X110	900.00	30.9	U5DYB	69.3 U5EYB	0.0	U7DYB
RF	B31	RB90X110	950.00	30.9	U5DYB	67.4 U5EYB	0.0	U7DYB
RF	B31	RB90X110	1000.00	30.9	U5DYB	64.8 U5EYB	0.0	U7DYB
RF	B31	RB90X110	1050.00	30.9	U5DYB	61.6 U5EYB	0.0	U7DYB
RF	B31	RB90X110	1100.00	30.9	U5DYB	57.8 U5EYB	0.0	U7DYB
RF	B31	RB90X110	1150.00	30.9	U5DYB	53.5 U5EYA	0.0	U7DYB
RF	B31	RB90X110	1200.00	30.9	U5DYB	48.7 U5EYA	0.0	U7DYB
RF	B31	RB90X110	1250.00	30.9	U5DYB	43.3 U5EYA	0.0	U7DYB
RF	B31	RB90X110	1300.00	30.9	U5DYB	37.4 U5EYA	0.0	U7DYB
RF	B31	RB90X110	1350.00	30.9	U5DYB	31.0 U5EYA	0.0	U7DYB
RF	B31	RB90X110	1400.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B31	RB90X110	1450.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B31	RB90X110	1500.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B31	RB90X110	1550.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B31	RB90X110	1600.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B31	RB90X110	1650.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B31	RB90X110	1700.00	33.2	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B31	RB90X110	1750.00	44.6	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B31	RB90X110	1800.00	56.8	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B31	RB90X110	1850.00	69.9	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B31	RB90X110	1900.00	84.0	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B31	RB90X110	1950.00	99.1	U5EYB	30.9 U5DYB	0.0	U7DYB
RF	B31	RB90X110	2000.00	115.5	U5EYB	30.9 U5DYB	0.0	U7DYB
RF	B31	RB90X110	2050.00	132.8	U5EYB	62.4 U5EYB	0.0	U7DYB
RF	B32	RGG90X120	60.00	60.6	U5EYA	34.1 U5DYA	0.0	U7DYB
RF	B32	RGG90X120	109.55	50.3	U5EYA	33.6 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	159.10	40.6	U5EYA	33.6 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	208.65	34.1	U7DYA	33.6 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	258.21	33.6	U5EYA	33.6 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	307.76	33.6	U5EYA	33.6 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	357.31	33.6	U5EYA	34.1 U5DYA	0.0	U7DYB
RF	B32	RGG90X120	406.86	33.6	U5EYA	34.1 U7DYA	0.0	U7DYB
RF	B32	RGG90X120	456.41	33.6	U5EYA	36.6 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	505.96	33.6	U5EYA	40.1 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	555.51	33.6	U5EYA	43.1 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	605.06	33.6	U5EYA	45.5 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	654.62	33.6	U5EYA	47.4 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	704.17	33.6	U5EYA	48.8 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	753.72	33.6	U5EYA	49.6 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	803.27	33.6	U5EYA	49.9 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	852.82	33.6	U5EYA	49.6 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	902.37	33.6	U5EYA	48.8 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	951.92	33.6	U5EYA	47.4 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	1001.47	33.6	U5EYA	45.5 U5EYA	0.0	U7DYB
RF	B32	RGG90X120	1051.03	33.6	U5EYA	43.1 U5DYA	0.0	U7DYB
RF	B32	RGG90X120	1100.58	33.6	U5EYA	40.3 U5DYA	0.0	U7DYB
RF	B32	RGG90X120	1150.13	33.6	U5EYA	37.3 U5DYA	0.0	U7DYB
RF	B32	RGG90X120	1199.68	33.6	U5EYA	34.5 U5DYA	0.0	U7DYB
RF	B32	RGG90X120	1249.23	33.6	U5EYA	34.1 U5DYB	0.0	U7DYB
RF	B32	RGG90X120	1298.78	33.6	U5EYA	34.1 U5DYB	0.0	U7DYB
RF	B32	RGG90X120	1348.33	33.6	U5EYA	34.1 U5EYA	0.0	U7DYB

RF	B32	RGG90X120	1397.88	33.6	U5EYA	33.6	U5EYA	0.0 U7DYB
RF	B32	RGG90X120	1447.44	33.6	U5EYA	33.6	U5EYA	0.0 U7DYB
RF	B32	RGG90X120	1496.99	33.6	U5EYA	33.6	U5EYA	0.0 U7DYB
RF	B32	RGG90X120	1546.54	33.6	U5EYA	33.6	U5EYA	0.0 U7DYB
RF	B32	RGG90X120	1596.09	33.6	U5EYA	33.6	U5EYA	0.0 U7DYB
RF	B32	RGG90X120	1645.64	34.1	U5EYA	33.6	U5EYA	0.0 U7DYB
RF	B32	RGG90X120	1695.19	35.7	U5EYA	33.6	U5EYA	0.0 U7DYB
RF	B32	RGG90X120	1744.74	45.7	U5EYA	33.6	U5EYA	0.0 U7DYB
RF	B32	RGG90X120	1794.29	56.5	U5EYA	33.6	U5EYA	0.0 U7DYB
RF	B32	RGG90X120	1843.85	68.0	U5EYA	33.6	U5EYA	0.0 U7DYB
RF	B32	RGG90X120	1893.40	80.3	U5EYA	33.6	U5EYA	0.0 U7DYB
RF	B32	RGG90X120	1942.95	93.4	U5EYA	33.6	U5EYA	0.0 U7DYB
RF	B32	RGG90X120	1992.50	107.4	U5EYA	51.4	U5EYA	0.0 U7DYB
RF	B33	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B33	RB90X110	50.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	100.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	150.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	200.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	250.00	30.9	U5DYB	37.3	U5EYB	0.0 U7DYB
RF	B33	RB90X110	300.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B33	RB90X110	350.00	30.9	U5DYB	48.8	U5EYB	0.0 U7DYB
RF	B33	RB90X110	400.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B33	RB90X110	450.00	30.9	U5DYB	58.1	U5EYB	0.0 U7DYB
RF	B33	RB90X110	500.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B33	RB90X110	550.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B33	RB90X110	600.00	30.9	U5DYB	67.5	U5EYB	0.0 U7DYB
RF	B33	RB90X110	650.00	30.9	U5DYB	69.4	U5EYB	0.0 U7DYB
RF	B33	RB90X110	700.00	30.9	U5DYB	70.7	U5EYB	0.0 U7DYB
RF	B33	RB90X110	750.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B33	RB90X110	800.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B33	RB90X110	850.00	30.9	U5DYB	70.6	U5EYB	0.0 U7DYB
RF	B33	RB90X110	900.00	30.9	U5DYB	69.3	U5EYB	0.0 U7DYB
RF	B33	RB90X110	950.00	30.9	U5DYB	67.4	U5EYB	0.0 U7DYB
RF	B33	RB90X110	1000.00	30.9	U5DYB	64.8	U5EYB	0.0 U7DYB
RF	B33	RB90X110	1050.00	30.9	U5DYB	61.6	U5EYB	0.0 U7DYB
RF	B33	RB90X110	1100.00	30.9	U5DYB	57.9	U5EYB	0.0 U7DYB
RF	B33	RB90X110	1150.00	30.9	U5DYB	53.5	U5EYB	0.0 U7DYB
RF	B33	RB90X110	1200.00	30.9	U5DYB	48.7	U5EYA	0.0 U7DYB
RF	B33	RB90X110	1250.00	30.9	U5DYB	43.3	U5EYA	0.0 U7DYB
RF	B33	RB90X110	1300.00	30.9	U5DYB	37.4	U5EYA	0.0 U7DYB
RF	B33	RB90X110	1350.00	30.9	U5DYB	31.0	U5EYA	0.0 U7DYB
RF	B33	RB90X110	1400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	1450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	1500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	1550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	1600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	1650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	1700.00	33.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	1750.00	44.5	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	1800.00	56.7	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	1850.00	69.8	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	1900.00	83.9	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	1950.00	99.1	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	2000.00	115.4	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B33	RB90X110	2050.00	132.7	U5EYB	62.4	U5EYB	0.0 U7DYB
RF	B34	RGG90X120	60.00	59.9	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B34	RGG90X120	109.55	49.6	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	159.10	39.9	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	208.65	34.1	U7DYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	258.21	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	307.76	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	357.31	33.4	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B34	RGG90X120	406.86	33.4	U5EYA	34.1	U5DYA	0.0 U7DYB

RF	B34	RGG90X120	456.41	33.4	U5EYA	36.3	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	505.96	33.4	U5EYA	39.8	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	555.51	33.4	U5EYA	42.8	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	605.06	33.4	U5EYA	45.3	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	654.62	33.4	U5EYA	47.2	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	704.17	33.4	U5EYA	48.6	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	753.72	33.4	U5EYA	49.5	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	803.27	33.4	U5EYA	49.8	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	852.82	33.4	U5EYA	49.5	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	902.37	33.4	U5EYA	48.7	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	951.92	33.4	U5EYA	47.3	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1001.47	33.4	U5EYA	45.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1051.03	33.4	U5EYA	43.2	U5DYA	0.0 U7DYB
RF	B34	RGG90X120	1100.58	33.4	U5EYA	40.5	U5DYA	0.0 U7DYB
RF	B34	RGG90X120	1150.13	33.4	U5EYA	37.5	U5DYA	0.0 U7DYB
RF	B34	RGG90X120	1199.68	33.4	U5EYA	34.6	U5DYA	0.0 U7DYB
RF	B34	RGG90X120	1249.23	33.4	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B34	RGG90X120	1298.78	33.4	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B34	RGG90X120	1348.33	33.4	U5EYA	34.1	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1397.88	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1447.44	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1496.99	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1546.54	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1596.09	33.4	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1645.64	34.1	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1695.19	35.3	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1744.74	45.3	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1794.29	56.0	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1843.85	67.5	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1893.40	79.8	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1942.95	92.9	U5EYA	33.4	U5EYA	0.0 U7DYB
RF	B34	RGG90X120	1992.50	106.8	U5EYA	51.1	U5EYA	0.0 U7DYB

RF	B35	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B35	RB90X110	50.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	100.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	150.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	200.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	250.00	30.9	U5DYB	37.3	U5EYB	0.0 U7DYB
RF	B35	RB90X110	300.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B35	RB90X110	350.00	30.9	U5DYB	48.8	U5EYB	0.0 U7DYB
RF	B35	RB90X110	400.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B35	RB90X110	450.00	30.9	U5DYB	58.1	U5EYB	0.0 U7DYB
RF	B35	RB90X110	500.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B35	RB90X110	550.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B35	RB90X110	600.00	30.9	U5DYB	67.5	U5EYB	0.0 U7DYB
RF	B35	RB90X110	650.00	30.9	U5DYB	69.4	U5EYB	0.0 U7DYB
RF	B35	RB90X110	700.00	30.9	U5DYB	70.7	U5EYB	0.0 U7DYB
RF	B35	RB90X110	750.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B35	RB90X110	800.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B35	RB90X110	850.00	30.9	U5DYB	70.6	U5EYB	0.0 U7DYB
RF	B35	RB90X110	900.00	30.9	U5DYB	69.3	U5EYB	0.0 U7DYB
RF	B35	RB90X110	950.00	30.9	U5DYB	67.4	U5EYB	0.0 U7DYB
RF	B35	RB90X110	1000.00	30.9	U5DYB	64.8	U5EYB	0.0 U7DYB
RF	B35	RB90X110	1050.00	30.9	U5DYB	61.6	U5EYB	0.0 U7DYB
RF	B35	RB90X110	1100.00	30.9	U5DYB	57.9	U5EYB	0.0 U7DYB
RF	B35	RB90X110	1150.00	30.9	U5DYB	53.5	U5EYB	0.0 U7DYB
RF	B35	RB90X110	1200.00	30.9	U5DYB	48.6	U5EYA	0.0 U7DYB
RF	B35	RB90X110	1250.00	30.9	U5DYB	43.3	U5EYA	0.0 U7DYB
RF	B35	RB90X110	1300.00	30.9	U5DYB	37.4	U5EYA	0.0 U7DYB
RF	B35	RB90X110	1350.00	30.9	U5DYB	30.9	U5EYA	0.0 U7DYB
RF	B35	RB90X110	1400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	1450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	1500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	1550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB

RF	B35	RB90X110	1600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	1650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	1700.00	33.1	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	1750.00	44.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	1800.00	56.6	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	1850.00	69.7	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	1900.00	83.8	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	1950.00	99.0	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	2000.00	115.3	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B35	RB90X110	2050.00	132.6	U5EYB	62.4	U5EYB	0.0 U7DYB
RF	B36	RGG90X120	60.00	59.3	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B36	RGG90X120	109.55	49.1	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	159.10	39.5	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	208.65	34.1	U7DYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	258.21	33.3	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	307.76	33.3	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	357.31	33.3	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B36	RGG90X120	406.86	33.3	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B36	RGG90X120	456.41	33.3	U5EYA	35.8	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	505.96	33.3	U5EYA	39.4	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	555.51	33.3	U5EYA	42.4	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	605.06	33.3	U5EYA	44.9	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	654.62	33.3	U5EYA	46.9	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	704.17	33.3	U5EYA	48.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	753.72	33.3	U5EYA	49.2	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	803.27	33.3	U5EYA	49.5	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	852.82	33.3	U5EYA	49.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	902.37	33.3	U5EYA	48.5	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	951.92	33.3	U5EYA	47.2	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1001.47	33.3	U5EYA	45.4	U5DYA	0.0 U7DYB
RF	B36	RGG90X120	1051.03	33.3	U5EYA	43.2	U5DYA	0.0 U7DYB
RF	B36	RGG90X120	1100.58	33.3	U5EYA	40.5	U5DYA	0.0 U7DYB
RF	B36	RGG90X120	1150.13	33.3	U5EYA	37.6	U5DYA	0.0 U7DYB
RF	B36	RGG90X120	1199.68	33.3	U5EYA	34.7	U5DYA	0.0 U7DYB
RF	B36	RGG90X120	1249.23	33.3	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B36	RGG90X120	1298.78	33.3	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B36	RGG90X120	1348.33	33.3	U5EYA	34.1	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1397.88	33.3	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1447.44	33.3	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1496.99	33.3	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1546.54	33.3	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1596.09	33.3	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1645.64	34.1	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1695.19	35.0	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1744.74	44.9	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1794.29	55.6	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1843.85	67.1	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1893.40	79.3	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1942.95	92.4	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B36	RGG90X120	1992.50	106.2	U5EYA	50.9	U5EYA	0.0 U7DYB
RF	B37	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B37	RB90X110	50.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	100.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	150.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	200.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	250.00	30.9	U5DYB	37.3	U5EYB	0.0 U7DYB
RF	B37	RB90X110	300.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B37	RB90X110	350.00	30.9	U5DYB	48.8	U5EYB	0.0 U7DYB
RF	B37	RB90X110	400.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B37	RB90X110	450.00	30.9	U5DYB	58.1	U5EYB	0.0 U7DYB
RF	B37	RB90X110	500.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B37	RB90X110	550.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B37	RB90X110	600.00	30.9	U5DYB	67.5	U5EYB	0.0 U7DYB

RF	B37	RB90X110	650.00	30.9	U5DYB	69.4	U5EYB	0.0 U7DYB
RF	B37	RB90X110	700.00	30.9	U5DYB	70.7	U5EYB	0.0 U7DYB
RF	B37	RB90X110	750.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B37	RB90X110	800.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B37	RB90X110	850.00	30.9	U5DYB	70.6	U5EYB	0.0 U7DYB
RF	B37	RB90X110	900.00	30.9	U5DYB	69.3	U5EYB	0.0 U7DYB
RF	B37	RB90X110	950.00	30.9	U5DYB	67.4	U5EYB	0.0 U7DYB
RF	B37	RB90X110	1000.00	30.9	U5DYB	64.8	U5EYB	0.0 U7DYB
RF	B37	RB90X110	1050.00	30.9	U5DYB	61.6	U5EYB	0.0 U7DYB
RF	B37	RB90X110	1100.00	30.9	U5DYB	57.9	U5EYB	0.0 U7DYB
RF	B37	RB90X110	1150.00	30.9	U5DYB	53.5	U5EYB	0.0 U7DYB
RF	B37	RB90X110	1200.00	30.9	U5DYB	48.6	U5EYA	0.0 U7DYB
RF	B37	RB90X110	1250.00	30.9	U5DYB	43.3	U5EYA	0.0 U7DYB
RF	B37	RB90X110	1300.00	30.9	U5DYB	37.3	U5EYA	0.0 U7DYB
RF	B37	RB90X110	1350.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	1400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	1450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	1500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	1550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	1600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	1650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	1700.00	33.0	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	1750.00	44.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	1800.00	56.6	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	1850.00	69.7	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	1900.00	83.7	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	1950.00	99.0	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	2000.00	115.3	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B37	RB90X110	2050.00	132.6	U5EYB	62.3	U5EYB	0.0 U7DYB
RF	B38	RGG90X120	60.00	58.8	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	109.55	48.6	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	159.10	39.0	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	208.65	34.1	U5DYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	258.21	33.1	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	307.76	33.1	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	357.31	33.1	U5EYA	34.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	406.86	33.1	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	456.41	33.1	U5EYA	35.3	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	505.96	33.1	U5EYA	38.9	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	555.51	33.1	U5EYA	42.0	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	605.06	33.1	U5EYA	44.5	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	654.62	33.1	U5EYA	46.5	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	704.17	33.1	U5EYA	48.0	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	753.72	33.1	U5EYA	48.9	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	803.27	33.1	U5EYA	49.2	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	852.82	33.1	U5EYA	49.0	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	902.37	33.1	U5EYA	48.3	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	951.92	33.1	U5EYA	47.0	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	1001.47	33.1	U5EYA	45.3	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	1051.03	33.1	U5EYA	43.2	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	1100.58	33.1	U5EYA	40.6	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	1150.13	33.1	U5EYA	37.6	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	1199.68	33.1	U5EYA	34.7	U5DYA	0.0 U7DYB
RF	B38	RGG90X120	1249.23	33.1	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B38	RGG90X120	1298.78	33.1	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B38	RGG90X120	1348.33	33.1	U5EYA	34.0	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	1397.88	33.1	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	1447.44	33.1	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	1496.99	33.1	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	1546.54	33.1	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	1596.09	33.1	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	1645.64	33.8	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	1695.19	34.6	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	1744.74	44.6	U5EYA	33.1	U5EYA	0.0 U7DYB

RF	B38	RGG90X120	1794.29	55.2	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	1843.85	66.6	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	1893.40	78.8	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	1942.95	91.8	U5EYA	33.1	U5EYA	0.0 U7DYB
RF	B38	RGG90X120	1992.50	105.6	U5EYA	50.6	U5EYA	0.0 U7DYB
RF	B39	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B39	RB90X110	50.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	100.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	150.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	200.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	250.00	30.9	U5DYB	37.3	U5EYB	0.0 U7DYB
RF	B39	RB90X110	300.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B39	RB90X110	350.00	30.9	U5DYB	48.8	U5EYB	0.0 U7DYB
RF	B39	RB90X110	400.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B39	RB90X110	450.00	30.9	U5DYB	58.1	U5EYB	0.0 U7DYB
RF	B39	RB90X110	500.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B39	RB90X110	550.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B39	RB90X110	600.00	30.9	U5DYB	67.5	U5EYB	0.0 U7DYB
RF	B39	RB90X110	650.00	30.9	U5DYB	69.4	U5EYB	0.0 U7DYB
RF	B39	RB90X110	700.00	30.9	U5DYB	70.7	U5EYB	0.0 U7DYB
RF	B39	RB90X110	750.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B39	RB90X110	800.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B39	RB90X110	850.00	30.9	U5DYB	70.6	U5EYB	0.0 U7DYB
RF	B39	RB90X110	900.00	30.9	U5DYB	69.3	U5EYB	0.0 U7DYB
RF	B39	RB90X110	950.00	30.9	U5DYB	67.4	U5EYB	0.0 U7DYB
RF	B39	RB90X110	1000.00	30.9	U5DYB	64.8	U5EYB	0.0 U7DYB
RF	B39	RB90X110	1050.00	30.9	U5DYB	61.6	U5EYB	0.0 U7DYB
RF	B39	RB90X110	1100.00	30.9	U5DYB	57.9	U5EYB	0.0 U7DYB
RF	B39	RB90X110	1150.00	30.9	U5DYB	53.5	U5EYB	0.0 U7DYB
RF	B39	RB90X110	1200.00	30.9	U5DYB	48.6	U5EYA	0.0 U7DYB
RF	B39	RB90X110	1250.00	30.9	U5DYB	43.2	U5EYA	0.0 U7DYB
RF	B39	RB90X110	1300.00	30.9	U5DYB	37.3	U5EYA	0.0 U7DYB
RF	B39	RB90X110	1350.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	1400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	1450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	1500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	1550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	1600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	1650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	1700.00	33.0	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	1750.00	44.3	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	1800.00	56.5	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	1850.00	69.6	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	1900.00	83.6	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	1950.00	98.9	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	2000.00	115.3	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B39	RB90X110	2050.00	132.6	U5EYB	62.3	U5EYB	0.0 U7DYB
RF	B40	RGG90X120	60.00	58.3	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	109.55	48.1	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	159.10	38.6	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	208.65	34.1	U5DYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	258.21	32.9	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	307.76	32.9	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	357.31	32.9	U5EYA	34.1	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	406.86	32.9	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	456.41	32.9	U5EYA	34.8	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	505.96	32.9	U5EYA	38.5	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	555.51	32.9	U5EYA	41.6	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	605.06	32.9	U5EYA	44.1	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	654.62	32.9	U5EYA	46.1	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	704.17	32.9	U5EYA	47.6	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	753.72	32.9	U5EYA	48.6	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	803.27	32.9	U5EYA	49.0	U5EYA	0.0 U7DYB

RF	B40	RGG90X120	852.82	32.9	U5EYA	48.8	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	902.37	32.9	U5EYA	48.1	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	951.92	32.9	U5EYA	46.9	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	1001.47	32.9	U5EYA	45.2	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	1051.03	32.9	U5EYA	43.1	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	1100.58	32.9	U5EYA	40.5	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	1150.13	32.9	U5EYA	37.7	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	1199.68	32.9	U5EYA	34.8	U5DYA	0.0 U7DYB
RF	B40	RGG90X120	1249.23	32.9	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B40	RGG90X120	1298.78	32.9	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B40	RGG90X120	1348.33	32.9	U5EYA	33.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	1397.88	32.9	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	1447.44	32.9	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	1496.99	32.9	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	1546.54	32.9	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	1596.09	32.9	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	1645.64	33.4	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	1695.19	34.3	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	1744.74	44.2	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	1794.29	54.8	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	1843.85	66.1	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	1893.40	78.3	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	1942.95	91.2	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B40	RGG90X120	1992.50	105.0	U5EYA	50.3	U5EYA	0.0 U7DYB
RF	B41	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B41	RB90X110	50.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	100.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	150.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	200.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	250.00	30.9	U5DYB	37.3	U5EYB	0.0 U7DYB
RF	B41	RB90X110	300.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B41	RB90X110	350.00	30.9	U5DYB	48.8	U5EYB	0.0 U7DYB
RF	B41	RB90X110	400.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B41	RB90X110	450.00	30.9	U5DYB	58.1	U5EYB	0.0 U7DYB
RF	B41	RB90X110	500.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B41	RB90X110	550.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B41	RB90X110	600.00	30.9	U5DYB	67.5	U5EYB	0.0 U7DYB
RF	B41	RB90X110	650.00	30.9	U5DYB	69.4	U5EYB	0.0 U7DYB
RF	B41	RB90X110	700.00	30.9	U5DYB	70.7	U5EYB	0.0 U7DYB
RF	B41	RB90X110	750.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B41	RB90X110	800.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B41	RB90X110	850.00	30.9	U5DYB	70.6	U5EYB	0.0 U7DYB
RF	B41	RB90X110	900.00	30.9	U5DYB	69.3	U5EYB	0.0 U7DYB
RF	B41	RB90X110	950.00	30.9	U5DYB	67.4	U5EYB	0.0 U7DYB
RF	B41	RB90X110	1000.00	30.9	U5DYB	64.8	U5EYB	0.0 U7DYB
RF	B41	RB90X110	1050.00	30.9	U5DYB	61.6	U5EYB	0.0 U7DYB
RF	B41	RB90X110	1100.00	30.9	U5DYB	57.8	U5EYB	0.0 U7DYB
RF	B41	RB90X110	1150.00	30.9	U5DYB	53.5	U5EYB	0.0 U7DYB
RF	B41	RB90X110	1200.00	30.9	U5DYB	48.6	U5EYA	0.0 U7DYB
RF	B41	RB90X110	1250.00	30.9	U5DYB	43.2	U5EYA	0.0 U7DYB
RF	B41	RB90X110	1300.00	30.9	U5DYB	37.3	U5EYA	0.0 U7DYB
RF	B41	RB90X110	1350.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	1400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	1450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	1500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	1550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	1600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	1650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	1700.00	32.9	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	1750.00	44.3	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	1800.00	56.5	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	1850.00	69.5	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	1900.00	83.6	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	1950.00	98.9	U5EYB	30.9	U5DYB	0.0 U7DYB

RF	B41	RB90X110	2000.00	115.2	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B41	RB90X110	2050.00	132.5	U5EYB	62.3	U5EYB	0.0 U7DYB
RF	B42	RGG90X120	60.00	57.9	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B42	RGG90X120	109.55	47.7	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	159.10	38.2	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	208.65	34.1	U5DYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	258.21	32.7	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	307.76	32.7	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	357.31	32.7	U5EYA	34.1	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	406.86	32.7	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B42	RGG90X120	456.41	32.7	U5EYA	34.4	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	505.96	32.7	U5EYA	38.0	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	555.51	32.7	U5EYA	41.1	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	605.06	32.7	U5EYA	43.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	654.62	32.7	U5EYA	45.8	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	704.17	32.7	U5EYA	47.3	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	753.72	32.7	U5EYA	48.3	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	803.27	32.7	U5EYA	48.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	852.82	32.7	U5EYA	48.6	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	902.37	32.7	U5EYA	47.9	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	951.92	32.7	U5EYA	46.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1001.47	32.7	U5EYA	45.1	U5DYA	0.0 U7DYB
RF	B42	RGG90X120	1051.03	32.7	U5EYA	43.0	U5DYA	0.0 U7DYB
RF	B42	RGG90X120	1100.58	32.7	U5EYA	40.4	U5DYA	0.0 U7DYB
RF	B42	RGG90X120	1150.13	32.7	U5EYA	37.6	U5DYA	0.0 U7DYB
RF	B42	RGG90X120	1199.68	32.7	U5EYA	34.7	U5DYA	0.0 U7DYB
RF	B42	RGG90X120	1249.23	32.7	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B42	RGG90X120	1298.78	32.7	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B42	RGG90X120	1348.33	32.7	U5EYA	33.8	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1397.88	32.7	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1447.44	32.7	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1496.99	32.7	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1546.54	32.7	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1596.09	32.7	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1645.64	33.1	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1695.19	34.1	U5DYB	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1744.74	43.8	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1794.29	54.4	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1843.85	65.7	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1893.40	77.8	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1942.95	90.7	U5EYA	32.7	U5EYA	0.0 U7DYB
RF	B42	RGG90X120	1992.50	104.4	U5EYA	50.1	U5EYA	0.0 U7DYB
RF	B43	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B43	RB90X110	50.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	100.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	150.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	200.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	250.00	30.9	U5DYB	37.3	U5EYB	0.0 U7DYB
RF	B43	RB90X110	300.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B43	RB90X110	350.00	30.9	U5DYB	48.8	U5EYB	0.0 U7DYB
RF	B43	RB90X110	400.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B43	RB90X110	450.00	30.9	U5DYB	58.1	U5EYB	0.0 U7DYB
RF	B43	RB90X110	500.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B43	RB90X110	550.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B43	RB90X110	600.00	30.9	U5DYB	67.5	U5EYB	0.0 U7DYB
RF	B43	RB90X110	650.00	30.9	U5DYB	69.4	U5EYB	0.0 U7DYB
RF	B43	RB90X110	700.00	30.9	U5DYB	70.7	U5EYB	0.0 U7DYB
RF	B43	RB90X110	750.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B43	RB90X110	800.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B43	RB90X110	850.00	30.9	U5DYB	70.6	U5EYB	0.0 U7DYB
RF	B43	RB90X110	900.00	30.9	U5DYB	69.3	U5EYB	0.0 U7DYB
RF	B43	RB90X110	950.00	30.9	U5DYB	67.4	U5EYB	0.0 U7DYB
RF	B43	RB90X110	1000.00	30.9	U5DYB	64.8	U5EYB	0.0 U7DYB

RF	B43	RB90X110	1050.00	30.9	U5DYB	61.6	U5EYB	0.0 U7DYB
RF	B43	RB90X110	1100.00	30.9	U5DYB	57.8	U5EYB	0.0 U7DYB
RF	B43	RB90X110	1150.00	30.9	U5DYB	53.5	U5EYB	0.0 U7DYB
RF	B43	RB90X110	1200.00	30.9	U5DYB	48.5	U5EYA	0.0 U7DYB
RF	B43	RB90X110	1250.00	30.9	U5DYB	43.2	U5EYA	0.0 U7DYB
RF	B43	RB90X110	1300.00	30.9	U5DYB	37.3	U5EYA	0.0 U7DYB
RF	B43	RB90X110	1350.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	1400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	1450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	1500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	1550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	1600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	1650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	1700.00	32.9	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	1750.00	44.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	1800.00	56.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	1850.00	69.5	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	1900.00	83.6	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	1950.00	98.9	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	2000.00	115.2	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B43	RB90X110	2050.00	132.5	U5EYB	62.3	U5EYB	0.0 U7DYB
RF	B44	RGG90X120	60.00	57.8	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	109.55	47.7	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	159.10	38.1	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	208.65	34.1	U5DYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	258.21	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	307.76	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	357.31	32.6	U5EYA	33.5	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	406.86	32.6	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	456.41	32.6	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B44	RGG90X120	505.96	32.6	U5EYA	37.7	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	555.51	32.6	U5EYA	40.8	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	605.06	32.6	U5EYA	43.4	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	654.62	32.6	U5EYA	45.5	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	704.17	32.6	U5EYA	47.1	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	753.72	32.6	U5EYA	48.1	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	803.27	32.6	U5EYA	48.5	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	852.82	32.6	U5EYA	48.4	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	902.37	32.6	U5EYA	47.8	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	951.92	32.6	U5EYA	46.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1001.47	32.6	U5EYA	44.9	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	1051.03	32.6	U5EYA	42.8	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	1100.58	32.6	U5EYA	40.3	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	1150.13	32.6	U5EYA	37.4	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	1199.68	32.6	U5EYA	34.6	U5DYA	0.0 U7DYB
RF	B44	RGG90X120	1249.23	32.6	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	1298.78	32.6	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B44	RGG90X120	1348.33	32.6	U5EYA	33.8	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1397.88	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1447.44	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1496.99	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1546.54	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1596.09	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1645.64	32.8	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1695.19	34.1	U5DYB	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1744.74	43.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1794.29	54.1	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1843.85	65.4	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1893.40	77.4	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1942.95	90.3	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B44	RGG90X120	1992.50	104.0	U5EYA	49.8	U5EYA	0.0 U7DYB
RF	B45	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B45	RB90X110	50.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB

RF	B45	RB90X110	100.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	150.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	200.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	250.00	30.9	U5DYB	37.3	U5EYB	0.0 U7DYB
RF	B45	RB90X110	300.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B45	RB90X110	350.00	30.9	U5DYB	48.9	U5EYB	0.0 U7DYB
RF	B45	RB90X110	400.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B45	RB90X110	450.00	30.9	U5DYB	58.1	U5EYB	0.0 U7DYB
RF	B45	RB90X110	500.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B45	RB90X110	550.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B45	RB90X110	600.00	30.9	U5DYB	67.5	U5EYB	0.0 U7DYB
RF	B45	RB90X110	650.00	30.9	U5DYB	69.4	U5EYB	0.0 U7DYB
RF	B45	RB90X110	700.00	30.9	U5DYB	70.7	U5EYB	0.0 U7DYB
RF	B45	RB90X110	750.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B45	RB90X110	800.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B45	RB90X110	850.00	30.9	U5DYB	70.6	U5EYB	0.0 U7DYB
RF	B45	RB90X110	900.00	30.9	U5DYB	69.3	U5EYB	0.0 U7DYB
RF	B45	RB90X110	950.00	30.9	U5DYB	67.4	U5EYB	0.0 U7DYB
RF	B45	RB90X110	1000.00	30.9	U5DYB	64.8	U5EYB	0.0 U7DYB
RF	B45	RB90X110	1050.00	30.9	U5DYB	61.7	U5EYB	0.0 U7DYB
RF	B45	RB90X110	1100.00	30.9	U5DYB	57.9	U5EYB	0.0 U7DYB
RF	B45	RB90X110	1150.00	30.9	U5DYB	53.5	U5EYB	0.0 U7DYB
RF	B45	RB90X110	1200.00	30.9	U5DYB	48.6	U5EYA	0.0 U7DYB
RF	B45	RB90X110	1250.00	30.9	U5DYB	43.2	U5EYA	0.0 U7DYB
RF	B45	RB90X110	1300.00	30.9	U5DYB	37.3	U5EYA	0.0 U7DYB
RF	B45	RB90X110	1350.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	1400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	1450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	1500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	1550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	1600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	1650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	1700.00	32.8	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	1750.00	44.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	1800.00	56.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	1850.00	69.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	1900.00	83.5	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	1950.00	98.8	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	2000.00	115.2	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B45	RB90X110	2050.00	132.5	U5EYB	62.3	U5EYB	0.0 U7DYB
RF	B46	RGG90X120	60.00	54.6	U5EYA	34.1	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	109.55	45.0	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	159.10	35.9	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	208.65	34.1	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	258.21	31.4	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	307.76	31.4	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	357.31	31.4	U5EYA	33.2	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	406.86	31.4	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	456.41	31.4	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	505.96	31.4	U5EYA	36.7	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	555.51	31.4	U5EYA	39.6	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	605.06	31.4	U5EYA	42.0	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	654.62	31.4	U5EYA	43.9	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	704.17	31.4	U5EYA	45.3	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	753.72	31.4	U5EYA	46.2	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	803.27	31.4	U5EYA	46.6	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	852.82	31.4	U5EYA	46.5	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	902.37	31.4	U5EYA	45.8	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	951.92	31.4	U5EYA	44.6	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1001.47	31.4	U5EYA	42.9	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1051.03	31.4	U5EYA	40.8	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	1100.58	31.4	U5EYA	38.4	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	1150.13	31.4	U5EYA	35.7	U5DYA	0.0 U7DYB
RF	B46	RGG90X120	1199.68	31.4	U5EYA	34.1	U5DYB	0.0 U7DYB

RF	B46	RGG90X120	1249.23	31.4	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	1298.78	31.4	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B46	RGG90X120	1348.33	31.4	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1397.88	31.4	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1447.44	31.4	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1496.99	31.4	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1546.54	31.4	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1596.09	31.4	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1645.64	31.9	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1695.19	34.1	U5DYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1744.74	42.1	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1794.29	52.2	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1843.85	63.0	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1893.40	74.5	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1942.95	86.8	U5EYA	31.4	U5EYA	0.0 U7DYB
RF	B46	RGG90X120	1992.50	99.8	U5EYA	47.9	U5EYA	0.0 U7DYB
RF	B47	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B47	RB90X110	50.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	100.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	150.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	200.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	250.00	30.9	U5DYB	33.7	U5EYB	0.0 U7DYB
RF	B47	RB90X110	300.00	30.9	U5DYB	39.1	U5EYB	0.0 U7DYB
RF	B47	RB90X110	350.00	30.9	U5DYB	44.1	U5EYB	0.0 U7DYB
RF	B47	RB90X110	400.00	30.9	U5DYB	48.5	U5EYB	0.0 U7DYB
RF	B47	RB90X110	450.00	30.9	U5DYB	52.3	U5EYB	0.0 U7DYB
RF	B47	RB90X110	500.00	30.9	U5DYB	55.7	U5EYB	0.0 U7DYB
RF	B47	RB90X110	550.00	30.9	U5DYB	58.5	U5EYB	0.0 U7DYB
RF	B47	RB90X110	600.00	30.9	U5DYB	60.7	U5EYB	0.0 U7DYB
RF	B47	RB90X110	650.00	30.9	U5DYB	62.4	U5EYB	0.0 U7DYB
RF	B47	RB90X110	700.00	30.9	U5DYB	63.5	U5EYB	0.0 U7DYB
RF	B47	RB90X110	750.00	30.9	U5DYB	64.0	U5EYB	0.0 U7DYB
RF	B47	RB90X110	800.00	30.9	U5DYB	64.0	U5EYB	0.0 U7DYB
RF	B47	RB90X110	850.00	30.9	U5DYB	63.4	U5EYB	0.0 U7DYB
RF	B47	RB90X110	900.00	30.9	U5DYB	62.3	U5EYB	0.0 U7DYB
RF	B47	RB90X110	950.00	30.9	U5DYB	60.5	U5EYB	0.0 U7DYB
RF	B47	RB90X110	1000.00	30.9	U5DYB	58.2	U5EYB	0.0 U7DYB
RF	B47	RB90X110	1050.00	30.9	U5DYB	55.4	U5EYB	0.0 U7DYB
RF	B47	RB90X110	1100.00	30.9	U5DYB	52.0	U5EYB	0.0 U7DYB
RF	B47	RB90X110	1150.00	30.9	U5DYB	48.1	U5EYA	0.0 U7DYB
RF	B47	RB90X110	1200.00	30.9	U5DYB	43.8	U5EYA	0.0 U7DYB
RF	B47	RB90X110	1250.00	30.9	U5DYB	39.0	U5EYA	0.0 U7DYB
RF	B47	RB90X110	1300.00	30.9	U5DYB	33.7	U5EYA	0.0 U7DYB
RF	B47	RB90X110	1350.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	1400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	1450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	1500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	1550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	1600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	1650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	1700.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	1750.00	40.3	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	1800.00	51.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	1850.00	62.9	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	1900.00	75.5	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	1950.00	88.9	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	2000.00	103.4	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B47	RB90X110	2050.00	118.8	U5EYB	56.2	U5EYB	0.0 U7DYB
RF	B48	RGG90X120	60.00	57.2	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B48	RGG90X120	109.55	47.1	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	159.10	37.6	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	208.65	34.1	U5DYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	258.21	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB

RF	B48	RGG90X120	307.76	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	357.31	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	406.86	32.3	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B48	RGG90X120	456.41	32.3	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B48	RGG90X120	505.96	32.3	U5EYA	36.4	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	555.51	32.3	U5EYA	39.6	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	605.06	32.3	U5EYA	42.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	654.62	32.3	U5EYA	44.4	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	704.17	32.3	U5EYA	46.0	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	753.72	32.3	U5EYA	47.1	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	803.27	32.3	U5EYA	47.6	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	852.82	32.3	U5EYA	47.6	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	902.37	32.3	U5EYA	47.0	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	951.92	32.3	U5EYA	45.9	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1001.47	32.3	U5EYA	44.3	U5DYA	0.0 U7DYB
RF	B48	RGG90X120	1051.03	32.3	U5EYA	42.3	U5DYA	0.0 U7DYB
RF	B48	RGG90X120	1100.58	32.3	U5EYA	39.8	U5DYA	0.0 U7DYB
RF	B48	RGG90X120	1150.13	32.3	U5EYA	37.1	U5DYA	0.0 U7DYB
RF	B48	RGG90X120	1199.68	32.3	U5EYA	34.4	U5DYA	0.0 U7DYB
RF	B48	RGG90X120	1249.23	32.3	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	1298.78	32.3	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B48	RGG90X120	1348.33	32.3	U5EYA	33.7	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1397.88	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1447.44	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1496.99	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1546.54	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1596.09	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1645.64	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1695.19	34.1	U5DYB	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1744.74	43.1	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1794.29	53.5	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1843.85	64.7	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1893.40	76.7	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1942.95	89.5	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B48	RGG90X120	1992.50	103.0	U5EYA	49.4	U5EYA	0.0 U7DYB

RF	B49	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B49	RB90X110	50.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	100.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	150.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	200.00	33.2	U5EYB	33.6	U5EYB	0.0 U7DYB
RF	B49	RB90X110	250.00	33.2	U5EYB	40.8	U5EYB	0.0 U7DYB
RF	B49	RB90X110	300.00	33.2	U5EYB	47.5	U5EYB	0.0 U7DYB
RF	B49	RB90X110	350.00	33.2	U5EYB	53.6	U5EYB	0.0 U7DYB
RF	B49	RB90X110	400.00	33.2	U5EYB	59.0	U5EYB	0.0 U7DYB
RF	B49	RB90X110	450.00	33.2	U5EYB	63.8	U5EYB	0.0 U7DYB
RF	B49	RB90X110	500.00	33.2	U5EYB	68.0	U5EYB	0.0 U7DYB
RF	B49	RB90X110	550.00	33.2	U5EYB	71.4	U5EYB	0.0 U7DYB
RF	B49	RB90X110	600.00	33.2	U5EYB	74.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	650.00	33.2	U5EYB	76.3	U5EYB	0.0 U7DYB
RF	B49	RB90X110	700.00	33.2	U5EYB	77.7	U5EYB	0.0 U7DYB
RF	B49	RB90X110	750.00	33.2	U5EYB	78.4	U5EYB	0.0 U7DYB
RF	B49	RB90X110	800.00	33.2	U5EYB	78.4	U5EYB	0.0 U7DYB
RF	B49	RB90X110	850.00	33.2	U5EYB	77.7	U5EYB	0.0 U7DYB
RF	B49	RB90X110	900.00	33.2	U5EYB	76.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	950.00	33.2	U5EYB	74.1	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1000.00	33.2	U5EYB	71.3	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1050.00	33.2	U5EYB	67.7	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1100.00	33.2	U5EYB	63.5	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1150.00	33.2	U5EYB	58.7	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1200.00	33.2	U5EYB	53.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1250.00	33.2	U5EYB	47.1	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1300.00	33.2	U5EYB	40.5	U5EYA	0.0 U7DYB
RF	B49	RB90X110	1350.00	33.2	U5EYB	33.4	U5EYA	0.0 U7DYB
RF	B49	RB90X110	1400.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB

RF	B49	RB90X110	1450.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1500.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1550.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1600.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1650.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1700.00	35.8	U5EYA	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1750.00	48.3	U5EYA	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1800.00	61.7	U5EYA	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1850.00	76.4	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1900.00	92.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	1950.00	109.3	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	2000.00	127.5	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B49	RB90X110	2050.00	146.8	U5EYB	68.5	U5EYB	0.0 U7DYB
RF	B50	RGG90X120	60.00	66.5	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B50	RGG90X120	109.49	55.5	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	158.97	45.3	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	208.46	35.7	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	257.95	34.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	307.44	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	356.92	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	406.41	32.1	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	455.90	32.1	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B50	RGG90X120	505.38	32.1	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B50	RGG90X120	554.87	32.1	U5EYA	37.3	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	604.36	32.1	U5EYA	40.5	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	653.85	32.1	U5EYA	43.0	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	703.33	32.1	U5EYA	45.0	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	752.82	32.1	U5EYA	46.4	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	802.31	32.1	U5EYA	47.3	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	851.79	32.1	U5EYA	47.6	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	901.28	32.1	U5EYA	47.3	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	950.77	32.1	U5EYA	46.5	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	1000.26	32.1	U5EYA	45.1	U5DYA	0.0 U7DYB
RF	B50	RGG90X120	1049.74	32.1	U5EYA	43.3	U5DYA	0.0 U7DYB
RF	B50	RGG90X120	1099.23	32.1	U5EYA	40.9	U5DYA	0.0 U7DYB
RF	B50	RGG90X120	1148.72	32.1	U5EYA	38.2	U5DYA	0.0 U7DYB
RF	B50	RGG90X120	1198.21	32.1	U5EYA	35.3	U5DYA	0.0 U7DYB
RF	B50	RGG90X120	1247.69	32.1	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B50	RGG90X120	1297.18	32.1	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B50	RGG90X120	1346.67	32.1	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B50	RGG90X120	1396.15	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	1445.64	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	1495.13	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	1544.62	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	1594.10	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	1643.59	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	1693.08	34.1	U5DYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	1742.56	41.5	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	1792.05	52.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	1841.54	63.4	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	1891.03	75.6	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	1940.51	88.6	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B50	RGG90X120	1990.00	102.3	U5EYA	49.1	U5EYA	0.0 U7DYB
RF	B51	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B51	RB90X110	50.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	100.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	150.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	200.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	250.00	30.9	U5DYB	37.4	U5EYB	0.0 U7DYB
RF	B51	RB90X110	300.00	30.9	U5DYB	43.5	U5EYB	0.0 U7DYB
RF	B51	RB90X110	350.00	30.9	U5DYB	49.0	U5EYB	0.0 U7DYB
RF	B51	RB90X110	400.00	30.9	U5DYB	54.0	U5EYB	0.0 U7DYB
RF	B51	RB90X110	450.00	30.9	U5DYB	58.4	U5EYB	0.0 U7DYB

RF	B51	RB90X110	500.00	30.9	U5DYB	62.1	U5EYB	0.0 U7DYB
RF	B51	RB90X110	550.00	30.9	U5DYB	65.3	U5EYB	0.0 U7DYB
RF	B51	RB90X110	600.00	30.9	U5DYB	67.8	U5EYB	0.0 U7DYB
RF	B51	RB90X110	650.00	30.9	U5DYB	69.8	U5EYB	0.0 U7DYB
RF	B51	RB90X110	700.00	30.9	U5DYB	71.1	U5EYB	0.0 U7DYB
RF	B51	RB90X110	750.00	30.9	U5DYB	71.7	U5EYB	0.0 U7DYB
RF	B51	RB90X110	800.00	30.9	U5DYB	71.7	U5EYB	0.0 U7DYB
RF	B51	RB90X110	850.00	30.9	U5DYB	71.1	U5EYB	0.0 U7DYB
RF	B51	RB90X110	900.00	30.9	U5DYB	69.8	U5EYB	0.0 U7DYB
RF	B51	RB90X110	950.00	30.9	U5DYB	67.9	U5EYB	0.0 U7DYB
RF	B51	RB90X110	1000.00	30.9	U5DYB	65.4	U5EYB	0.0 U7DYB
RF	B51	RB90X110	1050.00	30.9	U5DYB	62.2	U5EYB	0.0 U7DYB
RF	B51	RB90X110	1100.00	30.9	U5DYB	58.5	U5EYA	0.0 U7DYB
RF	B51	RB90X110	1150.00	30.9	U5DYB	54.3	U5EYA	0.0 U7DYB
RF	B51	RB90X110	1200.00	30.9	U5DYB	49.5	U5EYA	0.0 U7DYB
RF	B51	RB90X110	1250.00	30.9	U5DYB	44.2	U5EYA	0.0 U7DYB
RF	B51	RB90X110	1300.00	30.9	U5DYB	38.3	U5EYA	0.0 U7DYB
RF	B51	RB90X110	1350.00	30.9	U5DYB	31.9	U5EYA	0.0 U7DYB
RF	B51	RB90X110	1400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	1450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	1500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	1550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	1600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	1650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	1700.00	32.8	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	1750.00	44.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	1800.00	56.3	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	1850.00	69.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	1900.00	83.5	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	1950.00	98.5	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	2000.00	114.5	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B51	RB90X110	2050.00	131.8	U5EYB	62.0	U5EYB	0.0 U7DYB
RF	B52	RB90X110	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
RF	B52	RB90X110	50.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B52	RB90X110	100.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B52	RB90X110	150.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B52	RB90X110	200.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B52	RB90X110	250.00	30.9	U5DYB	37.5	U5EYB	0.0 U7DYB
RF	B52	RB90X110	300.00	30.9	U5DYB	43.6	U5EYB	0.0 U7DYB
RF	B52	RB90X110	350.00	30.9	U5DYB	49.2	U5EYB	0.0 U7DYB
RF	B52	RB90X110	400.00	30.9	U5DYB	54.1	U5EYB	0.0 U7DYB
RF	B52	RB90X110	450.00	30.9	U5DYB	58.5	U5EYB	0.0 U7DYB
RF	B52	RB90X110	500.00	30.9	U5DYB	62.3	U5EYB	0.0 U7DYB
RF	B52	RB90X110	550.00	30.9	U5DYB	65.5	U5EYB	0.0 U7DYB
RF	B52	RB90X110	600.00	30.9	U5DYB	68.1	U5EYB	0.0 U7DYB
RF	B52	RB90X110	650.00	30.9	U5DYB	70.0	U5EYB	0.0 U7DYB
RF	B52	RB90X110	700.00	30.9	U5DYB	71.3	U5EYB	0.0 U7DYB
RF	B52	RB90X110	750.00	30.9	U5DYB	72.0	U5EYB	0.0 U7DYB
RF	B52	RB90X110	800.00	30.9	U5DYB	72.0	U5EYB	0.0 U7DYB
RF	B52	RB90X110	850.00	30.9	U5DYB	71.5	U5EYA	0.0 U7DYB
RF	B52	RB90X110	900.00	30.9	U5DYB	70.3	U5EYA	0.0 U7DYB
RF	B52	RB90X110	950.00	30.9	U5DYB	68.6	U5EYA	0.0 U7DYB
RF	B52	RB90X110	1000.00	30.9	U5DYB	66.2	U5EYA	0.0 U7DYB
RF	B52	RB90X110	1050.00	30.9	U5DYB	63.2	U5EYA	0.0 U7DYB
RF	B52	RB90X110	1100.00	30.9	U5DYB	59.7	U5EYA	0.0 U7DYB
RF	B52	RB90X110	1150.00	30.9	U5DYB	55.5	U5EYA	0.0 U7DYB
RF	B52	RB90X110	1200.00	30.9	U5DYB	50.7	U5EYA	0.0 U7DYB
RF	B52	RB90X110	1250.00	30.9	U5DYB	45.5	U5EYA	0.0 U7DYB
RF	B52	RB90X110	1300.00	30.9	U5DYB	39.6	U5EYA	0.0 U7DYB
RF	B52	RB90X110	1350.00	30.9	U5DYB	33.2	U5EYA	0.0 U7DYB
RF	B52	RB90X110	1400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B52	RB90X110	1450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B52	RB90X110	1500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B52	RB90X110	1550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB

RF	B52	RB90X110	1600.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B52	RB90X110	1650.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B52	RB90X110	1700.00	34.4	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B52	RB90X110	1750.00	45.8	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B52	RB90X110	1800.00	58.1	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B52	RB90X110	1850.00	71.3	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B52	RB90X110	1900.00	85.4	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B52	RB90X110	1950.00	100.5	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B52	RB90X110	2000.00	116.7	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B52	RB90X110	2050.00	133.8	U5EYA	62.9 U5EYA	0.0	U7DYB
RF	B61	G90X120	45.00	55.0	U5EYA	34.1 U7EYA	49.3	U7DXA
RF	B61	G90X120	93.42	44.7	U5EYA	34.1 U7EYA	49.3	U7DXA
RF	B61	G90X120	141.84	35.2	U5EYA	32.5 U7EYA	49.3	U7DXA
RF	B61	G90X120	190.26	34.1	U7EYA	30.2 U7EYA	49.3	U7DXA
RF	B61	G90X120	238.68	25.2	U7EYA	28.0 U5EYA	49.3	U7DXA
RF	B61	G90X120	287.11	23.0	U5EYA	25.5 U5EYA	49.3	U7DXA
RF	B61	G90X120	335.53	23.0	U5EYA	23.0 U5EYA	49.3	U7DXA
RF	B61	G90X120	383.95	23.0	U5EYA	23.0 U5EYA	49.3	U7DXA
RF	B61	G90X120	432.37	23.0	U5EYA	23.0 U5EYA	49.3	U7DXA
RF	B61	G90X120	480.79	23.0	U5EYA	23.0 U5EYA	49.3	U7DXA
RF	B61	G90X120	529.21	23.0	U5EYA	23.0 U5EYA	49.3	U7DXA
RF	B61	G90X120	577.63	23.0	U5EYA	27.2 U5EYA	49.3	U7DXA
RF	B61	G90X120	626.05	23.0	U5EYA	31.5 U5EYA	49.3	U7DXA
RF	B61	G90X120	674.47	24.2	U7EYA	34.1 U5EYA	49.3	U7DXA
RF	B61	G90X120	722.89	33.0	U7EYA	34.1 U7EYA	49.3	U7DXA
RF	B61	G90X120	771.32	34.1	U7DYA	34.1 U7DYA	49.3	U7DXA
RF	B61	G90X120	819.74	41.2	U5EYA	34.1 U7DYA	49.3	U7DXA
RF	B61	G90X120	868.16	50.7	U5EYA	34.1 U7DYA	49.3	U7DXA
RF	B61	G90X120	916.58	61.0	U5EYA	34.9 U7EYA	49.3	U7DXA
RF	B61	G90X120	965.00	72.0	U5EYA	35.5 U7EYA	49.3	U7DXA
RF	B66	RGB90X120	60.00	23.3	U5DXA	17.9 U7DXA	50.7	U5EYA
RF	B66	RGB90X120	108.00	18.1	U5EXA	25.9 U5DXA	50.7	U5EYA
RF	B66	RGB90X120	156.00	18.1	U5EXA	34.1 U5DXA	50.7	U5EYA
RF	B66	RGB90X120	204.00	18.1	U5EXA	34.1 U7DXA	50.7	U5EYA
RF	B66	RGB90X120	252.00	18.1	U5EXA	39.8 U5DXA	50.7	U5EYA
RF	B66	RGB90X120	300.00	18.1	U5EXA	46.1 U5DXA	50.7	U5EYA
RF	B66	RGB90X120	300.00	18.1	U5EXA	46.1 U5DXA	49.3	U7DYA
RF	B66	RGB90X120	348.50	18.1	U5EXA	34.1 U5DXA	49.3	U7DYA
RF	B66	RGB90X120	397.00	18.1	U5EXA	18.1 U5EXA	49.3	U7DYA
RF	B66	RGB90X120	445.50	24.4	U5DXA	18.1 U5EXA	49.3	U7DYA
RF	B66	RGB90X120	494.00	36.3	U5EXA	18.1 U5EXA	49.3	U7DYA
RF	B66	RGB90X120	542.50	55.9	U5EXA	34.1 U5DYB	49.3	U7DYA
RF	B67	RGB90X120	57.50	59.9	U5DXA	34.1 U5DYB	49.3	U7DYA
RF	B67	RGB90X120	106.00	40.9	U5DXA	19.3 U5DXA	49.3	U7DYA
RF	B67	RGB90X120	154.50	30.5	U5DXA	19.3 U5DXA	49.3	U7DYA
RF	B67	RGB90X120	203.00	19.3	U5DXA	19.3 U5DXA	49.3	U7DYA
RF	B67	RGB90X120	251.50	19.3	U5DXA	22.3 U5DXA	49.3	U7DYA
RF	B67	RGB90X120	300.00	19.3	U5DXA	34.1 U5DYB	49.3	U7DYA
RF	B67	RGB90X120	300.00	19.3	U5DXA	34.1 U5DYB	49.3	U7DYB
RF	B67	RGB90X120	348.50	19.3	U5DXA	28.3 U5DXA	49.3	U7DYB
RF	B67	RGB90X120	397.00	19.3	U5DXA	19.3 U5DXA	49.3	U7DYB
RF	B67	RGB90X120	445.50	19.3	U5DXA	19.3 U5DXA	49.3	U7DYB
RF	B67	RGB90X120	494.00	19.7	U7EXA	19.3 U5DXA	49.3	U7DYB
RF	B67	RGB90X120	542.50	32.3	U7EXA	16.0 U7EXA	49.3	U7DYB
RF	B68	RGB90X120	57.50	31.9	U7EXA	15.8 U7EXA	49.3	U7DYB
RF	B68	RGB90X120	106.00	18.6	U7EXA	14.7 U5EXA	49.3	U7DYB
RF	B68	RGB90X120	154.50	14.7	U5EXA	14.7 U5EXA	49.3	U7DYB
RF	B68	RGB90X120	203.00	14.7	U5EXA	19.7 U5EXA	49.3	U7DYB
RF	B68	RGB90X120	251.50	14.7	U5EXA	33.4 U5DXB	49.3	U7DYB
RF	B68	RGB90X120	300.00	14.7	U5EXA	35.9 U5DXB	49.3	U7DYB
RF	B68	RGB90X120	300.00	14.7	U5EXA	35.9 U5DXB	49.3	U7DYA

RF	B68 RGB90X120	348.50	14.7	U5EXA	28.5 U5DXA	49.3	U7DYA
RF	B68 RGB90X120	397.00	14.7	U5EXA	14.7 U5EXA	49.3	U7DYA
RF	B68 RGB90X120	445.50	15.5	U5EXA	14.7 U5EXA	49.3	U7DYA
RF	B68 RGB90X120	494.00	34.1	U5DXB	14.7 U5EXA	49.3	U7DYA
RF	B68 RGB90X120	542.50	45.2	U5EXA	29.6 U5EXA	49.3	U7DYA
RF	B69 RGB90X120	57.50	43.9	U5EXA	28.8 U5EXA	49.3	U5EYA
RF	B69 RGB90X120	106.00	34.1	U5DXB	14.3 U5EXA	49.3	U5EYA
RF	B69 RGB90X120	154.50	17.3	U5EXA	14.3 U5EXA	49.3	U5EYA
RF	B69 RGB90X120	203.00	14.3	U5EXA	14.3 U5EXA	49.3	U5EYA
RF	B69 RGB90X120	251.50	14.3	U5EXA	22.6 U5EXA	49.3	U5EYA
RF	B69 RGB90X120	300.00	14.3	U5EXA	34.1 U5DYB	49.3	U5EYA
RF	B69 RGB90X120	300.00	14.3	U5EXA	34.1 U5DYB	49.3	U5EYA
RF	B69 RGB90X120	348.50	14.3	U5EXA	24.2 U5EXA	49.3	U5EYA
RF	B69 RGB90X120	397.00	14.3	U5EXA	14.3 U5EXA	49.3	U5EYA
RF	B69 RGB90X120	445.50	14.3	U5EXA	14.3 U5EXA	49.3	U5EYA
RF	B69 RGB90X120	494.00	30.2	U5EXA	14.3 U5EXA	49.3	U5EYA
RF	B69 RGB90X120	542.50	37.0	U5EXA	24.3 U5EXA	49.3	U5EYA
RF	B70 RGB90X120	57.50	37.0	U5EXA	24.3 U5EXA	49.3	U7EYA
RF	B70 RGB90X120	106.00	29.4	U5EXA	12.2 U5EXA	49.3	U7EYA
RF	B70 RGB90X120	154.50	12.2	U5EXA	12.2 U5EXA	49.3	U7EYA
RF	B70 RGB90X120	203.00	12.2	U5EXA	12.2 U5EXA	49.3	U7EYA
RF	B70 RGB90X120	251.50	12.2	U5EXA	27.4 U5EXA	49.3	U7EYA
RF	B70 RGB90X120	300.00	12.2	U5EXA	34.1 U5DYB	49.3	U7EYA
RF	B70 RGB90X120	300.00	12.2	U5EXA	34.1 U5DYB	0.0	U7DYB
RF	B70 RGB90X120	348.50	12.2	U5EXA	27.3 U5EXA	0.0	U7DYB
RF	B70 RGB90X120	397.00	12.2	U5EXA	12.2 U5EXA	0.0	U7DYB
RF	B70 RGB90X120	445.50	12.2	U5EXA	12.2 U5EXA	0.0	U7DYB
RF	B70 RGB90X120	494.00	29.9	U5EXA	12.2 U5EXA	0.0	U7DYB
RF	B70 RGB90X120	542.50	37.5	U5EXA	24.7 U5EXA	0.0	U7DYB
RF	B71 RGB90X120	57.50	37.7	U5EXA	24.8 U5EXA	49.3	U5EYA
RF	B71 RGB90X120	106.00	30.2	U5EXA	12.3 U5EXA	49.3	U5EYA
RF	B71 RGB90X120	154.50	12.3	U5EXA	12.3 U5EXA	49.3	U5EYA
RF	B71 RGB90X120	203.00	12.3	U5EXA	12.3 U5EXA	49.3	U5EYA
RF	B71 RGB90X120	251.50	12.3	U5EXA	26.9 U5EXA	49.3	U5EYA
RF	B71 RGB90X120	300.00	12.3	U5EXA	34.1 U5DYB	49.3	U5EYA
RF	B71 RGB90X120	300.00	12.3	U5EXA	34.1 U5DYB	0.0	U7DYB
RF	B71 RGB90X120	348.50	12.3	U5EXA	26.9 U5EXA	0.0	U7DYB
RF	B71 RGB90X120	397.00	12.3	U5EXA	12.3 U5EXA	0.0	U7DYB
RF	B71 RGB90X120	445.50	12.3	U5EXA	12.3 U5EXA	0.0	U7DYB
RF	B71 RGB90X120	494.00	30.1	U5EXA	12.3 U5EXA	0.0	U7DYB
RF	B71 RGB90X120	542.50	37.5	U5EXA	24.7 U5EXA	0.0	U7DYB
RF	B72 RGB90X120	57.50	37.7	U5EXA	24.8 U5EXA	0.0	U7DYB
RF	B72 RGB90X120	106.00	30.2	U5EXA	12.3 U5EXA	0.0	U7DYB
RF	B72 RGB90X120	154.50	12.3	U5EXA	12.3 U5EXA	0.0	U7DYB
RF	B72 RGB90X120	203.00	12.3	U5EXA	12.3 U5EXA	0.0	U7DYB
RF	B72 RGB90X120	251.50	12.3	U5EXA	26.9 U5EXA	0.0	U7DYB
RF	B72 RGB90X120	300.00	12.3	U5EXA	34.1 U5DYB	0.0	U7DYB
RF	B72 RGB90X120	300.00	12.3	U5EXA	34.1 U5DYB	0.0	U7DYB
RF	B72 RGB90X120	348.50	12.3	U5EXA	26.9 U5EXA	0.0	U7DYB
RF	B72 RGB90X120	397.00	12.3	U5EXA	12.3 U5EXA	0.0	U7DYB
RF	B72 RGB90X120	445.50	12.3	U5EXA	12.3 U5EXA	0.0	U7DYB
RF	B72 RGB90X120	494.00	30.0	U5EXA	12.3 U5EXA	0.0	U7DYB
RF	B72 RGB90X120	542.50	37.5	U5EXA	24.7 U5EXA	0.0	U7DYB
RF	B73 RGB90X120	57.50	37.7	U5EXA	24.8 U5EXA	0.0	U7DYB
RF	B73 RGB90X120	106.00	30.2	U5EXA	12.3 U5EXA	0.0	U7DYB
RF	B73 RGB90X120	154.50	12.3	U5EXA	12.3 U5EXA	0.0	U7DYB
RF	B73 RGB90X120	203.00	12.3	U5EXA	12.3 U5EXA	0.0	U7DYB
RF	B73 RGB90X120	251.50	12.3	U5EXA	26.9 U5EXA	0.0	U7DYB
RF	B73 RGB90X120	300.00	12.3	U5EXA	34.1 U5DYB	0.0	U7DYB
RF	B73 RGB90X120	300.00	12.3	U5EXA	34.1 U5DYB	0.0	U7DYB

RF	B73 RGB90X120	348.50	12.3	U5EXA	26.9	U5EXA	0.0 U7DYB
RF	B73 RGB90X120	397.00	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B73 RGB90X120	445.50	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B73 RGB90X120	494.00	30.0	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B73 RGB90X120	542.50	37.5	U5EXA	24.7	U5EXA	0.0 U7DYB
RF	B74 RGB90X120	57.50	37.7	U5EXA	24.8	U5EXA	0.0 U7DYB
RF	B74 RGB90X120	106.00	30.2	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B74 RGB90X120	154.50	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B74 RGB90X120	203.00	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B74 RGB90X120	251.50	12.3	U5EXA	26.9	U5EXA	0.0 U7DYB
RF	B74 RGB90X120	300.00	12.3	U5EXA	34.1	U5DYB	0.0 U7DYB
RF	B74 RGB90X120	300.00	12.3	U5EXA	34.1	U5DYB	0.0 U7DYB
RF	B74 RGB90X120	348.50	12.3	U5EXA	26.9	U5EXA	0.0 U7DYB
RF	B74 RGB90X120	397.00	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B74 RGB90X120	445.50	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B74 RGB90X120	494.00	30.1	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B74 RGB90X120	542.50	37.6	U5EXA	24.7	U5EXA	0.0 U7DYB
RF	B75 RGB90X120	57.50	37.7	U5EXA	24.8	U5EXA	0.0 U7DYB
RF	B75 RGB90X120	106.00	30.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B75 RGB90X120	154.50	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B75 RGB90X120	203.00	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B75 RGB90X120	251.50	12.3	U5EXA	26.7	U5EXA	0.0 U7DYB
RF	B75 RGB90X120	300.00	12.3	U5EXA	34.1	U5DYB	0.0 U7DYB
RF	B75 RGB90X120	300.00	12.3	U5EXA	34.1	U5DYB	0.0 U7DYB
RF	B75 RGB90X120	348.50	12.3	U5EXA	26.7	U5EXA	0.0 U7DYB
RF	B75 RGB90X120	397.00	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B75 RGB90X120	445.50	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B75 RGB90X120	494.00	30.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B75 RGB90X120	542.50	37.8	U5EXA	24.8	U5EXA	0.0 U7DYB
RF	B76 RGB90X120	57.50	37.8	U5EXA	24.9	U5EXA	0.0 U7DYB
RF	B76 RGB90X120	106.00	29.8	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B76 RGB90X120	154.50	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B76 RGB90X120	203.00	12.3	U5EXA	12.6	U5EXA	0.0 U7DYB
RF	B76 RGB90X120	251.50	12.3	U5EXA	29.0	U5EXA	0.0 U7DYB
RF	B76 RGB90X120	300.00	12.3	U5EXA	34.8	U5DXB	0.0 U7DYB
RF	B76 RGB90X120	300.00	12.3	U5EXA	34.8	U5DXB	0.0 U7DYB
RF	B76 RGB90X120	348.50	12.3	U5EXA	30.1	U5EXA	0.0 U7DYB
RF	B76 RGB90X120	397.00	12.3	U5EXA	14.7	U5EXA	0.0 U7DYB
RF	B76 RGB90X120	445.50	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B76 RGB90X120	494.00	25.1	U5EXA	12.3	U5EXA	0.0 U7DYB
RF	B76 RGB90X120	542.50	34.1	U5DYB	21.9	U5EXA	0.0 U7DYB
RF	B77 RGB90X120	57.50	34.1	U5DYB	21.2	U5EXA	0.0 U7DYB
RF	B77 RGB90X120	106.88	24.8	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B77 RGB90X120	156.25	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B77 RGB90X120	205.63	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B77 RGB90X120	255.00	11.1	U5EXA	25.7	U5DXB	0.0 U7DYB
RF	B77 RGB90X120	255.00	11.1	U5EXA	25.7	U5DXB	0.0 U7DYB
RF	B77 RGB90X120	304.38	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B77 RGB90X120	353.75	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B77 RGB90X120	403.12	26.8	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B77 RGB90X120	452.50	34.1	U5DYB	22.4	U5EXA	0.0 U7DYB
RF	B78 RGB90X120	57.50	36.8	U5EXA	24.2	U5EXA	0.0 U7DYB
RF	B78 RGB90X120	105.42	32.1	U5EXA	24.8	U5DXA	0.0 U7DYB
RF	B78 RGB90X120	153.33	24.8	U5DXA	24.8	U5DXA	0.0 U7DYB
RF	B78 RGB90X120	201.25	24.8	U5DXA	24.8	U5DXA	0.0 U7DYB
RF	B78 RGB90X120	249.17	24.8	U5DXA	24.8	U5DXA	0.0 U7DYB
RF	B78 RGB90X120	297.08	24.8	U5DXA	31.5	U5DXA	0.0 U7DYB
RF	B78 RGB90X120	345.00	24.8	U5DXA	34.1	U5DYB	0.0 U7DYB
RF	B78 RGB90X120	345.00	24.8	U5DXA	34.1	U5DYB	0.0 U7DYB
RF	B78 RGB90X120	392.50	24.8	U5DXA	24.8	U5DXA	0.0 U7DYB

RF	B78	RGB90X120	440.00	24.8	U5DXA	24.8	U5DXA	0.0 U7DYB
RF	B78	RGB90X120	487.50	26.2	U5DXA	24.8	U5DXA	0.0 U7DYB
RF	B78	RGB90X120	535.00	37.9	U5DXA	24.8	U5DXA	0.0 U7DYB
RF	B78	RGB90X120	582.50	57.3	U5DXA	24.8	U5DXA	0.0 U7DYB
RF	B78	RGB90X120	630.00	77.7	U5DXA	37.7	U5DXA	0.0 U7DYB
RF	B79	G100X150	60.00	64.8	U5EXA	42.4	U5EXA	0.0 U7DYB
RF	B79	G100X150	108.00	48.5	U5DYB	21.0	U5EXA	0.0 U7DYB
RF	B79	G100X150	156.00	21.0	U5EXA	21.0	U5EXA	0.0 U7DYB
RF	B79	G100X150	204.00	21.0	U5EXA	21.0	U5EXA	0.0 U7DYB
RF	B79	G100X150	252.00	21.0	U5EXA	46.1	U5DXA	0.0 U7DYB
RF	B79	G100X150	300.00	21.0	U5EXA	57.8	U5DXA	0.0 U7DYB
RF	B79	G100X150	300.00	21.0	U5EXA	57.8	U5DXA	69.1 U7DYA
RF	B79	G100X150	350.00	21.0	U5EXA	61.3	U5DXA	69.1 U7DYA
RF	B79	G100X150	400.00	21.0	U5EXA	64.6	U5DXA	69.1 U7DYA
RF	B79	G100X150	450.00	21.0	U5EXA	67.7	U5DXA	69.1 U7DYA
RF	B79	G100X150	500.00	21.0	U5EXA	70.3	U5DXA	69.1 U7DYA
RF	B79	G100X150	550.00	21.0	U5EXA	72.7	U5DXA	69.1 U7DYA
RF	B79	G100X150	600.00	21.0	U5EXA	74.7	U5DXA	69.1 U7DYA
RF	B79	G100X150	600.00	21.0	U5EXA	74.7	U5DXA	69.1 U5DYB
RF	B79	G100X150	649.00	21.0	U5EXA	56.0	U5DXA	69.1 U5DYB
RF	B79	G100X150	698.00	21.0	U5EXA	48.5	U5DXA	69.1 U5DYB
RF	B79	G100X150	747.00	21.0	U5EXA	25.0	U5DXA	69.1 U5DYB
RF	B79	G100X150	796.00	21.0	U5EXA	21.0	U5EXA	69.1 U5DYB
RF	B79	G100X150	845.00	42.9	U5DXA	21.3	U5DXA	69.1 U5DYB
RF	B85	G90X120	60.00	68.4	U5EYA	35.9	U7EYA	49.3 U7DXA
RF	B85	G90X120	109.74	57.5	U5EYA	35.4	U7EYA	49.3 U7DXA
RF	B85	G90X120	159.47	47.4	U5EYA	34.4	U7EYA	49.3 U7DXA
RF	B85	G90X120	209.21	38.1	U5EYA	34.1	U7DYA	49.3 U7DXA
RF	B85	G90X120	258.95	34.1	U7DYA	34.1	U7DYA	49.3 U7DXA
RF	B85	G90X120	308.68	31.1	U7EYA	34.1	U7DYA	49.3 U7DXA
RF	B85	G90X120	358.42	22.5	U7EYA	34.1	U5DYA	49.3 U7DXA
RF	B85	G90X120	408.16	21.9	U5EYA	33.7	U5EYA	49.3 U7DXA
RF	B85	G90X120	457.89	21.9	U5EYA	29.1	U5EYA	49.3 U7DXA
RF	B85	G90X120	507.63	21.9	U5EYA	23.7	U5EYA	49.3 U7DXA
RF	B85	G90X120	557.37	21.9	U5EYA	21.9	U5EYA	49.3 U7DXA
RF	B85	G90X120	607.11	21.9	U5EYA	21.9	U5EYA	49.3 U7DXA
RF	B85	G90X120	656.84	21.9	U5EYA	21.9	U5EYA	49.3 U7DXA
RF	B85	G90X120	706.58	21.9	U5EYA	22.0	U5EYA	49.3 U7DXA
RF	B85	G90X120	756.32	21.9	U5EYA	24.6	U5EYA	49.3 U7DXA
RF	B85	G90X120	806.05	26.0	U5EYA	26.7	U7EYA	49.3 U7DXA
RF	B85	G90X120	855.79	34.1	U7EYA	29.2	U7EYA	49.3 U7DXA
RF	B85	G90X120	905.53	37.4	U5EYA	31.1	U7EYA	49.3 U7DXA
RF	B85	G90X120	955.26	47.5	U5EYA	32.4	U7EYA	49.3 U7DXA
RF	B85	G90X120	1005.00	58.5	U5EYA	34.1	U5DYA	49.3 U7DXA
RF	B88	RGG90X120	60.00	135.2	U5EYA	63.9	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	109.49	118.1	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	158.97	102.0	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	208.46	87.2	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	257.95	73.3	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	307.44	60.5	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	356.92	48.5	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	406.41	37.5	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	455.90	34.1	U7DYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	505.38	34.1	U5DYA	34.1	U7DYA	0.0 U7DYB
RF	B88	RGG90X120	554.87	34.1	U5DYA	36.3	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	604.36	34.1	U5DYA	39.5	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	653.85	34.1	U5DYA	42.1	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	703.33	34.1	U5DYA	44.0	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	752.82	34.1	U5DYA	45.3	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	802.31	34.1	U5DYA	46.0	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	851.79	34.1	U5DYA	45.9	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	901.28	34.1	U5DYA	45.3	U5EYA	0.0 U7DYB

RF	B88	RGG90X120	950.77	34.1	U5DYA	44.0	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	1000.26	34.1	U5DYA	42.9	U5EYB	0.0 U7DYB
RF	B88	RGG90X120	1049.74	34.1	U5DYA	44.3	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	1099.23	34.1	U5DYA	46.3	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	1148.72	34.1	U5DYA	47.6	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	1198.21	34.1	U5DYA	48.3	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	1247.69	34.1	U5DYA	48.3	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	1297.18	34.1	U5DYA	47.6	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	1346.67	34.1	U5DYA	46.3	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	1396.15	34.1	U5DYA	44.3	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	1445.64	34.1	U5DYA	41.7	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	1495.13	34.1	U5DYA	38.5	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	1544.62	34.1	U5DYA	34.6	U5EYA	0.0 U7DYB
RF	B88	RGG90X120	1594.10	34.1	U7DYA	34.1	U7DYA	0.0 U7DYB
RF	B88	RGG90X120	1643.59	40.0	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B88	RGG90X120	1693.08	51.2	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	1742.56	63.2	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	1792.05	76.1	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	1841.54	90.0	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	1891.03	105.0	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	1940.51	121.1	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B88	RGG90X120	1990.00	138.4	U5EYA	65.3	U5EYA	0.0 U7DYB

RF	B89	RB90X110	0.00	135.5	U5EYA	63.6	U5EYA	0.0 U7DYB
RF	B89	RB90X110	50.00	118.3	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	100.00	102.1	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	150.00	86.8	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	200.00	72.6	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	250.00	59.4	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	300.00	47.1	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	350.00	35.6	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	400.00	30.9	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	450.00	30.9	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	500.00	30.9	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	550.00	30.9	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	600.00	30.9	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	650.00	30.9	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	700.00	30.9	U5EYA	34.5	U5EYA	0.0 U7DYB
RF	B89	RB90X110	750.00	30.9	U5EYA	40.8	U5EYA	0.0 U7DYB
RF	B89	RB90X110	800.00	30.9	U5EYA	46.6	U5EYA	0.0 U7DYB
RF	B89	RB90X110	850.00	30.9	U5EYA	51.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	900.00	30.9	U5EYA	56.6	U5EYA	0.0 U7DYB
RF	B89	RB90X110	950.00	30.9	U5EYA	60.7	U5EYA	0.0 U7DYB
RF	B89	RB90X110	1000.00	30.9	U5EYA	64.2	U5EYA	0.0 U7DYB
RF	B89	RB90X110	1050.00	30.9	U5EYA	67.2	U5EYA	0.0 U7DYB
RF	B89	RB90X110	1100.00	30.9	U5EYA	69.5	U5EYA	0.0 U7DYB
RF	B89	RB90X110	1150.00	30.9	U5EYA	71.2	U5EYA	0.0 U7DYB
RF	B89	RB90X110	1200.00	30.9	U5EYA	72.3	U5EYA	0.0 U7DYB
RF	B89	RB90X110	1250.00	30.9	U5EYA	72.7	U5EYA	0.0 U7DYB
RF	B89	RB90X110	1300.00	30.9	U5EYA	72.6	U5EYA	0.0 U7DYB
RF	B89	RB90X110	1350.00	30.9	U5EYA	71.8	U5EYA	0.0 U7DYB
RF	B89	RB90X110	1400.00	30.9	U5EYA	70.3	U5EYA	0.0 U7DYB
RF	B89	RB90X110	1450.00	30.9	U5EYA	68.3	U5EYA	0.0 U7DYB
RF	B89	RB90X110	1500.00	30.9	U5EYA	65.7	U5EYB	0.0 U7DYB
RF	B89	RB90X110	1550.00	30.9	U5EYA	62.5	U5EYB	0.0 U7DYB
RF	B89	RB90X110	1600.00	30.9	U5EYA	58.7	U5EYB	0.0 U7DYB
RF	B89	RB90X110	1650.00	30.9	U5EYA	54.3	U5EYB	0.0 U7DYB
RF	B89	RB90X110	1700.00	30.9	U5EYA	49.3	U5EYB	0.0 U7DYB
RF	B89	RB90X110	1750.00	30.9	U5EYA	43.7	U5EYB	0.0 U7DYB
RF	B89	RB90X110	1800.00	30.9	U5EYA	37.6	U5EYB	0.0 U7DYB
RF	B89	RB90X110	1850.00	30.9	U5EYA	31.0	U5EYB	0.0 U7DYB
RF	B89	RB90X110	1900.00	30.9	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	1950.00	30.9	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	2000.00	30.9	U5EYA	30.9	U5EYA	0.0 U7DYB
RF	B89	RB90X110	2050.00	0.0	U7DYB	0.0	U5DYB	0.0 U7DYB

RF	B90	RGG90X120	57.50	103.0	U5EYA	49.4	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	107.05	89.4	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	156.60	76.7	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	206.15	64.7	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	255.71	53.5	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	305.26	43.1	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	354.81	34.1	U7DYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	404.36	32.4	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	453.91	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	503.46	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	553.01	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	602.56	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	652.12	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	701.67	32.3	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B90	RGG90X120	751.22	32.3	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B90	RGG90X120	800.77	32.3	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B90	RGG90X120	850.32	32.3	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B90	RGG90X120	899.87	32.3	U5EYA	36.2	U5DYA	0.0 U7DYB
RF	B90	RGG90X120	949.42	32.3	U5EYA	39.1	U5DYA	0.0 U7DYB
RF	B90	RGG90X120	998.97	32.3	U5EYA	41.7	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1048.53	32.3	U5EYA	43.9	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1098.08	32.3	U5EYA	45.5	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1147.63	32.3	U5EYA	46.6	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1197.18	32.3	U5EYA	47.2	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1246.73	32.3	U5EYA	47.2	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1296.28	32.3	U5EYA	46.6	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1345.83	32.3	U5EYA	45.6	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1395.38	32.3	U5EYA	43.9	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1444.94	32.3	U5EYA	41.7	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1494.49	32.3	U5EYA	39.0	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1544.04	32.3	U5EYA	35.8	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1593.59	32.3	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B90	RGG90X120	1643.14	32.3	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B90	RGG90X120	1692.69	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1742.24	34.1	U5DYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1791.79	38.0	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1841.35	47.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1890.90	57.4	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1940.45	68.1	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B90	RGG90X120	1990.00	79.5	U5EYA	38.5	U5EYA	0.0 U7DYB
RF	B91	RB90X110	0.00	134.4	U5EYB	63.1	U5EYB	0.0 U7DYB
RF	B91	RB90X110	50.00	117.0	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	100.00	100.6	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	150.00	85.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	200.00	71.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	250.00	58.1	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	300.00	45.8	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	350.00	34.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	700.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B91	RB90X110	750.00	30.9	U5DYB	36.6	U5EYA	0.0 U7DYB
RF	B91	RB90X110	800.00	30.9	U5DYB	42.5	U5EYA	0.0 U7DYB
RF	B91	RB90X110	850.00	30.9	U5DYB	47.9	U5EYA	0.0 U7DYB
RF	B91	RB90X110	900.00	30.9	U5DYB	52.7	U5EYA	0.0 U7DYB
RF	B91	RB90X110	950.00	30.9	U5DYB	57.1	U5EYB	0.0 U7DYB
RF	B91	RB90X110	1000.00	30.9	U5DYB	60.9	U5EYB	0.0 U7DYB
RF	B91	RB90X110	1050.00	30.9	U5DYB	64.1	U5EYB	0.0 U7DYB
RF	B91	RB90X110	1100.00	30.9	U5DYB	66.7	U5EYB	0.0 U7DYB

RF	B91	RB90X110	1150.00	30.9	U5DYB	68.7 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1200.00	30.9	U5DYB	70.0 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1250.00	30.9	U5DYB	70.7 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1300.00	30.9	U5DYB	70.7 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1350.00	30.9	U5DYB	70.2 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1400.00	30.9	U5DYB	68.9 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1450.00	30.9	U5DYB	67.1 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1500.00	30.9	U5DYB	64.6 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1550.00	30.9	U5DYB	61.5 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1600.00	30.9	U5DYB	57.8 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1650.00	30.9	U5DYB	53.5 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1700.00	30.9	U5DYB	48.6 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1750.00	30.9	U5DYB	43.1 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1800.00	30.9	U5DYB	37.1 U5EYB	0.0	U7DYB
RF	B91	RB90X110	1850.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B91	RB90X110	1900.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B91	RB90X110	1950.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B91	RB90X110	2000.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B91	RB90X110	2050.00	0.0	U5DYB	0.0 U5DYB	0.0	U7DYB
RF	B92	RGG90X120	57.50	116.1	U5EYA	55.4 U5EYA	0.0	U7DYB
RF	B92	RGG90X120	107.05	101.7	U5EYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	156.60	88.1	U5EYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	206.15	75.3	U5EYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	255.71	63.4	U5EYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	305.26	52.2	U5EYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	354.81	41.8	U5EYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	404.36	34.1	U5DYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	453.91	34.1	U5DYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	503.46	34.1	U5DYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	553.01	34.1	U5DYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	602.56	34.1	U5DYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	652.12	34.1	U5DYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	701.67	34.1	U5DYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	751.22	34.1	U5DYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	800.77	34.1	U5DYA	34.1 U5DYB	0.0	U7DYB
RF	B92	RGG90X120	850.32	34.1	U5DYA	34.1 U5DYB	0.0	U7DYB
RF	B92	RGG90X120	899.87	34.1	U5DYA	34.1 U5DYB	0.0	U7DYB
RF	B92	RGG90X120	949.42	34.1	U5DYA	37.4 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	998.97	34.1	U5DYA	40.4 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	1048.53	34.1	U5DYA	43.0 U5EYA	0.0	U7DYB
RF	B92	RGG90X120	1098.08	34.1	U5DYA	45.2 U5EYA	0.0	U7DYB
RF	B92	RGG90X120	1147.63	34.1	U5DYA	46.9 U5EYA	0.0	U7DYB
RF	B92	RGG90X120	1197.18	34.1	U5DYA	48.0 U5EYA	0.0	U7DYB
RF	B92	RGG90X120	1246.73	34.1	U5DYA	48.5 U5EYA	0.0	U7DYB
RF	B92	RGG90X120	1296.28	34.1	U5DYA	48.5 U5EYA	0.0	U7DYB
RF	B92	RGG90X120	1345.83	34.1	U5DYA	48.0 U5EYA	0.0	U7DYB
RF	B92	RGG90X120	1395.38	34.1	U5DYA	46.9 U5EYA	0.0	U7DYB
RF	B92	RGG90X120	1444.94	34.1	U5DYA	45.3 U5EYA	0.0	U7DYB
RF	B92	RGG90X120	1494.49	34.1	U5DYA	43.1 U5EYA	0.0	U7DYB
RF	B92	RGG90X120	1544.04	34.1	U5DYA	40.4 U5EYA	0.0	U7DYB
RF	B92	RGG90X120	1593.59	34.1	U5DYA	37.2 U5EYA	0.0	U7DYB
RF	B92	RGG90X120	1643.14	34.1	U5DYA	34.1 U7DYA	0.0	U7DYB
RF	B92	RGG90X120	1692.69	34.1	U5DYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	1742.24	34.1	U5DYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	1791.79	34.1	U5DYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	1841.35	34.1	U7DYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	1890.90	41.1	U5EYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	1940.45	50.6	U5EYA	34.1 U5DYA	0.0	U7DYB
RF	B92	RGG90X120	1990.00	60.7	U5EYA	34.1 U5DYA	0.0	U7DYB
RF	B93	RB90X110	0.00	134.3	U5EYB	63.1 U5EYB	0.0	U7DYB
RF	B93	RB90X110	50.00	116.9	U5EYB	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	100.00	100.5	U5EYB	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	150.00	85.2	U5EYA	30.9 U5DYB	0.0	U7DYB

RF	B93	RB90X110	200.00	71.0	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	250.00	57.9	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	300.00	45.6	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	350.00	34.2	U5EYA	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	400.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	450.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	500.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	550.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	600.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	650.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	700.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	750.00	30.9	U5DYB	36.6 U5EYA	0.0	U7DYB
RF	B93	RB90X110	800.00	30.9	U5DYB	42.5 U5EYA	0.0	U7DYB
RF	B93	RB90X110	850.00	30.9	U5DYB	47.9 U5EYA	0.0	U7DYB
RF	B93	RB90X110	900.00	30.9	U5DYB	52.7 U5EYA	0.0	U7DYB
RF	B93	RB90X110	950.00	30.9	U5DYB	57.1 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1000.00	30.9	U5DYB	60.9 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1050.00	30.9	U5DYB	64.1 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1100.00	30.9	U5DYB	66.7 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1150.00	30.9	U5DYB	68.7 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1200.00	30.9	U5DYB	70.0 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1250.00	30.9	U5DYB	70.7 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1300.00	30.9	U5DYB	70.8 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1350.00	30.9	U5DYB	70.2 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1400.00	30.9	U5DYB	69.0 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1450.00	30.9	U5DYB	67.1 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1500.00	30.9	U5DYB	64.6 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1550.00	30.9	U5DYB	61.5 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1600.00	30.9	U5DYB	57.8 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1650.00	30.9	U5DYB	53.5 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1700.00	30.9	U5DYB	48.6 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1750.00	30.9	U5DYB	43.2 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1800.00	30.9	U5DYB	37.2 U5EYB	0.0	U7DYB
RF	B93	RB90X110	1850.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	1900.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	1950.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	2000.00	30.9	U5DYB	30.9 U5DYB	0.0	U7DYB
RF	B93	RB90X110	2050.00	0.0	U5EYB	0.0 U5EYB	0.0	U7DYB
RF	B94	RGG90X120	57.50	105.2	U5EYA	50.4 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	107.05	91.4	U5EYA	33.0 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	156.60	78.4	U5EYA	33.0 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	206.15	66.3	U5EYA	33.0 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	255.71	54.9	U5EYA	33.0 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	305.26	44.3	U5EYA	33.0 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	354.81	34.4	U5EYA	33.0 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	404.36	33.5	U5EYA	33.0 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	453.91	33.0	U5EYA	33.0 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	503.46	33.0	U5EYA	33.0 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	553.01	33.0	U5EYA	33.0 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	602.56	33.0	U5EYA	33.0 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	652.12	33.0	U5EYA	33.0 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	701.67	33.0	U5EYA	34.1 U5DYA	0.0	U7DYB
RF	B94	RGG90X120	751.22	33.0	U5EYA	34.1 U5DYB	0.0	U7DYB
RF	B94	RGG90X120	800.77	33.0	U5EYA	34.1 U5DYB	0.0	U7DYB
RF	B94	RGG90X120	850.32	33.0	U5EYA	34.6 U5DYA	0.0	U7DYB
RF	B94	RGG90X120	899.87	33.0	U5EYA	37.4 U5DYA	0.0	U7DYB
RF	B94	RGG90X120	949.42	33.0	U5EYA	40.3 U5DYA	0.0	U7DYB
RF	B94	RGG90X120	998.97	33.0	U5EYA	43.0 U5DYA	0.0	U7DYB
RF	B94	RGG90X120	1048.53	33.0	U5EYA	45.3 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	1098.08	33.0	U5EYA	47.1 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	1147.63	33.0	U5EYA	48.3 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	1197.18	33.0	U5EYA	49.1 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	1246.73	33.0	U5EYA	49.2 U5EYA	0.0	U7DYB
RF	B94	RGG90X120	1296.28	33.0	U5EYA	48.9 U5EYA	0.0	U7DYB

RF	B94	RGG90X120	1345.83	33.0	U5EYA	47.9	U5EYA	0.0 U7DYB
RF	B94	RGG90X120	1395.38	33.0	U5EYA	46.5	U5EYA	0.0 U7DYB
RF	B94	RGG90X120	1444.94	33.0	U5EYA	44.5	U5EYA	0.0 U7DYB
RF	B94	RGG90X120	1494.49	33.0	U5EYA	41.9	U5EYA	0.0 U7DYB
RF	B94	RGG90X120	1544.04	33.0	U5EYA	38.8	U5EYA	0.0 U7DYB
RF	B94	RGG90X120	1593.59	33.0	U5EYA	35.2	U5EYA	0.0 U7DYB
RF	B94	RGG90X120	1643.14	33.0	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B94	RGG90X120	1692.69	33.0	U5EYA	34.1	U5EYA	0.0 U7DYB
RF	B94	RGG90X120	1742.24	33.0	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B94	RGG90X120	1791.79	34.1	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B94	RGG90X120	1841.35	34.5	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B94	RGG90X120	1890.90	43.8	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B94	RGG90X120	1940.45	53.7	U5EYA	33.0	U5EYA	0.0 U7DYB
RF	B94	RGG90X120	1990.00	64.2	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B95	RB90X110	0.00	132.3	U5EYB	62.2	U5EYB	0.0 U7DYB
RF	B95	RB90X110	50.00	115.0	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	100.00	98.7	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	150.00	83.6	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	200.00	69.5	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	250.00	56.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	300.00	44.3	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	350.00	32.9	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	700.00	30.9	U5DYB	31.2	U5EYA	0.0 U7DYB
RF	B95	RB90X110	750.00	30.9	U5DYB	37.6	U5EYA	0.0 U7DYB
RF	B95	RB90X110	800.00	30.9	U5DYB	43.5	U5EYA	0.0 U7DYB
RF	B95	RB90X110	850.00	30.9	U5DYB	48.9	U5EYA	0.0 U7DYB
RF	B95	RB90X110	900.00	30.9	U5DYB	53.7	U5EYA	0.0 U7DYB
RF	B95	RB90X110	950.00	30.9	U5DYB	58.1	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1000.00	30.9	U5DYB	61.8	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1050.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1100.00	30.9	U5DYB	67.5	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1150.00	30.9	U5DYB	69.5	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1200.00	30.9	U5DYB	70.8	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1250.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1300.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1350.00	30.9	U5DYB	70.8	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1400.00	30.9	U5DYB	69.5	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1450.00	30.9	U5DYB	67.6	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1500.00	30.9	U5DYB	65.1	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1550.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1600.00	30.9	U5DYB	58.2	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1650.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1700.00	30.9	U5DYB	48.9	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1750.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1800.00	30.9	U5DYB	37.4	U5EYB	0.0 U7DYB
RF	B95	RB90X110	1850.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	1900.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	1950.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	2000.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B95	RB90X110	2050.00	0.0	U5DYB	0.0	U5DYB	0.0 U7DYB
RF	B96	RGG90X120	57.50	104.0	U5EYA	49.9	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	107.05	90.4	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	156.60	77.5	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	206.15	65.4	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	255.71	54.1	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	305.26	43.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	354.81	34.1	U7DYA	32.6	U5EYA	0.0 U7DYB

RF	B96	RGG90X120	404.36	32.8	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	453.91	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	503.46	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	553.01	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	602.56	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	652.12	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	701.67	32.6	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	751.22	32.6	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B96	RGG90X120	800.77	32.6	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B96	RGG90X120	850.32	32.6	U5EYA	34.6	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	899.87	32.6	U5EYA	37.3	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	949.42	32.6	U5EYA	40.2	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	998.97	32.6	U5EYA	42.8	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	1048.53	32.6	U5EYA	44.9	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1098.08	32.6	U5EYA	46.7	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1147.63	32.6	U5EYA	47.9	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1197.18	32.6	U5EYA	48.5	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1246.73	32.6	U5EYA	48.7	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1296.28	32.6	U5EYA	48.2	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1345.83	32.6	U5EYA	47.2	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1395.38	32.6	U5EYA	45.7	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1444.94	32.6	U5EYA	43.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1494.49	32.6	U5EYA	41.0	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1544.04	32.6	U5EYA	37.9	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1593.59	32.6	U5EYA	34.2	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1643.14	32.6	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B96	RGG90X120	1692.69	32.6	U5EYA	33.8	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1742.24	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1791.79	34.1	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1841.35	34.8	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1890.90	44.1	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1940.45	54.0	U5EYA	32.6	U5EYA	0.0 U7DYB
RF	B96	RGG90X120	1990.00	64.6	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B97	RB90X110	0.00	132.2	U5EYB	62.1	U5EYB	0.0 U7DYB
RF	B97	RB90X110	50.00	114.9	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	100.00	98.6	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	150.00	83.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	200.00	69.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	250.00	56.3	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	300.00	44.1	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	350.00	32.8	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	700.00	30.9	U5DYB	31.2	U5EYA	0.0 U7DYB
RF	B97	RB90X110	750.00	30.9	U5DYB	37.7	U5EYA	0.0 U7DYB
RF	B97	RB90X110	800.00	30.9	U5DYB	43.6	U5EYA	0.0 U7DYB
RF	B97	RB90X110	850.00	30.9	U5DYB	48.9	U5EYA	0.0 U7DYB
RF	B97	RB90X110	900.00	30.9	U5DYB	53.7	U5EYB	0.0 U7DYB
RF	B97	RB90X110	950.00	30.9	U5DYB	58.1	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1000.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1050.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1100.00	30.9	U5DYB	67.6	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1150.00	30.9	U5DYB	69.5	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1200.00	30.9	U5DYB	70.8	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1250.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1300.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1350.00	30.9	U5DYB	70.8	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1400.00	30.9	U5DYB	69.5	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1450.00	30.9	U5DYB	67.6	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1500.00	30.9	U5DYB	65.1	U5EYB	0.0 U7DYB

RF	B97	RB90X110	1550.00	30.9	U5DYB	62.0	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1600.00	30.9	U5DYB	58.2	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1650.00	30.9	U5DYB	53.9	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1700.00	30.9	U5DYB	48.9	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1750.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1800.00	30.9	U5DYB	37.4	U5EYB	0.0 U7DYB
RF	B97	RB90X110	1850.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	1900.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	1950.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	2000.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B97	RB90X110	2050.00	0.0	U5EYA	0.0	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	57.50	103.4	U5EYA	49.6	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	107.05	89.8	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	156.60	77.0	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	206.15	64.9	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	255.71	53.7	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	305.26	43.2	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	354.81	34.1	U5DYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	404.36	32.4	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	453.91	32.4	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	503.46	32.4	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	553.01	32.4	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	602.56	32.4	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	652.12	32.4	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	701.67	32.4	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	751.22	32.4	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	800.77	32.4	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B98	RGG90X120	850.32	32.4	U5EYA	34.6	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	899.87	32.4	U5EYA	37.3	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	949.42	32.4	U5EYA	40.1	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	998.97	32.4	U5EYA	42.6	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	1048.53	32.4	U5EYA	44.7	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1098.08	32.4	U5EYA	46.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1147.63	32.4	U5EYA	47.6	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1197.18	32.4	U5EYA	48.2	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1246.73	32.4	U5EYA	48.3	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1296.28	32.4	U5EYA	47.8	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1345.83	32.4	U5EYA	46.8	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1395.38	32.4	U5EYA	45.2	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1444.94	32.4	U5EYA	43.1	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1494.49	32.4	U5EYA	40.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1544.04	32.4	U5EYA	37.3	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1593.59	32.4	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B98	RGG90X120	1643.14	32.4	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B98	RGG90X120	1692.69	32.4	U5EYA	32.9	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1742.24	32.4	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1791.79	34.1	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1841.35	34.6	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1890.90	43.8	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1940.45	53.7	U5EYA	32.4	U5EYA	0.0 U7DYB
RF	B98	RGG90X120	1990.00	64.3	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B99	RB90X110	0.00	132.2	U5EYB	62.2	U5EYB	0.0 U7DYB
RF	B99	RB90X110	50.00	114.9	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	100.00	98.6	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	150.00	83.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	200.00	69.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	250.00	56.3	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	300.00	44.1	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	350.00	32.8	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB

RF	B99	RB90X110	600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	700.00	30.9	U5DYB	31.2	U5EYA	0.0 U7DYB
RF	B99	RB90X110	750.00	30.9	U5DYB	37.6	U5EYA	0.0 U7DYB
RF	B99	RB90X110	800.00	30.9	U5DYB	43.5	U5EYA	0.0 U7DYB
RF	B99	RB90X110	850.00	30.9	U5DYB	48.9	U5EYA	0.0 U7DYB
RF	B99	RB90X110	900.00	30.9	U5DYB	53.7	U5EYB	0.0 U7DYB
RF	B99	RB90X110	950.00	30.9	U5DYB	58.1	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1000.00	30.9	U5DYB	61.8	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1050.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1100.00	30.9	U5DYB	67.6	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1150.00	30.9	U5DYB	69.5	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1200.00	30.9	U5DYB	70.8	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1250.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1300.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1350.00	30.9	U5DYB	70.8	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1400.00	30.9	U5DYB	69.5	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1450.00	30.9	U5DYB	67.6	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1500.00	30.9	U5DYB	65.1	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1550.00	30.9	U5DYB	62.0	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1600.00	30.9	U5DYB	58.2	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1650.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1700.00	30.9	U5DYB	48.9	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1750.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1800.00	30.9	U5DYB	37.4	U5EYB	0.0 U7DYB
RF	B99	RB90X110	1850.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	1900.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	1950.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	2000.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B99	RB90X110	2050.00	0.0	U5DYB	0.0	U7DYB	0.0 U7DYB

RF	B100	RGG90X120	57.50	103.0	U5EYA	49.4	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	107.05	89.4	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	156.60	76.6	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	206.15	64.6	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	255.71	53.4	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	305.26	42.9	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	354.81	34.1	U5DYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	404.36	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	453.91	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	503.46	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	553.01	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	602.56	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	652.12	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	701.67	32.3	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B100	RGG90X120	751.22	32.3	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B100	RGG90X120	800.77	32.3	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B100	RGG90X120	850.32	32.3	U5EYA	34.7	U5DYA	0.0 U7DYB
RF	B100	RGG90X120	899.87	32.3	U5EYA	37.4	U5DYA	0.0 U7DYB
RF	B100	RGG90X120	949.42	32.3	U5EYA	40.2	U5DYA	0.0 U7DYB
RF	B100	RGG90X120	998.97	32.3	U5EYA	42.6	U5DYA	0.0 U7DYB
RF	B100	RGG90X120	1048.53	32.3	U5EYA	44.7	U5DYA	0.0 U7DYB
RF	B100	RGG90X120	1098.08	32.3	U5EYA	46.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1147.63	32.3	U5EYA	47.4	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1197.18	32.3	U5EYA	48.0	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1246.73	32.3	U5EYA	48.1	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1296.28	32.3	U5EYA	47.6	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1345.83	32.3	U5EYA	46.5	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1395.38	32.3	U5EYA	44.9	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1444.94	32.3	U5EYA	42.8	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1494.49	32.3	U5EYA	40.1	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1544.04	32.3	U5EYA	36.9	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1593.59	32.3	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B100	RGG90X120	1643.14	32.3	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B100	RGG90X120	1692.69	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB

RF	B100	RGG90X120	1742.24	32.3	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1791.79	34.0	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1841.35	34.1	U7DYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1890.90	43.2	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1940.45	53.1	U5EYA	32.3	U5EYA	0.0 U7DYB
RF	B100	RGG90X120	1990.00	63.6	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B101	RB90X110	0.00	132.2	U5EYB	62.2	U5EYB	0.0 U7DYB
RF	B101	RB90X110	50.00	114.9	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	100.00	98.6	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	150.00	83.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	200.00	69.3	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	250.00	56.3	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	300.00	44.1	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	350.00	32.7	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	700.00	30.9	U5DYB	31.1	U5EYA	0.0 U7DYB
RF	B101	RB90X110	750.00	30.9	U5DYB	37.6	U5EYA	0.0 U7DYB
RF	B101	RB90X110	800.00	30.9	U5DYB	43.5	U5EYA	0.0 U7DYB
RF	B101	RB90X110	850.00	30.9	U5DYB	48.8	U5EYA	0.0 U7DYB
RF	B101	RB90X110	900.00	30.9	U5DYB	53.7	U5EYB	0.0 U7DYB
RF	B101	RB90X110	950.00	30.9	U5DYB	58.1	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1000.00	30.9	U5DYB	61.8	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1050.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1100.00	30.9	U5DYB	67.5	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1150.00	30.9	U5DYB	69.5	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1200.00	30.9	U5DYB	70.8	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1250.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1300.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1350.00	30.9	U5DYB	70.8	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1400.00	30.9	U5DYB	69.5	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1450.00	30.9	U5DYB	67.6	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1500.00	30.9	U5DYB	65.1	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1550.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1600.00	30.9	U5DYB	58.2	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1650.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1700.00	30.9	U5DYB	48.9	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1750.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1800.00	30.9	U5DYB	37.4	U5EYB	0.0 U7DYB
RF	B101	RB90X110	1850.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	1900.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	1950.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	2000.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B101	RB90X110	2050.00	0.0	U5EYB	0.0	U5EYB	0.0 U7DYB
RF	B102	RGG90X120	57.50	102.6	U5EYA	49.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	107.05	89.0	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	156.60	76.3	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	206.15	64.3	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	255.71	53.1	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	305.26	42.7	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	354.81	34.1	U5DYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	404.36	32.2	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	453.91	32.2	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	503.46	32.2	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	553.01	32.2	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	602.56	32.2	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	652.12	32.2	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	701.67	32.2	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	751.22	32.2	U5EYA	34.1	U5DYB	0.0 U7DYB

RF	B102	RGG90X120	800.77	32.2	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B102	RGG90X120	850.32	32.2	U5EYA	34.8	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	899.87	32.2	U5EYA	37.5	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	949.42	32.2	U5EYA	40.2	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	998.97	32.2	U5EYA	42.7	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	1048.53	32.2	U5EYA	44.7	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	1098.08	32.2	U5EYA	46.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1147.63	32.2	U5EYA	47.3	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1197.18	32.2	U5EYA	47.9	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1246.73	32.2	U5EYA	47.9	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1296.28	32.2	U5EYA	47.4	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1345.83	32.2	U5EYA	46.3	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1395.38	32.2	U5EYA	44.7	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1444.94	32.2	U5EYA	42.5	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1494.49	32.2	U5EYA	39.8	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1544.04	32.2	U5EYA	36.6	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1593.59	32.2	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B102	RGG90X120	1643.14	32.2	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B102	RGG90X120	1692.69	32.2	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1742.24	32.2	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1791.79	33.2	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1841.35	34.1	U7DYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1890.90	42.5	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1940.45	52.4	U5EYA	32.2	U5EYA	0.0 U7DYB
RF	B102	RGG90X120	1990.00	62.8	U5EYA	34.1	U5DYA	0.0 U7DYB

RF	B103	RB90X110	0.00	132.2	U5EYB	62.1	U5EYB	0.0 U7DYB
RF	B103	RB90X110	50.00	114.9	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	100.00	98.6	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	150.00	83.3	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	200.00	69.3	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	250.00	56.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	300.00	44.0	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	350.00	32.7	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	700.00	30.9	U5DYB	31.1	U5EYA	0.0 U7DYB
RF	B103	RB90X110	750.00	30.9	U5DYB	37.5	U5EYA	0.0 U7DYB
RF	B103	RB90X110	800.00	30.9	U5DYB	43.4	U5EYA	0.0 U7DYB
RF	B103	RB90X110	850.00	30.9	U5DYB	48.8	U5EYA	0.0 U7DYB
RF	B103	RB90X110	900.00	30.9	U5DYB	53.7	U5EYB	0.0 U7DYB
RF	B103	RB90X110	950.00	30.9	U5DYB	58.0	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1000.00	30.9	U5DYB	61.8	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1050.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1100.00	30.9	U5DYB	67.5	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1150.00	30.9	U5DYB	69.5	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1200.00	30.9	U5DYB	70.7	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1250.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1300.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1350.00	30.9	U5DYB	70.8	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1400.00	30.9	U5DYB	69.5	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1450.00	30.9	U5DYB	67.6	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1500.00	30.9	U5DYB	65.1	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1550.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1600.00	30.9	U5DYB	58.2	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1650.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1700.00	30.9	U5DYB	48.9	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1750.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1800.00	30.9	U5DYB	37.4	U5EYB	0.0 U7DYB
RF	B103	RB90X110	1850.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	1900.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB

RF	B103	RB90X110	1950.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	2000.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B103	RB90X110	2050.00	0.0	U5DYB	0.0	U5DYB	0.0 U7DYB
RF	B104	RGG90X120	57.50	102.2	U5EYA	49.0	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	107.05	88.7	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	156.60	75.9	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	206.15	64.0	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	255.71	52.8	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	305.26	42.4	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	354.81	34.1	U5DYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	404.36	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	453.91	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	503.46	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	553.01	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	602.56	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	652.12	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	701.67	32.1	U5EYA	34.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	751.22	32.1	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B104	RGG90X120	800.77	32.1	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B104	RGG90X120	850.32	32.1	U5EYA	34.8	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	899.87	32.1	U5EYA	37.5	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	949.42	32.1	U5EYA	40.3	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	998.97	32.1	U5EYA	42.7	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	1048.53	32.1	U5EYA	44.6	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	1098.08	32.1	U5EYA	46.1	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	1147.63	32.1	U5EYA	47.2	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1197.18	32.1	U5EYA	47.7	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1246.73	32.1	U5EYA	47.7	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1296.28	32.1	U5EYA	47.2	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1345.83	32.1	U5EYA	46.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1395.38	32.1	U5EYA	44.4	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1444.94	32.1	U5EYA	42.2	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1494.49	32.1	U5EYA	39.5	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1544.04	32.1	U5EYA	36.3	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1593.59	32.1	U5EYA	34.1	U7DYA	0.0 U7DYB
RF	B104	RGG90X120	1643.14	32.1	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B104	RGG90X120	1692.69	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1742.24	32.1	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1791.79	32.4	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1841.35	34.1	U7DYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1890.90	41.8	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1940.45	51.6	U5EYA	32.1	U5EYA	0.0 U7DYB
RF	B104	RGG90X120	1990.00	62.0	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B105	RB90X110	0.00	132.2	U5EYB	62.1	U5EYB	0.0 U7DYB
RF	B105	RB90X110	50.00	114.9	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	100.00	98.6	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	150.00	83.3	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	200.00	69.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	250.00	56.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	300.00	44.0	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	350.00	32.7	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	700.00	30.9	U5DYB	31.1	U5EYA	0.0 U7DYB
RF	B105	RB90X110	750.00	30.9	U5DYB	37.5	U5EYA	0.0 U7DYB
RF	B105	RB90X110	800.00	30.9	U5DYB	43.4	U5EYA	0.0 U7DYB
RF	B105	RB90X110	850.00	30.9	U5DYB	48.7	U5EYA	0.0 U7DYB
RF	B105	RB90X110	900.00	30.9	U5DYB	53.7	U5EYB	0.0 U7DYB
RF	B105	RB90X110	950.00	30.9	U5DYB	58.0	U5EYB	0.0 U7DYB

RF	B105	RB90X110	1000.00	30.9	U5DYB	61.8	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1050.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1100.00	30.9	U5DYB	67.5	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1150.00	30.9	U5DYB	69.4	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1200.00	30.9	U5DYB	70.7	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1250.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1300.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1350.00	30.9	U5DYB	70.8	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1400.00	30.9	U5DYB	69.5	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1450.00	30.9	U5DYB	67.6	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1500.00	30.9	U5DYB	65.1	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1550.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1600.00	30.9	U5DYB	58.2	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1650.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1700.00	30.9	U5DYB	48.9	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1750.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1800.00	30.9	U5DYB	37.4	U5EYB	0.0 U7DYB
RF	B105	RB90X110	1850.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	1900.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	1950.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	2000.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B105	RB90X110	2050.00	0.0	U7DYB	0.0	U5EYB	0.0 U7DYB
RF	B106	RGG90X120	57.50	101.8	U5EYA	48.9	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	107.05	88.3	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	156.60	75.6	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	206.15	63.7	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	255.71	52.6	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	305.26	42.2	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	354.81	34.1	U5DYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	404.36	32.0	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	453.91	32.0	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	503.46	32.0	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	553.01	32.0	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	602.56	32.0	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	652.12	32.0	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	701.67	32.0	U5EYA	34.1	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	751.22	32.0	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B106	RGG90X120	800.77	32.0	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B106	RGG90X120	850.32	32.0	U5EYA	34.7	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	899.87	32.0	U5EYA	37.5	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	949.42	32.0	U5EYA	40.2	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	998.97	32.0	U5EYA	42.6	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	1048.53	32.0	U5EYA	44.5	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	1098.08	32.0	U5EYA	46.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1147.63	32.0	U5EYA	47.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1197.18	32.0	U5EYA	47.6	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1246.73	32.0	U5EYA	47.5	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1296.28	32.0	U5EYA	47.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1345.83	32.0	U5EYA	45.9	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1395.38	32.0	U5EYA	44.2	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1444.94	32.0	U5EYA	42.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1494.49	32.0	U5EYA	39.3	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1544.04	32.0	U5EYA	36.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1593.59	32.0	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	1643.14	32.0	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B106	RGG90X120	1692.69	32.0	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1742.24	32.0	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1791.79	32.0	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1841.35	34.1	U7DYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1890.90	41.2	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1940.45	50.9	U5EYA	32.0	U5EYA	0.0 U7DYB
RF	B106	RGG90X120	1990.00	61.3	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B107	RB90X110	0.00	132.2	U5EYB	62.1	U5EYB	0.0 U7DYB

RF	B107	RB90X110	50.00	114.9	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	100.00	98.6	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	150.00	83.3	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	200.00	69.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	250.00	56.1	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	300.00	44.0	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	350.00	32.6	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	700.00	30.9	U5DYB	31.0	U5EYA	0.0 U7DYB
RF	B107	RB90X110	750.00	30.9	U5DYB	37.4	U5EYA	0.0 U7DYB
RF	B107	RB90X110	800.00	30.9	U5DYB	43.4	U5EYA	0.0 U7DYB
RF	B107	RB90X110	850.00	30.9	U5DYB	48.7	U5EYA	0.0 U7DYB
RF	B107	RB90X110	900.00	30.9	U5DYB	53.6	U5EYB	0.0 U7DYB
RF	B107	RB90X110	950.00	30.9	U5DYB	58.0	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1000.00	30.9	U5DYB	61.8	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1050.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1100.00	30.9	U5DYB	67.5	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1150.00	30.9	U5DYB	69.4	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1200.00	30.9	U5DYB	70.7	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1250.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1300.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1350.00	30.9	U5DYB	70.8	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1400.00	30.9	U5DYB	69.5	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1450.00	30.9	U5DYB	67.6	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1500.00	30.9	U5DYB	65.1	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1550.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1600.00	30.9	U5DYB	58.2	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1650.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1700.00	30.9	U5DYB	48.9	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1750.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1800.00	30.9	U5DYB	37.3	U5EYB	0.0 U7DYB
RF	B107	RB90X110	1850.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	1900.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	1950.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	2000.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B107	RB90X110	2050.00	0.0	U5DYA	0.0	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	57.50	101.6	U5EYA	48.7	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	107.05	88.1	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	156.60	75.4	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	206.15	63.5	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	255.71	52.4	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	305.26	42.0	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	354.81	34.1	U5DYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	404.36	31.9	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	453.91	31.9	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	503.46	31.9	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	553.01	31.9	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	602.56	31.9	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	652.12	31.9	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	701.67	31.9	U5EYA	34.1	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	751.22	31.9	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B108	RGG90X120	800.77	31.9	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B108	RGG90X120	850.32	31.9	U5EYA	34.6	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	899.87	31.9	U5EYA	37.4	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	949.42	31.9	U5EYA	40.1	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	998.97	31.9	U5EYA	42.4	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	1048.53	31.9	U5EYA	44.4	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	1098.08	31.9	U5EYA	45.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1147.63	31.9	U5EYA	47.0	U5EYA	0.0 U7DYB

RF	B108	RGG90X120	1197.18	31.9	U5EYA	47.5	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1246.73	31.9	U5EYA	47.4	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1296.28	31.9	U5EYA	46.8	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1345.83	31.9	U5EYA	45.7	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1395.38	31.9	U5EYA	44.0	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1444.94	31.9	U5EYA	41.8	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1494.49	31.9	U5EYA	39.1	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1544.04	31.9	U5EYA	35.8	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1593.59	31.9	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	1643.14	31.9	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B108	RGG90X120	1692.69	31.9	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1742.24	31.9	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1791.79	31.9	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1841.35	34.1	U5DYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1890.90	40.9	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1940.45	50.7	U5EYA	31.9	U5EYA	0.0 U7DYB
RF	B108	RGG90X120	1990.00	61.0	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B109	RB90X110	0.00	132.1	U5EYB	62.1	U5EYB	0.0 U7DYB
RF	B109	RB90X110	50.00	114.9	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	100.00	98.5	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	150.00	83.2	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	200.00	69.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	250.00	56.1	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	300.00	43.9	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	350.00	32.6	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	700.00	30.9	U5DYB	31.0	U5EYA	0.0 U7DYB
RF	B109	RB90X110	750.00	30.9	U5DYB	37.5	U5EYA	0.0 U7DYB
RF	B109	RB90X110	800.00	30.9	U5DYB	43.4	U5EYA	0.0 U7DYB
RF	B109	RB90X110	850.00	30.9	U5DYB	48.7	U5EYA	0.0 U7DYB
RF	B109	RB90X110	900.00	30.9	U5DYB	53.7	U5EYB	0.0 U7DYB
RF	B109	RB90X110	950.00	30.9	U5DYB	58.0	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1000.00	30.9	U5DYB	61.8	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1050.00	30.9	U5DYB	65.0	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1100.00	30.9	U5DYB	67.5	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1150.00	30.9	U5DYB	69.4	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1200.00	30.9	U5DYB	70.7	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1250.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1300.00	30.9	U5DYB	71.4	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1350.00	30.9	U5DYB	70.8	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1400.00	30.9	U5DYB	69.5	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1450.00	30.9	U5DYB	67.6	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1500.00	30.9	U5DYB	65.1	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1550.00	30.9	U5DYB	61.9	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1600.00	30.9	U5DYB	58.2	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1650.00	30.9	U5DYB	53.8	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1700.00	30.9	U5DYB	48.9	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1750.00	30.9	U5DYB	43.4	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1800.00	30.9	U5DYB	37.4	U5EYB	0.0 U7DYB
RF	B109	RB90X110	1850.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	1900.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	1950.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	2000.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B109	RB90X110	2050.00	0.0	U5DYA	0.0	U5DYA	0.0 U7DYB
RF	B110	RGG90X120	57.50	97.6	U5EYA	46.9	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	107.05	84.7	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	156.60	72.6	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	206.15	61.3	U5EYA	30.7	U5EYA	0.0 U7DYB

RF	B110	RGG90X120	255.71	50.7	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	305.26	40.7	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	354.81	34.1	U5DYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	404.36	30.7	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	453.91	30.7	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	503.46	30.7	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	553.01	30.7	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	602.56	30.7	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	652.12	30.7	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	701.67	30.7	U5EYA	32.8	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	751.22	30.7	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B110	RGG90X120	800.77	30.7	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B110	RGG90X120	850.32	30.7	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B110	RGG90X120	899.87	30.7	U5EYA	35.6	U5DYA	0.0 U7DYB
RF	B110	RGG90X120	949.42	30.7	U5EYA	38.2	U5DYA	0.0 U7DYB
RF	B110	RGG90X120	998.97	30.7	U5EYA	40.5	U5DYA	0.0 U7DYB
RF	B110	RGG90X120	1048.53	30.7	U5EYA	42.4	U5DYA	0.0 U7DYB
RF	B110	RGG90X120	1098.08	30.7	U5EYA	44.0	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1147.63	30.7	U5EYA	45.1	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1197.18	30.7	U5EYA	45.6	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1246.73	30.7	U5EYA	45.6	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1296.28	30.7	U5EYA	45.1	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1345.83	30.7	U5EYA	44.1	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1395.38	30.7	U5EYA	42.6	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1444.94	30.7	U5EYA	40.6	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1494.49	30.7	U5EYA	38.0	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1544.04	30.7	U5EYA	35.0	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1593.59	30.7	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B110	RGG90X120	1643.14	30.7	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B110	RGG90X120	1692.69	30.7	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1742.24	30.7	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1791.79	30.7	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1841.35	34.1	U5DYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1890.90	38.5	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1940.45	47.7	U5EYA	30.7	U5EYA	0.0 U7DYB
RF	B110	RGG90X120	1990.00	57.5	U5EYA	34.1	U5DYA	0.0 U7DYB

RF	B111	RB90X110	0.00	118.4	U5EYB	56.1	U5EYB	0.0 U7DYB
RF	B111	RB90X110	50.00	103.1	U5EYB	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	100.00	88.6	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	150.00	75.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	200.00	62.7	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	250.00	51.0	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	300.00	40.1	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	350.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	700.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	750.00	30.9	U5DYB	33.9	U5EYA	0.0 U7DYB
RF	B111	RB90X110	800.00	30.9	U5DYB	39.2	U5EYA	0.0 U7DYB
RF	B111	RB90X110	850.00	30.9	U5DYB	44.0	U5EYA	0.0 U7DYB
RF	B111	RB90X110	900.00	30.9	U5DYB	48.3	U5EYA	0.0 U7DYB
RF	B111	RB90X110	950.00	30.9	U5DYB	52.2	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1000.00	30.9	U5DYB	55.5	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1050.00	30.9	U5DYB	58.4	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1100.00	30.9	U5DYB	60.7	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1150.00	30.9	U5DYB	62.4	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1200.00	30.9	U5DYB	63.5	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1250.00	30.9	U5DYB	64.1	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1300.00	30.9	U5DYB	64.1	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1350.00	30.9	U5DYB	63.6	U5EYB	0.0 U7DYB

RF	B111	RB90X110	1400.00	30.9	U5DYB	62.5	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1450.00	30.9	U5DYB	60.8	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1500.00	30.9	U5DYB	58.5	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1550.00	30.9	U5DYB	55.7	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1600.00	30.9	U5DYB	52.4	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1650.00	30.9	U5DYB	48.5	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1700.00	30.9	U5DYB	44.1	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1750.00	30.9	U5DYB	39.2	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1800.00	30.9	U5DYB	33.8	U5EYB	0.0 U7DYB
RF	B111	RB90X110	1850.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	1900.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	1950.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	2000.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B111	RB90X110	2050.00	0.0	U7EXA	0.0	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	57.50	101.0	U5EYA	48.5	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	107.05	87.6	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	156.60	75.0	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	206.15	63.2	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	255.71	52.1	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	305.26	41.8	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	354.81	34.1	U5DYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	404.36	31.7	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	453.91	31.7	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	503.46	31.7	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	553.01	31.7	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	602.56	31.7	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	652.12	31.7	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	701.67	31.7	U5EYA	34.1	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	751.22	31.7	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	800.77	31.7	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B112	RGG90X120	850.32	31.7	U5EYA	34.4	U5DYA	0.0 U7DYB
RF	B112	RGG90X120	899.87	31.7	U5EYA	37.0	U5DYA	0.0 U7DYB
RF	B112	RGG90X120	949.42	31.7	U5EYA	39.6	U5DYA	0.0 U7DYB
RF	B112	RGG90X120	998.97	31.7	U5EYA	42.0	U5DYA	0.0 U7DYB
RF	B112	RGG90X120	1048.53	31.7	U5EYA	43.9	U5DYA	0.0 U7DYB
RF	B112	RGG90X120	1098.08	31.7	U5EYA	45.4	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1147.63	31.7	U5EYA	46.4	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1197.18	31.7	U5EYA	46.8	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1246.73	31.7	U5EYA	46.8	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1296.28	31.7	U5EYA	46.1	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1345.83	31.7	U5EYA	44.9	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1395.38	31.7	U5EYA	43.2	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1444.94	31.7	U5EYA	41.0	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1494.49	31.7	U5EYA	38.2	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1544.04	31.7	U5EYA	34.9	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1593.59	31.7	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B112	RGG90X120	1643.14	31.7	U5EYA	34.1	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1692.69	31.7	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1742.24	31.7	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1791.79	31.7	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1841.35	34.1	U5DYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1890.90	39.9	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1940.45	49.6	U5EYA	31.7	U5EYA	0.0 U7DYB
RF	B112	RGG90X120	1990.00	59.8	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B113	RB90X110	0.00	146.6	U5EYB	68.4	U5EYB	0.0 U7DYB
RF	B113	RB90X110	50.00	127.3	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	100.00	109.1	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	150.00	92.0	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	200.00	76.1	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	250.00	61.5	U5EYA	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	300.00	48.1	U5EYA	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	350.00	35.6	U5EYA	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	400.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB

RF	B113	RB90X110	450.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	500.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	550.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	600.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	650.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	700.00	33.2	U5EYB	33.6	U5EYA	0.0 U7DYB
RF	B113	RB90X110	750.00	33.2	U5EYB	40.7	U5EYA	0.0 U7DYB
RF	B113	RB90X110	800.00	33.2	U5EYB	47.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	850.00	33.2	U5EYB	53.3	U5EYB	0.0 U7DYB
RF	B113	RB90X110	900.00	33.2	U5EYB	58.8	U5EYB	0.0 U7DYB
RF	B113	RB90X110	950.00	33.2	U5EYB	63.7	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1000.00	33.2	U5EYB	67.8	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1050.00	33.2	U5EYB	71.4	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1100.00	33.2	U5EYB	74.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1150.00	33.2	U5EYB	76.3	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1200.00	33.2	U5EYB	77.8	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1250.00	33.2	U5EYB	78.5	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1300.00	33.2	U5EYB	78.5	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1350.00	33.2	U5EYB	77.8	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1400.00	33.2	U5EYB	76.4	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1450.00	33.2	U5EYB	74.3	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1500.00	33.2	U5EYB	71.5	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1550.00	33.2	U5EYB	68.0	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1600.00	33.2	U5EYB	63.9	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1650.00	33.2	U5EYB	59.0	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1700.00	33.2	U5EYB	53.6	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1750.00	33.2	U5EYB	47.5	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1800.00	33.2	U5EYB	40.8	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1850.00	33.2	U5EYB	33.6	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1900.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	1950.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	2000.00	33.2	U5EYB	33.2	U5EYB	0.0 U7DYB
RF	B113	RB90X110	2050.00	0.0	U5DYB	0.0	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	60.00	100.5	U5EYA	48.3	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	109.49	86.9	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	158.97	74.1	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	208.46	62.1	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	257.95	50.9	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	307.44	40.4	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	356.92	34.1	U5DYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	406.41	31.6	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	455.90	31.6	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	505.38	31.6	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	554.87	31.6	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	604.36	31.6	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	653.85	31.6	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	703.33	31.6	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B114	RGG90X120	752.82	31.6	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	802.31	31.6	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B114	RGG90X120	851.79	31.6	U5EYA	35.3	U5DYA	0.0 U7DYB
RF	B114	RGG90X120	901.28	31.6	U5EYA	38.1	U5DYA	0.0 U7DYB
RF	B114	RGG90X120	950.77	31.6	U5EYA	40.7	U5DYA	0.0 U7DYB
RF	B114	RGG90X120	1000.26	31.6	U5EYA	42.9	U5DYA	0.0 U7DYB
RF	B114	RGG90X120	1049.74	31.6	U5EYA	44.7	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1099.23	31.6	U5EYA	46.0	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1148.72	31.6	U5EYA	46.7	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1198.21	31.6	U5EYA	46.9	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1247.69	31.6	U5EYA	46.5	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1297.18	31.6	U5EYA	45.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1346.67	31.6	U5EYA	44.0	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1396.15	31.6	U5EYA	41.9	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1445.64	31.6	U5EYA	39.3	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1495.13	31.6	U5EYA	36.1	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1544.62	31.6	U5EYA	34.1	U5DYA	0.0 U7DYB

RF	B114	RGG90X120	1594.10	31.6	U5EYA	34.1	U5DYA	0.0 U7DYB
RF	B114	RGG90X120	1643.59	31.6	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1693.08	31.6	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1742.56	31.6	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1792.05	34.1	U5DYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1841.54	37.7	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1891.03	47.4	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1940.51	57.8	U5EYA	31.6	U5EYA	0.0 U7DYB
RF	B114	RGG90X120	1990.00	68.9	U5EYA	34.1	U5DYB	0.0 U7DYB
RF	B115	RB90X110	0.00	131.4	U5EYB	61.8	U5EYB	0.0 U7DYB
RF	B115	RB90X110	50.00	114.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	100.00	98.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	150.00	83.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	200.00	69.1	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	250.00	56.1	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	300.00	43.9	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	350.00	32.6	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	700.00	30.9	U5DYB	32.1	U5EYA	0.0 U7DYB
RF	B115	RB90X110	750.00	30.9	U5DYB	38.5	U5EYA	0.0 U7DYB
RF	B115	RB90X110	800.00	30.9	U5DYB	44.4	U5EYA	0.0 U7DYB
RF	B115	RB90X110	850.00	30.9	U5DYB	49.7	U5EYA	0.0 U7DYB
RF	B115	RB90X110	900.00	30.9	U5DYB	54.5	U5EYA	0.0 U7DYB
RF	B115	RB90X110	950.00	30.9	U5DYB	58.7	U5EYA	0.0 U7DYB
RF	B115	RB90X110	1000.00	30.9	U5DYB	62.4	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1050.00	30.9	U5DYB	65.5	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1100.00	30.9	U5DYB	68.1	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1150.00	30.9	U5DYB	70.0	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1200.00	30.9	U5DYB	71.2	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1250.00	30.9	U5DYB	71.8	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1300.00	30.9	U5DYB	71.8	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1350.00	30.9	U5DYB	71.2	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1400.00	30.9	U5DYB	69.9	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1450.00	30.9	U5DYB	67.9	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1500.00	30.9	U5DYB	65.4	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1550.00	30.9	U5DYB	62.2	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1600.00	30.9	U5DYB	58.4	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1650.00	30.9	U5DYB	54.0	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1700.00	30.9	U5DYB	49.1	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1750.00	30.9	U5DYB	43.6	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1800.00	30.9	U5DYB	37.5	U5EYB	0.0 U7DYB
RF	B115	RB90X110	1850.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	1900.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	1950.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	2000.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B115	RB90X110	2050.00	0.0	U7EYB	0.0	U7EYB	0.0 U7DYB
RF	B116	RB90X110	0.00	133.2	U5EYA	62.6	U5EYA	0.0 U7DYB
RF	B116	RB90X110	50.00	116.2	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	100.00	100.0	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	150.00	84.9	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	200.00	70.8	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	250.00	57.7	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	300.00	45.4	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	350.00	34.0	U5EYA	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	400.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	450.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	500.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	550.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB

RF	B116	RB90X110	600.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	650.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	700.00	30.9	U5DYB	33.6	U5EYA	0.0 U7DYB
RF	B116	RB90X110	750.00	30.9	U5DYB	39.9	U5EYA	0.0 U7DYB
RF	B116	RB90X110	800.00	30.9	U5DYB	45.8	U5EYA	0.0 U7DYB
RF	B116	RB90X110	850.00	30.9	U5DYB	51.0	U5EYA	0.0 U7DYB
RF	B116	RB90X110	900.00	30.9	U5DYB	55.8	U5EYA	0.0 U7DYB
RF	B116	RB90X110	950.00	30.9	U5DYB	59.9	U5EYA	0.0 U7DYB
RF	B116	RB90X110	1000.00	30.9	U5DYB	63.5	U5EYA	0.0 U7DYB
RF	B116	RB90X110	1050.00	30.9	U5DYB	66.5	U5EYA	0.0 U7DYB
RF	B116	RB90X110	1100.00	30.9	U5DYB	68.8	U5EYA	0.0 U7DYB
RF	B116	RB90X110	1150.00	30.9	U5DYB	70.6	U5EYA	0.0 U7DYB
RF	B116	RB90X110	1200.00	30.9	U5DYB	71.7	U5EYA	0.0 U7DYB
RF	B116	RB90X110	1250.00	30.9	U5DYB	72.2	U5EYB	0.0 U7DYB
RF	B116	RB90X110	1300.00	30.9	U5DYB	72.2	U5EYB	0.0 U7DYB
RF	B116	RB90X110	1350.00	30.9	U5DYB	71.5	U5EYB	0.0 U7DYB
RF	B116	RB90X110	1400.00	30.9	U5DYB	70.2	U5EYB	0.0 U7DYB
RF	B116	RB90X110	1450.00	30.9	U5DYB	68.2	U5EYB	0.0 U7DYB
RF	B116	RB90X110	1500.00	30.9	U5DYB	65.6	U5EYB	0.0 U7DYB
RF	B116	RB90X110	1550.00	30.9	U5DYB	62.4	U5EYB	0.0 U7DYB
RF	B116	RB90X110	1600.00	30.9	U5DYB	58.6	U5EYB	0.0 U7DYB
RF	B116	RB90X110	1650.00	30.9	U5DYB	54.2	U5EYB	0.0 U7DYB
RF	B116	RB90X110	1700.00	30.9	U5DYB	49.2	U5EYB	0.0 U7DYB
RF	B116	RB90X110	1750.00	30.9	U5DYB	43.7	U5EYB	0.0 U7DYB
RF	B116	RB90X110	1800.00	30.9	U5DYB	37.6	U5EYB	0.0 U7DYB
RF	B116	RB90X110	1850.00	30.9	U5DYB	31.0	U5EYB	0.0 U7DYB
RF	B116	RB90X110	1900.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	1950.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	2000.00	30.9	U5DYB	30.9	U5DYB	0.0 U7DYB
RF	B116	RB90X110	2050.00	0.0	U5DYB	0.0	U5EYB	0.0 U7DYB

RF	B121	G90X120	45.00	51.7	U5EYA	34.1	U7EYA	0.0 U7DYB
RF	B121	G90X120	94.72	41.2	U5EYA	34.1	U7EYA	0.0 U7DYB
RF	B121	G90X120	144.44	34.1	U7DYA	32.8	U7EYA	0.0 U7DYB
RF	B121	G90X120	194.17	30.4	U7EYA	30.2	U5EYA	0.0 U7DYB
RF	B121	G90X120	243.89	23.7	U5EYA	27.6	U5EYA	0.0 U7DYB
RF	B121	G90X120	293.61	23.7	U5EYA	24.2	U5EYA	0.0 U7DYB
RF	B121	G90X120	343.33	23.7	U5EYA	23.7	U5EYA	0.0 U7DYB
RF	B121	G90X120	393.06	23.7	U5EYA	23.7	U5EYA	0.0 U7DYB
RF	B121	G90X120	442.78	23.7	U5EYA	23.7	U5EYA	0.0 U7DYB
RF	B121	G90X120	492.50	23.7	U5EYA	23.7	U5EYA	0.0 U7DYB
RF	B121	G90X120	542.22	23.7	U5EYA	28.2	U5EYA	0.0 U7DYB
RF	B121	G90X120	591.94	23.7	U5EYA	33.3	U5EYA	0.0 U7DYB
RF	B121	G90X120	641.67	24.2	U7EYA	34.1	U5DYA	0.0 U7DYB
RF	B121	G90X120	691.39	33.4	U7EYA	34.1	U7DYA	0.0 U7DYB
RF	B121	G90X120	741.11	34.1	U7DYA	34.1	U7DYA	0.0 U7DYB
RF	B121	G90X120	790.83	42.0	U5EYA	35.5	U7EYA	0.0 U7DYB
RF	B121	G90X120	840.56	52.0	U5EYA	37.4	U7EYA	0.0 U7DYB
RF	B121	G90X120	890.28	62.8	U5EYA	38.9	U7EYA	0.0 U7DYB
RF	B121	G90X120	940.00	74.4	U5EYA	39.9	U7EYA	0.0 U7DYB

RF	B126	RGB90X120	60.00	24.3	U5EXA	16.3	U7EXA	49.3 U7DXB
RF	B126	RGB90X120	108.00	15.0	U7EXA	17.0	U5EXA	49.3 U7DXB
RF	B126	RGB90X120	156.00	10.3	U5EXA	18.7	U5EXA	49.3 U7DXB
RF	B126	RGB90X120	204.00	10.3	U5EXA	19.6	U5EXA	49.3 U7DXB
RF	B126	RGB90X120	252.00	10.3	U5EXA	19.8	U5EXA	49.3 U7DXB
RF	B126	RGB90X120	300.00	10.3	U5EXA	19.3	U5EXA	49.3 U7DXB
RF	B126	RGB90X120	300.00	10.3	U5EXA	19.3	U5EXA	49.3 U7DXB
RF	B126	RGB90X120	349.00	10.3	U5EXA	11.0	U5EXA	49.3 U7DXB
RF	B126	RGB90X120	398.00	10.3	U5EXA	10.3	U5EXA	49.3 U7DXB
RF	B126	RGB90X120	447.00	14.9	U5EXA	10.3	U5EXA	49.3 U7DXB
RF	B126	RGB90X120	496.00	27.9	U5EXA	10.3	U5EXA	49.3 U7DXB
RF	B126	RGB90X120	545.00	34.1	U5DYA	20.7	U5EXA	49.3 U7DXB

RF	B127	RGB90X120	55.00	34.1	U5DXA	20.9	U5EXA	49.3 U7DYA

RF	B127	RGB90X120	104.00	29.1	U5EXA	10.4	U5EXA	49.3 U7DYA
RF	B127	RGB90X120	153.00	17.0	U5EXA	10.4	U5EXA	49.3 U7DYA
RF	B127	RGB90X120	202.00	10.4	U5EXA	10.4	U7EXA	49.3 U7DYA
RF	B127	RGB90X120	251.00	10.4	U5EXA	12.9	U5EXA	49.3 U7DYA
RF	B127	RGB90X120	300.00	10.4	U5EXA	15.0	U5DXB	49.3 U7DYA
RF	B127	RGB90X120	300.00	10.4	U5EXA	15.0	U5DXB	49.3 U7DYA
RF	B127	RGB90X120	349.00	10.4	U5EXA	13.8	U5EXA	49.3 U7DYA
RF	B127	RGB90X120	398.00	10.4	U5EXA	12.7	U5EXA	49.3 U7DYA
RF	B127	RGB90X120	447.00	13.8	U7EXA	10.9	U5EXA	49.3 U7DYA
RF	B127	RGB90X120	496.00	23.0	U7EXA	10.4	U5EXA	49.3 U7DYA
RF	B127	RGB90X120	545.00	33.6	U5EXA	16.6	U5EXA	49.3 U7DYA
RF	B128	RGB90X120	55.00	30.8	U7EXA	15.3	U7EXA	0.0 U7DYB
RF	B128	RGB90X120	104.00	21.3	U7EXA	11.5	U5EXA	0.0 U7DYB
RF	B128	RGB90X120	153.00	12.5	U7EXA	13.6	U5EXA	0.0 U7DYB
RF	B128	RGB90X120	202.00	10.8	U5EXA	14.9	U5EXA	0.0 U7DYB
RF	B128	RGB90X120	251.00	10.8	U5EXA	15.4	U5EXA	0.0 U7DYB
RF	B128	RGB90X120	300.00	10.8	U5EXA	15.6	U5DXB	0.0 U7DYB
RF	B128	RGB90X120	300.00	10.8	U5EXA	15.6	U5DXB	0.0 U7DYB
RF	B128	RGB90X120	349.00	10.8	U5EXA	12.6	U5EXA	0.0 U7DYB
RF	B128	RGB90X120	398.00	10.8	U5EXA	10.8	U5EXA	0.0 U7DYB
RF	B128	RGB90X120	447.00	17.7	U5EXA	10.8	U5EXA	0.0 U7DYB
RF	B128	RGB90X120	496.00	30.5	U5EXA	10.8	U5EXA	0.0 U7DYB
RF	B128	RGB90X120	545.00	34.1	U5DYA	21.8	U5EXA	0.0 U7DYB
RF	B129	RGB90X120	55.00	34.1	U5DXA	18.1	U5EXA	0.0 U7DYB
RF	B129	RGB90X120	104.00	24.7	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B129	RGB90X120	153.00	13.7	U5EXA	9.9	U7EXA	0.0 U7DYB
RF	B129	RGB90X120	202.00	9.7	U5EXA	11.6	U5EXA	0.0 U7DYB
RF	B129	RGB90X120	251.00	9.7	U5EXA	13.2	U5EXA	0.0 U7DYB
RF	B129	RGB90X120	300.00	9.7	U5EXA	14.6	U5EYB	0.0 U7DYB
RF	B129	RGB90X120	300.00	9.7	U5EXA	14.6	U5EYB	0.0 U7DYB
RF	B129	RGB90X120	349.00	9.7	U5EXA	12.7	U5EXA	0.0 U7DYB
RF	B129	RGB90X120	398.00	9.7	U5EXA	10.5	U5EXA	0.0 U7DYB
RF	B129	RGB90X120	447.00	15.4	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B129	RGB90X120	496.00	27.0	U5EXA	9.7	U5EXA	0.0 U7DYB
RF	B129	RGB90X120	545.00	34.1	U5DXA	19.5	U5EXA	0.0 U7DYB
RF	B130	RGB90X120	55.00	34.1	U5DXA	17.9	U5EXA	0.0 U7DYB
RF	B130	RGB90X120	104.00	24.4	U5EXA	9.5	U5EXA	0.0 U7DYB
RF	B130	RGB90X120	153.00	13.3	U5EXA	9.9	U7EXA	0.0 U7DYB
RF	B130	RGB90X120	202.00	9.5	U5EXA	12.0	U5EXA	0.0 U7DYB
RF	B130	RGB90X120	251.00	9.5	U5EXA	13.7	U5EXA	0.0 U7DYB
RF	B130	RGB90X120	300.00	9.5	U5EXA	15.1	U5EYB	0.0 U7DYB
RF	B130	RGB90X120	300.00	9.5	U5EXA	15.1	U5EYB	0.0 U7DYB
RF	B130	RGB90X120	349.00	9.5	U5EXA	13.3	U5EXA	0.0 U7DYB
RF	B130	RGB90X120	398.00	9.5	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B130	RGB90X120	447.00	14.8	U5EXA	9.5	U5EXA	0.0 U7DYB
RF	B130	RGB90X120	496.00	26.4	U5EXA	9.5	U5EXA	0.0 U7DYB
RF	B130	RGB90X120	545.00	34.1	U5DXA	19.2	U5EXA	0.0 U7DYB
RF	B131	RGB90X120	55.00	34.1	U5DXA	18.0	U5EXA	0.0 U7DYB
RF	B131	RGB90X120	104.00	24.4	U5EXA	9.5	U5EXA	0.0 U7DYB
RF	B131	RGB90X120	153.00	13.3	U5EXA	9.9	U7EXA	0.0 U7DYB
RF	B131	RGB90X120	202.00	9.5	U5EXA	12.1	U5EXA	0.0 U7DYB
RF	B131	RGB90X120	251.00	9.5	U5EXA	13.8	U5EXA	0.0 U7DYB
RF	B131	RGB90X120	300.00	9.5	U5EXA	15.2	U5EYB	0.0 U7DYB
RF	B131	RGB90X120	300.00	9.5	U5EXA	15.2	U5EYB	0.0 U7DYB
RF	B131	RGB90X120	349.00	9.5	U5EXA	13.3	U5EXA	0.0 U7DYB
RF	B131	RGB90X120	398.00	9.5	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B131	RGB90X120	447.00	14.8	U5EXA	9.5	U5EXA	0.0 U7DYB
RF	B131	RGB90X120	496.00	26.3	U5EXA	9.5	U5EXA	0.0 U7DYB
RF	B131	RGB90X120	545.00	34.1	U5DXA	19.2	U5EXA	0.0 U7DYB
RF	B132	RGB90X120	55.00	34.1	U5DXA	18.0	U5EXA	0.0 U7DYB

RF	B132	RGB90X120	104.00	24.4	U5EXA	9.5	U5EXA	0.0	U7DYB
RF	B132	RGB90X120	153.00	13.4	U5EXA	9.9	U7EXA	0.0	U7DYB
RF	B132	RGB90X120	202.00	9.5	U5EXA	12.1	U5EXA	0.0	U7DYB
RF	B132	RGB90X120	251.00	9.5	U5EXA	13.8	U5EXA	0.0	U7DYB
RF	B132	RGB90X120	300.00	9.5	U5EXA	15.2	U5EYB	0.0	U7DYB
RF	B132	RGB90X120	300.00	9.5	U5EXA	15.2	U5EYB	0.0	U7DYB
RF	B132	RGB90X120	349.00	9.5	U5EXA	13.3	U5EXA	0.0	U7DYB
RF	B132	RGB90X120	398.00	9.5	U5EXA	11.1	U5EXA	0.0	U7DYB
RF	B132	RGB90X120	447.00	14.8	U5EXA	9.5	U5EXA	0.0	U7DYB
RF	B132	RGB90X120	496.00	26.3	U5EXA	9.5	U5EXA	0.0	U7DYB
RF	B132	RGB90X120	545.00	34.1	U5DXA	19.1	U5EXA	0.0	U7DYB
RF	B133	RGB90X120	55.00	34.1	U5DXA	18.0	U5EXA	0.0	U7DYB
RF	B133	RGB90X120	104.00	24.4	U5EXA	9.5	U5EXA	0.0	U7DYB
RF	B133	RGB90X120	153.00	13.4	U5EXA	9.9	U7EXA	0.0	U7DYB
RF	B133	RGB90X120	202.00	9.5	U5EXA	12.0	U5EXA	0.0	U7DYB
RF	B133	RGB90X120	251.00	9.5	U5EXA	13.8	U5EXA	0.0	U7DYB
RF	B133	RGB90X120	300.00	9.5	U5EXA	15.2	U5EYB	0.0	U7DYB
RF	B133	RGB90X120	300.00	9.5	U5EXA	15.2	U5EYB	0.0	U7DYB
RF	B133	RGB90X120	349.00	9.5	U5EXA	13.3	U5EXA	0.0	U7DYB
RF	B133	RGB90X120	398.00	9.5	U5EXA	11.2	U5EXA	0.0	U7DYB
RF	B133	RGB90X120	447.00	14.7	U5EXA	9.5	U7EXA	0.0	U7DYB
RF	B133	RGB90X120	496.00	26.2	U5EXA	9.5	U5EXA	0.0	U7DYB
RF	B133	RGB90X120	545.00	34.1	U5DXA	19.1	U5EXA	0.0	U7DYB
RF	B134	RGB90X120	55.00	34.1	U5DXA	18.0	U5EXA	0.0	U7DYB
RF	B134	RGB90X120	104.00	24.5	U5EXA	9.5	U5EXA	0.0	U7DYB
RF	B134	RGB90X120	153.00	13.4	U5EXA	9.9	U7EXA	0.0	U7DYB
RF	B134	RGB90X120	202.00	9.5	U5EXA	12.0	U5EXA	0.0	U7DYB
RF	B134	RGB90X120	251.00	9.5	U5EXA	13.8	U5EXA	0.0	U7DYB
RF	B134	RGB90X120	300.00	9.5	U5EXA	15.2	U5EYB	0.0	U7DYB
RF	B134	RGB90X120	300.00	9.5	U5EXA	15.2	U5EYB	0.0	U7DYB
RF	B134	RGB90X120	349.00	9.5	U5EXA	13.3	U5EXA	0.0	U7DYB
RF	B134	RGB90X120	398.00	9.5	U5EXA	11.2	U5EXA	0.0	U7DYB
RF	B134	RGB90X120	447.00	14.6	U5EXA	9.5	U7EXA	0.0	U7DYB
RF	B134	RGB90X120	496.00	26.1	U5EXA	9.5	U5EXA	0.0	U7DYB
RF	B134	RGB90X120	545.00	34.1	U5DXA	19.1	U5EXA	0.0	U7DYB
RF	B135	RGB90X120	55.00	34.1	U5DXA	18.0	U5EXA	0.0	U7DYB
RF	B135	RGB90X120	104.00	24.5	U5EXA	9.4	U5EXA	0.0	U7DYB
RF	B135	RGB90X120	153.00	13.5	U5EXA	10.0	U7EXA	0.0	U7DYB
RF	B135	RGB90X120	202.00	9.4	U5EXA	12.1	U5EXA	0.0	U7DYB
RF	B135	RGB90X120	251.00	9.4	U5EXA	13.9	U5EXA	0.0	U7DYB
RF	B135	RGB90X120	300.00	9.4	U5EXA	15.3	U5EYB	0.0	U7DYB
RF	B135	RGB90X120	300.00	9.4	U5EXA	15.3	U5EYB	0.0	U7DYB
RF	B135	RGB90X120	349.00	9.4	U5EXA	13.3	U5EXA	0.0	U7DYB
RF	B135	RGB90X120	398.00	9.4	U5EXA	11.1	U5EXA	0.0	U7DYB
RF	B135	RGB90X120	447.00	14.4	U5EXA	9.4	U7EXA	0.0	U7DYB
RF	B135	RGB90X120	496.00	25.9	U5EXA	9.4	U5EXA	0.0	U7DYB
RF	B135	RGB90X120	545.00	34.1	U5DXA	18.9	U5EXA	0.0	U7DYB
RF	B136	RGB90X120	55.00	34.1	U5DXA	18.2	U5EXA	0.0	U7DYB
RF	B136	RGB90X120	104.00	24.6	U5EXA	9.8	U5EXA	0.0	U7DYB
RF	B136	RGB90X120	153.00	13.3	U5EXA	10.6	U7EXA	0.0	U7DYB
RF	B136	RGB90X120	202.00	9.8	U5EXA	12.6	U5EXA	0.0	U7DYB
RF	B136	RGB90X120	251.00	9.8	U5EXA	14.1	U5EXA	0.0	U7DYB
RF	B136	RGB90X120	300.00	9.8	U5EXA	15.6	U5DXB	0.0	U7DYB
RF	B136	RGB90X120	300.00	9.8	U5EXA	15.6	U5DXB	0.0	U7DYB
RF	B136	RGB90X120	349.00	9.8	U5EXA	14.1	U5EXA	0.0	U7DYB
RF	B136	RGB90X120	398.00	9.8	U5EXA	12.1	U5EXA	0.0	U7DYB
RF	B136	RGB90X120	447.00	15.4	U5EXA	10.6	U7EXA	0.0	U7DYB
RF	B136	RGB90X120	496.00	27.2	U5EXA	9.8	U5EXA	0.0	U7DYB
RF	B136	RGB90X120	545.00	34.1	U5DXA	19.7	U5EXA	0.0	U7DYB
RF	B137	RGB90X120	55.00	31.6	U5EXA	15.6	U5EXA	0.0	U7DYB

RF	B137	RGB90X120	105.00	20.2	U5EXA	7.9	U5EXA	0.0 U7DYB
RF	B137	RGB90X120	155.00	9.8	U5EXA	7.9	U5EXA	0.0 U7DYB
RF	B137	RGB90X120	205.00	7.9	U5EXA	7.9	U5EXA	0.0 U7DYB
RF	B137	RGB90X120	255.00	7.9	U5EXA	8.6	U5EXB	0.0 U7DYB
RF	B137	RGB90X120	255.00	7.9	U5EXA	8.6	U5EXB	0.0 U7DYB
RF	B137	RGB90X120	305.00	7.9	U5EXA	7.9	U5EXA	0.0 U7DYB
RF	B137	RGB90X120	355.00	10.2	U5EXA	7.9	U5EXA	0.0 U7DYB
RF	B137	RGB90X120	405.00	20.6	U5EXA	7.9	U5EXA	0.0 U7DYB
RF	B137	RGB90X120	455.00	31.9	U5EXA	15.8	U5EXA	0.0 U7DYB
RF	B138	RGB90X120	55.00	34.1	U7DXA	22.3	U5EXA	0.0 U7DYB
RF	B138	RGB90X120	103.33	32.5	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B138	RGB90X120	151.67	20.8	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B138	RGB90X120	200.00	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B138	RGB90X120	248.33	11.1	U5EXA	12.0	U5EXA	0.0 U7DYB
RF	B138	RGB90X120	296.67	11.1	U5EXA	15.1	U5EXA	0.0 U7DYB
RF	B138	RGB90X120	345.00	11.1	U5EXA	18.0	U5EYB	0.0 U7DYB
RF	B138	RGB90X120	345.00	11.1	U5EXA	18.0	U5EYB	0.0 U7DYB
RF	B138	RGB90X120	393.33	11.1	U5EXA	15.3	U5EXA	0.0 U7DYB
RF	B138	RGB90X120	441.67	11.1	U5EXA	12.4	U5EXA	0.0 U7DYB
RF	B138	RGB90X120	490.00	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B138	RGB90X120	538.33	20.4	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B138	RGB90X120	586.67	32.0	U5EXA	11.1	U5EXA	0.0 U7DYB
RF	B138	RGB90X120	635.00	34.1	U7DXA	22.0	U5EXA	0.0 U7DYB
RF	B139	RGB90X120	55.00	48.3	U5EXA	31.6	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	104.00	34.3	U5EXA	15.7	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	153.00	28.1	U5EXA	15.7	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	202.00	15.7	U5EXA	15.7	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	251.00	15.7	U5EXA	18.4	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	300.00	15.7	U5EXA	29.3	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	300.00	15.7	U5EXA	29.3	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	350.00	15.7	U5EXA	29.7	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	400.00	15.7	U5EXA	29.5	U5DXA	49.3 U7DYB
RF	B139	RGB90X120	450.00	15.7	U5EXA	30.6	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	500.00	15.7	U5EXA	33.0	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	550.00	15.7	U5EXA	34.1	U5DXA	49.3 U7DYB
RF	B139	RGB90X120	600.00	15.7	U5EXA	34.1	U5DXA	49.3 U7DYB
RF	B139	RGB90X120	600.00	15.7	U5EXA	34.1	U5DXA	49.3 U7DYB
RF	B139	RGB90X120	649.00	15.7	U5EXA	26.0	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	698.00	15.7	U5EXA	15.8	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	747.00	22.1	U5EXA	15.7	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	796.00	34.1	U5DXA	15.7	U5EXA	49.3 U7DYB
RF	B139	RGB90X120	845.00	41.4	U5EXA	27.2	U5EXA	49.3 U7DYB
4F	B1	G90X120	60.00	34.1	U5DXA	29.7	U7EXA	49.3 U7DYA
4F	B1	G90X120	108.50	28.4	U5EXA	26.5	U7EXA	49.3 U7DYA
4F	B1	G90X120	157.00	19.0	U5EXA	22.5	U7EXA	49.3 U7DYA
4F	B1	G90X120	205.50	10.8	U5EXA	17.7	U7EXA	49.3 U7DYA
4F	B1	G90X120	254.00	10.1	U5EXA	12.5	U5EXA	49.3 U7DYA
4F	B1	G90X120	302.50	10.1	U5EXA	10.1	U5EXA	49.3 U7DYA
4F	B1	G90X120	351.00	10.1	U5EXA	10.1	U5EXA	49.3 U7DYA
4F	B1	G90X120	399.50	10.1	U5EXA	10.5	U5EXA	49.3 U7DYA
4F	B1	G90X120	448.00	18.5	U5EXA	13.2	U7EXA	49.3 U7DYA
4F	B1	G90X120	496.50	29.2	U5EXA	15.5	U7EXA	49.3 U7DYA
4F	B1	G90X120	545.00	34.1	U7DXA	20.4	U5EXA	49.3 U7DYA
4F	B2	G90X120	55.00	38.3	U5EXA	25.2	U5EXA	0.0 U7DYB
4F	B2	G90X120	104.00	34.1	U5DXA	21.1	U7EXA	0.0 U7DYB
4F	B2	G90X120	153.00	24.9	U5EXA	17.9	U7EXA	0.0 U7DYB
4F	B2	G90X120	202.00	13.8	U5EXA	13.9	U7EXA	0.0 U7DYB
4F	B2	G90X120	251.00	12.5	U5EXA	12.5	U5EXA	0.0 U7DYB
4F	B2	G90X120	300.00	12.5	U5EXA	12.5	U5EXA	0.0 U7DYB
4F	B2	G90X120	349.00	12.5	U5EXA	12.5	U5EXA	0.0 U7DYB
4F	B2	G90X120	398.00	12.5	U5EXA	18.8	U5EXA	0.0 U7DYB

4F	B2	G90X120	447.00	18.5	U7EXA	24.2	U5EXA	0.0 U7DYB
4F	B2	G90X120	496.00	27.7	U7EXA	28.5	U5EXA	0.0 U7DYB
4F	B2	G90X120	545.00	34.1	U7DXA	31.7	U5EXA	0.0 U7DYB
4F	B3	G90X120	55.00	34.1	U7DXA	27.3	U5EXA	0.0 U7DYB
4F	B3	G90X120	99.33	30.0	U7EXA	25.3	U5EXA	0.0 U7DYB
4F	B3	G90X120	143.67	21.3	U7EXA	22.4	U5EXA	0.0 U7DYB
4F	B3	G90X120	188.00	13.3	U7EXA	18.6	U5EXA	0.0 U7DYB
4F	B3	G90X120	232.33	11.2	U5EXA	13.9	U5EXA	0.0 U7DYB
4F	B3	G90X120	276.67	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
4F	B3	G90X120	321.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
4F	B3	G90X120	321.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
4F	B3	G90X120	365.80	11.2	U5EXA	11.3	U7EXA	0.0 U7DYB
4F	B3	G90X120	410.60	14.1	U5EXA	15.8	U7EXA	0.0 U7DYB
4F	B3	G90X120	455.40	23.6	U5EXA	19.6	U7EXA	0.0 U7DYB
4F	B3	G90X120	500.20	34.1	U5EXA	22.6	U7EXA	0.0 U7DYB
4F	B3	G90X120	545.00	34.4	U5EXA	25.0	U7EXA	0.0 U7DYB
4F	B4	G90X120	55.00	34.1	U7DXA	23.0	U7EXA	0.0 U7DYB
4F	B4	G90X120	104.00	31.7	U5EXA	20.8	U7EXA	0.0 U7DYB
4F	B4	G90X120	153.00	20.9	U5EXA	17.7	U7EXA	0.0 U7DYB
4F	B4	G90X120	202.00	11.3	U5EXA	13.8	U7EXA	0.0 U7DYB
4F	B4	G90X120	251.00	10.8	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B4	G90X120	300.00	10.8	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B4	G90X120	349.00	10.8	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B4	G90X120	398.00	10.8	U5EXA	15.4	U5EXA	0.0 U7DYB
4F	B4	G90X120	447.00	18.3	U7EXA	19.3	U5EXA	0.0 U7DYB
4F	B4	G90X120	496.00	28.1	U5EXA	22.8	U7EXA	0.0 U7DYB
4F	B4	G90X120	545.00	34.1	U7DXA	25.5	U7EXA	0.0 U7DYB
4F	B5	G90X120	55.00	34.1	U7DXA	23.0	U7EXA	0.0 U7DYB
4F	B5	G90X120	104.00	31.8	U5EXA	20.7	U7EXA	0.0 U7DYB
4F	B5	G90X120	153.00	20.8	U5EXA	17.7	U7EXA	0.0 U7DYB
4F	B5	G90X120	202.00	11.2	U5EXA	13.8	U7EXA	0.0 U7DYB
4F	B5	G90X120	251.00	10.8	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B5	G90X120	300.00	10.8	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B5	G90X120	349.00	10.8	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B5	G90X120	398.00	10.8	U5EXA	15.9	U5EXA	0.0 U7DYB
4F	B5	G90X120	447.00	18.2	U7EXA	20.0	U5EXA	0.0 U7DYB
4F	B5	G90X120	496.00	27.3	U7EXA	22.9	U5EXA	0.0 U7DYB
4F	B5	G90X120	545.00	34.1	U7DXA	25.6	U7EXA	0.0 U7DYB
4F	B6	G90X120	55.00	34.1	U7DXA	22.9	U7EXA	0.0 U7DYB
4F	B6	G90X120	104.00	31.7	U5EXA	20.7	U7EXA	0.0 U7DYB
4F	B6	G90X120	153.00	20.7	U5EXA	17.7	U7EXA	0.0 U7DYB
4F	B6	G90X120	202.00	11.1	U7EXA	13.8	U5EXA	0.0 U7DYB
4F	B6	G90X120	251.00	10.8	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B6	G90X120	300.00	10.8	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B6	G90X120	349.00	10.8	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B6	G90X120	398.00	10.8	U5EXA	16.0	U5EXA	0.0 U7DYB
4F	B6	G90X120	447.00	18.2	U7EXA	20.0	U5EXA	0.0 U7DYB
4F	B6	G90X120	496.00	27.3	U7EXA	22.9	U5EXA	0.0 U7DYB
4F	B6	G90X120	545.00	34.1	U7DXA	25.5	U7EXA	0.0 U7DYB
4F	B7	G90X120	55.00	34.1	U7DXA	22.9	U7EXA	0.0 U7DYB
4F	B7	G90X120	104.00	31.6	U5EXA	20.7	U7EXA	0.0 U7DYB
4F	B7	G90X120	153.00	20.7	U5EXA	17.6	U7EXA	0.0 U7DYB
4F	B7	G90X120	202.00	11.1	U7EXA	13.8	U5EXA	0.0 U7DYB
4F	B7	G90X120	251.00	10.8	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B7	G90X120	300.00	10.8	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B7	G90X120	349.00	10.8	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B7	G90X120	398.00	10.8	U5EXA	15.9	U5EXA	0.0 U7DYB
4F	B7	G90X120	447.00	18.2	U7EXA	19.9	U5EXA	0.0 U7DYB
4F	B7	G90X120	496.00	27.2	U7EXA	22.8	U5EXA	0.0 U7DYB
4F	B7	G90X120	545.00	34.1	U7DXA	25.4	U7EXA	0.0 U7DYB

4F	B8	G90X120	55.00	34.1	U7DXA	22.8	U7EXA	0.0 U7DYB
4F	B8	G90X120	104.00	31.5	U5EXA	20.6	U7EXA	0.0 U7DYB
4F	B8	G90X120	153.00	20.6	U5EXA	17.6	U7EXA	0.0 U7DYB
4F	B8	G90X120	202.00	11.1	U7EXA	13.7	U5EXA	0.0 U7DYB
4F	B8	G90X120	251.00	10.7	U5EXA	10.7	U5EXA	0.0 U7DYB
4F	B8	G90X120	300.00	10.7	U5EXA	10.7	U5EXA	0.0 U7DYB
4F	B8	G90X120	349.00	10.7	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B8	G90X120	398.00	10.7	U5EXA	15.9	U5EXA	0.0 U7DYB
4F	B8	G90X120	447.00	18.1	U7EXA	19.9	U5EXA	0.0 U7DYB
4F	B8	G90X120	496.00	27.2	U7EXA	22.7	U5EXA	0.0 U7DYB
4F	B8	G90X120	545.00	34.1	U7DXA	25.3	U7EXA	0.0 U7DYB
4F	B9	G90X120	55.00	34.1	U7DXA	22.7	U7EXA	0.0 U7DYB
4F	B9	G90X120	104.00	31.4	U5EXA	20.5	U7EXA	0.0 U7DYB
4F	B9	G90X120	153.00	20.6	U5EXA	17.5	U7EXA	0.0 U7DYB
4F	B9	G90X120	202.00	11.0	U7EXA	13.7	U5EXA	0.0 U7DYB
4F	B9	G90X120	251.00	10.7	U5EXA	10.7	U5EXA	0.0 U7DYB
4F	B9	G90X120	300.00	10.7	U5EXA	10.7	U5EXA	0.0 U7DYB
4F	B9	G90X120	349.00	10.7	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B9	G90X120	398.00	10.7	U5EXA	15.8	U5EXA	0.0 U7DYB
4F	B9	G90X120	447.00	18.1	U7EXA	19.8	U5EXA	0.0 U7DYB
4F	B9	G90X120	496.00	27.1	U7EXA	22.6	U5EXA	0.0 U7DYB
4F	B9	G90X120	545.00	34.1	U7DXA	25.2	U7EXA	0.0 U7DYB
4F	B10	G90X120	55.00	34.1	U7DXA	22.8	U7EXA	0.0 U7DYB
4F	B10	G90X120	104.00	31.4	U5EXA	20.7	U7EXA	0.0 U7DYB
4F	B10	G90X120	153.00	20.6	U5EXA	17.6	U7EXA	0.0 U7DYB
4F	B10	G90X120	202.00	11.0	U7EXA	13.8	U5EXA	0.0 U7DYB
4F	B10	G90X120	251.00	10.7	U5EXA	10.7	U5EXA	0.0 U7DYB
4F	B10	G90X120	300.00	10.7	U5EXA	10.7	U5EXA	0.0 U7DYB
4F	B10	G90X120	349.00	10.7	U5EXA	10.8	U5EXA	0.0 U7DYB
4F	B10	G90X120	398.00	10.7	U5EXA	15.9	U5EXA	0.0 U7DYB
4F	B10	G90X120	447.00	18.0	U7EXA	19.8	U5EXA	0.0 U7DYB
4F	B10	G90X120	496.00	27.1	U7EXA	22.6	U5EXA	0.0 U7DYB
4F	B10	G90X120	545.00	34.1	U7DXA	25.3	U7EXA	0.0 U7DYB
4F	B11	G90X120	55.00	34.1	U7DXA	24.2	U7EXA	0.0 U7DYB
4F	B11	G90X120	104.00	31.2	U5EXA	21.7	U7EXA	0.0 U7DYB
4F	B11	G90X120	153.00	20.4	U5EXA	18.4	U7EXA	0.0 U7DYB
4F	B11	G90X120	202.00	11.0	U7EXA	14.4	U5EXA	0.0 U7DYB
4F	B11	G90X120	251.00	10.6	U5EXA	10.6	U5EXA	0.0 U7DYB
4F	B11	G90X120	300.00	10.6	U5EXA	10.6	U5EXA	0.0 U7DYB
4F	B11	G90X120	349.00	10.6	U5EXA	10.7	U5EXA	0.0 U7DYB
4F	B11	G90X120	398.00	10.6	U5EXA	15.7	U5EXA	0.0 U7DYB
4F	B11	G90X120	447.00	19.0	U7EXA	19.6	U5EXA	0.0 U7DYB
4F	B11	G90X120	496.00	28.5	U5EXA	22.5	U7EXA	0.0 U7DYB
4F	B11	G90X120	545.00	34.1	U7DXA	25.2	U7EXA	0.0 U7DYB
4F	B12	G90X120	55.00	34.1	U7DXA	21.2	U7EXA	0.0 U7DYB
4F	B12	G90X120	105.00	28.0	U5EXA	17.5	U7EXA	0.0 U7DYB
4F	B12	G90X120	155.00	16.6	U5EXA	12.9	U7EXA	0.0 U7DYB
4F	B12	G90X120	205.00	10.0	U5EXA	10.0	U5EXA	0.0 U7DYB
4F	B12	G90X120	255.00	10.0	U5EXA	10.0	U5EXA	0.0 U7DYB
4F	B12	G90X120	305.00	10.0	U5EXA	10.0	U5EXA	0.0 U7DYB
4F	B12	G90X120	355.00	14.1	U7EXA	16.3	U5EXA	0.0 U7DYB
4F	B12	G90X120	405.00	23.2	U7EXA	21.7	U5EXA	0.0 U7DYB
4F	B12	G90X120	455.00	33.4	U5EXA	26.1	U7EXA	0.0 U7DYB
4F	B13	G90X120	55.00	41.3	U5EXA	27.1	U5EXA	0.0 U7DYB
4F	B13	G90X120	103.33	34.1	U7DXA	13.5	U5EXA	0.0 U7DYB
4F	B13	G90X120	151.67	29.4	U5EXA	13.5	U5EXA	0.0 U7DYB
4F	B13	G90X120	200.00	18.5	U5EXA	13.5	U5EXA	0.0 U7DYB
4F	B13	G90X120	248.33	13.5	U5EXA	13.5	U5EXA	0.0 U7DYB
4F	B13	G90X120	296.67	13.5	U5EXA	13.5	U5EXA	0.0 U7DYB

4F	B13	G90X120	345.00	13.5	U5EXA	13.5	U5EXA	0.0 U7DYB
4F	B13	G90X120	393.33	13.5	U5EXA	13.5	U5EXA	0.0 U7DYB
4F	B13	G90X120	441.67	13.5	U5EXA	18.8	U5EXA	0.0 U7DYB
4F	B13	G90X120	490.00	13.5	U5EXA	23.1	U5EXA	0.0 U7DYB
4F	B13	G90X120	538.33	15.3	U7EXA	26.2	U5EXA	0.0 U7DYB
4F	B13	G90X120	586.67	22.5	U7EXA	28.3	U5EXA	0.0 U7DYB
4F	B13	G90X120	635.00	30.5	U7EXA	29.2	U5EXA	0.0 U7DYB
4F	B14	G90X120	55.00	38.0	U5EXA	24.9	U5EXA	0.0 U7DYB
4F	B14	G90X120	104.38	34.1	U5DXA	12.4	U5EXA	0.0 U7DYB
4F	B14	G90X120	153.75	27.1	U5EXA	12.4	U5EXA	0.0 U7DYB
4F	B14	G90X120	203.13	17.3	U5EXA	12.9	U7EXA	0.0 U7DYB
4F	B14	G90X120	252.50	12.4	U5EXA	14.1	U5EXA	0.0 U7DYB
4F	B14	G90X120	301.88	12.4	U5EXA	15.2	U5EXA	0.0 U7DYB
4F	B14	G90X120	351.25	12.4	U5EXA	15.2	U5EXA	0.0 U7DYB
4F	B14	G90X120	400.63	12.4	U5EXA	14.0	U5EXA	0.0 U7DYB
4F	B14	G90X120	450.00	12.4	U5EXA	13.8	U5EXA	0.0 U7DYB
4F	B14	G90X120	499.38	12.4	U5EXA	16.7	U5EXA	0.0 U7DYB
4F	B14	G90X120	548.75	12.4	U5EXA	18.3	U5EXA	0.0 U7DYB
4F	B14	G90X120	598.13	12.4	U5EXA	18.9	U5EXA	0.0 U7DYB
4F	B14	G90X120	647.50	12.4	U5EXA	18.3	U5EXA	0.0 U7DYB
4F	B14	G90X120	696.88	17.2	U7EXA	16.5	U5EXA	0.0 U7DYB
4F	B14	G90X120	746.25	26.3	U5EXA	14.8	U7EXA	0.0 U7DYB
4F	B14	G90X120	795.63	34.1	U5DXA	12.5	U7EXA	0.0 U7DYB
4F	B14	G90X120	845.00	36.6	U5EXA	24.0	U5EXA	0.0 U7DYB
4F	B17	G90X120	60.00	104.1	U5EYA	52.1	U7EYA	0.0 U7DYB
4F	B17	G90X120	108.42	87.4	U5EYA	51.0	U7EYA	0.0 U7DYB
4F	B17	G90X120	156.84	72.1	U5EYA	49.2	U7EYA	0.0 U7DYB
4F	B17	G90X120	205.26	58.1	U5EYA	46.8	U7EYA	0.0 U7DYB
4F	B17	G90X120	253.68	45.3	U7EYA	43.8	U5EYA	0.0 U7DYB
4F	B17	G90X120	302.11	34.7	U7EYA	41.2	U5EYA	0.0 U7DYB
4F	B17	G90X120	350.53	33.1	U7EYA	37.8	U5EYA	0.0 U7DYB
4F	B17	G90X120	398.95	32.6	U5EYA	34.1	U7DYA	0.0 U7DYB
4F	B17	G90X120	447.37	32.6	U5EYA	34.1	U5DYA	0.0 U7DYB
4F	B17	G90X120	495.79	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
4F	B17	G90X120	544.21	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
4F	B17	G90X120	592.63	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
4F	B17	G90X120	641.05	32.6	U5EYA	32.6	U5EYA	0.0 U7DYB
4F	B17	G90X120	689.47	32.6	U5EYA	34.1	U5EYA	0.0 U7DYB
4F	B17	G90X120	737.89	32.6	U5EYA	34.1	U7DYA	0.0 U7DYB
4F	B17	G90X120	786.32	34.1	U7DYA	34.1	U7DYA	0.0 U7DYB
4F	B17	G90X120	834.74	42.0	U5EYA	37.2	U7EYA	0.0 U7DYB
4F	B17	G90X120	883.16	55.2	U5EYA	40.0	U7EYA	0.0 U7DYB
4F	B17	G90X120	931.58	69.5	U5EYA	42.2	U7EYA	0.0 U7DYB
4F	B17	G90X120	980.00	85.1	U5EYA	43.8	U7EYA	0.0 U7DYB
4F	B24G100X150-C		60.00	171.2	U5EYA	81.5	U5EYA	0.0 U7DYB
4F	B24G100X150-C		109.49	151.3	U5EYA	48.5	U5DYA	0.0 U7DYB
4F	B24G100X150-C		158.97	132.8	U5EYA	48.5	U5DYA	0.0 U7DYB
4F	B24G100X150-C		208.46	115.3	U5EYA	48.5	U5DYA	0.0 U7DYB
4F	B24G100X150-C		257.95	99.1	U5EYA	48.5	U5DYA	0.0 U7DYB
4F	B24G100X150-C		307.44	83.8	U5EYA	48.5	U7DYA	0.0 U7DYB
4F	B24G100X150-C		356.92	69.5	U5EYA	48.5	U7DYA	0.0 U7DYB
4F	B24G100X150-C		406.41	56.9	U7EYA	49.6	U5EYA	0.0 U7DYB
4F	B24G100X150-C		455.90	48.5	U7DYA	53.5	U5EYA	0.0 U7DYB
4F	B24G100X150-C		505.38	48.5	U5DYA	56.8	U5EYA	0.0 U7DYB
4F	B24G100X150-C		554.87	48.5	U5DYA	59.3	U5EYA	0.0 U7DYB
4F	B24G100X150-C		604.36	48.5	U5DYA	61.1	U5EYA	0.0 U7DYB
4F	B24G100X150-C		653.85	48.5	U5DYA	62.2	U5EYA	0.0 U7DYB
4F	B24G100X150-C		703.33	48.5	U5DYA	62.6	U5EYA	0.0 U7DYB
4F	B24G100X150-C		752.82	48.5	U5DYA	62.2	U5EYA	0.0 U7DYB
4F	B24G100X150-C		802.31	48.5	U5DYA	61.2	U5EYA	0.0 U7DYB
4F	B24G100X150-C		851.79	48.5	U5DYA	59.3	U5EYA	0.0 U7DYB
4F	B24G100X150-C		901.28	48.5	U5DYA	56.8	U5EYA	0.0 U7DYB

4F	B24G100X150-C	950.77	48.5	U5DYA	53.6 U5EYA	0.0	U7DYB
4F	B24G100X150-C	1000.26	48.5	U5DYA	49.6 U5EYA	0.0	U7DYB
4F	B24G100X150-C	1049.74	48.5	U5DYA	48.5 U5DYB	0.0	U7DYB
4F	B24G100X150-C	1099.23	48.5	U5DYA	49.3 U5EYA	0.0	U7DYB
4F	B24G100X150-C	1148.72	48.5	U5DYA	51.6 U5EYA	0.0	U7DYB
4F	B24G100X150-C	1198.21	48.5	U5DYA	53.2 U5EYA	0.0	U7DYB
4F	B24G100X150-C	1247.69	48.5	U5DYA	54.1 U5EYA	0.0	U7DYB
4F	B24G100X150-C	1297.18	48.5	U5DYA	54.3 U5EYA	0.0	U7DYB
4F	B24G100X150-C	1346.67	48.5	U5DYA	53.8 U5EYA	0.0	U7DYB
4F	B24G100X150-C	1396.15	48.5	U5DYA	52.5 U5EYA	0.0	U7DYB
4F	B24G100X150-C	1445.64	48.5	U5DYA	50.5 U5EYA	0.0	U7DYB
4F	B24G100X150-C	1495.13	48.5	U5DYA	48.5 U7DYA	0.0	U7DYB
4F	B24G100X150-C	1544.62	48.5	U5DYA	48.5 U7DYA	0.0	U7DYB
4F	B24G100X150-C	1594.10	51.2	U5EYA	48.5 U7DYA	0.0	U7DYB
4F	B24G100X150-C	1643.59	64.6	U5EYA	48.5 U7DYA	0.0	U7DYB
4F	B24G100X150-C	1693.08	79.0	U5EYA	48.5 U5DYA	0.0	U7DYB
4F	B24G100X150-C	1742.56	94.3	U5EYA	48.5 U5DYA	0.0	U7DYB
4F	B24G100X150-C	1792.05	110.7	U5EYA	48.5 U5DYA	0.0	U7DYB
4F	B24G100X150-C	1841.54	128.2	U5EYA	48.5 U5DYA	0.0	U7DYB
4F	B24G100X150-C	1891.03	146.9	U5EYA	48.5 U5DYA	0.0	U7DYB
4F	B24G100X150-C	1940.51	166.8	U5EYA	48.5 U5DYA	0.0	U7DYB
4F	B24G100X150-C	1990.00	188.1	U5EYA	89.0 U5EYA	0.0	U7DYB

4F	B55 G30X50	25.00	14.1	U5DXA	6.8 U5DXA	0.0	U7DYB
4F	B55 G30X50	73.82	9.6	U5DXA	4.4 U5DXA	0.0	U7DYB
4F	B55 G30X50	122.65	5.7	U5DXA	4.4 U5DXA	0.0	U7DYB
4F	B55 G30X50	171.47	4.4	U5DXA	4.4 U5DXA	0.0	U7DYB
4F	B55 G30X50	220.29	4.4	U5DXA	4.4 U5DXA	0.0	U7DYB
4F	B55 G30X50	269.12	4.4	U5DXA	4.6 U5DXA	0.0	U7DYB
4F	B55 G30X50	317.94	4.4	U5DXA	5.9 U5DXA	0.0	U7DYB
4F	B55 G30X50	366.76	4.4	U5DXA	6.7 U5DXA	0.0	U7DYB
4F	B55 G30X50	415.59	4.4	U5DXA	7.0 U5DXB	0.0	U7DYB
4F	B55 G30X50	464.41	4.4	U5DXA	7.0 U5DXB	0.0	U7DYB
4F	B55 G30X50	513.24	4.4	U5DXA	6.8 U5DXA	0.0	U7DYB
4F	B55 G30X50	562.06	4.4	U5DXA	6.1 U5DXA	0.0	U7DYB
4F	B55 G30X50	610.88	4.4	U5DXA	4.8 U5DXA	0.0	U7DYB
4F	B55 G30X50	659.71	4.4	U5DXA	4.4 U5DXA	0.0	U7DYB
4F	B55 G30X50	708.53	4.4	U5DXA	4.4 U5DXA	0.0	U7DYB
4F	B55 G30X50	757.35	5.2	U5DXA	4.4 U5DXA	0.0	U7DYB
4F	B55 G30X50	806.18	9.1	U5DXA	4.4 U5DXA	0.0	U7DYB
4F	B55 G30X50	855.00	13.4	U5DXA	6.4 U5DXA	0.0	U7DYB

4F	B56 G30X50	25.00	4.2	U5DYA	2.1 U5DYA	0.0	U7DYB
4F	B56 G30X50	75.00	1.7	U5DYA	1.4 U7DYA	0.0	U7DYB
4F	B56 G30X50	125.00	1.0	U5DYA	2.0 U5DYA	0.0	U7DYB
4F	B56 G30X50	175.00	1.0	U5DYA	2.7 U5EYA	0.0	U7DYB
4F	B56 G30X50	225.00	1.0	U5DYA	3.2 U5EYA	0.0	U7DYB
4F	B56 G30X50	275.00	1.0	U5DYA	3.4 U5DYA	0.0	U7DYB
4F	B56 G30X50	325.00	2.2	U7DYA	3.2 U5DYA	0.0	U7DYB

4F	B58 G30X50	25.00	3.9	U5DYA	1.9 U5DYA	0.0	U7DYB
4F	B58 G30X50	75.00	1.5	U5DYA	1.4 U7DYA	0.0	U7DYB
4F	B58 G30X50	125.00	1.0	U5DYA	1.9 U5DYA	0.0	U7DYB
4F	B58 G30X50	175.00	1.0	U5DYA	2.5 U5EYA	0.0	U7DYB
4F	B58 G30X50	225.00	1.0	U5DYA	2.9 U5EYA	0.0	U7DYB
4F	B58 G30X50	275.00	1.1	U7DYA	3.0 U5DYA	0.0	U7DYB
4F	B58 G30X50	325.00	2.6	U5DYA	2.8 U7DYA	0.0	U7DYB

4F	B60 G30X50	25.00	13.6	U5DXA	6.5 U5DXA	0.0	U7DYB
4F	B60 G30X50	73.82	9.2	U5DXA	4.3 U5DXA	0.0	U7DYB
4F	B60 G30X50	122.65	5.4	U5DXA	4.3 U5DXA	0.0	U7DYB
4F	B60 G30X50	171.47	4.3	U5DXA	4.3 U5DXA	0.0	U7DYB
4F	B60 G30X50	220.29	4.3	U5DXA	4.3 U5DXA	0.0	U7DYB
4F	B60 G30X50	269.12	4.3	U5DXA	4.6 U5DXA	0.0	U7DYB
4F	B60 G30X50	317.94	4.3	U5DXA	5.9 U5DXA	0.0	U7DYB

4F	B60	G30X50	366.76	4.3 U5DXA	6.7 U5DXA	0.0 U7DYB
4F	B60	G30X50	415.59	4.3 U5DXA	7.0 U5DXB	0.0 U7DYB
4F	B60	G30X50	464.41	4.3 U5DXA	7.0 U5DXB	0.0 U7DYB
4F	B60	G30X50	513.24	4.3 U5DXA	6.7 U5DXA	0.0 U7DYB
4F	B60	G30X50	562.06	4.3 U5DXA	5.9 U5DXA	0.0 U7DYB
4F	B60	G30X50	610.88	4.3 U5DXA	4.6 U5DXA	0.0 U7DYB
4F	B60	G30X50	659.71	4.3 U5DXA	4.3 U5DXA	0.0 U7DYB
4F	B60	G30X50	708.53	4.3 U5DXA	4.3 U5DXA	0.0 U7DYB
4F	B60	G30X50	757.35	5.4 U5DXA	4.3 U5DXA	0.0 U7DYB
4F	B60	G30X50	806.18	9.2 U5DXA	4.3 U5DXA	0.0 U7DYB
4F	B60	G30X50	855.00	13.6 U5DXA	6.5 U5DXA	0.0 U7DYB
4F	B61	G90X120	45.00	85.0 U5EYA	44.4 U7EYA	0.0 U7DYB
4F	B61	G90X120	93.42	69.6 U5EYA	42.9 U7EYA	0.0 U7DYB
4F	B61	G90X120	141.84	55.6 U5EYA	40.7 U7EYA	0.0 U7DYB
4F	B61	G90X120	190.26	42.6 U5EYA	37.9 U7EYA	0.0 U7DYB
4F	B61	G90X120	238.68	34.1 U7DYA	35.5 U5EYA	0.0 U7DYB
4F	B61	G90X120	287.11	32.8 U5EYA	34.1 U7DYA	0.0 U7DYB
4F	B61	G90X120	335.53	32.8 U5EYA	34.1 U5DYA	0.0 U7DYB
4F	B61	G90X120	383.95	32.8 U5EYA	32.8 U5EYA	0.0 U7DYB
4F	B61	G90X120	432.37	32.8 U5EYA	32.8 U5EYA	0.0 U7DYB
4F	B61	G90X120	480.79	32.8 U5EYA	32.8 U5EYA	0.0 U7DYB
4F	B61	G90X120	529.21	32.8 U5EYA	32.8 U5EYA	0.0 U7DYB
4F	B61	G90X120	577.63	32.8 U5EYA	34.1 U5EYA	0.0 U7DYB
4F	B61	G90X120	626.05	32.8 U5EYA	34.1 U7DYA	0.0 U7DYB
4F	B61	G90X120	674.47	32.8 U5EYA	34.6 U5EYA	0.0 U7DYB
4F	B61	G90X120	722.89	34.1 U7DYA	37.8 U5EYA	0.0 U7DYB
4F	B61	G90X120	771.32	45.3 U5EYA	41.3 U7EYA	0.0 U7DYB
4F	B61	G90X120	819.74	58.3 U5EYA	44.2 U7EYA	0.0 U7DYB
4F	B61	G90X120	868.16	72.4 U5EYA	46.6 U7EYA	0.0 U7DYB
4F	B61	G90X120	916.58	87.9 U5EYA	48.3 U7EYA	0.0 U7DYB
4F	B61	G90X120	965.00	104.7 U5EYA	50.2 U5EYA	0.0 U7DYB
4F	B85	G90X120	60.00	99.0 U5EYA	49.4 U7EYA	0.0 U7DYB
4F	B85	G90X120	109.74	82.6 U5EYA	48.6 U7EYA	0.0 U7DYB
4F	B85	G90X120	159.47	67.5 U5EYA	47.1 U7EYA	0.0 U7DYB
4F	B85	G90X120	209.21	53.7 U5EYA	44.9 U7EYA	0.0 U7DYB
4F	B85	G90X120	258.95	41.9 U7EYA	42.8 U5EYA	0.0 U7DYB
4F	B85	G90X120	308.68	34.1 U7DYA	40.3 U5EYA	0.0 U7DYB
4F	B85	G90X120	358.42	31.1 U5EYA	36.9 U5EYA	0.0 U7DYB
4F	B85	G90X120	408.16	31.1 U5EYA	34.1 U7DYA	0.0 U7DYB
4F	B85	G90X120	457.89	31.1 U5EYA	34.1 U5EYA	0.0 U7DYB
4F	B85	G90X120	507.63	31.1 U5EYA	31.1 U5EYA	0.0 U7DYB
4F	B85	G90X120	557.37	31.1 U5EYA	31.1 U5EYA	0.0 U7DYB
4F	B85	G90X120	607.11	31.1 U5EYA	31.1 U5EYA	0.0 U7DYB
4F	B85	G90X120	656.84	31.1 U5EYA	31.1 U5EYA	0.0 U7DYB
4F	B85	G90X120	706.58	31.1 U5EYA	34.1 U5EYA	0.0 U7DYB
4F	B85	G90X120	756.32	31.1 U5EYA	34.1 U7DYA	0.0 U7DYB
4F	B85	G90X120	806.05	34.1 U7DYA	34.1 U7DYA	0.0 U7DYB
4F	B85	G90X120	855.79	45.2 U5EYA	36.2 U7EYA	0.0 U7DYB
4F	B85	G90X120	905.53	58.9 U5EYA	38.4 U7EYA	0.0 U7DYB
4F	B85	G90X120	955.26	73.9 U5EYA	40.0 U7EYA	0.0 U7DYB
4F	B85	G90X120	1005.00	90.3 U5EYA	43.5 U5EYA	0.0 U7DYB
4F	B88G100X150-C		60.00	171.4 U5EYA	81.6 U5EYA	0.0 U7DYB
4F	B88G100X150-C		109.49	151.4 U5EYA	48.5 U5DYA	0.0 U7DYB
4F	B88G100X150-C		158.97	132.6 U5EYA	48.5 U5DYA	0.0 U7DYB
4F	B88G100X150-C		208.46	115.1 U5EYA	48.5 U5DYA	0.0 U7DYB
4F	B88G100X150-C		257.95	98.6 U5EYA	48.5 U5DYA	0.0 U7DYB
4F	B88G100X150-C		307.44	83.2 U5EYA	48.5 U5DYA	0.0 U7DYB
4F	B88G100X150-C		356.92	68.8 U5EYA	48.5 U7DYA	0.0 U7DYB
4F	B88G100X150-C		406.41	55.7 U7EYA	48.5 U7DYA	0.0 U7DYB
4F	B88G100X150-C		455.90	48.5 U7DYA	48.6 U5EYA	0.0 U7DYB
4F	B88G100X150-C		505.38	48.5 U5DYA	52.0 U5EYA	0.0 U7DYB
4F	B88G100X150-C		554.87	48.5 U5DYA	54.7 U5EYA	0.0 U7DYB

4F	B88G100X150-C	604.36	48.5	U5DYA	56.7	U5EYA	0.0 U7DYB
4F	B88G100X150-C	653.85	48.5	U5DYA	57.9	U5EYA	0.0 U7DYB
4F	B88G100X150-C	703.33	48.5	U5DYA	58.4	U5EYA	0.0 U7DYB
4F	B88G100X150-C	752.82	48.5	U5DYA	58.2	U5EYA	0.0 U7DYB
4F	B88G100X150-C	802.31	48.5	U5DYA	57.3	U5EYA	0.0 U7DYB
4F	B88G100X150-C	851.79	48.5	U5DYA	55.6	U5EYA	0.0 U7DYB
4F	B88G100X150-C	901.28	48.5	U5DYA	53.2	U5EYA	0.0 U7DYB
4F	B88G100X150-C	950.77	48.5	U5DYA	50.2	U5EYA	0.0 U7DYB
4F	B88G100X150-C	1000.26	48.5	U5DYA	48.5	U5DYB	0.0 U7DYB
4F	B88G100X150-C	1049.74	48.5	U5DYA	49.0	U5EYA	0.0 U7DYB
4F	B88G100X150-C	1099.23	48.5	U5DYA	52.2	U5EYA	0.0 U7DYB
4F	B88G100X150-C	1148.72	48.5	U5DYA	54.7	U5EYA	0.0 U7DYB
4F	B88G100X150-C	1198.21	48.5	U5DYA	56.4	U5EYA	0.0 U7DYB
4F	B88G100X150-C	1247.69	48.5	U5DYA	57.5	U5EYA	0.0 U7DYB
4F	B88G100X150-C	1297.18	48.5	U5DYA	57.8	U5EYA	0.0 U7DYB
4F	B88G100X150-C	1346.67	48.5	U5DYA	57.4	U5EYA	0.0 U7DYB
4F	B88G100X150-C	1396.15	48.5	U5DYA	56.3	U5EYA	0.0 U7DYB
4F	B88G100X150-C	1445.64	48.5	U5DYA	54.5	U5EYA	0.0 U7DYB
4F	B88G100X150-C	1495.13	48.5	U5DYA	51.9	U5EYA	0.0 U7DYB
4F	B88G100X150-C	1544.62	48.5	U7DYA	49.1	U7EYA	0.0 U7DYB
4F	B88G100X150-C	1594.10	52.7	U5EYA	48.5	U7DYA	0.0 U7DYB
4F	B88G100X150-C	1643.59	66.0	U5EYA	48.5	U7DYA	0.0 U7DYB
4F	B88G100X150-C	1693.08	80.2	U5EYA	48.5	U7DYA	0.0 U7DYB
4F	B88G100X150-C	1742.56	95.4	U5EYA	48.5	U5DYA	0.0 U7DYB
4F	B88G100X150-C	1792.05	111.7	U5EYA	48.5	U5DYA	0.0 U7DYB
4F	B88G100X150-C	1841.54	129.0	U5EYA	48.5	U5DYA	0.0 U7DYB
4F	B88G100X150-C	1891.03	147.6	U5EYA	48.5	U5DYA	0.0 U7DYB
4F	B88G100X150-C	1940.51	167.3	U5EYA	48.5	U5DYA	0.0 U7DYB
4F	B88G100X150-C	1990.00	188.5	U5EYA	89.2	U5EYA	0.0 U7DYB

4F	B121 G90X120	45.00	79.7	U5EYA	47.6	U7EYA	0.0 U7DYB
4F	B121 G90X120	94.72	64.3	U5EYA	45.2	U7EYA	0.0 U7DYB
4F	B121 G90X120	144.44	50.2	U5EYA	42.2	U7EYA	0.0 U7DYB
4F	B121 G90X120	194.17	38.4	U7EYA	39.5	U5EYA	0.0 U7DYB
4F	B121 G90X120	243.89	34.1	U7EYA	36.0	U5EYA	0.0 U7DYB
4F	B121 G90X120	293.61	34.1	U5EYA	34.1	U7DYA	0.0 U7DYB
4F	B121 G90X120	343.33	34.1	U5EYA	34.1	U5EYA	0.0 U7DYB
4F	B121 G90X120	393.06	34.1	U5EYA	34.1	U5EYA	0.0 U7DYB
4F	B121 G90X120	442.78	34.1	U5EYA	34.1	U5EYA	0.0 U7DYB
4F	B121 G90X120	492.50	34.1	U5EYA	34.1	U5EYA	0.0 U7DYB
4F	B121 G90X120	542.22	34.1	U5EYA	34.1	U5EYA	0.0 U7DYB
4F	B121 G90X120	591.94	34.1	U5EYA	34.1	U5DYA	0.0 U7DYB
4F	B121 G90X120	641.67	34.1	U5EYA	34.1	U7DYA	0.0 U7DYB
4F	B121 G90X120	691.39	34.2	U5EYA	37.9	U7EYA	0.0 U7DYB
4F	B121 G90X120	741.11	46.8	U5EYA	42.0	U7EYA	0.0 U7DYB
4F	B121 G90X120	790.83	60.6	U5EYA	45.4	U7EYA	0.0 U7DYB
4F	B121 G90X120	840.56	75.8	U5EYA	48.2	U7EYA	0.0 U7DYB
4F	B121 G90X120	890.28	92.3	U5EYA	50.3	U7EYA	0.0 U7DYB
4F	B121 G90X120	940.00	110.2	U5EYA	52.7	U5EYA	0.0 U7DYB

4F	B126 G90X120	60.00	33.3	U5EXA	31.9	U7EXA	49.3 U7DYA
4F	B126 G90X120	108.50	24.4	U7EXA	28.9	U5EXA	49.3 U7DYA
4F	B126 G90X120	157.00	16.6	U7EXA	25.0	U5EXA	49.3 U7DYA
4F	B126 G90X120	205.50	11.3	U5EXA	19.9	U5EXA	49.3 U7DYA
4F	B126 G90X120	254.00	11.3	U5EXA	13.9	U5EXA	49.3 U7DYA
4F	B126 G90X120	302.50	11.3	U5EXA	11.3	U5EXA	49.3 U7DYA
4F	B126 G90X120	351.00	11.3	U5EXA	11.3	U5EXA	49.3 U7DYA
4F	B126 G90X120	399.50	11.3	U5EXA	11.3	U5EXA	49.3 U7DYA
4F	B126 G90X120	448.00	21.3	U5EXA	12.1	U7EXA	49.3 U7DYA
4F	B126 G90X120	496.50	33.1	U5EXA	14.0	U7EXA	49.3 U7DYA
4F	B126 G90X120	545.00	34.6	U5EXA	22.8	U5EXA	49.3 U7DYA

4F	B127 G90X120	55.00	34.5	U5EXA	25.3	U7EXA	0.0 U7DYB
4F	B127 G90X120	104.00	33.3	U5EXA	22.6	U7EXA	0.0 U7DYB
4F	B127 G90X120	153.00	22.0	U5EXA	19.1	U7EXA	0.0 U7DYB

4F	B127	G90X120	202.00	11.9	U5EXA	14.7	U7EXA	0.0 U7DYB
4F	B127	G90X120	251.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
4F	B127	G90X120	300.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
4F	B127	G90X120	349.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
4F	B127	G90X120	398.00	11.3	U5EXA	16.8	U5EXA	0.0 U7DYB
4F	B127	G90X120	447.00	19.7	U7EXA	21.2	U5EXA	0.0 U7DYB
4F	B127	G90X120	496.00	29.3	U7EXA	24.5	U5EXA	0.0 U7DYB
4F	B127	G90X120	545.00	34.1	U7DXA	26.6	U5EXA	0.0 U7DYB
4F	B128	G90X120	55.00	34.1	U7DXA	31.3	U5EXA	0.0 U7DYB
4F	B128	G90X120	99.33	28.6	U7EXA	28.6	U5EXA	0.0 U7DYB
4F	B128	G90X120	143.67	20.2	U7EXA	25.0	U5EXA	0.0 U7DYB
4F	B128	G90X120	188.00	12.6	U7EXA	20.4	U5EXA	0.0 U7DYB
4F	B128	G90X120	232.33	12.3	U5EXA	15.0	U5EXA	0.0 U7DYB
4F	B128	G90X120	276.67	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
4F	B128	G90X120	321.00	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
4F	B128	G90X120	321.00	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
4F	B128	G90X120	365.80	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
4F	B128	G90X120	410.60	16.0	U5EXA	15.0	U7EXA	0.0 U7DYB
4F	B128	G90X120	455.40	26.2	U5EXA	18.5	U7EXA	0.0 U7DYB
4F	B128	G90X120	500.20	34.1	U5DXA	21.3	U7EXA	0.0 U7DYB
4F	B128	G90X120	545.00	37.5	U5EXA	24.7	U5EXA	0.0 U7DYB
4F	B129	G90X120	55.00	34.1	U7DXA	24.7	U7EXA	0.0 U7DYB
4F	B129	G90X120	104.00	28.2	U5EXA	22.2	U7EXA	0.0 U7DYB
4F	B129	G90X120	153.00	18.8	U7EXA	19.3	U5EXA	0.0 U7DYB
4F	B129	G90X120	202.00	10.7	U5EXA	15.4	U5EXA	0.0 U7DYB
4F	B129	G90X120	251.00	10.7	U5EXA	10.7	U5EXA	0.0 U7DYB
4F	B129	G90X120	300.00	10.7	U5EXA	10.7	U5EXA	0.0 U7DYB
4F	B129	G90X120	349.00	10.7	U5EXA	10.7	U5EXA	0.0 U7DYB
4F	B129	G90X120	398.00	11.2	U5EXA	14.1	U7EXA	0.0 U7DYB
4F	B129	G90X120	447.00	20.8	U5EXA	18.1	U7EXA	0.0 U7DYB
4F	B129	G90X120	496.00	31.6	U5EXA	21.4	U7EXA	0.0 U7DYB
4F	B129	G90X120	545.00	34.1	U7DXA	23.8	U7EXA	0.0 U7DYB
4F	B130	G90X120	55.00	34.1	U7DXA	24.7	U7EXA	0.0 U7DYB
4F	B130	G90X120	104.00	28.2	U5EXA	22.2	U7EXA	0.0 U7DYB
4F	B130	G90X120	153.00	18.7	U7EXA	19.3	U5EXA	0.0 U7DYB
4F	B130	G90X120	202.00	10.5	U5EXA	15.5	U5EXA	0.0 U7DYB
4F	B130	G90X120	251.00	10.5	U5EXA	10.6	U5EXA	0.0 U7DYB
4F	B130	G90X120	300.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
4F	B130	G90X120	349.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
4F	B130	G90X120	398.00	10.8	U7EXA	14.2	U5EXA	0.0 U7DYB
4F	B130	G90X120	447.00	20.1	U5EXA	18.2	U7EXA	0.0 U7DYB
4F	B130	G90X120	496.00	30.8	U5EXA	21.4	U7EXA	0.0 U7DYB
4F	B130	G90X120	545.00	34.1	U7DXA	23.8	U7EXA	0.0 U7DYB
4F	B131	G90X120	55.00	34.1	U7DXA	24.7	U7EXA	0.0 U7DYB
4F	B131	G90X120	104.00	28.1	U5EXA	22.1	U7EXA	0.0 U7DYB
4F	B131	G90X120	153.00	18.7	U7EXA	19.3	U5EXA	0.0 U7DYB
4F	B131	G90X120	202.00	10.5	U5EXA	15.5	U5EXA	0.0 U7DYB
4F	B131	G90X120	251.00	10.5	U5EXA	10.6	U5EXA	0.0 U7DYB
4F	B131	G90X120	300.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
4F	B131	G90X120	349.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
4F	B131	G90X120	398.00	10.8	U7EXA	14.2	U5EXA	0.0 U7DYB
4F	B131	G90X120	447.00	20.1	U5EXA	18.1	U7EXA	0.0 U7DYB
4F	B131	G90X120	496.00	30.8	U5EXA	21.4	U7EXA	0.0 U7DYB
4F	B131	G90X120	545.00	34.1	U7DXA	23.7	U7EXA	0.0 U7DYB
4F	B132	G90X120	55.00	34.1	U7DXA	24.7	U7EXA	0.0 U7DYB
4F	B132	G90X120	104.00	28.0	U5EXA	22.1	U7EXA	0.0 U7DYB
4F	B132	G90X120	153.00	18.7	U7EXA	19.3	U5EXA	0.0 U7DYB
4F	B132	G90X120	202.00	10.5	U5EXA	15.5	U5EXA	0.0 U7DYB
4F	B132	G90X120	251.00	10.5	U5EXA	10.6	U5EXA	0.0 U7DYB
4F	B132	G90X120	300.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB

4F	B132	G90X120	349.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
4F	B132	G90X120	398.00	10.8	U7EXA	14.2	U5EXA	0.0 U7DYB
4F	B132	G90X120	447.00	20.1	U5EXA	18.1	U7EXA	0.0 U7DYB
4F	B132	G90X120	496.00	30.7	U5EXA	21.3	U7EXA	0.0 U7DYB
4F	B132	G90X120	545.00	34.1	U7DXA	23.7	U7EXA	0.0 U7DYB
4F	B133	G90X120	55.00	34.1	U7DXA	24.6	U7EXA	0.0 U7DYB
4F	B133	G90X120	104.00	28.0	U5EXA	22.1	U7EXA	0.0 U7DYB
4F	B133	G90X120	153.00	18.7	U7EXA	19.3	U5EXA	0.0 U7DYB
4F	B133	G90X120	202.00	10.5	U5EXA	15.5	U5EXA	0.0 U7DYB
4F	B133	G90X120	251.00	10.5	U5EXA	10.6	U5EXA	0.0 U7DYB
4F	B133	G90X120	300.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
4F	B133	G90X120	349.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
4F	B133	G90X120	398.00	10.7	U7EXA	14.2	U5EXA	0.0 U7DYB
4F	B133	G90X120	447.00	20.0	U5EXA	18.1	U7EXA	0.0 U7DYB
4F	B133	G90X120	496.00	30.7	U5EXA	21.3	U7EXA	0.0 U7DYB
4F	B133	G90X120	545.00	34.1	U7DXA	23.6	U7EXA	0.0 U7DYB
4F	B134	G90X120	55.00	34.1	U7DXA	24.6	U7EXA	0.0 U7DYB
4F	B134	G90X120	104.00	27.9	U5EXA	22.0	U7EXA	0.0 U7DYB
4F	B134	G90X120	153.00	18.6	U7EXA	19.3	U5EXA	0.0 U7DYB
4F	B134	G90X120	202.00	10.5	U5EXA	15.5	U5EXA	0.0 U7DYB
4F	B134	G90X120	251.00	10.5	U5EXA	10.6	U5EXA	0.0 U7DYB
4F	B134	G90X120	300.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
4F	B134	G90X120	349.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
4F	B134	G90X120	398.00	10.7	U7EXA	14.1	U5EXA	0.0 U7DYB
4F	B134	G90X120	447.00	20.0	U5EXA	18.0	U7EXA	0.0 U7DYB
4F	B134	G90X120	496.00	30.6	U5EXA	21.2	U7EXA	0.0 U7DYB
4F	B134	G90X120	545.00	34.1	U7DXA	23.5	U7EXA	0.0 U7DYB
4F	B135	G90X120	55.00	34.1	U7DXA	24.7	U7EXA	0.0 U7DYB
4F	B135	G90X120	104.00	28.0	U5EXA	22.2	U7EXA	0.0 U7DYB
4F	B135	G90X120	153.00	18.6	U7EXA	19.4	U5EXA	0.0 U7DYB
4F	B135	G90X120	202.00	10.5	U5EXA	15.6	U5EXA	0.0 U7DYB
4F	B135	G90X120	251.00	10.5	U5EXA	10.7	U5EXA	0.0 U7DYB
4F	B135	G90X120	300.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
4F	B135	G90X120	349.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
4F	B135	G90X120	398.00	10.7	U7EXA	14.2	U5EXA	0.0 U7DYB
4F	B135	G90X120	447.00	20.0	U5EXA	18.1	U7EXA	0.0 U7DYB
4F	B135	G90X120	496.00	30.6	U5EXA	21.3	U7EXA	0.0 U7DYB
4F	B135	G90X120	545.00	34.1	U7DXA	23.6	U7EXA	0.0 U7DYB
4F	B136	G90X120	55.00	34.1	U7DXA	26.2	U7EXA	0.0 U7DYB
4F	B136	G90X120	104.00	27.8	U7EXA	23.5	U5EXA	0.0 U7DYB
4F	B136	G90X120	153.00	18.6	U7EXA	20.4	U5EXA	0.0 U7DYB
4F	B136	G90X120	202.00	11.0	U5EXA	16.3	U5EXA	0.0 U7DYB
4F	B136	G90X120	251.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
4F	B136	G90X120	300.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
4F	B136	G90X120	349.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
4F	B136	G90X120	398.00	11.4	U5EXA	14.0	U7EXA	0.0 U7DYB
4F	B136	G90X120	447.00	21.2	U5EXA	18.0	U7EXA	0.0 U7DYB
4F	B136	G90X120	496.00	32.3	U5EXA	21.2	U7EXA	0.0 U7DYB
4F	B136	G90X120	545.00	34.1	U7DXA	23.6	U7EXA	0.0 U7DYB
4F	B137	G90X120	55.00	34.1	U5DXA	23.2	U7EXA	0.0 U7DYB
4F	B137	G90X120	105.00	24.9	U5EXA	19.0	U7EXA	0.0 U7DYB
4F	B137	G90X120	155.00	14.9	U7EXA	14.1	U5EXA	0.0 U7DYB
4F	B137	G90X120	205.00	9.4	U5EXA	9.4	U5EXA	0.0 U7DYB
4F	B137	G90X120	255.00	9.4	U5EXA	9.4	U5EXA	0.0 U7DYB
4F	B137	G90X120	305.00	9.4	U5EXA	9.4	U5EXA	0.0 U7DYB
4F	B137	G90X120	355.00	15.7	U5EXA	14.8	U7EXA	0.0 U7DYB
4F	B137	G90X120	405.00	26.2	U5EXA	20.2	U7EXA	0.0 U7DYB
4F	B137	G90X120	455.00	34.1	U5DXA	24.6	U7EXA	0.0 U7DYB
4F	B138	G90X120	55.00	37.7	U5EXA	24.8	U5EXA	0.0 U7DYB

4F	B138	G90X120	103.33	34.1	U5DXA	13.4	U7EXA	0.0 U7DYB
4F	B138	G90X120	151.67	26.3	U5EXA	13.3	U7EXA	0.0 U7DYB
4F	B138	G90X120	200.00	16.2	U5EXA	12.4	U7EXA	0.0 U7DYB
4F	B138	G90X120	248.33	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
4F	B138	G90X120	296.67	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
4F	B138	G90X120	345.00	12.3	U5EXA	12.3	U5EXA	0.0 U7DYB
4F	B138	G90X120	393.33	12.3	U5EXA	12.8	U5EXA	0.0 U7DYB
4F	B138	G90X120	441.67	12.3	U5EXA	17.3	U5EXA	0.0 U7DYB
4F	B138	G90X120	490.00	12.3	U5EXA	20.8	U5EXA	0.0 U7DYB
4F	B138	G90X120	538.33	17.0	U7EXA	23.2	U5EXA	0.0 U7DYB
4F	B138	G90X120	586.67	24.9	U5EXA	24.7	U7EXA	0.0 U7DYB
4F	B138	G90X120	635.00	34.1	U5EXA	26.1	U7EXA	0.0 U7DYB
4F	B139	G90X120	55.00	35.7	U5EXA	23.5	U5EXA	0.0 U7DYB
4F	B139	G90X120	104.38	34.1	U5DXA	13.0	U5EXA	0.0 U7DYB
4F	B139	G90X120	153.75	25.0	U5EXA	13.0	U5EXA	0.0 U7DYB
4F	B139	G90X120	203.13	15.7	U7EXA	14.1	U5EXA	0.0 U7DYB
4F	B139	G90X120	252.50	13.0	U5EXA	15.8	U5EXA	0.0 U7DYB
4F	B139	G90X120	301.88	13.0	U5EXA	16.4	U5EXA	0.0 U7DYB
4F	B139	G90X120	351.25	13.0	U5EXA	15.9	U5EXA	0.0 U7DYB
4F	B139	G90X120	400.63	13.0	U5EXA	14.2	U5EXA	0.0 U7DYB
4F	B139	G90X120	450.00	13.0	U5EXA	13.6	U5EXA	0.0 U7DYB
4F	B139	G90X120	499.38	13.0	U5EXA	16.0	U5EXA	0.0 U7DYB
4F	B139	G90X120	548.75	13.0	U5EXA	17.3	U5EXA	0.0 U7DYB
4F	B139	G90X120	598.13	13.0	U5EXA	17.5	U5EXA	0.0 U7DYB
4F	B139	G90X120	647.50	13.0	U5EXA	16.5	U5EXA	0.0 U7DYB
4F	B139	G90X120	696.88	19.9	U5EXA	15.5	U7EXA	0.0 U7DYB
4F	B139	G90X120	746.25	29.7	U5EXA	13.9	U7EXA	0.0 U7DYB
4F	B139	G90X120	795.63	34.1	U7DXA	13.0	U5EXA	0.0 U7DYB
4F	B139	G90X120	845.00	40.0	U5EXA	26.3	U5EXA	0.0 U7DYB
3F	B1	G90X120	60.00	34.1	U7DXA	34.1	U7DXA	49.3 U7DYB
3F	B1	G90X120	108.50	32.7	U5EXA	31.8	U7EXA	49.3 U7DYB
3F	B1	G90X120	157.00	22.3	U5EXA	26.5	U7EXA	49.3 U7DYB
3F	B1	G90X120	205.50	13.3	U7EXA	20.5	U5EXA	49.3 U7DYB
3F	B1	G90X120	254.00	11.2	U5EXA	14.2	U5EXA	49.3 U7DYB
3F	B1	G90X120	302.50	11.2	U5EXA	11.2	U5EXA	49.3 U7DYB
3F	B1	G90X120	351.00	11.2	U5EXA	11.2	U5EXA	49.3 U7DYB
3F	B1	G90X120	399.50	11.2	U7EXA	12.7	U5EXA	49.3 U7DYB
3F	B1	G90X120	448.00	21.2	U7EXA	16.7	U5EXA	49.3 U7DYB
3F	B1	G90X120	496.50	32.7	U5EXA	20.3	U7EXA	49.3 U7DYB
3F	B1	G90X120	545.00	34.2	U5EXA	23.2	U7EXA	49.3 U7DYB
3F	B2	G90X120	55.00	38.7	U5EXA	26.4	U7EXA	0.0 U7DYB
3F	B2	G90X120	104.00	34.1	U5DXA	23.3	U7EXA	0.0 U7DYB
3F	B2	G90X120	153.00	25.7	U5EXA	19.4	U7EXA	0.0 U7DYB
3F	B2	G90X120	202.00	14.6	U5EXA	14.7	U7EXA	0.0 U7DYB
3F	B2	G90X120	251.00	12.6	U5EXA	12.6	U5EXA	0.0 U7DYB
3F	B2	G90X120	300.00	12.6	U5EXA	12.6	U5EXA	0.0 U7DYB
3F	B2	G90X120	349.00	12.6	U5EXA	12.6	U5EXA	0.0 U7DYB
3F	B2	G90X120	398.00	12.6	U5EXA	18.7	U5EXA	0.0 U7DYB
3F	B2	G90X120	447.00	20.3	U7EXA	24.5	U5EXA	0.0 U7DYB
3F	B2	G90X120	496.00	29.8	U7EXA	29.2	U5EXA	0.0 U7DYB
3F	B2	G90X120	545.00	34.1	U7DXA	32.9	U5EXA	0.0 U7DYB
3F	B3	G90X120	55.00	34.1	U7DXA	27.6	U5EXA	0.0 U7DYB
3F	B3	G90X120	104.00	31.4	U7EXA	25.1	U5EXA	0.0 U7DYB
3F	B3	G90X120	153.00	21.4	U7EXA	21.5	U5EXA	0.0 U7DYB
3F	B3	G90X120	202.00	12.3	U7EXA	16.9	U5EXA	0.0 U7DYB
3F	B3	G90X120	251.00	11.1	U5EXA	11.3	U5EXA	0.0 U7DYB
3F	B3	G90X120	300.00	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
3F	B3	G90X120	349.00	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
3F	B3	G90X120	398.00	11.9	U5EXA	15.7	U7EXA	0.0 U7DYB
3F	B3	G90X120	447.00	21.8	U5EXA	20.8	U7EXA	0.0 U7DYB
3F	B3	G90X120	496.00	32.9	U5EXA	25.1	U7EXA	0.0 U7DYB

3F	B3	G90X120	545.00	34.1	U7DXA	28.7	U7EXA	0.0 U7DYB
3F	B4	G90X120	55.00	34.5	U5EXA	26.2	U7EXA	0.0 U7DYB
3F	B4	G90X120	104.00	33.6	U5EXA	23.2	U7EXA	0.0 U7DYB
3F	B4	G90X120	153.00	22.4	U5EXA	19.4	U7EXA	0.0 U7DYB
3F	B4	G90X120	202.00	12.4	U5EXA	14.8	U7EXA	0.0 U7DYB
3F	B4	G90X120	251.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
3F	B4	G90X120	300.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
3F	B4	G90X120	349.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
3F	B4	G90X120	398.00	11.3	U7EXA	16.5	U5EXA	0.0 U7DYB
3F	B4	G90X120	447.00	19.9	U7EXA	21.2	U5EXA	0.0 U7DYB
3F	B4	G90X120	496.00	29.9	U5EXA	25.3	U7EXA	0.0 U7DYB
3F	B4	G90X120	545.00	34.1	U7DXA	28.8	U7EXA	0.0 U7DYB
3F	B5	G90X120	55.00	34.7	U5EXA	26.1	U7EXA	0.0 U7DYB
3F	B5	G90X120	104.00	33.7	U5EXA	23.1	U7EXA	0.0 U7DYB
3F	B5	G90X120	153.00	22.5	U5EXA	19.3	U7EXA	0.0 U7DYB
3F	B5	G90X120	202.00	12.4	U5EXA	14.7	U7EXA	0.0 U7DYB
3F	B5	G90X120	251.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
3F	B5	G90X120	300.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
3F	B5	G90X120	349.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
3F	B5	G90X120	398.00	11.3	U5EXA	16.9	U5EXA	0.0 U7DYB
3F	B5	G90X120	447.00	19.9	U7EXA	21.6	U5EXA	0.0 U7DYB
3F	B5	G90X120	496.00	29.3	U7EXA	25.3	U5EXA	0.0 U7DYB
3F	B5	G90X120	545.00	34.1	U7DXA	28.8	U7EXA	0.0 U7DYB
3F	B6	G90X120	55.00	34.5	U5EXA	26.1	U7EXA	0.0 U7DYB
3F	B6	G90X120	104.00	33.6	U5EXA	23.1	U7EXA	0.0 U7DYB
3F	B6	G90X120	153.00	22.3	U5EXA	19.3	U7EXA	0.0 U7DYB
3F	B6	G90X120	202.00	12.3	U7EXA	14.7	U5EXA	0.0 U7DYB
3F	B6	G90X120	251.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
3F	B6	G90X120	300.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
3F	B6	G90X120	349.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
3F	B6	G90X120	398.00	11.3	U5EXA	16.9	U5EXA	0.0 U7DYB
3F	B6	G90X120	447.00	19.8	U7EXA	21.6	U5EXA	0.0 U7DYB
3F	B6	G90X120	496.00	29.3	U7EXA	25.2	U5EXA	0.0 U7DYB
3F	B6	G90X120	545.00	34.1	U7DXA	28.7	U7EXA	0.0 U7DYB
3F	B7	G90X120	55.00	34.4	U5EXA	26.1	U7EXA	0.0 U7DYB
3F	B7	G90X120	104.00	33.4	U5EXA	23.1	U7EXA	0.0 U7DYB
3F	B7	G90X120	153.00	22.2	U5EXA	19.3	U7EXA	0.0 U7DYB
3F	B7	G90X120	202.00	12.3	U7EXA	14.7	U5EXA	0.0 U7DYB
3F	B7	G90X120	251.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
3F	B7	G90X120	300.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
3F	B7	G90X120	349.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
3F	B7	G90X120	398.00	11.3	U5EXA	16.8	U5EXA	0.0 U7DYB
3F	B7	G90X120	447.00	19.8	U7EXA	21.5	U5EXA	0.0 U7DYB
3F	B7	G90X120	496.00	29.3	U7EXA	25.1	U5EXA	0.0 U7DYB
3F	B7	G90X120	545.00	34.1	U7DXA	28.5	U7EXA	0.0 U7DYB
3F	B8	G90X120	55.00	34.3	U5EXA	26.0	U7EXA	0.0 U7DYB
3F	B8	G90X120	104.00	33.3	U5EXA	23.0	U7EXA	0.0 U7DYB
3F	B8	G90X120	153.00	22.2	U5EXA	19.3	U7EXA	0.0 U7DYB
3F	B8	G90X120	202.00	12.2	U7EXA	14.7	U5EXA	0.0 U7DYB
3F	B8	G90X120	251.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
3F	B8	G90X120	300.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
3F	B8	G90X120	349.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
3F	B8	G90X120	398.00	11.2	U7EXA	16.7	U5EXA	0.0 U7DYB
3F	B8	G90X120	447.00	19.8	U7EXA	21.4	U5EXA	0.0 U7DYB
3F	B8	G90X120	496.00	29.2	U7EXA	25.0	U5EXA	0.0 U7DYB
3F	B8	G90X120	545.00	34.1	U7DXA	28.4	U7EXA	0.0 U7DYB
3F	B9	G90X120	55.00	34.2	U5EXA	25.9	U7EXA	0.0 U7DYB
3F	B9	G90X120	104.00	33.2	U5EXA	23.0	U7EXA	0.0 U7DYB
3F	B9	G90X120	153.00	22.1	U5EXA	19.2	U7EXA	0.0 U7DYB

3F	B9	G90X120	202.00	12.2	U7EXA	14.7	U5EXA	0.0 U7DYB
3F	B9	G90X120	251.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
3F	B9	G90X120	300.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
3F	B9	G90X120	349.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
3F	B9	G90X120	398.00	11.2	U7EXA	16.7	U5EXA	0.0 U7DYB
3F	B9	G90X120	447.00	19.7	U7EXA	21.3	U5EXA	0.0 U7DYB
3F	B9	G90X120	496.00	29.1	U7EXA	24.8	U5EXA	0.0 U7DYB
3F	B9	G90X120	545.00	34.1	U7DXA	28.3	U7EXA	0.0 U7DYB
3F	B10	G90X120	55.00	34.1	U7DXA	26.0	U7EXA	0.0 U7DYB
3F	B10	G90X120	104.00	33.0	U5EXA	23.0	U7EXA	0.0 U7DYB
3F	B10	G90X120	153.00	21.9	U5EXA	19.3	U7EXA	0.0 U7DYB
3F	B10	G90X120	202.00	12.1	U7EXA	14.8	U5EXA	0.0 U7DYB
3F	B10	G90X120	251.00	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
3F	B10	G90X120	300.00	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
3F	B10	G90X120	349.00	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
3F	B10	G90X120	398.00	11.1	U5EXA	16.5	U5EXA	0.0 U7DYB
3F	B10	G90X120	447.00	19.6	U7EXA	21.1	U5EXA	0.0 U7DYB
3F	B10	G90X120	496.00	29.0	U5EXA	24.6	U7EXA	0.0 U7DYB
3F	B10	G90X120	545.00	34.1	U7DXA	28.0	U7EXA	0.0 U7DYB
3F	B11	G90X120	55.00	34.1	U7DXA	26.9	U7EXA	0.0 U7DYB
3F	B11	G90X120	104.00	32.7	U5EXA	23.8	U7EXA	0.0 U7DYB
3F	B11	G90X120	153.00	21.7	U5EXA	19.8	U7EXA	0.0 U7DYB
3F	B11	G90X120	202.00	12.0	U7EXA	15.3	U5EXA	0.0 U7DYB
3F	B11	G90X120	251.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B11	G90X120	300.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B11	G90X120	349.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B11	G90X120	398.00	11.5	U7EXA	16.5	U5EXA	0.0 U7DYB
3F	B11	G90X120	447.00	20.2	U7EXA	21.0	U5EXA	0.0 U7DYB
3F	B11	G90X120	496.00	30.0	U5EXA	24.6	U7EXA	0.0 U7DYB
3F	B11	G90X120	545.00	34.1	U7DXA	28.0	U7EXA	0.0 U7DYB
3F	B12	G90X120	55.00	34.1	U7DXA	25.4	U7EXA	0.0 U7DYB
3F	B12	G90X120	105.00	29.6	U5EXA	20.6	U7EXA	0.0 U7DYB
3F	B12	G90X120	155.00	17.9	U5EXA	15.0	U7EXA	0.0 U7DYB
3F	B12	G90X120	205.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
3F	B12	G90X120	255.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
3F	B12	G90X120	305.00	10.5	U5EXA	10.5	U5EXA	0.0 U7DYB
3F	B12	G90X120	355.00	15.6	U7EXA	17.1	U5EXA	0.0 U7DYB
3F	B12	G90X120	405.00	25.5	U7EXA	23.2	U5EXA	0.0 U7DYB
3F	B12	G90X120	455.00	34.1	U7DXA	28.7	U7EXA	0.0 U7DYB
3F	B13	G90X120	55.00	39.8	U5EXA	26.1	U5EXA	0.0 U7DYB
3F	B13	G90X120	103.33	34.1	U7DXA	14.0	U7EXA	0.0 U7DYB
3F	B13	G90X120	151.67	28.5	U5EXA	13.5	U7EXA	0.0 U7DYB
3F	B13	G90X120	200.00	18.0	U5EXA	13.0	U5EXA	0.0 U7DYB
3F	B13	G90X120	248.33	13.0	U5EXA	13.0	U5EXA	0.0 U7DYB
3F	B13	G90X120	296.67	13.0	U5EXA	13.0	U5EXA	0.0 U7DYB
3F	B13	G90X120	345.00	13.0	U5EXA	13.0	U5EXA	0.0 U7DYB
3F	B13	G90X120	393.33	13.0	U5EXA	13.0	U5EXA	0.0 U7DYB
3F	B13	G90X120	441.67	13.0	U5EXA	18.0	U5EXA	0.0 U7DYB
3F	B13	G90X120	490.00	13.0	U5EXA	22.2	U5EXA	0.0 U7DYB
3F	B13	G90X120	538.33	18.3	U7EXA	25.4	U5EXA	0.0 U7DYB
3F	B13	G90X120	586.67	25.9	U7EXA	27.5	U5EXA	0.0 U7DYB
3F	B13	G90X120	635.00	34.1	U7EXA	28.6	U7EXA	0.0 U7DYB
3F	B14	G90X120	55.00	38.1	U5EXA	25.1	U5EXA	49.3 U7DYA
3F	B14	G90X120	104.38	34.1	U5DXA	12.4	U5EXA	49.3 U7DYA
3F	B14	G90X120	153.75	27.8	U5EXA	12.4	U5EXA	49.3 U7DYA
3F	B14	G90X120	203.13	18.2	U5EXA	13.8	U7EXA	49.3 U7DYA
3F	B14	G90X120	252.50	12.4	U5EXA	14.9	U5EXA	49.3 U7DYA
3F	B14	G90X120	301.88	12.4	U5EXA	15.9	U5EXA	49.3 U7DYA
3F	B14	G90X120	351.25	12.4	U5EXA	15.7	U5EXA	49.3 U7DYA
3F	B14	G90X120	400.63	12.4	U5EXA	14.5	U5EXA	49.3 U7DYA

3F	B14	G90X120	450.00	12.4	U5EXA	13.3	U5EXA	49.3 U7DYA
3F	B14	G90X120	499.38	12.4	U5EXA	16.4	U5EXA	49.3 U7DYA
3F	B14	G90X120	548.75	12.4	U5EXA	18.5	U5EXA	49.3 U7DYA
3F	B14	G90X120	598.13	12.4	U5EXA	19.4	U5EXA	49.3 U7DYA
3F	B14	G90X120	647.50	12.4	U5EXA	19.3	U5EXA	49.3 U7DYA
3F	B14	G90X120	696.88	15.9	U7EXA	18.1	U5EXA	49.3 U7DYA
3F	B14	G90X120	746.25	24.1	U5EXA	16.5	U7EXA	49.3 U7DYA
3F	B14	G90X120	795.63	34.1	U5EXA	14.8	U7EXA	49.3 U7DYA
3F	B14	G90X120	845.00	34.1	U7DXA	22.4	U5EXA	49.3 U7DYA
3F	B15	G60X80	55.00	13.8	U5EXA	9.7	U7EXA	0.0 U7DYB
3F	B15	G60X80	102.50	9.1	U5EXA	9.9	U7EXA	0.0 U7DYB
3F	B15	G60X80	150.00	6.3	U5EXA	9.8	U5EXA	0.0 U7DYB
3F	B15	G60X80	197.50	6.3	U5EXA	9.7	U5EXA	0.0 U7DYB
3F	B15	G60X80	245.00	6.3	U5EXA	8.9	U5EXA	0.0 U7DYB
3F	B15	G60X80	292.50	6.3	U5EXA	7.3	U5EXA	0.0 U7DYB
3F	B15	G60X80	340.00	6.3	U5EXA	6.3	U5EXA	0.0 U7DYB
3F	B15	G60X80	387.50	6.3	U5EXA	6.3	U5EXA	0.0 U7DYB
3F	B15	G60X80	435.00	6.3	U5EXA	6.3	U5EXA	0.0 U7DYB
3F	B15	G60X80	482.50	7.0	U5EXA	6.3	U5EXA	0.0 U7DYB
3F	B15	G60X80	530.00	12.6	U5EXA	6.3	U5EXA	0.0 U7DYB
3F	B15	G60X80	577.50	15.5	U7DXA	6.3	U5EXA	0.0 U7DYB
3F	B15	G60X80	625.00	19.4	U5EXA	12.7	U5EXA	0.0 U7DYB
3F	B16	G60X80	45.00	18.8	U5EXA	12.3	U5EXA	0.0 U7DYB
3F	B16	G60X80	94.38	15.5	U5DXA	6.1	U5EXA	0.0 U7DYB
3F	B16	G60X80	143.75	11.3	U5EXA	6.1	U5EXA	0.0 U7DYB
3F	B16	G60X80	193.13	6.1	U5EXA	6.1	U5EXA	0.0 U7DYB
3F	B16	G60X80	242.50	6.1	U5EXA	6.1	U5EXA	0.0 U7DYB
3F	B16	G60X80	291.88	6.1	U5EXA	7.3	U5EXA	0.0 U7DYB
3F	B16	G60X80	341.25	6.1	U5EXA	8.9	U5EXA	0.0 U7DYB
3F	B16	G60X80	390.63	6.1	U5EXA	9.6	U5EXA	0.0 U7DYB
3F	B16	G60X80	440.00	6.1	U5EXA	10.1	U5EXA	0.0 U7DYB
3F	B16	G60X80	489.38	6.1	U5EXA	10.7	U5EXA	0.0 U7DYB
3F	B16	G60X80	538.75	6.1	U5EXA	10.3	U5EXA	0.0 U7DYB
3F	B16	G60X80	588.13	6.1	U5EXA	9.2	U5EXA	0.0 U7DYB
3F	B16	G60X80	637.50	6.1	U5EXA	7.1	U5EXA	0.0 U7DYB
3F	B16	G60X80	686.88	6.1	U5EXA	6.1	U5EXA	0.0 U7DYB
3F	B16	G60X80	736.25	9.4	U5EXA	6.1	U5EXA	0.0 U7DYB
3F	B16	G60X80	785.63	15.5	U5EXA	6.1	U5EXA	0.0 U7DYB
3F	B16	G60X80	835.00	16.7	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B17	G90X120	60.00	94.4	U5EYA	45.5	U5EYA	0.0 U7DYB
3F	B17	G90X120	106.38	78.7	U5EYA	37.1	U7EYA	0.0 U7DYB
3F	B17	G90X120	152.75	64.2	U5EYA	37.2	U7EYA	0.0 U7DYB
3F	B17	G90X120	199.13	50.9	U5EYA	36.8	U7EYA	0.0 U7DYB
3F	B17	G90X120	245.50	38.7	U5EYA	35.6	U7EYA	0.0 U7DYB
3F	B17	G90X120	291.88	34.1	U7EYA	35.0	U5EYA	0.0 U7DYB
3F	B17	G90X120	338.25	29.8	U5EYA	34.1	U7DYA	0.0 U7DYB
3F	B17	G90X120	384.63	29.8	U5EYA	34.1	U5DYA	0.0 U7DYB
3F	B17	G90X120	431.00	29.8	U5EYA	34.1	U5DYA	0.0 U7DYB
3F	B17	G90X120	477.38	29.8	U5EYA	33.9	U5EYA	0.0 U7DYB
3F	B17	G90X120	523.75	29.8	U5EYA	29.8	U5EYA	0.0 U7DYB
3F	B17	G90X120	523.75	29.8	U5EYA	29.8	U5EYA	0.0 U7DYB
3F	B17	G90X120	569.38	29.8	U5EYA	29.8	U5EYA	0.0 U7DYB
3F	B17	G90X120	615.00	29.8	U5EYA	29.8	U5EYA	0.0 U7DYB
3F	B17	G90X120	660.63	29.8	U5EYA	32.2	U5EYA	0.0 U7DYB
3F	B17	G90X120	706.25	29.8	U5EYA	34.1	U5EYA	0.0 U7DYB
3F	B17	G90X120	751.88	29.8	U5EYA	34.1	U7EYA	0.0 U7DYB
3F	B17	G90X120	797.50	34.1	U7EYA	34.1	U7EYA	0.0 U7DYB
3F	B17	G90X120	843.13	40.2	U5EYA	34.1	U7EYA	0.0 U7DYB
3F	B17	G90X120	888.75	52.7	U5EYA	34.1	U7EYA	0.0 U7DYB
3F	B17	G90X120	934.38	66.4	U5EYA	34.1	U7EYA	0.0 U7DYB
3F	B17	G90X120	980.00	81.1	U5EYA	39.3	U5EYA	0.0 U7DYB

3F	B18	G70X90	45.00	50.1	U5EYA	24.2 U5EYA	28.9	U5DYB
3F	B18	G70X90	92.88	39.7	U5EYA	19.0 U5EYA	28.9	U5DYB
3F	B18	G70X90	140.75	30.0	U5EYA	19.0 U5EYA	28.9	U5DYB
3F	B18	G70X90	188.63	21.0	U5EYA	19.0 U5EYA	28.9	U5DYB
3F	B18	G70X90	236.50	19.0	U5EYA	19.0 U5EYA	28.9	U5DYB
3F	B18	G70X90	284.38	19.0	U5EYA	19.1 U5EYA	28.9	U5DYB
3F	B18	G70X90	332.25	19.0	U5EYA	19.1 U5DYA	28.9	U5DYB
3F	B18	G70X90	380.13	19.0	U5EYA	21.4 U5EYA	28.9	U5DYB
3F	B18	G70X90	428.00	19.0	U5EYA	23.5 U5EYA	28.9	U5DYB
3F	B18	G70X90	475.88	19.0	U5EYA	25.2 U5EYA	28.9	U5DYB
3F	B18	G70X90	523.75	19.0	U5EYA	27.0 U5EXB	28.9	U5DYB
3F	B18	G70X90	523.75	19.0	U5EYA	27.4 U5EXB	28.9	U7DXA
3F	B18	G70X90	569.38	19.0	U5EYA	23.3 U5EYA	28.9	U7DXA
3F	B18	G70X90	615.00	19.0	U5EYA	20.2 U5EYA	28.9	U7DXA
3F	B18	G70X90	660.63	19.0	U5EYA	19.1 U5DYA	28.9	U7DXA
3F	B18	G70X90	706.25	19.0	U5EYA	19.0 U5EYA	28.9	U7DXA
3F	B18	G70X90	751.88	19.0	U5EYA	19.0 U5EYA	28.9	U7DXA
3F	B18	G70X90	797.50	19.1	U7DYA	19.0 U5EYA	28.9	U7DXA
3F	B18	G70X90	843.13	28.3	U5EYA	19.0 U5EYA	28.9	U7DXA
3F	B18	G70X90	888.75	38.4	U5EYA	19.0 U5EYA	28.9	U7DXA
3F	B18	G70X90	934.38	49.2	U5EYA	19.0 U5EYA	28.9	U7DXA
3F	B18	G70X90	980.00	60.7	U5EYA	29.0 U5EYA	28.9	U7DXA
3F	B19	G70X90	45.00	42.2	U5EYA	20.5 U5EYA	28.9	U7DYB
3F	B19	G70X90	92.88	33.4	U5EYA	16.2 U5EYA	28.9	U7DYB
3F	B19	G70X90	140.75	25.3	U5EYA	16.2 U5EYA	28.9	U7DYB
3F	B19	G70X90	188.63	19.1	U5DYA	16.2 U5EYA	28.9	U7DYB
3F	B19	G70X90	236.50	16.2	U5EYA	17.7 U5EYA	28.9	U7DYB
3F	B19	G70X90	284.38	16.2	U5EYA	19.1 U5EYA	28.9	U7DYB
3F	B19	G70X90	332.25	16.2	U5EYA	19.1 U5DYA	28.9	U7DYB
3F	B19	G70X90	380.13	16.2	U5EYA	19.1 U5DYA	28.9	U7DYB
3F	B19	G70X90	428.00	16.2	U5EYA	19.1 U5DYB	28.9	U7DYB
3F	B19	G70X90	475.88	16.2	U5EYA	19.1 U5DYB	28.9	U7DYB
3F	B19	G70X90	523.75	16.2	U5EYA	19.1 U5DYB	28.9	U7DYB
3F	B19	G70X90	523.75	16.2	U5EYA	19.1 U5DYB	28.9	U7DYB
3F	B19	G70X90	569.38	16.2	U5EYA	19.1 U5DYB	28.9	U7DYB
3F	B19	G70X90	615.00	16.2	U5EYA	19.1 U5EYA	28.9	U7DYB
3F	B19	G70X90	660.63	16.2	U5EYA	17.8 U5EYA	28.9	U7DYB
3F	B19	G70X90	706.25	16.2	U5EYA	16.2 U5EYA	28.9	U7DYB
3F	B19	G70X90	751.88	16.2	U5EYA	16.2 U5EYA	28.9	U7DYB
3F	B19	G70X90	797.50	19.1	U5DYA	16.2 U5EYA	28.9	U7DYB
3F	B19	G70X90	843.13	24.3	U5EYA	16.2 U5EYA	28.9	U7DYB
3F	B19	G70X90	888.75	32.6	U5EYA	16.2 U5EYA	28.9	U7DYB
3F	B19	G70X90	934.38	41.6	U5EYA	16.2 U5EYA	28.9	U7DYB
3F	B19	G70X90	980.00	51.3	U5EYA	24.7 U5EYA	28.9	U7DYB
3F	B20	B60X80	0.00	9.6	U5EXA	4.8 U5EXA	0.0	U7DYB
3F	B20	B60X80	47.86	6.2	U5EXA	4.8 U5EXA	0.0	U7DYB
3F	B20	B60X80	95.71	4.8	U5EXA	4.8 U5EXA	0.0	U7DYB
3F	B20	B60X80	143.57	4.8	U5EXA	4.8 U5EXA	0.0	U7DYB
3F	B20	B60X80	191.43	4.8	U5EXA	6.1 U5EXA	0.0	U7DYB
3F	B20	B60X80	239.29	4.8	U5EXA	6.8 U5EXA	0.0	U7DYB
3F	B20	B60X80	287.14	4.8	U5EXA	6.8 U5EXA	0.0	U7DYB
3F	B20	B60X80	335.00	4.8	U5EXA	6.0 U5EXA	0.0	U7DYB
3F	B20	B60X80	382.86	4.8	U5EXA	4.8 U5EXA	0.0	U7DYB
3F	B20	B60X80	430.71	4.8	U5EXA	4.8 U5EXA	0.0	U7DYB
3F	B20	B60X80	478.57	4.8	U5EXA	4.8 U5EXA	0.0	U7DYB
3F	B20	B60X80	526.43	5.1	U5EXA	4.8 U5EXA	0.0	U7DYB
3F	B20	B60X80	574.29	9.4	U5EXA	4.8 U5EXA	0.0	U7DYB
3F	B20	B60X80	622.14	14.3	U5EXA	4.8 U5EXA	0.0	U7DYB
3F	B20	B60X80	670.00	15.5	U5DYB	9.6 U5EXA	0.0	U7DYB
3F	B21	B60X80	0.00	17.5	U5EXA	11.5 U5EXA	0.0	U7DYB
3F	B21	B60X80	49.58	15.5	U5DYB	5.7 U5EXA	0.0	U7DYB
3F	B21	B60X80	99.17	8.8	U5EXA	5.7 U5EXA	0.0	U7DYB

3F	B21	B60X80	148.75	5.7	U5EXA	5.7	U5EXA	0.0 U7DYB
3F	B21	B60X80	198.33	5.7	U5EXA	5.7	U5EXA	0.0 U7DYB
3F	B21	B60X80	247.92	5.7	U5EXA	9.2	U5EYB	0.0 U7DYB
3F	B21	B60X80	297.50	5.7	U5EXA	13.9	U5DYB	0.0 U7DYB
3F	B21	B60X80	297.50	5.7	U5EXA	13.9	U5DYB	0.0 U7DYB
3F	B21	B60X80	346.04	5.7	U5EXA	15.5	U5DYB	0.0 U7DYB
3F	B21	B60X80	394.58	5.7	U5EXA	15.5	U5DYB	0.0 U7DYB
3F	B21	B60X80	443.12	5.7	U5EXA	15.5	U5DYB	0.0 U7DYB
3F	B21	B60X80	491.67	5.7	U5EXA	15.5	U5DYB	0.0 U7DYB
3F	B21	B60X80	540.21	5.7	U5EXA	15.5	U5DYB	0.0 U7DYB
3F	B21	B60X80	588.75	5.7	U5EXA	15.1	U5EXA	0.0 U7DYB
3F	B21	B60X80	637.29	5.7	U5EXA	12.6	U5EXA	0.0 U7DYB
3F	B21	B60X80	685.83	5.7	U5EXA	9.3	U5EXA	0.0 U7DYB
3F	B21	B60X80	734.38	5.7	U5EXA	5.7	U5EXA	0.0 U7DYB
3F	B21	B60X80	782.92	5.7	U5EXA	5.7	U5EXA	0.0 U7DYB
3F	B21	B60X80	831.46	7.1	U5EXA	5.7	U5EXA	0.0 U7DYB
3F	B21	B60X80	880.00	12.6	U5EXA	6.2	U5EXA	0.0 U7DYB

3F	B24G100X150-C	60.00	163.3	U5EYA	77.9	U5EYA	0.0	U7DYB
3F	B24G100X150-C	109.49	144.7	U5EYA	48.5	U5DYA	0.0	U7DYB
3F	B24G100X150-C	158.97	127.2	U5EYA	48.5	U5DYA	0.0	U7DYB
3F	B24G100X150-C	208.46	110.8	U5EYA	48.5	U5DYA	0.0	U7DYB
3F	B24G100X150-C	257.95	95.4	U5EYA	48.5	U5DYA	0.0	U7DYB
3F	B24G100X150-C	307.44	81.0	U5EYA	48.5	U7DYA	0.0	U7DYB
3F	B24G100X150-C	356.92	67.5	U5EYA	48.5	U7DYA	0.0	U7DYB
3F	B24G100X150-C	406.41	55.7	U7EYA	49.5	U5EYA	0.0	U7DYB
3F	B24G100X150-C	455.90	48.5	U7DYA	52.9	U5EYA	0.0	U7DYB
3F	B24G100X150-C	505.38	48.5	U5DYA	55.8	U5EYA	0.0	U7DYB
3F	B24G100X150-C	554.87	48.5	U5DYA	57.9	U5EYA	0.0	U7DYB
3F	B24G100X150-C	604.36	48.5	U5DYA	59.4	U5EYA	0.0	U7DYB
3F	B24G100X150-C	653.85	48.5	U5DYA	60.2	U5EYA	0.0	U7DYB
3F	B24G100X150-C	703.33	48.5	U5DYA	60.3	U5EYA	0.0	U7DYB
3F	B24G100X150-C	752.82	48.5	U5DYA	59.7	U5EYA	0.0	U7DYB
3F	B24G100X150-C	802.31	48.5	U5DYA	58.4	U5EYA	0.0	U7DYB
3F	B24G100X150-C	851.79	48.5	U5DYA	56.5	U5EYA	0.0	U7DYB
3F	B24G100X150-C	901.28	48.5	U5DYA	53.9	U5EYA	0.0	U7DYB
3F	B24G100X150-C	950.77	48.5	U5DYA	50.6	U5EYA	0.0	U7DYB
3F	B24G100X150-C	1000.26	48.5	U5DYA	48.5	U5DYB	0.0	U7DYB
3F	B24G100X150-C	1049.74	48.5	U5DYA	48.5	U5DYB	0.0	U7DYB
3F	B24G100X150-C	1099.23	48.5	U5DYA	48.5	U5DYB	0.0	U7DYB
3F	B24G100X150-C	1148.72	48.5	U5DYA	48.7	U5EYA	0.0	U7DYB
3F	B24G100X150-C	1198.21	48.5	U5DYA	50.4	U5EYA	0.0	U7DYB
3F	B24G100X150-C	1247.69	48.5	U5DYA	51.4	U5EYA	0.0	U7DYB
3F	B24G100X150-C	1297.18	48.5	U5DYA	51.7	U5EYA	0.0	U7DYB
3F	B24G100X150-C	1346.67	48.5	U5DYA	51.4	U5EYA	0.0	U7DYB
3F	B24G100X150-C	1396.15	48.5	U5DYA	50.4	U5EYA	0.0	U7DYB
3F	B24G100X150-C	1445.64	48.5	U5DYA	48.7	U5EYA	0.0	U7DYB
3F	B24G100X150-C	1495.13	48.5	U5DYA	48.5	U7DYA	0.0	U7DYB
3F	B24G100X150-C	1544.62	48.5	U5DYA	48.5	U7DYA	0.0	U7DYB
3F	B24G100X150-C	1594.10	50.6	U5EYA	48.5	U7DYA	0.0	U7DYB
3F	B24G100X150-C	1643.59	63.4	U5EYA	48.5	U7DYA	0.0	U7DYB
3F	B24G100X150-C	1693.08	77.0	U5EYA	48.5	U5DYA	0.0	U7DYB
3F	B24G100X150-C	1742.56	91.7	U5EYA	48.5	U5DYA	0.0	U7DYB
3F	B24G100X150-C	1792.05	107.2	U5EYA	48.5	U5DYA	0.0	U7DYB
3F	B24G100X150-C	1841.54	123.8	U5EYA	48.5	U5DYA	0.0	U7DYB
3F	B24G100X150-C	1891.03	141.5	U5EYA	48.5	U5DYA	0.0	U7DYB
3F	B24G100X150-C	1940.51	160.3	U5EYA	48.5	U5DYA	0.0	U7DYB
3F	B24G100X150-C	1990.00	180.4	U5EYA	85.6	U5EYA	0.0	U7DYB

3F	B53	G60X80	45.00	9.2	U5EXA	13.3	U7EXA	0.0 U7DYB
3F	B53	G60X80	93.33	6.7	U5EXA	12.6	U7EXA	0.0 U7DYB
3F	B53	G60X80	141.67	6.7	U5EXA	12.4	U5EXA	0.0 U7DYB
3F	B53	G60X80	190.00	6.7	U5EXA	11.8	U5EXA	0.0 U7DYB
3F	B53	G60X80	238.33	6.7	U5EXA	10.5	U5EXA	0.0 U7DYB
3F	B53	G60X80	286.67	6.7	U5EXA	8.5	U5EXA	0.0 U7DYB

3F	B53	G60X80	335.00	6.7	U5EXA	6.7	U5EXA	0.0 U7DYB
3F	B53	G60X80	383.33	6.7	U5EXA	6.7	U5EXA	0.0 U7DYB
3F	B53	G60X80	431.67	6.7	U5EXA	6.7	U5EXA	0.0 U7DYB
3F	B53	G60X80	480.00	7.7	U5EXA	6.7	U5EXA	0.0 U7DYB
3F	B53	G60X80	528.33	13.7	U5EXA	6.7	U5EXA	0.0 U7DYB
3F	B53	G60X80	576.67	15.5	U7DXA	6.7	U5EXA	0.0 U7DYB
3F	B53	G60X80	625.00	20.6	U5EXA	13.5	U5EXA	0.0 U7DYB
3F	B54	G60X80	45.00	20.6	U5EXA	13.5	U5EXA	0.0 U7DYB
3F	B54	G60X80	87.08	15.5	U5DYB	6.7	U5EXA	0.0 U7DYB
3F	B54	G60X80	129.17	14.4	U5EXA	6.7	U5EXA	0.0 U7DYB
3F	B54	G60X80	171.25	8.6	U5EXA	6.7	U5EXA	0.0 U7DYB
3F	B54	G60X80	213.33	6.7	U5EXA	6.7	U5EXA	0.0 U7DYB
3F	B54	G60X80	255.42	6.7	U5EXA	6.7	U5EXA	0.0 U7DYB
3F	B54	G60X80	297.50	6.7	U5EXA	9.5	U5EXA	0.0 U7DYB
3F	B54	G60X80	297.50	6.7	U5EXA	9.5	U5EXA	0.0 U7DYB
3F	B54	G60X80	343.50	6.7	U5EXA	10.1	U5EXA	0.0 U7DYB
3F	B54	G60X80	389.50	6.7	U5EXA	10.2	U5EXA	0.0 U7DYB
3F	B54	G60X80	435.50	6.7	U5EXA	10.2	U5EXB	0.0 U7DYB
3F	B54	G60X80	481.50	6.7	U5EXA	10.5	U5EXA	0.0 U7DYB
3F	B54	G60X80	527.50	6.7	U5EXA	10.2	U5EXA	0.0 U7DYB
3F	B54	G60X80	573.50	6.7	U5EXA	9.1	U5EXA	0.0 U7DYB
3F	B54	G60X80	619.50	6.7	U5EXA	7.3	U5EXA	0.0 U7DYB
3F	B54	G60X80	665.50	6.7	U5EXA	6.7	U5EXA	0.0 U7DYB
3F	B54	G60X80	711.50	7.4	U5EXA	6.7	U5EXA	0.0 U7DYB
3F	B54	G60X80	757.50	12.4	U5EXA	6.7	U5EXA	0.0 U7DYB
3F	B54	G60X80	757.50	12.4	U5EXA	6.7	U5EXA	0.0 U7DYB
3F	B54	G60X80	796.25	15.5	U5DXA	6.7	U5EXA	0.0 U7DYB
3F	B54	G60X80	835.00	17.7	U5EXA	11.6	U5EXA	0.0 U7DYB
3F	B57	B30X50	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
3F	B57	B30X50	50.00	0.0	U5DYB	2.0	U5DYB	0.0 U7DYB
3F	B57	B30X50	100.00	0.0	U5DYB	3.5	U5DYB	0.0 U7DYB
3F	B57	B30X50	150.00	0.0	U5DYB	4.4	U5DYB	0.0 U7DYB
3F	B57	B30X50	200.00	0.0	U5DYB	4.4	U5DYB	0.0 U7DYB
3F	B57	B30X50	250.00	0.0	U5DYB	3.5	U5DYB	0.0 U7DYB
3F	B57	B30X50	300.00	0.0	U5DYB	2.0	U5DYB	0.0 U7DYB
3F	B57	B30X50	350.00	0.0	U5DYB	0.0	U5DYB	0.0 U7DYB
3F	B59	B40X60	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
3F	B59	B40X60	47.34	0.0	U5EYA	6.4	U5DYB	0.0 U7DYB
3F	B59	B40X60	94.69	0.0	U5EYA	9.5	U5DYB	0.0 U7DYB
3F	B59	B40X60	142.03	0.0	U5EYA	13.9	U5DYB	0.0 U7DYB
3F	B59	B40X60	189.38	0.0	U5EYA	17.8	U5DYB	0.0 U7DYB
3F	B59	B40X60	236.72	0.0	U5EYA	21.2	U5DYB	0.0 U7DYB
3F	B59	B40X60	284.06	0.0	U5EYA	23.9	U5DYB	0.0 U7DYB
3F	B59	B40X60	331.41	0.0	U5EYA	25.9	U5DYB	0.0 U7DYB
3F	B59	B40X60	378.75	0.0	U5EYA	27.3	U5DYB	0.0 U7DYB
3F	B59	B40X60	426.09	0.0	U5EYA	27.9	U5DYB	0.0 U7DYB
3F	B59	B40X60	473.44	0.0	U5EYA	27.8	U5DYB	0.0 U7DYB
3F	B59	B40X60	520.78	0.0	U5EYA	26.9	U5DYB	0.0 U7DYB
3F	B59	B40X60	568.13	0.0	U5EYA	25.4	U5DYB	0.0 U7DYB
3F	B59	B40X60	615.47	0.0	U5EYA	23.1	U5DYB	0.0 U7DYB
3F	B59	B40X60	662.81	0.0	U5EYA	20.3	U5DYB	0.0 U7DYB
3F	B59	B40X60	710.16	0.0	U5EYA	17.0	U5DYB	0.0 U7DYB
3F	B59	B40X60	757.50	0.0	U5EYA	13.4	U5DYB	0.0 U7DYB
3F	B59	B40X60	757.50	0.0	U5EYA	13.4	U5DYB	0.0 U7DYB
3F	B59	B40X60	798.33	0.0	U5EYA	9.0	U5DYB	0.0 U7DYB
3F	B59	B40X60	839.17	0.0	U5EYA	6.1	U5DYB	0.0 U7DYB
3F	B59	B40X60	880.00	0.0	U5EYA	0.0	U5EYA	0.0 U7DYB
3F	B61	G90X120	45.00	79.6	U5EYA	38.6	U5EYA	49.3 U5DYB
3F	B61	G90X120	93.00	64.5	U5EYA	34.1	U7EYA	49.3 U5DYB
3F	B61	G90X120	141.00	50.6	U5EYA	34.1	U7EYA	49.3 U5DYB
3F	B61	G90X120	189.00	37.8	U5EYA	34.1	U7EYA	49.3 U5DYB

3F	B61	G90X120	237.00	34.1	U7EYA	34.1	U7EYA	49.3 U5DYB
3F	B61	G90X120	285.00	30.7	U5EYA	34.1	U7EYA	49.3 U5DYB
3F	B61	G90X120	333.00	30.7	U5EYA	34.1	U5EYA	49.3 U5DYB
3F	B61	G90X120	381.00	30.7	U5EYA	33.1	U5EYA	49.3 U5DYB
3F	B61	G90X120	429.00	30.7	U5EYA	30.7	U5EYA	49.3 U5DYB
3F	B61	G90X120	477.00	30.7	U5EYA	30.7	U5EYA	49.3 U5DYB
3F	B61	G90X120	525.00	30.7	U5EYA	30.7	U5EYA	49.3 U5DYB
3F	B61	G90X120	525.00	30.7	U5EYA	30.7	U5EYA	49.3 U5DXA
3F	B61	G90X120	573.89	30.7	U5EYA	34.1	U5EYA	49.3 U5DXA
3F	B61	G90X120	622.78	30.7	U5EYA	34.1	U5EYA	49.3 U5DXA
3F	B61	G90X120	671.67	30.7	U5EYA	34.1	U5DYA	49.3 U5DXA
3F	B61	G90X120	720.56	34.1	U7EYA	34.1	U7DYA	49.3 U5DXA
3F	B61	G90X120	769.44	37.1	U5EYA	34.1	U7DYA	49.3 U5DXA
3F	B61	G90X120	818.33	50.2	U5EYA	34.1	U7DYA	49.3 U5DXA
3F	B61	G90X120	867.22	64.6	U5EYA	34.1	U7DYA	49.3 U5DXA
3F	B61	G90X120	916.11	80.3	U5EYA	34.1	U7EYA	49.3 U5DXA
3F	B61	G90X120	965.00	97.5	U5EYA	46.9	U5EYA	49.3 U5DXA
3F	B62	G70X90	45.00	65.6	U5EYA	31.3	U5EYA	0.0 U7DYB
3F	B62	G70X90	88.57	51.3	U5EYA	19.1	U5DYA	0.0 U7DYB
3F	B62	G70X90	132.14	38.0	U5EYA	19.1	U5DYA	0.0 U7DYB
3F	B62	G70X90	175.71	25.5	U5EYA	19.1	U5DYA	0.0 U7DYB
3F	B62	G70X90	219.29	19.1	U5DYA	19.1	U5DYA	0.0 U7DYB
3F	B62	G70X90	262.86	19.1	U5DYA	19.1	U5DYA	0.0 U7DYB
3F	B62	G70X90	306.43	19.1	U5DYA	21.6	U5EYA	0.0 U7DYB
3F	B62	G70X90	350.00	19.1	U5DYA	28.3	U5EYA	0.0 U7DYB
3F	B62	G70X90	350.00	19.1	U5DYA	30.4	U5EYA	28.9 U7DYB
3F	B62	G70X90	393.75	19.1	U5DYA	30.6	U5EYA	28.9 U7DYB
3F	B62	G70X90	437.50	19.1	U5DYA	30.4	U5EYA	28.9 U7DYB
3F	B62	G70X90	481.25	19.1	U5DYA	30.0	U5EYA	28.9 U7DYB
3F	B62	G70X90	525.00	19.1	U5DYA	30.5	U5DYA	28.9 U7DYB
3F	B62	G70X90	525.00	19.1	U5DYA	30.9	U5DYA	0.0 U7DYB
3F	B62	G70X90	570.50	19.1	U5DYA	26.1	U5EYA	0.0 U7DYB
3F	B62	G70X90	616.00	19.1	U5DYA	22.4	U5EYA	0.0 U7DYB
3F	B62	G70X90	661.50	19.1	U5DYA	19.1	U5DYA	0.0 U7DYB
3F	B62	G70X90	707.00	19.1	U5DYA	19.1	U5DYA	0.0 U7DYB
3F	B62	G70X90	752.50	19.1	U5DYA	19.1	U5DYA	0.0 U7DYB
3F	B62	G70X90	798.00	19.1	U5DYA	19.1	U5DYA	0.0 U7DYB
3F	B62	G70X90	843.50	28.7	U5EYA	19.1	U5DYA	0.0 U7DYB
3F	B62	G70X90	889.00	39.4	U5EYA	19.1	U5DYA	0.0 U7DYB
3F	B62	G70X90	934.50	50.7	U5EYA	19.1	U5DYA	0.0 U7DYB
3F	B62	G70X90	980.00	62.9	U5EYA	30.0	U5EYA	0.0 U7DYB
3F	B63	G70X90	45.00	58.6	U5EYA	28.1	U5EYA	28.9 U5DXA
3F	B63	G70X90	88.57	45.7	U5EYA	18.4	U5EYA	28.9 U5DXA
3F	B63	G70X90	132.14	33.7	U5EYA	18.4	U5EYA	28.9 U5DXA
3F	B63	G70X90	175.71	22.5	U5EYA	18.4	U5EYA	28.9 U5DXA
3F	B63	G70X90	219.29	18.4	U5EYA	18.4	U5EYA	28.9 U5DXA
3F	B63	G70X90	262.86	18.4	U5EYA	19.1	U5EYA	28.9 U5DXA
3F	B63	G70X90	306.43	18.4	U5EYA	21.4	U5EYA	28.9 U5DXA
3F	B63	G70X90	350.00	18.4	U5EYA	27.4	U5EYA	28.9 U5DXA
3F	B63	G70X90	350.00	18.4	U5EYA	30.0	U5EYA	27.7 U7EYA
3F	B63	G70X90	393.75	18.4	U5EYA	29.0	U5EYA	27.7 U7EYA
3F	B63	G70X90	437.50	18.4	U5EYA	27.6	U5EYA	27.7 U7EYA
3F	B63	G70X90	481.25	18.4	U5EYA	25.8	U5DYA	27.7 U7EYA
3F	B63	G70X90	525.00	18.4	U5EYA	24.4	U5DYA	27.7 U7EYA
3F	B63	G70X90	525.00	18.4	U5EYA	24.5	U5DYA	28.9 U7DXA
3F	B63	G70X90	570.50	18.4	U5EYA	20.9	U5DYA	28.9 U7DXA
3F	B63	G70X90	616.00	18.4	U5EYA	19.1	U5DYB	28.9 U7DXA
3F	B63	G70X90	661.50	18.4	U5EYA	19.1	U5DYA	28.9 U7DXA
3F	B63	G70X90	707.00	18.4	U5EYA	18.4	U5EYA	28.9 U7DXA
3F	B63	G70X90	752.50	18.4	U5EYA	18.4	U5EYA	28.9 U7DXA
3F	B63	G70X90	798.00	19.1	U5DYA	18.4	U5EYA	28.9 U7DXA
3F	B63	G70X90	843.50	25.5	U5EYA	18.4	U5EYA	28.9 U7DXA
3F	B63	G70X90	889.00	35.0	U5EYA	18.4	U5EYA	28.9 U7DXA

3F	B63	G70X90	934.50	45.2	U5EYA	18.4	U5EYA	28.9 U7DXA
3F	B63	G70X90	980.00	56.3	U5EYA	27.0	U5EYA	28.9 U7DXA
3F	B64	B60X80	0.00	12.2	U5EXA	6.1	U5EXA	0.0 U7DYB
3F	B64	B60X80	47.86	8.2	U5EXA	3.5	U5DXA	0.0 U7DYB
3F	B64	B60X80	95.71	4.5	U5EXA	3.5	U5DXA	0.0 U7DYB
3F	B64	B60X80	143.57	3.5	U5DXA	4.3	U5EXA	0.0 U7DYB
3F	B64	B60X80	191.43	3.5	U5DXA	6.2	U5EXA	0.0 U7DYB
3F	B64	B60X80	239.29	3.5	U5DXA	7.5	U5EXA	0.0 U7DYB
3F	B64	B60X80	287.14	3.5	U5DXA	8.0	U5EXA	0.0 U7DYB
3F	B64	B60X80	335.00	3.5	U5DXA	7.7	U5EXA	0.0 U7DYB
3F	B64	B60X80	382.86	3.5	U5DXA	6.6	U5DXA	0.0 U7DYB
3F	B64	B60X80	430.71	3.5	U5DXA	4.8	U5DXA	0.0 U7DYB
3F	B64	B60X80	478.57	3.5	U5DXA	3.5	U5DXA	0.0 U7DYB
3F	B64	B60X80	526.43	3.5	U5DXA	3.5	U5DXA	0.0 U7DYB
3F	B64	B60X80	574.29	5.3	U5DXA	3.5	U5DXA	0.0 U7DYB
3F	B64	B60X80	622.14	9.5	U5DXA	3.5	U5DXA	0.0 U7DYB
3F	B64	B60X80	670.00	14.1	U5DXA	7.0	U5DXA	0.0 U7DYB
3F	B65	B60X80	0.00	15.5	U5DYB	9.3	U5DXA	0.0 U7DYB
3F	B65	B60X80	48.89	13.2	U5DXA	4.6	U5DXA	0.0 U7DYB
3F	B65	B60X80	97.78	7.9	U5DXA	4.6	U5DXA	0.0 U7DYB
3F	B65	B60X80	146.67	4.6	U5DXA	4.6	U5DXA	0.0 U7DYB
3F	B65	B60X80	195.56	4.6	U5DXA	4.6	U5DXA	0.0 U7DYB
3F	B65	B60X80	244.44	4.6	U5DXA	5.3	U5DXA	0.0 U7DYB
3F	B65	B60X80	293.33	4.6	U5DXA	8.1	U5EYA	0.0 U7DYB
3F	B65	B60X80	342.22	4.6	U5DXA	10.2	U5EYA	0.0 U7DYB
3F	B65	B60X80	391.11	4.6	U5DXA	11.6	U5EXB	0.0 U7DYB
3F	B65	B60X80	440.00	4.6	U5DXA	12.6	U5DXA	0.0 U7DYB
3F	B65	B60X80	488.89	4.6	U5DXA	12.8	U5DXA	0.0 U7DYB
3F	B65	B60X80	537.78	4.6	U5DXA	12.4	U5DXA	0.0 U7DYB
3F	B65	B60X80	586.67	4.6	U5DXA	11.3	U5DXA	0.0 U7DYB
3F	B65	B60X80	635.56	4.6	U5DXA	9.5	U5DXA	0.0 U7DYB
3F	B65	B60X80	684.44	4.6	U5DXA	7.1	U5DXA	0.0 U7DYB
3F	B65	B60X80	733.33	4.6	U5DXA	4.6	U5DXA	0.0 U7DYB
3F	B65	B60X80	782.22	4.6	U5DXA	4.6	U5DXA	0.0 U7DYB
3F	B65	B60X80	831.11	7.4	U5DXA	4.6	U5DXA	0.0 U7DYB
3F	B65	B60X80	880.00	12.1	U5DXA	6.0	U5DXA	0.0 U7DYB
3F	B80	G60X80	55.00	7.5	U5EXA	15.5	U7EXA	0.0 U7DYB
3F	B80	G60X80	102.50	7.0	U5EXA	15.4	U5EXA	0.0 U7DYB
3F	B80	G60X80	150.00	7.0	U5EXA	14.8	U5EXA	0.0 U7DYB
3F	B80	G60X80	197.50	7.0	U5EXA	13.7	U5EXA	0.0 U7DYB
3F	B80	G60X80	245.00	7.0	U5EXA	12.0	U5EXA	0.0 U7DYB
3F	B80	G60X80	292.50	7.0	U5EXA	9.4	U5EXA	0.0 U7DYB
3F	B80	G60X80	340.00	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
3F	B80	G60X80	387.50	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
3F	B80	G60X80	435.00	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
3F	B80	G60X80	482.50	8.2	U5EXA	7.0	U5EXA	0.0 U7DYB
3F	B80	G60X80	530.00	14.5	U5EXA	7.0	U5EXA	0.0 U7DYB
3F	B80	G60X80	577.50	16.1	U5EXA	7.0	U5EXA	0.0 U7DYB
3F	B80	G60X80	625.00	21.7	U5EXA	14.2	U5EXA	0.0 U7DYB
3F	B81	G60X80	45.00	17.7	U5EXA	11.6	U5EXA	0.0 U7DYB
3F	B81	G60X80	94.38	15.5	U5DXA	5.8	U5EXA	0.0 U7DYB
3F	B81	G60X80	143.75	10.9	U5EXA	5.8	U5EXA	0.0 U7DYB
3F	B81	G60X80	193.13	5.8	U5EXA	5.8	U5EXA	0.0 U7DYB
3F	B81	G60X80	242.50	5.8	U5EXA	5.8	U5EXA	0.0 U7DYB
3F	B81	G60X80	291.88	5.8	U5EXA	6.9	U5EXA	0.0 U7DYB
3F	B81	G60X80	341.25	5.8	U5EXA	8.5	U5EXA	0.0 U7DYB
3F	B81	G60X80	390.63	5.8	U5EXA	9.2	U5EXA	0.0 U7DYB
3F	B81	G60X80	440.00	5.8	U5EXA	9.7	U5EXA	0.0 U7DYB
3F	B81	G60X80	489.38	5.8	U5EXA	10.2	U5EXA	0.0 U7DYB
3F	B81	G60X80	538.75	5.8	U5EXA	9.8	U5EXA	0.0 U7DYB
3F	B81	G60X80	588.13	5.8	U5EXA	8.6	U5EXA	0.0 U7DYB

3F	B81	G60X80	637.50	5.8	U5EXA	6.6	U5EXA	0.0 U7DYB
3F	B81	G60X80	686.88	5.8	U5EXA	5.8	U5EXA	0.0 U7DYB
3F	B81	G60X80	736.25	9.4	U5EXA	5.8	U5EXA	0.0 U7DYB
3F	B81	G60X80	785.63	15.1	U5EXA	5.8	U5EXA	0.0 U7DYB
3F	B81	G60X80	835.00	16.0	U5EXA	10.5	U5EXA	0.0 U7DYB
3F	B83	B60X80	0.00	8.3	U5EXA	4.1	U5EXA	0.0 U7DYB
3F	B83	B60X80	47.86	5.0	U5EXA	4.8	U5EXA	0.0 U7DYB
3F	B83	B60X80	95.71	4.8	U5EXA	4.8	U5EXA	0.0 U7DYB
3F	B83	B60X80	143.57	4.8	U5EXA	6.0	U5EXA	0.0 U7DYB
3F	B83	B60X80	191.43	4.8	U5EXA	7.3	U5EXA	0.0 U7DYB
3F	B83	B60X80	239.29	4.8	U5EXA	8.0	U5EXA	0.0 U7DYB
3F	B83	B60X80	287.14	4.8	U5EXA	7.8	U5EXA	0.0 U7DYB
3F	B83	B60X80	335.00	4.8	U5EXA	6.9	U5EXA	0.0 U7DYB
3F	B83	B60X80	382.86	4.8	U5EXA	5.1	U5EXA	0.0 U7DYB
3F	B83	B60X80	430.71	4.8	U5EXA	4.8	U5EXA	0.0 U7DYB
3F	B83	B60X80	478.57	4.8	U5EXA	4.8	U5EXA	0.0 U7DYB
3F	B83	B60X80	526.43	5.0	U5EYA	4.8	U5EXA	0.0 U7DYB
3F	B83	B60X80	574.29	9.3	U5EYA	4.8	U5EXA	0.0 U7DYB
3F	B83	B60X80	622.14	14.2	U5EXA	4.8	U5EXA	0.0 U7DYB
3F	B83	B60X80	670.00	15.5	U5DYB	9.7	U5EXA	0.0 U7DYB
3F	B84	B60X80	0.00	16.6	U5EXA	10.9	U5EXA	0.0 U7DYB
3F	B84	B60X80	48.89	15.4	U5EXA	5.4	U5EXA	0.0 U7DYB
3F	B84	B60X80	97.78	9.0	U5EXA	5.4	U5EXA	0.0 U7DYB
3F	B84	B60X80	146.67	5.4	U5EXA	5.4	U5EXA	0.0 U7DYB
3F	B84	B60X80	195.56	5.4	U5EXA	5.4	U5EXA	0.0 U7DYB
3F	B84	B60X80	244.44	5.4	U5EXA	6.9	U5EYA	0.0 U7DYB
3F	B84	B60X80	293.33	5.4	U5EXA	10.5	U5EYA	0.0 U7DYB
3F	B84	B60X80	342.22	5.4	U5EXA	13.4	U5EYB	0.0 U7DYB
3F	B84	B60X80	391.11	5.4	U5EXA	15.4	U5EXB	0.0 U7DYB
3F	B84	B60X80	440.00	5.4	U5EXA	15.5	U5DYB	0.0 U7DYB
3F	B84	B60X80	488.89	5.4	U5EXA	15.5	U5DYB	0.0 U7DYB
3F	B84	B60X80	537.78	5.4	U5EXA	15.5	U5DYB	0.0 U7DYB
3F	B84	B60X80	586.67	5.4	U5EXA	14.9	U5EXA	0.0 U7DYB
3F	B84	B60X80	635.56	5.4	U5EXA	12.6	U5EXA	0.0 U7DYB
3F	B84	B60X80	684.44	5.4	U5EXA	9.5	U5EXA	0.0 U7DYB
3F	B84	B60X80	733.33	5.4	U5EXA	5.7	U5EXA	0.0 U7DYB
3F	B84	B60X80	782.22	5.4	U5EXA	5.4	U5EXA	0.0 U7DYB
3F	B84	B60X80	831.11	6.4	U5EXA	5.4	U5EXA	0.0 U7DYB
3F	B84	B60X80	880.00	11.7	U5EXA	5.8	U5EXA	0.0 U7DYB
3F	B85	G90X120	60.00	92.0	U5EYA	44.3	U5EYA	0.0 U7DYB
3F	B85	G90X120	109.31	75.5	U5EYA	34.2	U7EYA	0.0 U7DYB
3F	B85	G90X120	158.61	60.5	U5EYA	34.6	U7EYA	0.0 U7DYB
3F	B85	G90X120	207.92	46.8	U5EYA	34.4	U7EYA	0.0 U7DYB
3F	B85	G90X120	257.22	34.6	U7EYA	34.1	U7DYA	0.0 U7DYB
3F	B85	G90X120	306.53	33.1	U7EYA	34.1	U7DYA	0.0 U7DYB
3F	B85	G90X120	355.83	29.1	U5EYA	34.1	U5DYA	0.0 U7DYB
3F	B85	G90X120	405.14	29.1	U5EYA	34.1	U5DYA	0.0 U7DYB
3F	B85	G90X120	454.44	29.1	U5EYA	34.1	U5EYA	0.0 U7DYB
3F	B85	G90X120	503.75	29.1	U5EYA	31.2	U5EYA	0.0 U7DYB
3F	B85	G90X120	503.75	29.1	U5EYA	31.5	U5EYA	0.0 U7DYB
3F	B85	G90X120	549.32	29.1	U5EYA	29.1	U5EYA	0.0 U7DYB
3F	B85	G90X120	594.89	29.1	U5EYA	29.1	U5EYA	0.0 U7DYB
3F	B85	G90X120	640.45	29.1	U5EYA	30.5	U5EYA	0.0 U7DYB
3F	B85	G90X120	686.02	29.1	U5EYA	33.7	U5EYA	0.0 U7DYB
3F	B85	G90X120	731.59	29.1	U5EYA	34.1	U5EYA	0.0 U7DYB
3F	B85	G90X120	777.16	29.1	U5EYA	34.1	U7EYA	0.0 U7DYB
3F	B85	G90X120	822.73	34.1	U7DYA	34.1	U7EYA	0.0 U7DYB
3F	B85	G90X120	868.30	43.1	U5EYA	34.1	U7EYA	0.0 U7DYB
3F	B85	G90X120	913.86	55.7	U5EYA	34.1	U7EYA	0.0 U7DYB
3F	B85	G90X120	959.43	69.4	U5EYA	34.1	U7EYA	0.0 U7DYB
3F	B85	G90X120	1005.00	84.2	U5EYA	40.7	U5EYA	0.0 U7DYB

3F	B86	G70X90	45.00	55.2	U5EYA	26.5	U5EYA	28.9 U5DXA
3F	B86	G70X90	90.88	44.6	U5EYA	17.4	U5EYA	28.9 U5DXA
3F	B86	G70X90	136.75	34.6	U5EYA	17.4	U5EYA	28.9 U5DXA
3F	B86	G70X90	182.63	25.2	U5EYA	17.4	U5EYA	28.9 U5DXA
3F	B86	G70X90	228.50	19.1	U5DYA	17.4	U5EYA	28.9 U5DXA
3F	B86	G70X90	274.38	17.4	U5EYA	17.4	U5EYA	28.9 U5DXA
3F	B86	G70X90	320.25	17.4	U5EYA	19.1	U5EYA	28.9 U5DXA
3F	B86	G70X90	366.13	17.4	U5EYA	19.1	U5DYA	28.9 U5DXA
3F	B86	G70X90	412.00	17.4	U5EYA	21.4	U5EYA	28.9 U5DXA
3F	B86	G70X90	457.88	17.4	U5EYA	24.5	U5EYA	28.9 U5DXA
3F	B86	G70X90	503.75	17.4	U5EYA	27.4	U5EYA	28.9 U5DXA
3F	B86	G70X90	503.75	17.4	U5EYA	27.1	U5EYA	28.9 U5DXA
3F	B86	G70X90	549.32	17.4	U5EYA	22.9	U5EYB	28.9 U5DXA
3F	B86	G70X90	594.89	17.4	U5EYA	20.9	U5EYA	28.9 U5DXA
3F	B86	G70X90	640.45	17.4	U5EYA	19.1	U5DYB	28.9 U5DXA
3F	B86	G70X90	686.02	17.4	U5EYA	19.1	U5DYA	28.9 U5DXA
3F	B86	G70X90	731.59	17.4	U5EYA	17.4	U5EYA	28.9 U5DXA
3F	B86	G70X90	777.16	17.4	U5EYA	17.4	U5EYA	28.9 U5DXA
3F	B86	G70X90	822.73	19.1	U5DYA	17.4	U5EYA	28.9 U5DXA
3F	B86	G70X90	868.30	25.4	U5EYA	17.4	U5EYA	28.9 U5DXA
3F	B86	G70X90	913.86	34.5	U5EYA	17.4	U5EYA	28.9 U5DXA
3F	B86	G70X90	959.43	44.2	U5EYA	17.4	U5EYA	28.9 U5DXA
3F	B86	G70X90	1005.00	54.5	U5EYA	26.2	U5EYA	28.9 U5DXA
3F	B87	G70X90	45.00	46.6	U5EYA	22.5	U5EYA	28.9 U7DYB
3F	B87	G70X90	90.88	37.5	U5EYA	14.8	U5EYA	28.9 U7DYB
3F	B87	G70X90	136.75	29.2	U5EYA	14.8	U5EYA	28.9 U7DYB
3F	B87	G70X90	182.63	21.5	U5EYA	14.8	U5EYA	28.9 U7DYB
3F	B87	G70X90	228.50	19.1	U5EYA	14.8	U5EYA	28.9 U7DYB
3F	B87	G70X90	274.38	14.8	U5EYA	14.8	U5EYA	28.9 U7DYB
3F	B87	G70X90	320.25	14.8	U5EYA	16.5	U5EYA	28.9 U7DYB
3F	B87	G70X90	366.13	14.8	U5EYA	19.1	U5EYA	28.9 U7DYB
3F	B87	G70X90	412.00	14.8	U5EYA	19.1	U5DYA	28.9 U7DYB
3F	B87	G70X90	457.88	14.8	U5EYA	19.1	U5DYB	28.9 U7DYB
3F	B87	G70X90	503.75	14.8	U5EYA	19.1	U5DYB	28.9 U7DYB
3F	B87	G70X90	503.75	14.8	U5EYA	19.1	U5DYB	28.9 U7DYB
3F	B87	G70X90	549.32	14.8	U5EYA	19.1	U5DYB	28.9 U7DYB
3F	B87	G70X90	594.89	14.8	U5EYA	19.1	U5DYA	28.9 U7DYB
3F	B87	G70X90	640.45	14.8	U5EYA	19.1	U5EYA	28.9 U7DYB
3F	B87	G70X90	686.02	14.8	U5EYA	18.2	U5EYA	28.9 U7DYB
3F	B87	G70X90	731.59	14.8	U5EYA	15.9	U5EYA	28.9 U7DYB
3F	B87	G70X90	777.16	14.8	U5EYA	14.8	U5EYA	28.9 U7DYB
3F	B87	G70X90	822.73	19.1	U5EYA	14.8	U5EYA	28.9 U7DYB
3F	B87	G70X90	868.30	21.5	U5EYA	14.8	U5EYA	28.9 U7DYB
3F	B87	G70X90	913.86	28.9	U5EYA	14.8	U5EYA	28.9 U7DYB
3F	B87	G70X90	959.43	37.0	U5EYA	14.8	U5EYA	28.9 U7DYB
3F	B87	G70X90	1005.00	45.8	U5EYA	22.2	U5EYA	28.9 U7DYB
3F	B88G100X150-C		60.00	164.8	U5EYA	78.6	U5EYA	0.0 U7DYB
3F	B88G100X150-C		109.49	145.9	U5EYA	48.5	U5DYA	0.0 U7DYB
3F	B88G100X150-C		158.97	128.2	U5EYA	48.5	U5DYA	0.0 U7DYB
3F	B88G100X150-C		208.46	111.5	U5EYA	48.5	U5DYA	0.0 U7DYB
3F	B88G100X150-C		257.95	95.9	U5EYA	48.5	U5DYA	0.0 U7DYB
3F	B88G100X150-C		307.44	81.3	U5EYA	48.5	U5DYA	0.0 U7DYB
3F	B88G100X150-C		356.92	67.5	U5EYA	48.5	U7DYA	0.0 U7DYB
3F	B88G100X150-C		406.41	54.8	U7EYA	48.5	U7DYA	0.0 U7DYB
3F	B88G100X150-C		455.90	48.5	U7DYA	48.5	U7DYA	0.0 U7DYB
3F	B88G100X150-C		505.38	48.5	U5DYA	50.5	U5EYA	0.0 U7DYB
3F	B88G100X150-C		554.87	48.5	U5DYA	52.8	U5EYA	0.0 U7DYB
3F	B88G100X150-C		604.36	48.5	U5DYA	54.4	U5EYA	0.0 U7DYB
3F	B88G100X150-C		653.85	48.5	U5DYA	55.4	U5EYA	0.0 U7DYB
3F	B88G100X150-C		703.33	48.5	U5DYA	55.7	U5EYA	0.0 U7DYB
3F	B88G100X150-C		752.82	48.5	U5DYA	55.4	U5EYA	0.0 U7DYB
3F	B88G100X150-C		802.31	48.5	U5DYA	54.3	U5EYA	0.0 U7DYB
3F	B88G100X150-C		851.79	48.5	U5DYA	52.6	U5EYA	0.0 U7DYB

3F	B88G100X150-C	901.28	48.5	U5DYA	50.2 U5EYA	0.0	U7DYB
3F	B88G100X150-C	950.77	48.5	U5DYA	48.5 U5DYB	0.0	U7DYB
3F	B88G100X150-C	1000.26	48.5	U5DYA	48.5 U5DYB	0.0	U7DYB
3F	B88G100X150-C	1049.74	48.5	U5DYA	48.5 U5DYB	0.0	U7DYB
3F	B88G100X150-C	1099.23	48.5	U5DYA	49.3 U5EYA	0.0	U7DYB
3F	B88G100X150-C	1148.72	48.5	U5DYA	51.8 U5EYA	0.0	U7DYB
3F	B88G100X150-C	1198.21	48.5	U5DYA	53.7 U5EYA	0.0	U7DYB
3F	B88G100X150-C	1247.69	48.5	U5DYA	55.0 U5EYA	0.0	U7DYB
3F	B88G100X150-C	1297.18	48.5	U5DYA	55.5 U5EYA	0.0	U7DYB
3F	B88G100X150-C	1346.67	48.5	U5DYA	55.4 U5EYA	0.0	U7DYB
3F	B88G100X150-C	1396.15	48.5	U5DYA	54.6 U5EYA	0.0	U7DYB
3F	B88G100X150-C	1445.64	48.5	U5DYA	53.1 U5EYA	0.0	U7DYB
3F	B88G100X150-C	1495.13	48.5	U5DYA	50.9 U5EYA	0.0	U7DYB
3F	B88G100X150-C	1544.62	48.5	U5DYA	48.5 U7DYA	0.0	U7DYB
3F	B88G100X150-C	1594.10	51.4	U5EYA	48.5 U7DYA	0.0	U7DYB
3F	B88G100X150-C	1643.59	64.0	U5EYA	48.5 U7DYA	0.0	U7DYB
3F	B88G100X150-C	1693.08	77.5	U5EYA	48.5 U7DYA	0.0	U7DYB
3F	B88G100X150-C	1742.56	91.9	U5EYA	48.5 U5DYA	0.0	U7DYB
3F	B88G100X150-C	1792.05	107.3	U5EYA	48.5 U5DYA	0.0	U7DYB
3F	B88G100X150-C	1841.54	123.6	U5EYA	48.5 U5DYA	0.0	U7DYB
3F	B88G100X150-C	1891.03	141.1	U5EYA	48.5 U5DYA	0.0	U7DYB
3F	B88G100X150-C	1940.51	159.7	U5EYA	48.5 U5DYA	0.0	U7DYB
3F	B88G100X150-C	1990.00	179.5	U5EYA	85.2 U5EYA	0.0	U7DYB

3F	B117 G60X80	45.00	7.6	U5EXA	14.1 U7EXA	0.0	U7DYB
3F	B117 G60X80	93.33	7.0	U5EXA	13.7 U5EXA	0.0	U7DYB
3F	B117 G60X80	141.67	7.0	U5EXA	13.3 U5EXA	0.0	U7DYB
3F	B117 G60X80	190.00	7.0	U5EXA	12.4 U5EXA	0.0	U7DYB
3F	B117 G60X80	238.33	7.0	U5EXA	10.8 U5EXA	0.0	U7DYB
3F	B117 G60X80	286.67	7.0	U5EXA	8.5 U5EXA	0.0	U7DYB
3F	B117 G60X80	335.00	7.0	U5EXA	7.0 U5EXA	0.0	U7DYB
3F	B117 G60X80	383.33	7.0	U5EXA	7.0 U5EXA	0.0	U7DYB
3F	B117 G60X80	431.67	7.0	U5EXA	7.0 U5EXA	0.0	U7DYB
3F	B117 G60X80	480.00	8.5	U5EXA	7.0 U5EXA	0.0	U7DYB
3F	B117 G60X80	528.33	14.7	U5EXA	7.0 U5EXA	0.0	U7DYB
3F	B117 G60X80	576.67	16.2	U5EXA	7.0 U5EXA	0.0	U7DYB
3F	B117 G60X80	625.00	21.7	U5EXA	14.2 U5EXA	0.0	U7DYB

3F	B118 G60X80	45.00	17.7	U5EXA	11.7 U5EXA	0.0	U7DYB
3F	B118 G60X80	94.38	15.5	U5DXA	5.8 U5EXA	0.0	U7DYB
3F	B118 G60X80	143.75	11.0	U5EXA	5.8 U5EXA	0.0	U7DYB
3F	B118 G60X80	193.13	5.8	U5EXA	5.8 U5EXA	0.0	U7DYB
3F	B118 G60X80	242.50	5.8	U5EXA	5.8 U5EXA	0.0	U7DYB
3F	B118 G60X80	291.88	5.8	U5EXA	7.0 U5EXA	0.0	U7DYB
3F	B118 G60X80	341.25	5.8	U5EXA	8.6 U5EXA	0.0	U7DYB
3F	B118 G60X80	390.63	5.8	U5EXA	9.3 U5EXA	0.0	U7DYB
3F	B118 G60X80	440.00	5.8	U5EXA	9.7 U5EXA	0.0	U7DYB
3F	B118 G60X80	489.38	5.8	U5EXA	10.2 U5EXA	0.0	U7DYB
3F	B118 G60X80	538.75	5.8	U5EXA	9.9 U5EXA	0.0	U7DYB
3F	B118 G60X80	588.13	5.8	U5EXA	8.8 U5EXA	0.0	U7DYB
3F	B118 G60X80	637.50	5.8	U5EXA	6.8 U5EXA	0.0	U7DYB
3F	B118 G60X80	686.88	5.8	U5EXA	5.8 U5EXA	0.0	U7DYB
3F	B118 G60X80	736.25	9.2	U5EXA	5.8 U5EXA	0.0	U7DYB
3F	B118 G60X80	785.63	14.8	U5EXA	5.8 U5EXA	0.0	U7DYB
3F	B118 G60X80	835.00	15.7	U5EXA	10.3 U5EXA	0.0	U7DYB

3F	B119 B60X80	0.00	8.4	U5EXA	4.2 U5EXA	0.0	U7DYB
3F	B119 B60X80	47.86	5.3	U5EXA	5.2 U5EXA	0.0	U7DYB
3F	B119 B60X80	95.71	5.2	U5EXA	5.2 U5EXA	0.0	U7DYB
3F	B119 B60X80	143.57	5.2	U5EXA	5.3 U5EXA	0.0	U7DYB
3F	B119 B60X80	191.43	5.2	U5EXA	6.4 U5EXA	0.0	U7DYB
3F	B119 B60X80	239.29	5.2	U5EXA	6.9 U5EXA	0.0	U7DYB
3F	B119 B60X80	287.14	5.2	U5EXA	6.6 U5EXA	0.0	U7DYB
3F	B119 B60X80	335.00	5.2	U5EXA	5.5 U5EXA	0.0	U7DYB
3F	B119 B60X80	382.86	5.2	U5EXA	5.2 U5EXA	0.0	U7DYB

3F	B119	B60X80	430.71	5.2	U5EXA	5.2 U5EXA	0.0	U7DYB
3F	B119	B60X80	478.57	5.2	U5EXA	5.2 U5EXA	0.0	U7DYB
3F	B119	B60X80	526.43	6.3	U5EXA	5.2 U5EXA	0.0	U7DYB
3F	B119	B60X80	574.29	10.9	U5EXA	5.2 U5EXA	0.0	U7DYB
3F	B119	B60X80	622.14	15.5	U5DXA	5.2 U5EXA	0.0	U7DYB
3F	B119	B60X80	670.00	16.0	U5EXA	10.5 U5EXA	0.0	U7DYB
3F	B120	B60X80	0.00	19.0	U5EXA	12.5 U5EXA	0.0	U7DYB
3F	B120	B60X80	48.96	15.5	U5DYB	6.2 U5EXA	0.0	U7DYB
3F	B120	B60X80	97.92	10.6	U5EXA	6.2 U5EXA	0.0	U7DYB
3F	B120	B60X80	146.88	6.2	U5EXA	6.2 U5EXA	0.0	U7DYB
3F	B120	B60X80	195.83	6.2	U5EXA	6.2 U5EXA	0.0	U7DYB
3F	B120	B60X80	244.79	6.2	U5EXA	7.2 U5EXB	0.0	U7DYB
3F	B120	B60X80	293.75	6.2	U5EXA	11.4 U5EYB	0.0	U7DYB
3F	B120	B60X80	342.71	6.2	U5EXA	14.7 U5EXB	0.0	U7DYB
3F	B120	B60X80	391.67	6.2	U5EXA	15.5 U5DYB	0.0	U7DYB
3F	B120	B60X80	440.63	6.2	U5EXA	15.5 U5DYB	0.0	U7DYB
3F	B120	B60X80	489.58	6.2	U5EXA	15.5 U5DYB	0.0	U7DYB
3F	B120	B60X80	538.54	6.2	U5EXA	15.5 U5DYB	0.0	U7DYB
3F	B120	B60X80	587.50	6.2	U5EXA	15.5 U5DYB	0.0	U7DYB
3F	B120	B60X80	587.50	6.2	U5EXA	15.5 U5DYB	0.0	U7DYB
3F	B120	B60X80	636.25	6.2	U5EXA	15.5 U5DXB	0.0	U7DYB
3F	B120	B60X80	685.00	6.2	U5EXA	11.9 U5EXA	0.0	U7DYB
3F	B120	B60X80	733.75	6.2	U5EXA	7.2 U5EXA	0.0	U7DYB
3F	B120	B60X80	782.50	6.2	U5EXA	6.2 U5EXA	0.0	U7DYB
3F	B120	B60X80	831.25	7.2	U5EXA	6.2 U5EXA	0.0	U7DYB
3F	B120	B60X80	880.00	13.7	U5EXA	6.8 U5EXA	0.0	U7DYB
3F	B121	G90X120	45.00	75.1	U5EYA	36.4 U5EYA	0.0	U7DYB
3F	B121	G90X120	95.00	59.7	U5EYA	34.3 U7EYA	0.0	U7DYB
3F	B121	G90X120	145.00	45.7	U5EYA	34.1 U7DYA	0.0	U7DYB
3F	B121	G90X120	195.00	34.1	U7DYA	34.1 U7DYA	0.0	U7DYB
3F	B121	G90X120	245.00	31.2	U5EYA	34.1 U5DYA	0.0	U7DYB
3F	B121	G90X120	295.00	31.2	U5EYA	34.1 U7EYA	0.0	U7DYB
3F	B121	G90X120	345.00	31.2	U5EYA	34.1 U5EYA	0.0	U7DYB
3F	B121	G90X120	395.00	31.2	U5EYA	31.2 U5EYA	0.0	U7DYB
3F	B121	G90X120	445.00	31.2	U5EYA	31.2 U5EYA	0.0	U7DYB
3F	B121	G90X120	445.00	31.2	U5EYA	31.2 U5EYA	0.0	U7DYB
3F	B121	G90X120	494.50	31.2	U5EYA	31.2 U5EYA	0.0	U7DYB
3F	B121	G90X120	544.00	31.2	U5EYA	32.1 U5EYA	0.0	U7DYB
3F	B121	G90X120	593.50	31.2	U5EYA	34.1 U5EYA	0.0	U7DYB
3F	B121	G90X120	643.00	31.2	U5EYA	34.1 U5DYA	0.0	U7DYB
3F	B121	G90X120	692.50	34.1	U7EYA	34.1 U7DYA	0.0	U7DYB
3F	B121	G90X120	742.00	38.3	U5EYA	34.1 U7DYA	0.0	U7DYB
3F	B121	G90X120	791.50	51.5	U5EYA	35.5 U7EYA	0.0	U7DYB
3F	B121	G90X120	841.00	66.1	U5EYA	36.3 U7EYA	0.0	U7DYB
3F	B121	G90X120	890.50	82.0	U5EYA	36.5 U7EYA	0.0	U7DYB
3F	B121	G90X120	940.00	99.3	U5EYA	47.7 U5EYA	0.0	U7DYB
3F	B122	G70X90	45.00	55.8	U5EYA	26.8 U5EYA	28.9	U7DXA
3F	B122	G70X90	95.00	43.2	U5EYA	18.3 U5EYA	28.9	U7DXA
3F	B122	G70X90	145.00	31.5	U5EYA	18.3 U5EYA	28.9	U7DXA
3F	B122	G70X90	195.00	20.6	U5EYA	18.3 U5EYA	28.9	U7DXA
3F	B122	G70X90	245.00	18.3	U5EYA	18.3 U5EYA	28.9	U7DXA
3F	B122	G70X90	295.00	18.3	U5EYA	19.1 U5DYA	28.9	U7DXA
3F	B122	G70X90	345.00	18.3	U5EYA	20.3 U5EYA	28.9	U7DXA
3F	B122	G70X90	395.00	18.3	U5EYA	23.8 U5EYA	28.9	U7DXA
3F	B122	G70X90	445.00	18.3	U5EYA	27.0 U5EYA	28.9	U7DXA
3F	B122	G70X90	445.00	18.3	U5EYA	26.9 U5EYA	28.9	U7DXA
3F	B122	G70X90	494.50	18.3	U5EYA	23.1 U5EYA	28.9	U7DXA
3F	B122	G70X90	544.00	18.3	U5EYA	21.8 U5EYA	28.9	U7DXA
3F	B122	G70X90	593.50	18.3	U5EYA	20.1 U5EYA	28.9	U7DXA
3F	B122	G70X90	643.00	18.3	U5EYA	19.1 U5DYA	28.9	U7DXA
3F	B122	G70X90	692.50	18.3	U5EYA	19.1 U5EYA	28.9	U7DXA
3F	B122	G70X90	742.00	19.1	U7EYA	18.3 U5EYA	28.9	U7DXA

3F	B122	G70X90	791.50	25.4	U5EYA	18.3	U5EYA	28.9 U7DXA
3F	B122	G70X90	841.00	35.6	U5EYA	18.3	U5EYA	28.9 U7DXA
3F	B122	G70X90	890.50	46.6	U5EYA	18.3	U5EYA	28.9 U7DXA
3F	B122	G70X90	940.00	58.4	U5EYA	28.0	U5EYA	28.9 U7DXA
3F	B123	G70X90	45.00	47.8	U5EYA	23.1	U5EYA	28.5 U7EYA
3F	B123	G70X90	95.00	37.1	U5EYA	15.2	U5EYA	28.5 U7EYA
3F	B123	G70X90	145.00	27.3	U5EYA	15.2	U5EYA	28.5 U7EYA
3F	B123	G70X90	195.00	19.1	U7DYA	15.2	U5EYA	28.5 U7EYA
3F	B123	G70X90	245.00	15.2	U5EYA	15.2	U5EYA	28.5 U7EYA
3F	B123	G70X90	295.00	15.2	U5EYA	18.9	U5EYA	28.5 U7EYA
3F	B123	G70X90	345.00	15.2	U5EYA	19.1	U5DYA	28.5 U7EYA
3F	B123	G70X90	395.00	15.2	U5EYA	19.1	U5DYB	28.5 U7EYA
3F	B123	G70X90	445.00	15.2	U5EYA	20.2	U5EYA	28.5 U7EYA
3F	B123	G70X90	445.00	15.2	U5EYA	20.0	U5EYA	28.9 U7DYB
3F	B123	G70X90	491.36	15.2	U5EYA	19.1	U5DYB	28.9 U7DYB
3F	B123	G70X90	537.73	15.2	U5EYA	19.1	U5DYB	28.9 U7DYB
3F	B123	G70X90	584.09	15.2	U5EYA	19.1	U5DYA	28.9 U7DYB
3F	B123	G70X90	630.45	15.2	U5EYA	19.1	U5DYA	28.9 U7DYB
3F	B123	G70X90	676.82	15.2	U5EYA	19.1	U5EYA	28.9 U7DYB
3F	B123	G70X90	723.18	15.2	U5EYA	18.6	U5EYA	28.9 U7DYB
3F	B123	G70X90	769.55	17.6	U5EYA	16.6	U7EYA	28.9 U7DYB
3F	B123	G70X90	815.91	20.0	U5EYA	15.2	U7EYA	28.9 U7DYB
3F	B123	G70X90	862.27	27.4	U5EYA	15.2	U5EYA	28.9 U7DYB
3F	B123	G70X90	908.64	35.5	U5EYA	15.2	U5EYA	28.9 U7DYB
3F	B123	G70X90	955.00	44.3	U5EYA	21.5	U5EYA	28.9 U7DYB
3F	B126	G90X120	60.00	34.1	U7DXA	34.1	U7DXA	49.3 U7DYB
3F	B126	G90X120	108.50	29.1	U7EXA	34.1	U5EXA	49.3 U7DYB
3F	B126	G90X120	157.00	20.2	U7EXA	29.1	U5EXA	49.3 U7DYB
3F	B126	G90X120	205.50	12.3	U5EXA	22.8	U5EXA	49.3 U7DYB
3F	B126	G90X120	254.00	12.3	U5EXA	15.5	U5EXA	49.3 U7DYB
3F	B126	G90X120	302.50	12.3	U5EXA	12.3	U5EXA	49.3 U7DYB
3F	B126	G90X120	351.00	12.3	U5EXA	12.3	U5EXA	49.3 U7DYB
3F	B126	G90X120	399.50	12.3	U5EXA	12.3	U5EXA	49.3 U7DYB
3F	B126	G90X120	448.00	23.7	U5EXA	15.4	U7EXA	49.3 U7DYB
3F	B126	G90X120	496.50	34.1	U5DXA	18.6	U7EXA	49.3 U7DYB
3F	B126	G90X120	545.00	37.7	U5EXA	24.8	U5EXA	49.3 U7DYB
3F	B127	G90X120	55.00	35.1	U5EXA	28.1	U7EXA	0.0 U7DYB
3F	B127	G90X120	104.00	34.1	U5EXA	24.6	U7EXA	0.0 U7DYB
3F	B127	G90X120	153.00	22.9	U5EXA	20.4	U7EXA	0.0 U7DYB
3F	B127	G90X120	202.00	12.7	U5EXA	15.4	U7EXA	0.0 U7DYB
3F	B127	G90X120	251.00	11.5	U5EXA	11.5	U5EXA	0.0 U7DYB
3F	B127	G90X120	300.00	11.5	U5EXA	11.5	U5EXA	0.0 U7DYB
3F	B127	G90X120	349.00	11.5	U5EXA	11.5	U5EXA	0.0 U7DYB
3F	B127	G90X120	398.00	12.3	U7EXA	16.8	U5EXA	0.0 U7DYB
3F	B127	G90X120	447.00	21.3	U7EXA	21.6	U5EXA	0.0 U7DYB
3F	B127	G90X120	496.00	31.2	U7EXA	25.4	U5EXA	0.0 U7DYB
3F	B127	G90X120	545.00	34.1	U7DXA	28.1	U5EXA	0.0 U7DYB
3F	B128	G90X120	55.00	34.1	U7DXA	31.5	U5EXA	0.0 U7DYB
3F	B128	G90X120	104.00	30.0	U7EXA	28.2	U5EXA	0.0 U7DYB
3F	B128	G90X120	153.00	20.4	U7EXA	23.9	U5EXA	0.0 U7DYB
3F	B128	G90X120	202.00	12.1	U5EXA	18.5	U5EXA	0.0 U7DYB
3F	B128	G90X120	251.00	12.1	U5EXA	12.1	U5EXA	0.0 U7DYB
3F	B128	G90X120	300.00	12.1	U5EXA	12.1	U5EXA	0.0 U7DYB
3F	B128	G90X120	349.00	12.1	U5EXA	12.1	U5EXA	0.0 U7DYB
3F	B128	G90X120	398.00	13.4	U5EXA	15.0	U7EXA	0.0 U7DYB
3F	B128	G90X120	447.00	24.2	U5EXA	19.8	U7EXA	0.0 U7DYB
3F	B128	G90X120	496.00	34.1	U5DXA	23.7	U7EXA	0.0 U7DYB
3F	B128	G90X120	545.00	37.0	U5EXA	26.9	U7EXA	0.0 U7DYB
3F	B129	G90X120	55.00	34.1	U7DXA	27.8	U7EXA	0.0 U7DYB
3F	B129	G90X120	104.00	30.1	U7EXA	24.5	U5EXA	0.0 U7DYB

3F	B129	G90X120	153.00	20.5	U7EXA	21.0	U5EXA	0.0 U7DYB
3F	B129	G90X120	202.00	11.7	U7EXA	16.4	U5EXA	0.0 U7DYB
3F	B129	G90X120	251.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
3F	B129	G90X120	300.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
3F	B129	G90X120	349.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
3F	B129	G90X120	398.00	12.2	U5EXA	15.1	U7EXA	0.0 U7DYB
3F	B129	G90X120	447.00	22.1	U5EXA	19.8	U7EXA	0.0 U7DYB
3F	B129	G90X120	496.00	33.2	U5EXA	23.8	U7EXA	0.0 U7DYB
3F	B129	G90X120	545.00	34.1	U7DXA	27.0	U7EXA	0.0 U7DYB
3F	B130	G90X120	55.00	34.1	U7DXA	27.7	U7EXA	0.0 U7DYB
3F	B130	G90X120	104.00	30.2	U5EXA	24.4	U7EXA	0.0 U7DYB
3F	B130	G90X120	153.00	20.4	U7EXA	20.8	U5EXA	0.0 U7DYB
3F	B130	G90X120	202.00	11.6	U7EXA	16.3	U5EXA	0.0 U7DYB
3F	B130	G90X120	251.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B130	G90X120	300.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B130	G90X120	349.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B130	G90X120	398.00	11.9	U7EXA	15.1	U5EXA	0.0 U7DYB
3F	B130	G90X120	447.00	21.6	U5EXA	19.8	U7EXA	0.0 U7DYB
3F	B130	G90X120	496.00	32.5	U5EXA	23.7	U7EXA	0.0 U7DYB
3F	B130	G90X120	545.00	34.1	U7DXA	26.9	U7EXA	0.0 U7DYB
3F	B131	G90X120	55.00	34.1	U7DXA	27.7	U7EXA	0.0 U7DYB
3F	B131	G90X120	104.00	30.0	U5EXA	24.4	U7EXA	0.0 U7DYB
3F	B131	G90X120	153.00	20.3	U7EXA	20.8	U5EXA	0.0 U7DYB
3F	B131	G90X120	202.00	11.6	U7EXA	16.4	U5EXA	0.0 U7DYB
3F	B131	G90X120	251.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B131	G90X120	300.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B131	G90X120	349.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B131	G90X120	398.00	11.9	U7EXA	15.1	U5EXA	0.0 U7DYB
3F	B131	G90X120	447.00	21.5	U5EXA	19.7	U7EXA	0.0 U7DYB
3F	B131	G90X120	496.00	32.5	U5EXA	23.7	U7EXA	0.0 U7DYB
3F	B131	G90X120	545.00	34.1	U7DXA	26.8	U7EXA	0.0 U7DYB
3F	B132	G90X120	55.00	34.1	U7DXA	27.6	U7EXA	0.0 U7DYB
3F	B132	G90X120	104.00	29.9	U5EXA	24.3	U7EXA	0.0 U7DYB
3F	B132	G90X120	153.00	20.2	U7EXA	20.8	U5EXA	0.0 U7DYB
3F	B132	G90X120	202.00	11.5	U7EXA	16.4	U5EXA	0.0 U7DYB
3F	B132	G90X120	251.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B132	G90X120	300.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B132	G90X120	349.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B132	G90X120	398.00	11.9	U7EXA	15.1	U5EXA	0.0 U7DYB
3F	B132	G90X120	447.00	21.5	U5EXA	19.7	U7EXA	0.0 U7DYB
3F	B132	G90X120	496.00	32.5	U5EXA	23.6	U7EXA	0.0 U7DYB
3F	B132	G90X120	545.00	34.1	U7DXA	26.7	U7EXA	0.0 U7DYB
3F	B133	G90X120	55.00	34.1	U7DXA	27.6	U7EXA	0.0 U7DYB
3F	B133	G90X120	104.00	29.8	U5EXA	24.3	U7EXA	0.0 U7DYB
3F	B133	G90X120	153.00	20.2	U7EXA	20.8	U5EXA	0.0 U7DYB
3F	B133	G90X120	202.00	11.5	U7EXA	16.4	U5EXA	0.0 U7DYB
3F	B133	G90X120	251.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B133	G90X120	300.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B133	G90X120	349.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B133	G90X120	398.00	11.8	U7EXA	15.0	U5EXA	0.0 U7DYB
3F	B133	G90X120	447.00	21.5	U5EXA	19.6	U7EXA	0.0 U7DYB
3F	B133	G90X120	496.00	32.4	U5EXA	23.5	U7EXA	0.0 U7DYB
3F	B133	G90X120	545.00	34.1	U7DXA	26.6	U7EXA	0.0 U7DYB
3F	B134	G90X120	55.00	34.1	U7DXA	27.5	U7EXA	0.0 U7DYB
3F	B134	G90X120	104.00	29.7	U5EXA	24.2	U7EXA	0.0 U7DYB
3F	B134	G90X120	153.00	20.1	U7EXA	20.8	U5EXA	0.0 U7DYB
3F	B134	G90X120	202.00	11.5	U7EXA	16.3	U5EXA	0.0 U7DYB
3F	B134	G90X120	251.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB
3F	B134	G90X120	300.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB
3F	B134	G90X120	349.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB

3F	B134	G90X120	398.00	11.8	U7EXA	15.0	U5EXA	0.0 U7DYB
3F	B134	G90X120	447.00	21.5	U5EXA	19.5	U7EXA	0.0 U7DYB
3F	B134	G90X120	496.00	32.4	U5EXA	23.4	U7EXA	0.0 U7DYB
3F	B134	G90X120	545.00	34.1	U7DXA	26.5	U7EXA	0.0 U7DYB
3F	B135	G90X120	55.00	34.1	U7DXA	27.5	U7EXA	0.0 U7DYB
3F	B135	G90X120	104.00	29.6	U5EXA	24.2	U7EXA	0.0 U7DYB
3F	B135	G90X120	153.00	20.0	U7EXA	20.8	U5EXA	0.0 U7DYB
3F	B135	G90X120	202.00	11.4	U7EXA	16.4	U5EXA	0.0 U7DYB
3F	B135	G90X120	251.00	10.9	U5EXA	11.0	U5EXA	0.0 U7DYB
3F	B135	G90X120	300.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB
3F	B135	G90X120	349.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB
3F	B135	G90X120	398.00	11.7	U7EXA	14.9	U5EXA	0.0 U7DYB
3F	B135	G90X120	447.00	21.3	U5EXA	19.4	U7EXA	0.0 U7DYB
3F	B135	G90X120	496.00	32.2	U5EXA	23.2	U7EXA	0.0 U7DYB
3F	B135	G90X120	545.00	34.1	U7DXA	26.3	U7EXA	0.0 U7DYB
3F	B136	G90X120	55.00	34.1	U7DXA	28.5	U7EXA	0.0 U7DYB
3F	B136	G90X120	104.00	29.5	U7EXA	25.2	U5EXA	0.0 U7DYB
3F	B136	G90X120	153.00	20.0	U7EXA	21.6	U5EXA	0.0 U7DYB
3F	B136	G90X120	202.00	11.4	U7EXA	16.9	U5EXA	0.0 U7DYB
3F	B136	G90X120	251.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
3F	B136	G90X120	300.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
3F	B136	G90X120	349.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
3F	B136	G90X120	398.00	12.1	U5EXA	14.8	U7EXA	0.0 U7DYB
3F	B136	G90X120	447.00	22.1	U5EXA	19.4	U7EXA	0.0 U7DYB
3F	B136	G90X120	496.00	33.3	U5EXA	23.2	U7EXA	0.0 U7DYB
3F	B136	G90X120	545.00	34.3	U5EXA	26.2	U7EXA	0.0 U7DYB
3F	B137	G90X120	55.00	34.1	U7DXA	26.9	U7EXA	0.0 U7DYB
3F	B137	G90X120	105.00	26.8	U5EXA	21.7	U7EXA	0.0 U7DYB
3F	B137	G90X120	155.00	16.4	U7EXA	16.1	U5EXA	0.0 U7DYB
3F	B137	G90X120	205.00	9.9	U5EXA	9.9	U5EXA	0.0 U7DYB
3F	B137	G90X120	255.00	9.9	U5EXA	9.9	U5EXA	0.0 U7DYB
3F	B137	G90X120	305.00	9.9	U5EXA	9.9	U5EXA	0.0 U7DYB
3F	B137	G90X120	355.00	16.7	U5EXA	16.1	U7EXA	0.0 U7DYB
3F	B137	G90X120	405.00	27.9	U5EXA	22.2	U7EXA	0.0 U7DYB
3F	B137	G90X120	455.00	34.1	U7DXA	27.5	U7EXA	0.0 U7DYB
3F	B138	G90X120	55.00	36.1	U5EXA	23.8	U5EXA	49.3 U5EYA
3F	B138	G90X120	103.33	34.1	U5DXA	16.0	U7EXA	49.3 U5EYA
3F	B138	G90X120	151.67	25.5	U5EXA	15.0	U7EXA	49.3 U5EYA
3F	B138	G90X120	200.00	15.9	U5EXA	13.3	U7EXA	49.3 U5EYA
3F	B138	G90X120	248.33	11.8	U5EXA	11.8	U5EXA	49.3 U5EYA
3F	B138	G90X120	296.67	11.8	U5EXA	11.8	U5EXA	49.3 U5EYA
3F	B138	G90X120	345.00	11.8	U5EXA	11.8	U5EXA	49.3 U5EYA
3F	B138	G90X120	393.33	11.8	U5EXA	11.8	U5EXA	49.3 U5EYA
3F	B138	G90X120	441.67	11.8	U5EXA	16.0	U5EXA	49.3 U5EYA
3F	B138	G90X120	490.00	13.2	U7EXA	19.3	U5EXA	49.3 U5EYA
3F	B138	G90X120	538.33	20.7	U5EXA	21.9	U7EXA	49.3 U5EYA
3F	B138	G90X120	586.67	29.8	U5EXA	24.3	U7EXA	49.3 U5EYA
3F	B138	G90X120	635.00	34.1	U7DXA	25.8	U7EXA	49.3 U5EYA
3F	B139	G90X120	55.00	36.2	U5EXA	23.8	U5EXA	49.3 U7DYA
3F	B139	G90X120	104.38	34.1	U5DXA	11.8	U5EXA	49.3 U7DYA
3F	B139	G90X120	153.75	25.8	U5EXA	13.4	U7EXA	49.3 U7DYA
3F	B139	G90X120	203.13	16.5	U7EXA	14.9	U5EXA	49.3 U7DYA
3F	B139	G90X120	252.50	11.8	U5EXA	16.6	U5EXA	49.3 U7DYA
3F	B139	G90X120	301.88	11.8	U5EXA	17.2	U5EXA	49.3 U7DYA
3F	B139	G90X120	351.25	11.8	U5EXA	16.8	U5EXA	49.3 U7DYA
3F	B139	G90X120	400.63	11.8	U5EXA	15.3	U5EXA	49.3 U7DYA
3F	B139	G90X120	450.00	11.8	U5EXA	13.8	U5EXA	49.3 U7DYA
3F	B139	G90X120	499.38	11.8	U5EXA	16.7	U5EXA	49.3 U7DYA
3F	B139	G90X120	548.75	11.8	U5EXA	18.5	U5EXA	49.3 U7DYA
3F	B139	G90X120	598.13	11.8	U5EXA	19.2	U5EXA	49.3 U7DYA

3F	B139	G90X120	647.50	11.8	U5EXA	18.8 U5EXA	49.3	U7DYA
3F	B139	G90X120	696.88	16.3	U5EXA	17.5 U7EXA	49.3	U7DYA
3F	B139	G90X120	746.25	25.4	U5EXA	16.5 U7EXA	49.3	U7DYA
3F	B139	G90X120	795.63	34.1	U5DXA	14.6 U7EXA	49.3	U7DYA
3F	B139	G90X120	845.00	35.5	U5EXA	23.3 U5EXA	49.3	U7DYA
3F	B140	G60X80	55.00	12.5	U5EXA	12.1 U7EXA	0.0	U7DYB
3F	B140	G60X80	101.67	8.7	U7EXA	12.3 U5EXA	0.0	U7DYB
3F	B140	G60X80	148.33	7.4	U5EXA	12.1 U5EXA	0.0	U7DYB
3F	B140	G60X80	195.00	7.4	U5EXA	11.3 U5EXA	0.0	U7DYB
3F	B140	G60X80	241.67	7.4	U5EXA	9.7 U5EXA	0.0	U7DYB
3F	B140	G60X80	288.33	7.4	U5EXA	7.4 U5EXA	0.0	U7DYB
3F	B140	G60X80	335.00	7.4	U5EXA	7.4 U5EXA	0.0	U7DYB
3F	B140	G60X80	381.67	7.4	U5EXA	7.4 U5EXA	0.0	U7DYB
3F	B140	G60X80	428.33	7.4	U5EXA	7.4 U5EXA	0.0	U7DYB
3F	B140	G60X80	475.00	9.5	U5EXA	7.4 U5EXA	0.0	U7DYB
3F	B140	G60X80	521.67	15.5	U5EXA	7.4 U5EXA	0.0	U7DYB
3F	B140	G60X80	568.33	17.0	U5EXA	7.4 U5EXA	0.0	U7DYB
3F	B140	G60X80	615.00	22.8	U5EXA	14.9 U5EXA	0.0	U7DYB
3F	B141	G60X80	55.00	20.8	U5EXA	13.6 U5EXA	0.0	U7DYB
3F	B141	G60X80	103.41	15.5	U7DXA	6.8 U5EXA	0.0	U7DYB
3F	B141	G60X80	151.82	13.4	U5EXA	6.8 U5EXA	0.0	U7DYB
3F	B141	G60X80	200.23	7.4	U5EXA	6.8 U5EXA	0.0	U7DYB
3F	B141	G60X80	248.64	6.8	U5EXA	6.8 U5EXA	0.0	U7DYB
3F	B141	G60X80	297.05	6.8	U5EXA	7.5 U5EXA	0.0	U7DYB
3F	B141	G60X80	345.45	6.8	U5EXA	9.2 U5EXA	0.0	U7DYB
3F	B141	G60X80	393.86	6.8	U5EXA	10.1 U5EXA	0.0	U7DYB
3F	B141	G60X80	442.27	6.8	U5EXA	10.5 U5EYB	0.0	U7DYB
3F	B141	G60X80	490.68	6.8	U5EXA	11.5 U5EXA	0.0	U7DYB
3F	B141	G60X80	539.09	6.8	U5EXA	12.2 U5EXA	0.0	U7DYB
3F	B141	G60X80	587.50	6.8	U5EXA	12.3 U5EXA	0.0	U7DYB
3F	B141	G60X80	587.50	6.8	U5EXA	12.3 U5EXA	0.0	U7DYB
3F	B141	G60X80	637.00	6.8	U5EXA	9.2 U5EXA	0.0	U7DYB
3F	B141	G60X80	686.50	6.8	U5EXA	6.8 U5EXA	0.0	U7DYB
3F	B141	G60X80	736.00	9.7	U5EXA	6.8 U5EXA	0.0	U7DYB
3F	B141	G60X80	785.50	15.5	U5DXA	6.8 U5EXA	0.0	U7DYB
3F	B141	G60X80	835.00	18.4	U5EXA	12.1 U5EXA	0.0	U7DYB
3F	B142	B30X50	0.00	0.0	U7DYB	0.0 U7DYB	0.0	U7DYB
3F	B142	B30X50	41.77	0.0	U5DYB	3.3 U5DYB	0.0	U7DYB
3F	B142	B30X50	83.54	0.0	U5DYB	4.8 U5DYB	0.0	U7DYB
3F	B142	B30X50	125.31	0.0	U5DYB	7.0 U5DYB	0.0	U7DYB
3F	B142	B30X50	167.08	0.0	U5DYB	8.9 U5DYB	0.0	U7DYB
3F	B142	B30X50	208.85	0.0	U5DYB	10.2 U5DYB	0.0	U7DYB
3F	B142	B30X50	250.63	0.0	U5DYB	11.1 U5DYB	0.0	U7DYB
3F	B142	B30X50	250.63	0.0	U5DYB	11.1 U5DYB	0.0	U7DYB
3F	B142	B30X50	292.40	0.0	U5DYB	10.2 U5DYB	0.0	U7DYB
3F	B142	B30X50	334.17	0.0	U5DYB	8.9 U5DYB	0.0	U7DYB
3F	B142	B30X50	375.94	0.0	U5DYB	7.0 U5DYB	0.0	U7DYB
3F	B142	B30X50	417.71	0.0	U5DYB	4.8 U5DYB	0.0	U7DYB
3F	B142	B30X50	459.48	0.0	U5DYB	3.3 U5DYB	0.0	U7DYB
3F	B142	B30X50	501.25	0.0	U5DYB	0.0 U5DYB	0.0	U7DYB
3F	B143	B30X50	0.00	0.0	U7DYB	0.0 U7DYB	0.0	U7DYB
3F	B143	B30X50	46.25	0.0	U5DYB	4.2 U5DYB	0.0	U7DYB
3F	B143	B30X50	92.50	0.0	U5DYB	6.1 U5DYB	0.0	U7DYB
3F	B143	B30X50	138.75	0.0	U5DYB	8.9 U5DYB	0.0	U7DYB
3F	B143	B30X50	185.00	0.0	U5DYB	11.2 U5DYB	0.0	U7DYB
3F	B143	B30X50	231.25	0.0	U5DYB	13.0 U5DYB	0.0	U7DYB
3F	B143	B30X50	277.50	0.0	U5DYB	14.0 U5DYB	0.0	U7DYB
3F	B143	B30X50	277.50	0.0	U5DYB	14.0 U5DYB	0.0	U7DYB
3F	B143	B30X50	323.75	0.0	U5DYB	13.0 U5DYB	0.0	U7DYB
3F	B143	B30X50	370.00	0.0	U5DYB	11.2 U5DYB	0.0	U7DYB
3F	B143	B30X50	416.25	0.0	U5DYB	8.9 U5DYB	0.0	U7DYB

3F	B143	B30X50	462.50	0.0	U5DYB	6.1	U5DYB	0.0 U7DYB
3F	B143	B30X50	508.75	0.0	U5DYB	4.2	U5DYB	0.0 U7DYB
3F	B143	B30X50	555.00	0.0	U5DYB	0.0	U5DYB	0.0 U7DYB
2F	B1	G90X120	60.00	35.3	U5EXA	34.1	U7DXA	49.3 U7DYB
2F	B1	G90X120	108.50	34.1	U5EXA	32.6	U7EXA	49.3 U7DYB
2F	B1	G90X120	157.00	24.1	U5EXA	27.2	U7EXA	49.3 U7DYB
2F	B1	G90X120	205.50	14.5	U7EXA	21.2	U5EXA	49.3 U7DYB
2F	B1	G90X120	254.00	11.5	U5EXA	14.8	U5EXA	49.3 U7DYB
2F	B1	G90X120	302.50	11.5	U5EXA	11.5	U5EXA	49.3 U7DYB
2F	B1	G90X120	351.00	11.5	U5EXA	11.5	U5EXA	49.3 U7DYB
2F	B1	G90X120	399.50	11.5	U5EXA	13.8	U5EXA	49.3 U7DYB
2F	B1	G90X120	448.00	21.2	U7EXA	18.2	U5EXA	49.3 U7DYB
2F	B1	G90X120	496.50	32.7	U5EXA	22.2	U7EXA	49.3 U7DYB
2F	B1	G90X120	545.00	34.3	U5EXA	25.7	U7EXA	49.3 U7DYB
2F	B2	G90X120	55.00	35.4	U5EXA	25.1	U7EXA	0.0 U7DYB
2F	B2	G90X120	104.00	34.1	U5EXA	22.2	U7EXA	0.0 U7DYB
2F	B2	G90X120	153.00	23.0	U5EXA	18.6	U7EXA	0.0 U7DYB
2F	B2	G90X120	202.00	12.7	U5EXA	14.1	U7EXA	0.0 U7DYB
2F	B2	G90X120	251.00	11.6	U5EXA	11.6	U5EXA	0.0 U7DYB
2F	B2	G90X120	300.00	11.6	U5EXA	11.6	U5EXA	0.0 U7DYB
2F	B2	G90X120	349.00	11.6	U5EXA	11.6	U5EXA	0.0 U7DYB
2F	B2	G90X120	398.00	11.6	U5EXA	17.4	U5EXA	0.0 U7DYB
2F	B2	G90X120	447.00	19.8	U7EXA	22.4	U5EXA	0.0 U7DYB
2F	B2	G90X120	496.00	29.1	U7EXA	26.3	U5EXA	0.0 U7DYB
2F	B2	G90X120	545.00	34.1	U7DXA	29.1	U5EXA	0.0 U7DYB
2F	B3	G90X120	55.00	34.1	U7DXA	26.1	U7EXA	0.0 U7DYB
2F	B3	G90X120	104.00	31.2	U5EXA	23.1	U7EXA	0.0 U7DYB
2F	B3	G90X120	153.00	21.0	U7EXA	19.8	U5EXA	0.0 U7DYB
2F	B3	G90X120	202.00	12.0	U7EXA	15.7	U5EXA	0.0 U7DYB
2F	B3	G90X120	251.00	10.6	U5EXA	10.6	U5EXA	0.0 U7DYB
2F	B3	G90X120	300.00	10.6	U5EXA	10.6	U5EXA	0.0 U7DYB
2F	B3	G90X120	349.00	10.6	U5EXA	10.7	U5EXA	0.0 U7DYB
2F	B3	G90X120	398.00	11.3	U7EXA	15.9	U5EXA	0.0 U7DYB
2F	B3	G90X120	447.00	20.3	U5EXA	20.4	U7EXA	0.0 U7DYB
2F	B3	G90X120	496.00	30.8	U5EXA	24.6	U7EXA	0.0 U7DYB
2F	B3	G90X120	545.00	34.1	U7DXA	28.0	U7EXA	0.0 U7DYB
2F	B4	G90X120	55.00	34.1	U7DXA	25.9	U7EXA	0.0 U7DYB
2F	B4	G90X120	104.00	33.0	U5EXA	22.9	U7EXA	0.0 U7DYB
2F	B4	G90X120	153.00	21.9	U5EXA	19.2	U7EXA	0.0 U7DYB
2F	B4	G90X120	202.00	12.1	U7EXA	14.7	U5EXA	0.0 U7DYB
2F	B4	G90X120	251.00	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
2F	B4	G90X120	300.00	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
2F	B4	G90X120	349.00	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
2F	B4	G90X120	398.00	11.2	U7EXA	16.5	U5EXA	0.0 U7DYB
2F	B4	G90X120	447.00	19.8	U7EXA	21.0	U5EXA	0.0 U7DYB
2F	B4	G90X120	496.00	29.5	U5EXA	24.8	U7EXA	0.0 U7DYB
2F	B4	G90X120	545.00	34.1	U7DXA	28.2	U7EXA	0.0 U7DYB
2F	B5	G90X120	55.00	34.2	U5EXA	25.9	U7EXA	0.0 U7DYB
2F	B5	G90X120	104.00	33.2	U5EXA	23.0	U7EXA	0.0 U7DYB
2F	B5	G90X120	153.00	22.1	U5EXA	19.2	U7EXA	0.0 U7DYB
2F	B5	G90X120	202.00	12.1	U7EXA	14.7	U5EXA	0.0 U7DYB
2F	B5	G90X120	251.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
2F	B5	G90X120	300.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
2F	B5	G90X120	349.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
2F	B5	G90X120	398.00	11.2	U7EXA	16.7	U5EXA	0.0 U7DYB
2F	B5	G90X120	447.00	19.8	U7EXA	21.3	U5EXA	0.0 U7DYB
2F	B5	G90X120	496.00	29.2	U7EXA	24.9	U5EXA	0.0 U7DYB
2F	B5	G90X120	545.00	34.1	U7DXA	28.4	U7EXA	0.0 U7DYB
2F	B6	G90X120	55.00	34.2	U5EXA	26.0	U7EXA	0.0 U7DYB

2F	B6	G90X120	104.00	33.2	U5EXA	23.0	U7EXA	0.0 U7DYB
2F	B6	G90X120	153.00	22.1	U5EXA	19.3	U7EXA	0.0 U7DYB
2F	B6	G90X120	202.00	12.2	U7EXA	14.7	U5EXA	0.0 U7DYB
2F	B6	G90X120	251.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
2F	B6	G90X120	300.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
2F	B6	G90X120	349.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
2F	B6	G90X120	398.00	11.3	U7EXA	16.8	U5EXA	0.0 U7DYB
2F	B6	G90X120	447.00	19.8	U7EXA	21.4	U5EXA	0.0 U7DYB
2F	B6	G90X120	496.00	29.3	U7EXA	25.0	U5EXA	0.0 U7DYB
2F	B6	G90X120	545.00	34.1	U7DXA	28.4	U7EXA	0.0 U7DYB
2F	B7	G90X120	55.00	34.3	U5EXA	26.1	U7EXA	0.0 U7DYB
2F	B7	G90X120	104.00	33.3	U5EXA	23.1	U7EXA	0.0 U7DYB
2F	B7	G90X120	153.00	22.1	U5EXA	19.3	U7EXA	0.0 U7DYB
2F	B7	G90X120	202.00	12.2	U7EXA	14.8	U5EXA	0.0 U7DYB
2F	B7	G90X120	251.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
2F	B7	G90X120	300.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
2F	B7	G90X120	349.00	11.2	U5EXA	11.2	U5EXA	0.0 U7DYB
2F	B7	G90X120	398.00	11.3	U7EXA	16.8	U5EXA	0.0 U7DYB
2F	B7	G90X120	447.00	19.9	U7EXA	21.5	U5EXA	0.0 U7DYB
2F	B7	G90X120	496.00	29.4	U7EXA	25.1	U5EXA	0.0 U7DYB
2F	B7	G90X120	545.00	34.1	U7DXA	28.6	U7EXA	0.0 U7DYB
2F	B8	G90X120	55.00	34.4	U5EXA	26.3	U7EXA	0.0 U7DYB
2F	B8	G90X120	104.00	33.4	U5EXA	23.2	U7EXA	0.0 U7DYB
2F	B8	G90X120	153.00	22.2	U5EXA	19.4	U7EXA	0.0 U7DYB
2F	B8	G90X120	202.00	12.3	U7EXA	14.8	U5EXA	0.0 U7DYB
2F	B8	G90X120	251.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
2F	B8	G90X120	300.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
2F	B8	G90X120	349.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
2F	B8	G90X120	398.00	11.4	U7EXA	16.9	U5EXA	0.0 U7DYB
2F	B8	G90X120	447.00	20.0	U7EXA	21.6	U5EXA	0.0 U7DYB
2F	B8	G90X120	496.00	29.5	U7EXA	25.2	U5EXA	0.0 U7DYB
2F	B8	G90X120	545.00	34.1	U7DXA	28.7	U7EXA	0.0 U7DYB
2F	B9	G90X120	55.00	34.6	U5EXA	26.4	U7EXA	0.0 U7DYB
2F	B9	G90X120	104.00	33.6	U5EXA	23.4	U7EXA	0.0 U7DYB
2F	B9	G90X120	153.00	22.3	U5EXA	19.5	U7EXA	0.0 U7DYB
2F	B9	G90X120	202.00	12.3	U7EXA	14.9	U5EXA	0.0 U7DYB
2F	B9	G90X120	251.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
2F	B9	G90X120	300.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
2F	B9	G90X120	349.00	11.3	U5EXA	11.3	U5EXA	0.0 U7DYB
2F	B9	G90X120	398.00	11.4	U7EXA	17.0	U5EXA	0.0 U7DYB
2F	B9	G90X120	447.00	20.1	U7EXA	21.7	U5EXA	0.0 U7DYB
2F	B9	G90X120	496.00	29.6	U7EXA	25.4	U5EXA	0.0 U7DYB
2F	B9	G90X120	545.00	34.1	U7DXA	28.9	U7EXA	0.0 U7DYB
2F	B10	G90X120	55.00	34.8	U5EXA	26.8	U7EXA	0.0 U7DYB
2F	B10	G90X120	104.00	33.8	U5EXA	23.6	U7EXA	0.0 U7DYB
2F	B10	G90X120	153.00	22.5	U5EXA	19.7	U7EXA	0.0 U7DYB
2F	B10	G90X120	202.00	12.4	U7EXA	15.0	U5EXA	0.0 U7DYB
2F	B10	G90X120	251.00	11.4	U5EXA	11.4	U5EXA	0.0 U7DYB
2F	B10	G90X120	300.00	11.4	U5EXA	11.4	U5EXA	0.0 U7DYB
2F	B10	G90X120	349.00	11.4	U5EXA	11.4	U5EXA	0.0 U7DYB
2F	B10	G90X120	398.00	11.6	U7EXA	17.1	U5EXA	0.0 U7DYB
2F	B10	G90X120	447.00	20.3	U7EXA	21.9	U5EXA	0.0 U7DYB
2F	B10	G90X120	496.00	29.9	U7EXA	25.6	U5EXA	0.0 U7DYB
2F	B10	G90X120	545.00	34.1	U7DXA	29.2	U7EXA	0.0 U7DYB
2F	B11	G90X120	55.00	35.0	U5EXA	27.3	U7EXA	0.0 U7DYB
2F	B11	G90X120	104.00	34.1	U5EXA	24.1	U7EXA	0.0 U7DYB
2F	B11	G90X120	153.00	22.7	U5EXA	20.2	U7EXA	0.0 U7DYB
2F	B11	G90X120	202.00	12.6	U7EXA	15.5	U5EXA	0.0 U7DYB
2F	B11	G90X120	251.00	11.4	U5EXA	11.4	U5EXA	0.0 U7DYB
2F	B11	G90X120	300.00	11.4	U5EXA	11.4	U5EXA	0.0 U7DYB

2F	B11	G90X120	349.00	11.4	U5EXA	11.4	U5EXA	0.0 U7DYB
2F	B11	G90X120	398.00	11.4	U5EXA	17.1	U5EXA	0.0 U7DYB
2F	B11	G90X120	447.00	20.1	U7EXA	21.9	U5EXA	0.0 U7DYB
2F	B11	G90X120	496.00	29.7	U7EXA	25.7	U5EXA	0.0 U7DYB
2F	B11	G90X120	545.00	34.1	U7DXA	29.3	U7EXA	0.0 U7DYB
2F	B12	G90X120	55.00	35.4	U5EXA	30.4	U7EXA	0.0 U7DYB
2F	B12	G90X120	105.00	32.8	U5EXA	24.2	U7EXA	0.0 U7DYB
2F	B12	G90X120	155.00	19.7	U5EXA	17.1	U7EXA	0.0 U7DYB
2F	B12	G90X120	205.00	11.6	U5EXA	11.6	U5EXA	0.0 U7DYB
2F	B12	G90X120	255.00	11.6	U5EXA	11.6	U5EXA	0.0 U7DYB
2F	B12	G90X120	305.00	11.6	U5EXA	12.1	U5EXA	0.0 U7DYB
2F	B12	G90X120	355.00	19.1	U7EXA	20.6	U5EXA	0.0 U7DYB
2F	B12	G90X120	405.00	30.4	U7EXA	28.0	U5EXA	0.0 U7DYB
2F	B12	G90X120	455.00	34.1	U7DXA	34.1	U7EXA	0.0 U7DYB
2F	B13	G90X120	55.00	36.8	U5EXA	24.2	U5EXA	0.0 U7DYB
2F	B13	G90X120	103.33	34.1	U5DXA	14.4	U7EXA	0.0 U7DYB
2F	B13	G90X120	151.67	27.0	U5EXA	14.2	U7EXA	0.0 U7DYB
2F	B13	G90X120	200.00	17.6	U5EXA	13.3	U7EXA	0.0 U7DYB
2F	B13	G90X120	248.33	12.0	U5EXA	12.0	U5EXA	0.0 U7DYB
2F	B13	G90X120	296.67	12.0	U5EXA	12.0	U5EXA	0.0 U7DYB
2F	B13	G90X120	345.00	12.0	U5EXA	12.0	U5EXA	0.0 U7DYB
2F	B13	G90X120	393.33	12.0	U5EXA	12.0	U5EXA	0.0 U7DYB
2F	B13	G90X120	441.67	12.0	U5EXA	12.8	U5EXA	0.0 U7DYB
2F	B13	G90X120	490.00	12.0	U5EXA	15.9	U5EXA	0.0 U7DYB
2F	B13	G90X120	538.33	15.2	U7EXA	17.9	U5EXA	0.0 U7DYB
2F	B13	G90X120	586.67	22.4	U7EXA	18.8	U5EXA	0.0 U7DYB
2F	B13	G90X120	635.00	31.3	U5EXA	19.6	U7EXA	0.0 U7DYB
2F	B14	G90X120	55.00	34.1	U7DXA	20.7	U5EXA	49.3 U7DYA
2F	B14	G90X120	104.38	30.9	U5EXA	10.3	U5EXA	49.3 U7DYA
2F	B14	G90X120	153.75	21.1	U5EXA	10.3	U5EXA	49.3 U7DYA
2F	B14	G90X120	203.13	12.5	U5EXA	10.3	U5EXA	49.3 U7DYA
2F	B14	G90X120	252.50	10.3	U5EXA	11.8	U5EXA	49.3 U7DYA
2F	B14	G90X120	301.88	10.3	U5EXA	13.5	U5EXA	49.3 U7DYA
2F	B14	G90X120	351.25	10.3	U5EXA	14.1	U5EXA	49.3 U7DYA
2F	B14	G90X120	400.63	10.3	U5EXA	13.7	U5EXA	49.3 U7DYA
2F	B14	G90X120	450.00	10.3	U5EXA	14.1	U5DXA	49.3 U7DYA
2F	B14	G90X120	499.38	10.3	U5EXA	16.2	U5EXA	49.3 U7DYA
2F	B14	G90X120	548.75	10.3	U5EXA	17.2	U5EXA	49.3 U7DYA
2F	B14	G90X120	598.13	10.3	U5EXA	17.2	U5EXA	49.3 U7DYA
2F	B14	G90X120	647.50	10.3	U5EXA	16.1	U5EXA	49.3 U7DYA
2F	B14	G90X120	696.88	11.5	U7EXA	13.9	U5EXA	49.3 U7DYA
2F	B14	G90X120	746.25	19.5	U5EXA	12.1	U7EXA	49.3 U7DYA
2F	B14	G90X120	795.63	28.7	U5EXA	10.3	U5EXA	49.3 U7DYA
2F	B14	G90X120	845.00	34.1	U5DXA	19.4	U5EXA	49.3 U7DYA
2F	B15	G60X80	55.00	15.8	U5EXA	10.4	U5EXA	0.0 U7DYB
2F	B15	G60X80	102.50	13.6	U5EXA	7.9	U5EXA	0.0 U7DYB
2F	B15	G60X80	150.00	7.9	U5EXA	7.9	U5EXA	0.0 U7DYB
2F	B15	G60X80	197.50	7.9	U5EXA	8.6	U5EXA	0.0 U7DYB
2F	B15	G60X80	245.00	7.9	U5EXA	8.9	U5EXA	0.0 U7DYB
2F	B15	G60X80	292.50	7.9	U5EXA	8.0	U5EXA	0.0 U7DYB
2F	B15	G60X80	340.00	7.9	U5EXA	7.9	U5EXA	0.0 U7DYB
2F	B15	G60X80	387.50	7.9	U5EXA	7.9	U5EXA	0.0 U7DYB
2F	B15	G60X80	435.00	7.9	U5EXA	7.9	U5EXA	0.0 U7DYB
2F	B15	G60X80	482.50	8.1	U5EXA	7.9	U5EXA	0.0 U7DYB
2F	B15	G60X80	530.00	15.2	U5EXA	7.9	U5EXA	0.0 U7DYB
2F	B15	G60X80	577.50	17.5	U5EXA	7.9	U5EXA	0.0 U7DYB
2F	B15	G60X80	625.00	24.5	U5EXA	15.5	U5DXA	0.0 U7DYB
2F	B16	G60X80	45.00	29.9	U5EXA	15.5	U5DYA	0.0 U7DYB
2F	B16	G60X80	94.38	21.2	U5EXA	9.6	U5EXA	0.0 U7DYB
2F	B16	G60X80	143.75	15.5	U5DXA	9.6	U5EXA	0.0 U7DYB

2F	B16	G60X80	193.13	9.6	U5EXA	9.6 U5EXA	0.0	U7DYB
2F	B16	G60X80	242.50	9.6	U5EXA	9.6 U5EXA	0.0	U7DYB
2F	B16	G60X80	291.88	9.6	U5EXA	12.3 U5EXA	0.0	U7DYB
2F	B16	G60X80	341.25	9.6	U5EXA	14.6 U5EXA	0.0	U7DYB
2F	B16	G60X80	390.63	9.6	U5EXA	15.5 U5DXA	0.0	U7DYB
2F	B16	G60X80	440.00	9.6	U5EXA	15.5 U5DYB	0.0	U7DYB
2F	B16	G60X80	489.38	9.6	U5EXA	15.5 U5DYB	0.0	U7DYB
2F	B16	G60X80	538.75	9.6	U5EXA	15.5 U5DXA	0.0	U7DYB
2F	B16	G60X80	588.13	9.6	U5EXA	14.3 U5EXA	0.0	U7DYB
2F	B16	G60X80	637.50	9.6	U5EXA	11.1 U5EXA	0.0	U7DYB
2F	B16	G60X80	686.88	9.6	U5EXA	9.6 U5EXA	0.0	U7DYB
2F	B16	G60X80	736.25	15.5	U5EXA	9.6 U5EXA	0.0	U7DYB
2F	B16	G60X80	785.63	18.9	U5EXA	9.6 U5EXA	0.0	U7DYB
2F	B16	G60X80	835.00	27.1	U5EXA	15.5 U5DXA	0.0	U7DYB
2F	B17	G90X120	60.00	73.8	U5EYA	35.8 U5EYA	49.3	U5DYB
2F	B17	G90X120	106.38	59.6	U5EYA	30.4 U7EYA	49.3	U5DYB
2F	B17	G90X120	152.75	46.7	U5EYA	33.2 U7EYA	49.3	U5DYB
2F	B17	G90X120	199.13	34.9	U5EYA	34.1 U7EYA	49.3	U5DYB
2F	B17	G90X120	245.50	33.6	U7EYA	34.1 U7EYA	49.3	U5DYB
2F	B17	G90X120	291.88	23.8	U7EYA	34.1 U5DYA	49.3	U5DYB
2F	B17	G90X120	338.25	23.6	U5EYA	34.1 U5DYA	49.3	U5DYB
2F	B17	G90X120	384.63	23.6	U5EYA	34.1 U5DYA	49.3	U5DYB
2F	B17	G90X120	431.00	23.6	U5EYA	34.1 U5DYA	49.3	U5DYB
2F	B17	G90X120	477.38	23.6	U5EYA	34.1 U5DYA	49.3	U5DYB
2F	B17	G90X120	523.75	23.6	U5EYA	34.1 U5DYA	49.3	U5DYB
2F	B17	G90X120	523.75	23.6	U5EYA	34.1 U5DYA	49.3	U5DYB
2F	B17	G90X120	569.38	23.6	U5EYA	28.3 U5EYA	49.3	U5DYB
2F	B17	G90X120	615.00	23.6	U5EYA	27.1 U5EYA	49.3	U5DYB
2F	B17	G90X120	660.63	23.6	U5EYA	27.0 U5EYA	49.3	U5DYB
2F	B17	G90X120	706.25	23.6	U5EYA	25.8 U5EYA	49.3	U5DYB
2F	B17	G90X120	751.88	23.6	U5EYA	23.6 U5EYA	49.3	U5DYB
2F	B17	G90X120	797.50	24.5	U5EYA	23.6 U5EYA	49.3	U5DYB
2F	B17	G90X120	843.13	34.1	U5DYA	23.6 U5EYA	49.3	U5DYB
2F	B17	G90X120	888.75	41.2	U5EYA	23.6 U5EYA	49.3	U5DYB
2F	B17	G90X120	934.38	54.3	U5EYA	23.6 U5EYA	49.3	U5DYB
2F	B17	G90X120	980.00	68.6	U5EYA	34.1 U5DYA	49.3	U5DYB
2F	B18	G70X90	45.00	82.3	U5EYA	38.7 U5EYA	28.9	U7DYA
2F	B18	G70X90	92.88	64.3	U5EYA	20.8 U5EYA	28.9	U7DYA
2F	B18	G70X90	140.75	47.8	U5EYA	20.8 U5EYA	28.9	U7DYA
2F	B18	G70X90	188.63	32.8	U5EYA	20.8 U5EYA	28.9	U7DYA
2F	B18	G70X90	236.50	20.8	U5EYA	20.8 U5EYA	28.9	U7DYA
2F	B18	G70X90	284.38	20.8	U5EYA	23.8 U5EYA	28.9	U7DYA
2F	B18	G70X90	332.25	20.8	U5EYA	28.9 U5EYA	28.9	U7DYA
2F	B18	G70X90	380.13	20.8	U5EYA	33.3 U5EYA	28.9	U7DYA
2F	B18	G70X90	428.00	20.8	U5EYA	37.0 U5EYA	28.9	U7DYA
2F	B18	G70X90	475.88	20.8	U5EYA	40.2 U5EYA	28.9	U7DYA
2F	B18	G70X90	523.75	20.8	U5EYA	43.9 U5EXB	28.9	U7DYA
2F	B18	G70X90	523.75	20.8	U5EYA	44.5 U5EYB	28.9	U7DXB
2F	B18	G70X90	569.38	20.8	U5EYA	38.1 U5EYA	28.9	U7DXB
2F	B18	G70X90	615.00	20.8	U5EYA	33.0 U5EYA	28.9	U7DXB
2F	B18	G70X90	660.63	20.8	U5EYA	27.6 U5EYA	28.9	U7DXB
2F	B18	G70X90	706.25	20.8	U5EYA	21.7 U5EYA	28.9	U7DXB
2F	B18	G70X90	751.88	20.8	U5EYA	20.8 U5EYA	28.9	U7DXB
2F	B18	G70X90	797.50	26.6	U5EYA	20.8 U5EYA	28.9	U7DXB
2F	B18	G70X90	843.13	41.0	U5EYA	20.8 U5EYA	28.9	U7DXB
2F	B18	G70X90	888.75	56.7	U5EYA	20.8 U5EYA	28.9	U7DXB
2F	B18	G70X90	934.38	73.7	U5EYA	20.8 U5EYA	28.9	U7DXB
2F	B18	G70X90	980.00	92.3	U5EYA	43.0 U5EYA	28.9	U7DXB
2F	B19	G70X90	45.00	67.8	U5EYA	32.3 U5EYA	28.3	U7EYB
2F	B19	G70X90	92.88	53.2	U5EYA	19.1 U5DYA	28.3	U7EYB
2F	B19	G70X90	140.75	39.9	U5EYA	19.1 U5DYA	28.3	U7EYB
2F	B19	G70X90	188.63	28.0	U5EYA	19.1 U5DYA	28.3	U7EYB

2F	B19	G70X90	236.50	19.1	U7DYA	19.1	U7DYA	28.3 U7EYB
2F	B19	G70X90	284.38	19.1	U5DYA	22.0	U5EYA	28.3 U7EYB
2F	B19	G70X90	332.25	19.1	U5DYA	24.7	U5EYA	28.3 U7EYB
2F	B19	G70X90	380.13	19.1	U5DYA	26.5	U5EYA	28.3 U7EYB
2F	B19	G70X90	428.00	19.1	U5DYA	27.6	U5EYA	28.3 U7EYB
2F	B19	G70X90	475.88	19.1	U5DYA	27.9	U5EYA	28.3 U7EYB
2F	B19	G70X90	523.75	19.1	U5DYA	28.4	U5EXB	28.3 U7EYB
2F	B19	G70X90	523.75	19.1	U5DYA	28.3	U5EXB	28.0 U7EYB
2F	B19	G70X90	569.38	19.1	U5DYA	26.7	U5EYA	28.0 U7EYB
2F	B19	G70X90	615.00	19.1	U5DYA	25.1	U5EYA	28.0 U7EYB
2F	B19	G70X90	660.63	19.1	U5DYA	22.8	U5EYA	28.0 U7EYB
2F	B19	G70X90	706.25	19.1	U5DYA	19.9	U5EYA	28.0 U7EYB
2F	B19	G70X90	751.88	19.1	U5DYA	19.1	U5DYA	28.0 U7EYB
2F	B19	G70X90	797.50	21.9	U5EYA	19.1	U5DYA	28.0 U7EYB
2F	B19	G70X90	843.13	33.2	U5EYA	19.1	U5DYA	28.0 U7EYB
2F	B19	G70X90	888.75	45.7	U5EYA	19.1	U5DYA	28.0 U7EYB
2F	B19	G70X90	934.38	59.5	U5EYA	19.1	U5DYA	28.0 U7EYB
2F	B19	G70X90	980.00	74.6	U5EYA	35.3	U5EYA	28.0 U7EYB
2F	B20	B60X80	0.00	15.5	U5DXA	8.0	U5EXA	0.0 U7DYB
2F	B20	B60X80	47.86	10.4	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B20	B60X80	95.71	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B20	B60X80	143.57	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B20	B60X80	191.43	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B20	B60X80	239.29	7.0	U5EXA	8.8	U5EXA	0.0 U7DYB
2F	B20	B60X80	287.14	7.0	U5EXA	9.5	U5EXA	0.0 U7DYB
2F	B20	B60X80	335.00	7.0	U5EXA	8.9	U5EXA	0.0 U7DYB
2F	B20	B60X80	382.86	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B20	B60X80	430.71	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B20	B60X80	478.57	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B20	B60X80	526.43	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B20	B60X80	574.29	13.4	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B20	B60X80	622.14	15.6	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B20	B60X80	670.00	21.5	U5EXA	14.1	U5EXA	0.0 U7DYB
2F	B21	B60X80	0.00	28.0	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B21	B60X80	43.12	19.7	U5EXA	9.0	U5EXA	0.0 U7DYB
2F	B21	B60X80	86.25	15.5	U5DXA	9.0	U5EXA	0.0 U7DYB
2F	B21	B60X80	129.38	9.0	U5EXA	9.0	U5EXA	0.0 U7DYB
2F	B21	B60X80	172.50	9.0	U5EXA	9.0	U5EXA	0.0 U7DYB
2F	B21	B60X80	172.50	9.0	U5EXA	9.0	U5EXA	0.0 U7DYB
2F	B21	B60X80	222.50	9.0	U5EXA	11.6	U5EXA	0.0 U7DYB
2F	B21	B60X80	272.50	9.0	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B21	B60X80	322.50	9.0	U5EXA	17.6	U5EYB	0.0 U7DYB
2F	B21	B60X80	372.50	9.0	U5EXA	21.0	U5EXB	0.0 U7DYB
2F	B21	B60X80	422.50	9.0	U5EXA	23.6	U5EXB	0.0 U7DYB
2F	B21	B60X80	422.50	9.0	U5EXA	23.6	U5EXB	0.0 U7DYB
2F	B21	B60X80	468.25	9.0	U5EXA	23.2	U5EXA	0.0 U7DYB
2F	B21	B60X80	514.00	9.0	U5EXA	22.2	U5EXA	0.0 U7DYB
2F	B21	B60X80	559.75	9.0	U5EXA	20.5	U5EXA	0.0 U7DYB
2F	B21	B60X80	605.50	9.0	U5EXA	17.9	U5EXA	0.0 U7DYB
2F	B21	B60X80	651.25	9.0	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B21	B60X80	697.00	9.0	U5EXA	13.9	U5EXA	0.0 U7DYB
2F	B21	B60X80	742.75	9.0	U5EXA	9.0	U5EXA	0.0 U7DYB
2F	B21	B60X80	788.50	9.0	U5EXA	9.0	U5EXA	0.0 U7DYB
2F	B21	B60X80	834.25	12.3	U5EXA	9.0	U5EXA	0.0 U7DYB
2F	B21	B60X80	880.00	15.8	U5EXA	10.4	U5EXA	0.0 U7DYB
2F	B22	B30X50	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
2F	B22	B30X50	45.57	0.0	U7DYB	3.7	U5DYB	0.0 U7DYB
2F	B22	B30X50	91.14	0.0	U7DYB	5.3	U5DYB	0.0 U7DYB
2F	B22	B30X50	136.70	0.0	U7DYB	7.3	U5DYB	0.0 U7DYB
2F	B22	B30X50	182.27	0.0	U7DYB	8.7	U5DYB	0.0 U7DYB
2F	B22	B30X50	227.84	0.0	U7DYB	9.4	U5DYB	0.0 U7DYB
2F	B22	B30X50	273.41	0.0	U7DYB	9.4	U5DYB	0.0 U7DYB

2F	B22	B30X50	318.98	0.0	U7DYB	8.7	U5DYB	0.0 U7DYB
2F	B22	B30X50	364.55	0.0	U7DYB	7.3	U5DYB	0.0 U7DYB
2F	B22	B30X50	410.11	0.0	U7DYB	5.3	U5DYB	0.0 U7DYB
2F	B22	B30X50	455.68	0.0	U7DYB	3.7	U5DYB	0.0 U7DYB
2F	B22	B30X50	501.25	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
2F	B23	B30X50	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
2F	B23	B30X50	45.57	0.0	U5DYB	4.6	U5DYB	0.0 U7DYB
2F	B23	B30X50	91.14	0.0	U5DYB	7.0	U5DYB	0.0 U7DYB
2F	B23	B30X50	136.70	0.0	U5DYB	9.9	U5DYB	0.0 U7DYB
2F	B23	B30X50	182.27	0.0	U5DYB	12.0	U5DYB	0.0 U7DYB
2F	B23	B30X50	227.84	0.0	U5DYB	13.2	U5DYB	0.0 U7DYB
2F	B23	B30X50	273.41	0.0	U5DYB	13.2	U5DYB	0.0 U7DYB
2F	B23	B30X50	318.98	0.0	U5DYB	12.0	U5DYB	0.0 U7DYB
2F	B23	B30X50	364.55	0.0	U5DYB	9.9	U5DYB	0.0 U7DYB
2F	B23	B30X50	410.11	0.0	U5DYB	7.0	U5DYB	0.0 U7DYB
2F	B23	B30X50	455.68	0.0	U5DYB	4.6	U5DYB	0.0 U7DYB
2F	B23	B30X50	501.25	0.0	U5DYB	0.0	U5DYB	0.0 U7DYB
2F	B24G100X150-C		60.00	146.5	U5EYA	70.2	U5EYA	0.0 U7DYB
2F	B24G100X150-C		109.49	129.0	U5EYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		158.97	112.6	U5EYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		208.46	97.3	U5EYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		257.95	82.9	U5EYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		307.44	69.4	U5EYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		356.92	56.8	U5EYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		406.41	48.5	U7DYA	48.5	U7DYA	0.0 U7DYB
2F	B24G100X150-C		455.90	48.5	U5DYA	48.5	U7DYA	0.0 U7DYB
2F	B24G100X150-C		505.38	48.5	U5DYA	49.0	U5EYA	0.0 U7DYB
2F	B24G100X150-C		554.87	48.5	U5DYA	51.8	U5EYA	0.0 U7DYB
2F	B24G100X150-C		604.36	48.5	U5DYA	53.9	U5EYA	0.0 U7DYB
2F	B24G100X150-C		653.85	48.5	U5DYA	55.3	U5EYA	0.0 U7DYB
2F	B24G100X150-C		703.33	48.5	U5DYA	56.1	U5EYA	0.0 U7DYB
2F	B24G100X150-C		752.82	48.5	U5DYA	56.1	U5EYA	0.0 U7DYB
2F	B24G100X150-C		802.31	48.5	U5DYA	55.5	U5EYA	0.0 U7DYB
2F	B24G100X150-C		851.79	48.5	U5DYA	54.3	U5EYA	0.0 U7DYB
2F	B24G100X150-C		901.28	48.5	U5DYA	52.3	U5EYA	0.0 U7DYB
2F	B24G100X150-C		950.77	48.5	U5DYA	49.7	U5EYA	0.0 U7DYB
2F	B24G100X150-C		1000.26	48.5	U5DYA	48.5	U5DYB	0.0 U7DYB
2F	B24G100X150-C		1049.74	48.5	U5DYA	48.5	U5DYB	0.0 U7DYB
2F	B24G100X150-C		1099.23	48.5	U5DYA	48.5	U5DYB	0.0 U7DYB
2F	B24G100X150-C		1148.72	48.5	U5DYA	48.5	U7DYA	0.0 U7DYB
2F	B24G100X150-C		1198.21	48.5	U5DYA	48.5	U7DYA	0.0 U7DYB
2F	B24G100X150-C		1247.69	48.5	U5DYA	48.6	U5EYA	0.0 U7DYB
2F	B24G100X150-C		1297.18	48.5	U5DYA	48.5	U7DYA	0.0 U7DYB
2F	B24G100X150-C		1346.67	48.5	U5DYA	48.5	U7DYA	0.0 U7DYB
2F	B24G100X150-C		1396.15	48.5	U5DYA	48.5	U7DYA	0.0 U7DYB
2F	B24G100X150-C		1445.64	48.5	U5DYA	48.5	U7DYA	0.0 U7DYB
2F	B24G100X150-C		1495.13	48.5	U5DYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		1544.62	48.5	U5DYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		1594.10	48.5	U7DYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		1643.59	55.0	U5EYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		1693.08	67.9	U5EYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		1742.56	81.7	U5EYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		1792.05	96.4	U5EYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		1841.54	112.1	U5EYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		1891.03	128.8	U5EYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		1940.51	146.6	U5EYA	48.5	U5DYA	0.0 U7DYB
2F	B24G100X150-C		1990.00	165.6	U5EYA	78.9	U5EYA	0.0 U7DYB
2F	B53	G60X80	45.00	13.7	U5EXA	10.5	U7EXA	22.2 U7EYA
2F	B53	G60X80	93.33	8.9	U5EXA	10.3	U7EXA	22.2 U7EYA
2F	B53	G60X80	141.67	8.9	U5EXA	11.0	U5EXA	22.2 U7EYA
2F	B53	G60X80	190.00	8.9	U5EXA	12.0	U5EXA	22.2 U7EYA
2F	B53	G60X80	238.33	8.9	U5EXA	11.9	U5EXA	22.2 U7EYA

2F	B53	G60X80	286.67	8.9	U5EXA	10.5 U5EXA	22.2	U7EYA
2F	B53	G60X80	335.00	8.9	U5EXA	8.9 U5EXA	22.2	U7EYA
2F	B53	G60X80	383.33	8.9	U5EXA	8.9 U5EXA	22.2	U7EYA
2F	B53	G60X80	431.67	8.9	U5EXA	8.9 U5EXA	22.2	U7EYA
2F	B53	G60X80	480.00	9.1	U5EXA	8.9 U5EXA	22.2	U7EYA
2F	B53	G60X80	528.33	15.5	U5DXA	8.9 U5EXA	22.2	U7EYA
2F	B53	G60X80	576.67	19.9	U5EXA	8.9 U5EXA	22.2	U7EYA
2F	B53	G60X80	625.00	27.5	U5EXA	15.5 U5DXA	22.2	U7EYA
2F	B54	G60X80	45.00	29.5	U5EXA	15.5 U5DXB	0.0	U7DYB
2F	B54	G60X80	87.50	21.9	U5EXA	9.5 U5EXA	0.0	U7DYB
2F	B54	G60X80	130.00	15.5	U5DXA	9.5 U5EXA	0.0	U7DYB
2F	B54	G60X80	172.50	11.0	U5EXA	9.5 U5EXA	0.0	U7DYB
2F	B54	G60X80	172.50	11.0	U5EXA	9.5 U5EXA	0.0	U7DYB
2F	B54	G60X80	222.50	9.5	U5EXA	9.5 U5EXA	0.0	U7DYB
2F	B54	G60X80	272.50	9.5	U5EXA	10.5 U5EXA	0.0	U7DYB
2F	B54	G60X80	322.50	9.5	U5EXA	13.4 U5EXA	0.0	U7DYB
2F	B54	G60X80	372.50	9.5	U5EXA	15.4 U5EXA	0.0	U7DYB
2F	B54	G60X80	422.50	9.5	U5EXA	15.5 U5DYB	0.0	U7DYB
2F	B54	G60X80	422.50	9.5	U5EXA	15.5 U5DYB	0.0	U7DYB
2F	B54	G60X80	470.36	9.5	U5EXA	15.5 U5DXB	0.0	U7DYB
2F	B54	G60X80	518.21	9.5	U5EXA	15.5 U5EXA	0.0	U7DYB
2F	B54	G60X80	566.07	9.5	U5EXA	14.0 U5EXA	0.0	U7DYB
2F	B54	G60X80	613.93	9.5	U5EXA	11.5 U5EXA	0.0	U7DYB
2F	B54	G60X80	661.79	9.5	U5EXA	9.5 U5EXA	0.0	U7DYB
2F	B54	G60X80	709.64	10.4	U5EXA	9.5 U5EXA	0.0	U7DYB
2F	B54	G60X80	757.50	15.5	U5DXA	9.5 U5EXA	0.0	U7DYB
2F	B54	G60X80	757.50	15.5	U5DXA	9.5 U5EXA	0.0	U7DYB
2F	B54	G60X80	796.25	19.2	U5EXA	9.5 U5EXA	0.0	U7DYB
2F	B54	G60X80	835.00	25.4	U5EXA	15.5 U5DXA	0.0	U7DYB
2F	B57	B30X50	0.00	0.0	U7DYB	0.0 U7DYB	0.0	U7DYB
2F	B57	B30X50	50.00	0.0	U5DYB	2.3 U5DYB	0.0	U7DYB
2F	B57	B30X50	100.00	0.0	U5DYB	4.2 U5DYB	0.0	U7DYB
2F	B57	B30X50	150.00	0.0	U5DYB	4.6 U5DYB	0.0	U7DYB
2F	B57	B30X50	200.00	0.0	U5DYB	4.6 U5DYB	0.0	U7DYB
2F	B57	B30X50	250.00	0.0	U5DYB	4.2 U5DYB	0.0	U7DYB
2F	B57	B30X50	300.00	0.0	U5DYB	2.3 U5DYB	0.0	U7DYB
2F	B57	B30X50	350.00	0.0	U5DYB	0.0 U5DYB	0.0	U7DYB
2F	B59	B40X60	0.00	0.0	U7DYB	0.0 U7DYB	0.0	U7DYB
2F	B59	B40X60	47.34	0.0	U5EYA	7.5 U5DYB	0.0	U7DYB
2F	B59	B40X60	94.69	0.0	U5EYA	11.3 U5DYB	0.0	U7DYB
2F	B59	B40X60	142.03	0.0	U5EYA	16.6 U5DYB	0.0	U7DYB
2F	B59	B40X60	189.38	0.0	U5EYA	21.3 U5DYB	0.0	U7DYB
2F	B59	B40X60	236.72	0.0	U5EYA	25.4 U5DYB	0.0	U7DYB
2F	B59	B40X60	284.06	0.0	U5EYA	28.7 U5DYB	0.0	U7DYB
2F	B59	B40X60	331.41	0.0	U5EYA	31.2 U5DYB	0.0	U7DYB
2F	B59	B40X60	378.75	0.0	U5EYA	32.9 U5DYB	0.0	U7DYB
2F	B59	B40X60	426.09	0.0	U5EYA	33.7 U5DYB	0.0	U7DYB
2F	B59	B40X60	473.44	0.0	U5EYA	33.5 U5DYB	0.0	U7DYB
2F	B59	B40X60	520.78	0.0	U5EYA	32.4 U5DYB	0.0	U7DYB
2F	B59	B40X60	568.13	0.0	U5EYA	30.5 U5DYB	0.0	U7DYB
2F	B59	B40X60	615.47	0.0	U5EYA	27.7 U5DYB	0.0	U7DYB
2F	B59	B40X60	662.81	0.0	U5EYA	24.2 U5DYB	0.0	U7DYB
2F	B59	B40X60	710.16	0.0	U5EYA	20.2 U5DYB	0.0	U7DYB
2F	B59	B40X60	757.50	0.0	U5EYA	15.9 U5DYB	0.0	U7DYB
2F	B59	B40X60	757.50	0.0	U5EYA	15.9 U5DYB	0.0	U7DYB
2F	B59	B40X60	798.33	0.0	U5EYA	10.7 U5DYB	0.0	U7DYB
2F	B59	B40X60	839.17	0.0	U5EYA	7.1 U5DYB	0.0	U7DYB
2F	B59	B40X60	880.00	0.0	U5EYA	0.0 U5EYA	0.0	U7DYB
2F	B61	G90X120	45.00	64.6	U5EYA	34.1 U5DYA	49.3	U5DYB
2F	B61	G90X120	93.00	50.5	U5EYA	25.3 U5EYA	49.3	U5DYB
2F	B61	G90X120	141.00	37.7	U5EYA	25.3 U5EYA	49.3	U5DYB

2F	B61	G90X120	189.00	34.1	U5EYA	25.3 U5EYA	49.3	U5DYB
2F	B61	G90X120	237.00	25.3	U5EYA	25.3 U5EYA	49.3	U5DYB
2F	B61	G90X120	285.00	25.3	U5EYA	25.3 U5EYA	49.3	U5DYB
2F	B61	G90X120	333.00	25.3	U5EYA	26.5 U5EYA	49.3	U5DYB
2F	B61	G90X120	381.00	25.3	U5EYA	27.0 U5EYA	49.3	U5DYB
2F	B61	G90X120	429.00	25.3	U5EYA	26.2 U5EYA	49.3	U5DYB
2F	B61	G90X120	477.00	25.3	U5EYA	27.1 U5EYA	49.3	U5DYB
2F	B61	G90X120	525.00	25.3	U5EYA	33.2 U5EYA	49.3	U5DYB
2F	B61	G90X120	525.00	25.3	U5EYA	33.6 U5EYA	49.3	U5DYB
2F	B61	G90X120	573.89	25.3	U5EYA	34.1 U5EYA	49.3	U5DYB
2F	B61	G90X120	622.78	25.3	U5EYA	34.1 U5EYA	49.3	U5DYB
2F	B61	G90X120	671.67	25.3	U5EYA	33.4 U5EYA	49.3	U5DYB
2F	B61	G90X120	720.56	25.3	U5EYA	30.7 U5EYA	49.3	U5DYB
2F	B61	G90X120	769.44	33.8	U5EYA	28.4 U7EYA	49.3	U5DYB
2F	B61	G90X120	818.33	36.9	U5EYA	26.7 U7EYA	49.3	U5DYB
2F	B61	G90X120	867.22	49.8	U5EYA	25.3 U5EYA	49.3	U5DYB
2F	B61	G90X120	916.11	64.0	U5EYA	25.3 U5EYA	49.3	U5DYB
2F	B61	G90X120	965.00	79.6	U5EYA	38.6 U5EYA	49.3	U5DYB
2F	B62	G70X90	45.00	89.0	U5EYA	41.6 U5EYA	28.9	U7DXA
2F	B62	G70X90	88.57	71.1	U5EYA	20.2 U5EYA	28.9	U7DXA
2F	B62	G70X90	132.14	54.5	U5EYA	20.2 U5EYA	28.9	U7DXA
2F	B62	G70X90	175.71	39.3	U5EYA	20.2 U5EYA	28.9	U7DXA
2F	B62	G70X90	219.29	25.3	U5EYA	20.2 U5EYA	28.9	U7DXA
2F	B62	G70X90	262.86	20.2	U5EYA	20.2 U5EYA	28.9	U7DXA
2F	B62	G70X90	306.43	20.2	U5EYA	23.6 U5EYA	28.9	U7DXA
2F	B62	G70X90	350.00	20.2	U5EYA	29.9 U5EYA	28.9	U7DXA
2F	B62	G70X90	350.00	20.2	U5EYA	29.9 U5EYA	28.9	U7DXA
2F	B62	G70X90	393.75	20.2	U5EYA	32.0 U5EYA	28.9	U7DXA
2F	B62	G70X90	437.50	20.2	U5EYA	33.7 U5EYA	28.9	U7DXA
2F	B62	G70X90	481.25	20.2	U5EYA	35.0 U5EYA	28.9	U7DXA
2F	B62	G70X90	525.00	20.2	U5EYA	39.2 U5EYA	28.9	U7DXA
2F	B62	G70X90	525.00	20.2	U5EYA	38.8 U5EYA	28.9	U7DXA
2F	B62	G70X90	570.50	20.2	U5EYA	34.8 U5EYA	28.9	U7DXA
2F	B62	G70X90	616.00	20.2	U5EYA	30.5 U5EYA	28.9	U7DXA
2F	B62	G70X90	661.50	20.2	U5EYA	25.9 U5EYA	28.9	U7DXA
2F	B62	G70X90	707.00	20.2	U5EYA	20.7 U5EYA	28.9	U7DXA
2F	B62	G70X90	752.50	20.2	U5EYA	20.2 U5EYA	28.9	U7DXA
2F	B62	G70X90	798.00	25.9	U5EYA	20.2 U5EYA	28.9	U7DXA
2F	B62	G70X90	843.50	39.4	U5EYA	20.2 U5EYA	28.9	U7DXA
2F	B62	G70X90	889.00	54.3	U5EYA	20.2 U5EYA	28.9	U7DXA
2F	B62	G70X90	934.50	70.6	U5EYA	20.2 U5EYA	28.9	U7DXA
2F	B62	G70X90	980.00	88.3	U5EYA	41.3 U5EYA	28.9	U7DXA
2F	B63	G70X90	45.00	74.4	U5EYA	35.2 U5EYA	28.9	U7DYB
2F	B63	G70X90	88.57	59.6	U5EYA	19.1 U5DYA	28.9	U7DYB
2F	B63	G70X90	132.14	46.0	U5EYA	19.1 U5DYA	28.9	U7DYB
2F	B63	G70X90	175.71	33.5	U5EYA	19.1 U5DYA	28.9	U7DYB
2F	B63	G70X90	219.29	22.0	U5EYA	19.1 U5DYA	28.9	U7DYB
2F	B63	G70X90	262.86	19.1	U5DYA	19.1 U5DYA	28.9	U7DYB
2F	B63	G70X90	306.43	19.1	U5DYA	22.3 U5EYA	28.9	U7DYB
2F	B63	G70X90	350.00	19.1	U5DYA	27.0 U5EYA	28.9	U7DYB
2F	B63	G70X90	350.00	19.1	U5DYA	27.0 U5EYA	28.9	U7DYB
2F	B63	G70X90	393.75	19.1	U5DYA	27.2 U5EYA	28.9	U7DYB
2F	B63	G70X90	437.50	19.1	U5DYA	26.8 U5EYA	28.9	U7DYB
2F	B63	G70X90	481.25	19.1	U5DYA	25.9 U5EYA	28.9	U7DYB
2F	B63	G70X90	525.00	19.1	U5DYA	26.1 U5EYA	28.9	U7DYB
2F	B63	G70X90	525.00	19.1	U5DYA	26.1 U5EYA	28.9	U7DYB
2F	B63	G70X90	570.50	19.1	U5DYA	25.1 U5EYA	28.9	U7DYB
2F	B63	G70X90	616.00	19.1	U5DYA	23.5 U5EYA	28.9	U7DYB
2F	B63	G70X90	661.50	19.1	U5DYA	21.3 U5EYA	28.9	U7DYB
2F	B63	G70X90	707.00	19.1	U5DYA	19.1 U5DYA	28.9	U7DYB
2F	B63	G70X90	752.50	19.1	U5DYA	19.1 U5DYA	28.9	U7DYB
2F	B63	G70X90	798.00	22.4	U5EYA	19.1 U5DYA	28.9	U7DYB
2F	B63	G70X90	843.50	33.3	U5EYA	19.1 U5DYA	28.9	U7DYB

2F	B63	G70X90	889.00	45.3	U5EYA	19.1	U5DYA	28.9 U7DYB
2F	B63	G70X90	934.50	58.6	U5EYA	19.1	U5DYA	28.9 U7DYB
2F	B63	G70X90	980.00	73.1	U5EYA	34.6	U5EYA	28.9 U7DYB
2F	B64	B60X80	0.00	15.5	U5DXA	8.3	U5EXA	0.0 U7DYB
2F	B64	B60X80	47.86	10.5	U5EXA	5.7	U5EXA	0.0 U7DYB
2F	B64	B60X80	95.71	5.7	U5EXA	5.7	U5EXA	0.0 U7DYB
2F	B64	B60X80	143.57	5.7	U5EXA	5.7	U5EXA	0.0 U7DYB
2F	B64	B60X80	191.43	5.7	U5EXA	7.9	U5EXA	0.0 U7DYB
2F	B64	B60X80	239.29	5.7	U5EXA	10.3	U5EXA	0.0 U7DYB
2F	B64	B60X80	287.14	5.7	U5EXA	11.5	U5EXA	0.0 U7DYB
2F	B64	B60X80	335.00	5.7	U5EXA	11.3	U5EXA	0.0 U7DYB
2F	B64	B60X80	382.86	5.7	U5EXA	9.7	U5EXA	0.0 U7DYB
2F	B64	B60X80	430.71	5.7	U5EXA	6.9	U5EYA	0.0 U7DYB
2F	B64	B60X80	478.57	5.7	U5EXA	5.7	U5EXA	0.0 U7DYB
2F	B64	B60X80	526.43	5.7	U5EXA	5.7	U5EXA	0.0 U7DYB
2F	B64	B60X80	574.29	9.1	U5EXA	5.7	U5EXA	0.0 U7DYB
2F	B64	B60X80	622.14	15.5	U5DXA	5.7	U5EXA	0.0 U7DYB
2F	B64	B60X80	670.00	17.5	U5EXA	11.5	U5EXA	0.0 U7DYB
2F	B65	B60X80	0.00	20.4	U5EXA	13.4	U5EXA	0.0 U7DYB
2F	B65	B60X80	48.89	15.5	U5DYB	6.6	U5EXA	0.0 U7DYB
2F	B65	B60X80	97.78	10.9	U5EXA	6.6	U5EXA	0.0 U7DYB
2F	B65	B60X80	146.67	6.6	U5EXA	6.6	U5EXA	0.0 U7DYB
2F	B65	B60X80	195.56	6.6	U5EXA	6.6	U5EXA	0.0 U7DYB
2F	B65	B60X80	244.44	6.6	U5EXA	8.9	U5EXA	0.0 U7DYB
2F	B65	B60X80	293.33	6.6	U5EXA	12.9	U5EYA	0.0 U7DYB
2F	B65	B60X80	342.22	6.6	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B65	B60X80	391.11	6.6	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B65	B60X80	440.00	6.6	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B65	B60X80	488.89	6.6	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B65	B60X80	537.78	6.6	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B65	B60X80	586.67	6.6	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B65	B60X80	635.56	6.6	U5EXA	15.5	U5DXA	0.0 U7DYB
2F	B65	B60X80	684.44	6.6	U5EXA	12.2	U5EXA	0.0 U7DYB
2F	B65	B60X80	733.33	6.6	U5EXA	7.8	U5EXA	0.0 U7DYB
2F	B65	B60X80	782.22	6.6	U5EXA	6.6	U5EXA	0.0 U7DYB
2F	B65	B60X80	831.11	7.9	U5EXA	6.6	U5EXA	0.0 U7DYB
2F	B65	B60X80	880.00	14.7	U5EXA	7.3	U5EXA	0.0 U7DYB
2F	B80	G60X80	55.00	15.5	U5DXA	9.7	U5EXA	0.0 U7DYB
2F	B80	G60X80	102.50	11.8	U5EXA	9.2	U5EXA	0.0 U7DYB
2F	B80	G60X80	150.00	9.2	U5EXA	9.7	U5EXA	0.0 U7DYB
2F	B80	G60X80	197.50	9.2	U5EXA	11.6	U5EXA	0.0 U7DYB
2F	B80	G60X80	245.00	9.2	U5EXA	12.2	U5EXA	0.0 U7DYB
2F	B80	G60X80	292.50	9.2	U5EXA	11.2	U5EXA	0.0 U7DYB
2F	B80	G60X80	340.00	9.2	U5EXA	9.2	U5EXA	0.0 U7DYB
2F	B80	G60X80	387.50	9.2	U5EXA	9.2	U5EXA	0.0 U7DYB
2F	B80	G60X80	435.00	9.2	U5EXA	9.2	U5EXA	0.0 U7DYB
2F	B80	G60X80	482.50	9.2	U5EXA	9.2	U5EXA	0.0 U7DYB
2F	B80	G60X80	530.00	15.5	U5DXA	9.2	U5EXA	0.0 U7DYB
2F	B80	G60X80	577.50	20.2	U5EXA	9.2	U5EXA	0.0 U7DYB
2F	B80	G60X80	625.00	28.6	U5EXA	15.5	U5DXA	0.0 U7DYB
2F	B81	G60X80	45.00	29.6	U5EXA	15.5	U5DXB	0.0 U7DYB
2F	B81	G60X80	92.88	21.4	U5EXA	9.5	U5EXA	0.0 U7DYB
2F	B81	G60X80	140.77	15.5	U5DXA	9.5	U5EXA	0.0 U7DYB
2F	B81	G60X80	188.65	9.6	U5EXA	9.5	U5EXA	0.0 U7DYB
2F	B81	G60X80	236.54	9.5	U5EXA	9.5	U5EXA	0.0 U7DYB
2F	B81	G60X80	284.42	9.5	U5EXA	11.8	U5EXA	0.0 U7DYB
2F	B81	G60X80	332.31	9.5	U5EXA	14.5	U5EXA	0.0 U7DYB
2F	B81	G60X80	380.19	9.5	U5EXA	15.5	U5DXA	0.0 U7DYB
2F	B81	G60X80	428.08	9.5	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B81	G60X80	475.96	9.5	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B81	G60X80	523.85	9.5	U5EXA	15.5	U5DXA	0.0 U7DYB

2F	B81	G60X80	571.73	9.5	U5EXA	15.4	U5EXA	0.0 U7DYB
2F	B81	G60X80	619.62	9.5	U5EXA	13.1	U5EXA	0.0 U7DYB
2F	B81	G60X80	667.50	9.5	U5EXA	10.0	U5EXA	0.0 U7DYB
2F	B81	G60X80	667.50	9.5	U5EXA	10.0	U5EXA	0.0 U7DYB
2F	B81	G60X80	709.38	9.7	U5EXA	9.5	U5EXA	0.0 U7DYB
2F	B81	G60X80	751.25	15.5	U5DXA	9.5	U5EXA	0.0 U7DYB
2F	B81	G60X80	793.13	20.7	U5EXA	9.5	U5EXA	0.0 U7DYB
2F	B81	G60X80	835.00	28.2	U5EXA	15.5	U5DXA	0.0 U7DYB
2F	B82	B30X50	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
2F	B82	B30X50	45.80	0.0	U5DYB	4.6	U5DYB	0.0 U7DYB
2F	B82	B30X50	91.59	0.0	U5DYB	6.8	U5DYB	0.0 U7DYB
2F	B82	B30X50	137.39	0.0	U5DYB	9.6	U5DYB	0.0 U7DYB
2F	B82	B30X50	183.18	0.0	U5DYB	11.6	U5DYB	0.0 U7DYB
2F	B82	B30X50	228.98	0.0	U5DYB	12.7	U5DYB	0.0 U7DYB
2F	B82	B30X50	274.77	0.0	U5DYB	12.7	U5DYB	0.0 U7DYB
2F	B82	B30X50	320.57	0.0	U5DYB	11.6	U5DYB	0.0 U7DYB
2F	B82	B30X50	366.36	0.0	U5DYB	9.6	U5DYB	0.0 U7DYB
2F	B82	B30X50	412.16	0.0	U5DYB	6.8	U5DYB	0.0 U7DYB
2F	B82	B30X50	457.95	0.0	U5DYB	4.6	U5DYB	0.0 U7DYB
2F	B82	B30X50	503.75	0.0	U5DYB	0.0	U5DYB	0.0 U7DYB
2F	B83	B60X80	0.00	15.5	U5EXA	7.7	U5EXA	0.0 U7DYB
2F	B83	B60X80	47.86	9.8	U5EXA	6.9	U5EXA	0.0 U7DYB
2F	B83	B60X80	95.71	6.9	U5EXA	6.9	U5EXA	0.0 U7DYB
2F	B83	B60X80	143.57	6.9	U5EXA	6.9	U5EXA	0.0 U7DYB
2F	B83	B60X80	191.43	6.9	U5EXA	7.4	U5EXA	0.0 U7DYB
2F	B83	B60X80	239.29	6.9	U5EXA	9.5	U5EXA	0.0 U7DYB
2F	B83	B60X80	287.14	6.9	U5EXA	10.3	U5EXA	0.0 U7DYB
2F	B83	B60X80	335.00	6.9	U5EXA	9.7	U5EXA	0.0 U7DYB
2F	B83	B60X80	382.86	6.9	U5EXA	7.7	U5EXA	0.0 U7DYB
2F	B83	B60X80	430.71	6.9	U5EXA	6.9	U5EXA	0.0 U7DYB
2F	B83	B60X80	478.57	6.9	U5EXA	6.9	U5EXA	0.0 U7DYB
2F	B83	B60X80	526.43	6.9	U5EXA	6.9	U5EXA	0.0 U7DYB
2F	B83	B60X80	574.29	12.9	U5EXA	6.9	U5EXA	0.0 U7DYB
2F	B83	B60X80	622.14	15.5	U5DYB	6.9	U5EXA	0.0 U7DYB
2F	B83	B60X80	670.00	21.2	U5EXA	13.9	U5EXA	0.0 U7DYB
2F	B84	B60X80	0.00	27.0	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B84	B60X80	47.68	18.6	U5EXA	8.7	U5EXA	0.0 U7DYB
2F	B84	B60X80	95.36	14.4	U5EXA	8.7	U5EXA	0.0 U7DYB
2F	B84	B60X80	143.04	8.7	U5EXA	8.7	U5EXA	0.0 U7DYB
2F	B84	B60X80	190.71	8.7	U5EXA	8.7	U5EXA	0.0 U7DYB
2F	B84	B60X80	238.39	8.7	U5EXA	12.4	U5EXA	0.0 U7DYB
2F	B84	B60X80	286.07	8.7	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B84	B60X80	333.75	8.7	U5EXA	17.5	U5EYB	0.0 U7DYB
2F	B84	B60X80	381.43	8.7	U5EXA	20.2	U5EYB	0.0 U7DYB
2F	B84	B60X80	429.11	8.7	U5EXA	21.8	U5EXB	0.0 U7DYB
2F	B84	B60X80	476.79	8.7	U5EXA	22.3	U5EXA	0.0 U7DYB
2F	B84	B60X80	524.46	8.7	U5EXA	21.9	U5EXA	0.0 U7DYB
2F	B84	B60X80	572.14	8.7	U5EXA	20.6	U5EXA	0.0 U7DYB
2F	B84	B60X80	619.82	8.7	U5EXA	18.5	U5EXA	0.0 U7DYB
2F	B84	B60X80	667.50	8.7	U5EXA	15.8	U5EXA	0.0 U7DYB
2F	B84	B60X80	667.50	8.7	U5EXA	15.8	U5EXA	0.0 U7DYB
2F	B84	B60X80	710.00	8.7	U5EXA	14.5	U5EXA	0.0 U7DYB
2F	B84	B60X80	752.50	8.7	U5EXA	8.7	U5EXA	0.0 U7DYB
2F	B84	B60X80	795.00	8.7	U5EXA	8.7	U5EXA	0.0 U7DYB
2F	B84	B60X80	837.50	12.4	U5EXA	8.7	U5EXA	0.0 U7DYB
2F	B84	B60X80	880.00	15.8	U5EXA	10.4	U5EXA	0.0 U7DYB
2F	B85	G90X120	60.00	76.7	U5EYA	37.2	U5EYA	49.3 U5DYB
2F	B85	G90X120	109.31	61.3	U5EYA	24.5	U5EYA	49.3 U5DYB
2F	B85	G90X120	158.61	47.3	U5EYA	24.5	U7EYA	49.3 U5DYB
2F	B85	G90X120	207.92	34.6	U5EYA	27.4	U7EYA	49.3 U5DYB
2F	B85	G90X120	257.22	31.1	U5EYA	29.3	U7EYA	49.3 U5DYB

2F	B85	G90X120	306.53	24.5	U5EYA	33.2	U5EYA	49.3 U5DYB
2F	B85	G90X120	355.83	24.5	U5EYA	34.1	U5EYA	49.3 U5DYB
2F	B85	G90X120	405.14	24.5	U5EYA	34.1	U5DYA	49.3 U5DYB
2F	B85	G90X120	454.44	24.5	U5EYA	34.1	U5DYA	49.3 U5DYB
2F	B85	G90X120	503.75	24.5	U5EYA	34.1	U5DYA	49.3 U5DYB
2F	B85	G90X120	503.75	24.5	U5EYA	34.1	U5DYA	49.3 U5DYB
2F	B85	G90X120	549.32	24.5	U5EYA	30.0	U5EYA	49.3 U5DYB
2F	B85	G90X120	594.89	24.5	U5EYA	26.8	U5EYA	49.3 U5DYB
2F	B85	G90X120	640.45	24.5	U5EYA	27.6	U5EYA	49.3 U5DYB
2F	B85	G90X120	686.02	24.5	U5EYA	27.2	U5EYA	49.3 U5DYB
2F	B85	G90X120	731.59	24.5	U5EYA	25.6	U5EYA	49.3 U5DYB
2F	B85	G90X120	777.16	24.5	U5EYA	24.5	U5EYA	49.3 U5DYB
2F	B85	G90X120	822.73	25.9	U5EYA	24.5	U5EYA	49.3 U5DYB
2F	B85	G90X120	868.30	34.1	U5DYA	24.5	U5EYA	49.3 U5DYB
2F	B85	G90X120	913.86	41.4	U5EYA	24.5	U5EYA	49.3 U5DYB
2F	B85	G90X120	959.43	54.0	U5EYA	24.5	U5EYA	49.3 U5DYB
2F	B85	G90X120	1005.00	67.8	U5EYA	34.1	U5DYA	49.3 U5DYB
2F	B86	G70X90	45.00	87.8	U5EYA	41.0	U5EYA	28.9 U7DXA
2F	B86	G70X90	90.88	69.6	U5EYA	20.1	U5EYA	28.9 U7DXA
2F	B86	G70X90	136.75	52.9	U5EYA	20.1	U5EYA	28.9 U7DXA
2F	B86	G70X90	182.63	37.7	U5EYA	20.1	U5EYA	28.9 U7DXA
2F	B86	G70X90	228.50	23.8	U5EYA	20.1	U5EYA	28.9 U7DXA
2F	B86	G70X90	274.38	20.1	U5EYA	20.1	U5EYA	28.9 U7DXA
2F	B86	G70X90	320.25	20.1	U5EYA	23.4	U5EYA	28.9 U7DXA
2F	B86	G70X90	366.13	20.1	U5EYA	29.2	U5EYA	28.9 U7DXA
2F	B86	G70X90	412.00	20.1	U5EYA	34.5	U5EYA	28.9 U7DXA
2F	B86	G70X90	457.88	20.1	U5EYA	39.4	U5EYA	28.9 U7DXA
2F	B86	G70X90	503.75	20.1	U5EYA	44.0	U5EYA	28.9 U7DXA
2F	B86	G70X90	503.75	20.1	U5EYA	44.5	U5EYA	28.9 U7DXA
2F	B86	G70X90	549.32	20.1	U5EYA	37.1	U5EYA	28.9 U7DXA
2F	B86	G70X90	594.89	20.1	U5EYA	33.7	U5EYA	28.9 U7DXA
2F	B86	G70X90	640.45	20.1	U5EYA	29.8	U5EYA	28.9 U7DXA
2F	B86	G70X90	686.02	20.1	U5EYA	25.4	U5EYA	28.9 U7DXA
2F	B86	G70X90	731.59	20.1	U5EYA	20.4	U5EYA	28.9 U7DXA
2F	B86	G70X90	777.16	20.1	U5EYA	20.1	U5EYA	28.9 U7DXA
2F	B86	G70X90	822.73	25.7	U5EYA	20.1	U5EYA	28.9 U7DXA
2F	B86	G70X90	868.30	39.4	U5EYA	20.1	U5EYA	28.9 U7DXA
2F	B86	G70X90	913.86	54.4	U5EYA	20.1	U5EYA	28.9 U7DXA
2F	B86	G70X90	959.43	70.8	U5EYA	20.1	U5EYA	28.9 U7DXA
2F	B86	G70X90	1005.00	88.7	U5EYA	41.4	U5EYA	28.9 U7DXA
2F	B87	G70X90	45.00	70.6	U5EYA	33.5	U5EYA	28.1 U7EYA
2F	B87	G70X90	90.88	56.5	U5EYA	19.1	U5DYA	28.1 U7EYA
2F	B87	G70X90	136.75	43.6	U5EYA	19.1	U5DYA	28.1 U7EYA
2F	B87	G70X90	182.63	31.9	U5EYA	19.1	U5DYA	28.1 U7EYA
2F	B87	G70X90	228.50	21.2	U5EYA	19.1	U5DYA	28.1 U7EYA
2F	B87	G70X90	274.38	19.1	U5DYA	19.1	U5DYA	28.1 U7EYA
2F	B87	G70X90	320.25	19.1	U5DYA	19.9	U5EYA	28.1 U7EYA
2F	B87	G70X90	366.13	19.1	U5DYA	23.3	U5EYA	28.1 U7EYA
2F	B87	G70X90	412.00	19.1	U5DYA	26.1	U5EYA	28.1 U7EYA
2F	B87	G70X90	457.88	19.1	U5DYA	28.3	U5EYA	28.1 U7EYA
2F	B87	G70X90	503.75	19.1	U5DYA	30.0	U5EYA	28.1 U7EYA
2F	B87	G70X90	503.75	19.1	U5DYA	30.0	U5EYA	28.4 U7EYB
2F	B87	G70X90	549.32	19.1	U5DYA	27.0	U5EYA	28.4 U7EYB
2F	B87	G70X90	594.89	19.1	U5DYA	26.0	U5EYA	28.4 U7EYB
2F	B87	G70X90	640.45	19.1	U5DYA	24.4	U5EYA	28.4 U7EYB
2F	B87	G70X90	686.02	19.1	U5DYA	22.1	U5EYA	28.4 U7EYB
2F	B87	G70X90	731.59	19.1	U5DYA	19.1	U5DYA	28.4 U7EYB
2F	B87	G70X90	777.16	19.1	U5DYA	19.1	U5DYA	28.4 U7EYB
2F	B87	G70X90	822.73	21.7	U5EYA	19.1	U5DYA	28.4 U7EYB
2F	B87	G70X90	868.30	32.6	U5EYA	19.1	U5DYA	28.4 U7EYB
2F	B87	G70X90	913.86	44.7	U5EYA	19.1	U5DYA	28.4 U7EYB
2F	B87	G70X90	959.43	57.9	U5EYA	19.1	U5DYA	28.4 U7EYB
2F	B87	G70X90	1005.00	72.5	U5EYA	34.4	U5EYA	28.4 U7EYB

2F	B88G100X150-C	60.00	153.1	U5EYA	73.3	U5EYA	0.0 U7DYB
2F	B88G100X150-C	109.49	135.1	U5EYA	48.5	U5EYA	0.0 U7DYB
2F	B88G100X150-C	158.97	118.1	U5EYA	48.5	U5EYA	0.0 U7DYB
2F	B88G100X150-C	208.46	102.2	U5EYA	48.5	U5EYA	0.0 U7DYB
2F	B88G100X150-C	257.95	87.3	U5EYA	48.5	U5EYA	0.0 U7DYB
2F	B88G100X150-C	307.44	73.4	U5EYA	48.5	U5EYA	0.0 U7DYB
2F	B88G100X150-C	356.92	60.3	U5EYA	48.5	U5EYA	0.0 U7DYB
2F	B88G100X150-C	406.41	48.5	U7DYA	48.5	U5EYA	0.0 U7DYB
2F	B88G100X150-C	455.90	48.5	U7EYA	48.5	U7EYA	0.0 U7DYB
2F	B88G100X150-C	505.38	48.5	U5EYA	48.5	U7DYA	0.0 U7DYB
2F	B88G100X150-C	554.87	48.5	U5EYA	48.5	U7DYA	0.0 U7DYB
2F	B88G100X150-C	604.36	48.5	U5EYA	48.5	U7DYA	0.0 U7DYB
2F	B88G100X150-C	653.85	48.5	U5EYA	49.4	U5EYA	0.0 U7DYB
2F	B88G100X150-C	703.33	48.5	U5EYA	50.6	U5EYA	0.0 U7DYB
2F	B88G100X150-C	752.82	48.5	U5EYA	51.1	U5EYA	0.0 U7DYB
2F	B88G100X150-C	802.31	48.5	U5EYA	50.9	U5EYA	0.0 U7DYB
2F	B88G100X150-C	851.79	48.5	U5EYA	50.1	U5EYA	0.0 U7DYB
2F	B88G100X150-C	901.28	48.5	U5EYA	48.6	U5EYA	0.0 U7DYB
2F	B88G100X150-C	950.77	48.5	U5EYA	48.5	U5DYB	0.0 U7DYB
2F	B88G100X150-C	1000.26	48.5	U5EYA	48.5	U5DYB	0.0 U7DYB
2F	B88G100X150-C	1049.74	48.5	U5EYA	48.5	U5DYB	0.0 U7DYB
2F	B88G100X150-C	1099.23	48.5	U5EYA	48.6	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1148.72	48.5	U5EYA	50.7	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1198.21	48.5	U5EYA	52.1	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1247.69	48.5	U5EYA	52.7	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1297.18	48.5	U5EYA	52.8	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1346.67	48.5	U5EYA	52.1	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1396.15	48.5	U5EYA	50.8	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1445.64	48.5	U5EYA	48.8	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1495.13	48.5	U5EYA	48.5	U7DYA	0.0 U7DYB
2F	B88G100X150-C	1544.62	48.5	U5EYA	48.5	U7DYA	0.0 U7DYB
2F	B88G100X150-C	1594.10	48.5	U7DYA	48.5	U7DYA	0.0 U7DYB
2F	B88G100X150-C	1643.59	52.5	U5EYA	48.5	U7EYA	0.0 U7DYB
2F	B88G100X150-C	1693.08	64.9	U5EYA	48.5	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1742.56	78.2	U5EYA	48.5	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1792.05	92.4	U5EYA	48.5	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1841.54	107.5	U5EYA	48.5	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1891.03	123.7	U5EYA	48.5	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1940.51	140.9	U5EYA	48.5	U5EYA	0.0 U7DYB
2F	B88G100X150-C	1990.00	159.3	U5EYA	76.1	U5EYA	0.0 U7DYB

2F	B117 G60X80	45.00	12.1	U5EXA	11.0	U7EXA	22.2 U7EYA
2F	B117 G60X80	93.33	9.1	U5EXA	10.7	U7EXA	22.2 U7EYA
2F	B117 G60X80	141.67	9.1	U5EXA	11.7	U5EXA	22.2 U7EYA
2F	B117 G60X80	190.00	9.1	U5EXA	12.5	U5EXA	22.2 U7EYA
2F	B117 G60X80	238.33	9.1	U5EXA	12.1	U5EXA	22.2 U7EYA
2F	B117 G60X80	286.67	9.1	U5EXA	10.4	U5EXA	22.2 U7EYA
2F	B117 G60X80	335.00	9.1	U5EXA	9.1	U5EXA	22.2 U7EYA
2F	B117 G60X80	383.33	9.1	U5EXA	9.1	U5EXA	22.2 U7EYA
2F	B117 G60X80	431.67	9.1	U5EXA	9.1	U5EXA	22.2 U7EYA
2F	B117 G60X80	480.00	9.7	U5EXA	9.1	U5EXA	22.2 U7EYA
2F	B117 G60X80	528.33	15.5	U5DXA	9.1	U5EXA	22.2 U7EYA
2F	B117 G60X80	576.67	20.5	U5EXA	9.1	U5EXA	22.2 U7EYA
2F	B117 G60X80	625.00	28.2	U5EXA	15.5	U5DXA	22.2 U7EYA

2F	B118 G60X80	45.00	29.3	U5EXA	15.5	U5DXB	0.0 U7DYB
2F	B118 G60X80	94.38	20.9	U5EXA	9.4	U5EXA	0.0 U7DYB
2F	B118 G60X80	143.75	15.5	U5DXA	9.4	U5EXA	0.0 U7DYB
2F	B118 G60X80	193.13	9.4	U5EXA	9.4	U5EXA	0.0 U7DYB
2F	B118 G60X80	242.50	9.4	U5EXA	9.4	U5EXA	0.0 U7DYB
2F	B118 G60X80	291.88	9.4	U5EXA	12.6	U5EXA	0.0 U7DYB
2F	B118 G60X80	341.25	9.4	U5EXA	15.2	U5EXA	0.0 U7DYB
2F	B118 G60X80	390.63	9.4	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B118 G60X80	440.00	9.4	U5EXA	15.5	U5DYB	0.0 U7DYB

2F	B118	G60X80	489.38	9.4	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B118	G60X80	538.75	9.4	U5EXA	15.5	U5DXA	0.0 U7DYB
2F	B118	G60X80	588.13	9.4	U5EXA	14.2	U5EXA	0.0 U7DYB
2F	B118	G60X80	637.50	9.4	U5EXA	10.6	U5EXA	0.0 U7DYB
2F	B118	G60X80	686.88	9.4	U5EXA	9.4	U5EXA	0.0 U7DYB
2F	B118	G60X80	736.25	15.5	U5DXA	9.4	U5EXA	0.0 U7DYB
2F	B118	G60X80	785.63	19.3	U5EXA	9.4	U5EXA	0.0 U7DYB
2F	B118	G60X80	835.00	27.3	U5EXA	15.5	U5DXA	0.0 U7DYB
2F	B119	B60X80	0.00	13.4	U5EXA	6.6	U5EXA	0.0 U7DYB
2F	B119	B60X80	47.86	7.9	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B119	B60X80	95.71	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B119	B60X80	143.57	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B119	B60X80	191.43	7.0	U5EXA	8.3	U5EXA	0.0 U7DYB
2F	B119	B60X80	239.29	7.0	U5EXA	10.1	U5EXA	0.0 U7DYB
2F	B119	B60X80	287.14	7.0	U5EXA	10.6	U5EXA	0.0 U7DYB
2F	B119	B60X80	335.00	7.0	U5EXA	9.8	U5EXA	0.0 U7DYB
2F	B119	B60X80	382.86	7.0	U5EXA	7.6	U5EXA	0.0 U7DYB
2F	B119	B60X80	430.71	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B119	B60X80	478.57	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B119	B60X80	526.43	7.0	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B119	B60X80	574.29	13.2	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B119	B60X80	622.14	15.5	U5EXA	7.0	U5EXA	0.0 U7DYB
2F	B119	B60X80	670.00	21.6	U5EXA	14.1	U5EXA	0.0 U7DYB
2F	B120	B60X80	0.00	25.8	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B120	B60X80	44.38	18.6	U5EXA	8.3	U5EXA	0.0 U7DYB
2F	B120	B60X80	88.75	15.5	U5DXA	8.3	U5EXA	0.0 U7DYB
2F	B120	B60X80	133.13	8.3	U5EXA	8.3	U5EXA	0.0 U7DYB
2F	B120	B60X80	177.50	8.3	U5EXA	8.3	U5EXA	0.0 U7DYB
2F	B120	B60X80	221.88	8.3	U5EXA	8.3	U5EXA	0.0 U7DYB
2F	B120	B60X80	266.25	8.3	U5EXA	13.9	U5EXA	0.0 U7DYB
2F	B120	B60X80	310.63	8.3	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B120	B60X80	355.00	8.3	U5EXA	17.6	U5EYB	0.0 U7DYB
2F	B120	B60X80	355.00	8.3	U5EXA	17.6	U5EYB	0.0 U7DYB
2F	B120	B60X80	402.73	8.3	U5EXA	18.4	U5EXB	0.0 U7DYB
2F	B120	B60X80	450.45	8.3	U5EXA	18.6	U5EXA	0.0 U7DYB
2F	B120	B60X80	498.18	8.3	U5EXA	18.3	U5EXA	0.0 U7DYB
2F	B120	B60X80	545.91	8.3	U5EXA	17.1	U5EXA	0.0 U7DYB
2F	B120	B60X80	593.64	8.3	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B120	B60X80	641.36	8.3	U5EXA	15.5	U5DYB	0.0 U7DYB
2F	B120	B60X80	689.09	8.3	U5EXA	12.5	U5EXA	0.0 U7DYB
2F	B120	B60X80	736.82	8.3	U5EXA	8.3	U5EXA	0.0 U7DYB
2F	B120	B60X80	784.55	8.3	U5EXA	8.3	U5EXA	0.0 U7DYB
2F	B120	B60X80	832.27	10.1	U5EXA	8.3	U5EXA	0.0 U7DYB
2F	B120	B60X80	880.00	15.5	U5DYA	8.8	U5EXA	0.0 U7DYB
2F	B121	G90X120	45.00	64.5	U5EYA	34.1	U5DYA	49.3 U5DYA
2F	B121	G90X120	95.00	49.5	U5EYA	24.3	U5EYA	49.3 U5DYA
2F	B121	G90X120	145.00	35.8	U5EYA	24.3	U5EYA	49.3 U5DYA
2F	B121	G90X120	195.00	31.3	U5EYA	24.3	U5EYA	49.3 U5DYA
2F	B121	G90X120	245.00	24.3	U5EYA	24.3	U5EYA	49.3 U5DYA
2F	B121	G90X120	295.00	24.3	U5EYA	25.8	U5EYA	49.3 U5DYA
2F	B121	G90X120	345.00	24.3	U5EYA	26.8	U5EYA	49.3 U5DYA
2F	B121	G90X120	395.00	24.3	U5EYA	26.6	U5EYA	49.3 U5DYA
2F	B121	G90X120	445.00	24.3	U5EYA	27.7	U5EYA	49.3 U5DYA
2F	B121	G90X120	445.00	24.3	U5EYA	28.6	U5EYA	49.3 U5DYB
2F	B121	G90X120	494.50	24.3	U5EYA	33.1	U5EYA	49.3 U5DYB
2F	B121	G90X120	544.00	24.3	U5EYA	34.1	U5DYA	49.3 U5DYB
2F	B121	G90X120	593.50	24.3	U5EYA	34.1	U5DYA	49.3 U5DYB
2F	B121	G90X120	643.00	24.3	U5EYA	34.1	U5DYA	49.3 U5DYB
2F	B121	G90X120	692.50	24.3	U5EYA	34.1	U7EYA	49.3 U5DYB
2F	B121	G90X120	742.00	31.9	U7EYA	34.1	U7EYA	49.3 U5DYB
2F	B121	G90X120	791.50	34.7	U5EYA	34.1	U7EYA	49.3 U5DYB
2F	B121	G90X120	841.00	47.1	U5EYA	33.0	U7EYA	49.3 U5DYB

2F	B121	G90X120	890.50	60.9	U5EYA	30.5	U7EYA	49.3 U5DYB
2F	B121	G90X120	940.00	76.1	U5EYA	36.9	U5EYA	49.3 U5DYB
2F	B122	G70X90	45.00	86.3	U5EYA	40.4	U5EYA	28.9 U7DXA
2F	B122	G70X90	95.00	66.3	U5EYA	19.6	U5EYA	28.9 U7DXA
2F	B122	G70X90	145.00	48.1	U5EYA	19.6	U5EYA	28.9 U7DXA
2F	B122	G70X90	195.00	31.6	U5EYA	19.6	U5EYA	28.9 U7DXA
2F	B122	G70X90	245.00	19.6	U5EYA	19.6	U5EYA	28.9 U7DXA
2F	B122	G70X90	295.00	19.6	U5EYA	23.0	U5EYA	28.9 U7DXA
2F	B122	G70X90	345.00	19.6	U5EYA	28.3	U5EYA	28.9 U7DXA
2F	B122	G70X90	395.00	19.6	U5EYA	33.2	U5EYA	28.9 U7DXA
2F	B122	G70X90	445.00	19.6	U5EYA	37.7	U5EYA	28.9 U7DXA
2F	B122	G70X90	445.00	19.6	U5EYA	38.3	U5EYA	28.9 U7DXA
2F	B122	G70X90	494.50	19.6	U5EYA	31.5	U5EYA	28.9 U7DXA
2F	B122	G70X90	544.00	19.6	U5EYA	29.8	U5EYA	28.9 U7DXA
2F	B122	G70X90	593.50	19.6	U5EYA	27.7	U5EYA	28.9 U7DXA
2F	B122	G70X90	643.00	19.6	U5EYA	24.9	U5EYA	28.9 U7DXA
2F	B122	G70X90	692.50	19.6	U5EYA	21.5	U5EYA	28.9 U7DXA
2F	B122	G70X90	742.00	22.7	U5EYA	19.6	U5EYA	28.9 U7DXA
2F	B122	G70X90	791.50	35.9	U5EYA	19.6	U5EYA	28.9 U7DXA
2F	B122	G70X90	841.00	50.4	U5EYA	19.6	U5EYA	28.9 U7DXA
2F	B122	G70X90	890.50	66.4	U5EYA	19.6	U5EYA	28.9 U7DXA
2F	B122	G70X90	940.00	83.8	U5EYA	39.3	U5EYA	28.9 U7DXA
2F	B123	G70X90	45.00	69.7	U5EYA	33.1	U5EYA	28.2 U7EYA
2F	B123	G70X90	95.00	54.1	U5EYA	19.1	U5DYA	28.2 U7EYA
2F	B123	G70X90	145.00	40.1	U5EYA	19.1	U5DYA	28.2 U7EYA
2F	B123	G70X90	195.00	27.4	U5EYA	19.1	U5DYA	28.2 U7EYA
2F	B123	G70X90	245.00	19.1	U5DYA	19.1	U5DYA	28.2 U7EYA
2F	B123	G70X90	295.00	19.1	U5DYA	19.1	U7DYA	28.2 U7EYA
2F	B123	G70X90	345.00	19.1	U5DYA	21.9	U5EYA	28.2 U7EYA
2F	B123	G70X90	395.00	19.1	U5DYA	24.0	U5EYA	28.2 U7EYA
2F	B123	G70X90	445.00	19.1	U5DYA	25.4	U5EYA	28.2 U7EYA
2F	B123	G70X90	445.00	19.1	U5DYA	25.2	U5EYA	28.9 U7DYB
2F	B123	G70X90	490.00	19.1	U5DYA	21.3	U5EXB	28.9 U7DYB
2F	B123	G70X90	535.00	19.1	U5DYA	22.1	U5EYA	28.9 U7DYB
2F	B123	G70X90	580.00	19.1	U5DYA	22.7	U5EYA	28.9 U7DYB
2F	B123	G70X90	625.00	19.1	U5DYA	22.7	U5EYA	28.9 U7DYB
2F	B123	G70X90	670.00	19.1	U5DYA	22.2	U5EYA	28.9 U7DYB
2F	B123	G70X90	715.00	19.1	U5DYA	21.2	U5EYA	28.9 U7DYB
2F	B123	G70X90	715.00	19.1	U5DYA	21.2	U5EYA	28.9 U7DYB
2F	B123	G70X90	763.00	19.1	U7DYA	19.1	U7DYA	28.9 U7DYB
2F	B123	G70X90	811.00	27.6	U5EYA	19.1	U5DYA	28.9 U7DYB
2F	B123	G70X90	859.00	38.6	U5EYA	19.1	U5DYA	28.9 U7DYB
2F	B123	G70X90	907.00	50.7	U5EYA	19.1	U5DYA	28.9 U7DYB
2F	B123	G70X90	955.00	64.0	U5EYA	30.5	U5EYA	28.9 U7DYB
2F	B124	B25X45	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
2F	B124	B25X45	47.73	0.0	U5DYB	3.4	U5DYB	0.0 U7DYB
2F	B124	B25X45	95.45	0.0	U5DYB	5.1	U5DYB	0.0 U7DYB
2F	B124	B25X45	143.18	0.0	U5DYB	7.2	U5DYB	0.0 U7DYB
2F	B124	B25X45	190.91	0.0	U5DYB	8.6	U5DYB	0.0 U7DYB
2F	B124	B25X45	238.64	0.0	U5DYB	9.4	U5DYB	0.0 U7DYB
2F	B124	B25X45	286.36	0.0	U5DYB	9.4	U5DYB	0.0 U7DYB
2F	B124	B25X45	334.09	0.0	U5DYB	8.6	U5DYB	0.0 U7DYB
2F	B124	B25X45	381.82	0.0	U5DYB	7.2	U5DYB	0.0 U7DYB
2F	B124	B25X45	429.55	0.0	U5DYB	5.1	U5DYB	0.0 U7DYB
2F	B124	B25X45	477.27	0.0	U5DYB	3.4	U5DYB	0.0 U7DYB
2F	B124	B25X45	525.00	0.0	U5DYB	0.0	U5DYB	0.0 U7DYB
2F	B125	B30X50	0.00	0.0	U7DYB	0.0	U7DYB	0.0 U7DYB
2F	B125	B30X50	45.00	0.0	U5EYA	4.6	U5DXB	0.0 U7DYB
2F	B125	B30X50	90.00	0.0	U5EYA	6.7	U5DXB	0.0 U7DYB
2F	B125	B30X50	135.00	0.0	U5EYA	9.8	U5DXB	0.0 U7DYB
2F	B125	B30X50	180.00	0.0	U5EYA	12.5	U5DXB	0.0 U7DYB

2F	B125	B30X50	225.00	0.0	U5EYA	14.6 U5DXB	0.0	U7DYB
2F	B125	B30X50	270.00	0.0	U5EYA	16.3 U5DXB	0.0	U7DYB
2F	B125	B30X50	270.00	0.0	U5EYA	16.3 U5DXB	0.0	U7DYB
2F	B125	B30X50	317.50	0.0	U5EYA	14.8 U5DXB	0.0	U7DYB
2F	B125	B30X50	365.00	0.0	U5EYA	12.8 U5DXB	0.0	U7DYB
2F	B125	B30X50	412.50	0.0	U5EYA	10.1 U5DXB	0.0	U7DYB
2F	B125	B30X50	460.00	0.0	U5EYA	7.0 U5DXB	0.0	U7DYB
2F	B125	B30X50	507.50	0.0	U5EYA	4.6 U5DYB	0.0	U7DYB
2F	B125	B30X50	555.00	0.0	U5EYA	0.0 U5EYA	0.0	U7DYB
2F	B126	G90X120	60.00	34.1	U7DXA	34.1 U7DXA	49.3	U7DYB
2F	B126	G90X120	108.50	31.4	U7EXA	34.1 U5EXA	49.3	U7DYB
2F	B126	G90X120	157.00	22.1	U7EXA	29.6 U5EXA	49.3	U7DYB
2F	B126	G90X120	205.50	13.6	U7EXA	23.3 U5EXA	49.3	U7DYB
2F	B126	G90X120	254.00	12.2	U5EXA	16.0 U5EXA	49.3	U7DYB
2F	B126	G90X120	302.50	12.2	U5EXA	12.2 U5EXA	49.3	U7DYB
2F	B126	G90X120	351.00	12.2	U5EXA	12.2 U5EXA	49.3	U7DYB
2F	B126	G90X120	399.50	12.2	U5EXA	12.3 U7EXA	49.3	U7DYB
2F	B126	G90X120	448.00	23.3	U5EXA	16.9 U7EXA	49.3	U7DYB
2F	B126	G90X120	496.50	34.1	U5DXA	20.7 U7EXA	49.3	U7DYB
2F	B126	G90X120	545.00	37.5	U5EXA	24.6 U5EXA	49.3	U7DYB
2F	B127	G90X120	55.00	34.1	U7DXA	26.5 U7EXA	0.0	U7DYB
2F	B127	G90X120	104.00	31.1	U5EXA	23.3 U7EXA	0.0	U7DYB
2F	B127	G90X120	153.00	20.5	U5EXA	19.4 U7EXA	0.0	U7DYB
2F	B127	G90X120	202.00	11.3	U7EXA	14.9 U5EXA	0.0	U7DYB
2F	B127	G90X120	251.00	10.5	U5EXA	10.5 U5EXA	0.0	U7DYB
2F	B127	G90X120	300.00	10.5	U5EXA	10.5 U5EXA	0.0	U7DYB
2F	B127	G90X120	349.00	10.5	U5EXA	10.5 U5EXA	0.0	U7DYB
2F	B127	G90X120	398.00	11.9	U7EXA	15.7 U5EXA	0.0	U7DYB
2F	B127	G90X120	447.00	20.6	U7EXA	19.8 U5EXA	0.0	U7DYB
2F	B127	G90X120	496.00	30.5	U5EXA	23.1 U7EXA	0.0	U7DYB
2F	B127	G90X120	545.00	34.1	U7DXA	26.1 U7EXA	0.0	U7DYB
2F	B128	G90X120	55.00	34.1	U7DXA	28.4 U5EXA	0.0	U7DYB
2F	B128	G90X120	104.00	29.4	U7EXA	25.7 U5EXA	0.0	U7DYB
2F	B128	G90X120	153.00	19.9	U7EXA	21.9 U5EXA	0.0	U7DYB
2F	B128	G90X120	202.00	11.4	U5EXA	17.1 U5EXA	0.0	U7DYB
2F	B128	G90X120	251.00	11.4	U5EXA	11.4 U5EXA	0.0	U7DYB
2F	B128	G90X120	300.00	11.4	U5EXA	11.4 U5EXA	0.0	U7DYB
2F	B128	G90X120	349.00	11.4	U5EXA	11.4 U5EXA	0.0	U7DYB
2F	B128	G90X120	398.00	12.3	U5EXA	14.8 U7EXA	0.0	U7DYB
2F	B128	G90X120	447.00	22.4	U5EXA	19.4 U7EXA	0.0	U7DYB
2F	B128	G90X120	496.00	33.8	U5EXA	23.2 U7EXA	0.0	U7DYB
2F	B128	G90X120	545.00	34.7	U5EXA	26.2 U7EXA	0.0	U7DYB
2F	B129	G90X120	55.00	34.1	U7DXA	27.3 U7EXA	0.0	U7DYB
2F	B129	G90X120	104.00	29.6	U5EXA	24.0 U7EXA	0.0	U7DYB
2F	B129	G90X120	153.00	20.0	U7EXA	20.6 U5EXA	0.0	U7DYB
2F	B129	G90X120	202.00	11.4	U7EXA	16.2 U5EXA	0.0	U7DYB
2F	B129	G90X120	251.00	11.0	U5EXA	11.0 U5EXA	0.0	U7DYB
2F	B129	G90X120	300.00	11.0	U5EXA	11.0 U5EXA	0.0	U7DYB
2F	B129	G90X120	349.00	11.0	U5EXA	11.0 U5EXA	0.0	U7DYB
2F	B129	G90X120	398.00	11.8	U5EXA	14.9 U7EXA	0.0	U7DYB
2F	B129	G90X120	447.00	21.6	U5EXA	19.5 U7EXA	0.0	U7DYB
2F	B129	G90X120	496.00	32.5	U5EXA	23.4 U7EXA	0.0	U7DYB
2F	B129	G90X120	545.00	34.1	U7DXA	26.4 U7EXA	0.0	U7DYB
2F	B130	G90X120	55.00	34.1	U7DXA	27.3 U7EXA	0.0	U7DYB
2F	B130	G90X120	104.00	29.8	U5EXA	24.1 U7EXA	0.0	U7DYB
2F	B130	G90X120	153.00	20.1	U7EXA	20.6 U5EXA	0.0	U7DYB
2F	B130	G90X120	202.00	11.4	U7EXA	16.2 U5EXA	0.0	U7DYB
2F	B130	G90X120	251.00	10.9	U5EXA	10.9 U5EXA	0.0	U7DYB
2F	B130	G90X120	300.00	10.9	U5EXA	10.9 U5EXA	0.0	U7DYB
2F	B130	G90X120	349.00	10.9	U5EXA	10.9 U5EXA	0.0	U7DYB

2F	B130	G90X120	398.00	11.8	U7EXA	15.0	U5EXA	0.0 U7DYB
2F	B130	G90X120	447.00	21.3	U5EXA	19.5	U7EXA	0.0 U7DYB
2F	B130	G90X120	496.00	32.2	U5EXA	23.4	U7EXA	0.0 U7DYB
2F	B130	G90X120	545.00	34.1	U7DXA	26.5	U7EXA	0.0 U7DYB
2F	B131	G90X120	55.00	34.1	U7DXA	27.4	U7EXA	0.0 U7DYB
2F	B131	G90X120	104.00	29.8	U5EXA	24.1	U7EXA	0.0 U7DYB
2F	B131	G90X120	153.00	20.1	U7EXA	20.6	U5EXA	0.0 U7DYB
2F	B131	G90X120	202.00	11.4	U7EXA	16.2	U5EXA	0.0 U7DYB
2F	B131	G90X120	251.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB
2F	B131	G90X120	300.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB
2F	B131	G90X120	349.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB
2F	B131	G90X120	398.00	11.8	U7EXA	15.1	U5EXA	0.0 U7DYB
2F	B131	G90X120	447.00	21.4	U5EXA	19.6	U7EXA	0.0 U7DYB
2F	B131	G90X120	496.00	32.3	U5EXA	23.5	U7EXA	0.0 U7DYB
2F	B131	G90X120	545.00	34.1	U7DXA	26.5	U7EXA	0.0 U7DYB
2F	B132	G90X120	55.00	34.1	U7DXA	27.5	U7EXA	0.0 U7DYB
2F	B132	G90X120	104.00	29.9	U5EXA	24.2	U7EXA	0.0 U7DYB
2F	B132	G90X120	153.00	20.1	U7EXA	20.7	U5EXA	0.0 U7DYB
2F	B132	G90X120	202.00	11.5	U7EXA	16.3	U5EXA	0.0 U7DYB
2F	B132	G90X120	251.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB
2F	B132	G90X120	300.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB
2F	B132	G90X120	349.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB
2F	B132	G90X120	398.00	11.8	U7EXA	15.1	U5EXA	0.0 U7DYB
2F	B132	G90X120	447.00	21.4	U5EXA	19.6	U7EXA	0.0 U7DYB
2F	B132	G90X120	496.00	32.3	U5EXA	23.5	U7EXA	0.0 U7DYB
2F	B132	G90X120	545.00	34.1	U7DXA	26.6	U7EXA	0.0 U7DYB
2F	B133	G90X120	55.00	34.1	U7DXA	27.6	U7EXA	0.0 U7DYB
2F	B133	G90X120	104.00	29.9	U5EXA	24.3	U7EXA	0.0 U7DYB
2F	B133	G90X120	153.00	20.2	U7EXA	20.7	U5EXA	0.0 U7DYB
2F	B133	G90X120	202.00	11.5	U7EXA	16.3	U5EXA	0.0 U7DYB
2F	B133	G90X120	251.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB
2F	B133	G90X120	300.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB
2F	B133	G90X120	349.00	10.9	U5EXA	10.9	U5EXA	0.0 U7DYB
2F	B133	G90X120	398.00	11.9	U7EXA	15.1	U5EXA	0.0 U7DYB
2F	B133	G90X120	447.00	21.5	U5EXA	19.7	U7EXA	0.0 U7DYB
2F	B133	G90X120	496.00	32.4	U5EXA	23.6	U7EXA	0.0 U7DYB
2F	B133	G90X120	545.00	34.1	U7DXA	26.7	U7EXA	0.0 U7DYB
2F	B134	G90X120	55.00	34.1	U7DXA	27.7	U7EXA	0.0 U7DYB
2F	B134	G90X120	104.00	30.0	U5EXA	24.4	U7EXA	0.0 U7DYB
2F	B134	G90X120	153.00	20.3	U7EXA	20.8	U5EXA	0.0 U7DYB
2F	B134	G90X120	202.00	11.5	U7EXA	16.4	U5EXA	0.0 U7DYB
2F	B134	G90X120	251.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
2F	B134	G90X120	300.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
2F	B134	G90X120	349.00	11.0	U5EXA	11.0	U5EXA	0.0 U7DYB
2F	B134	G90X120	398.00	11.9	U7EXA	15.2	U5EXA	0.0 U7DYB
2F	B134	G90X120	447.00	21.6	U5EXA	19.8	U7EXA	0.0 U7DYB
2F	B134	G90X120	496.00	32.5	U5EXA	23.7	U7EXA	0.0 U7DYB
2F	B134	G90X120	545.00	34.1	U7DXA	26.8	U7EXA	0.0 U7DYB
2F	B135	G90X120	55.00	34.1	U7DXA	28.0	U7EXA	0.0 U7DYB
2F	B135	G90X120	104.00	30.2	U5EXA	24.6	U7EXA	0.0 U7DYB
2F	B135	G90X120	153.00	20.4	U7EXA	21.0	U5EXA	0.0 U7DYB
2F	B135	G90X120	202.00	11.6	U7EXA	16.5	U5EXA	0.0 U7DYB
2F	B135	G90X120	251.00	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
2F	B135	G90X120	300.00	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
2F	B135	G90X120	349.00	11.1	U5EXA	11.1	U5EXA	0.0 U7DYB
2F	B135	G90X120	398.00	12.1	U7EXA	15.3	U5EXA	0.0 U7DYB
2F	B135	G90X120	447.00	21.8	U5EXA	19.9	U7EXA	0.0 U7DYB
2F	B135	G90X120	496.00	32.8	U5EXA	23.9	U7EXA	0.0 U7DYB
2F	B135	G90X120	545.00	34.1	U7DXA	27.1	U7EXA	0.0 U7DYB

2F	B136	G90X120	55.00	34.1	U7DXA	28.5 U7EXA	0.0	U7DYB
2F	B136	G90X120	104.00	30.3	U5EXA	25.1 U7EXA	0.0	U7DYB
2F	B136	G90X120	153.00	20.5	U7EXA	21.5 U5EXA	0.0	U7DYB
2F	B136	G90X120	202.00	11.8	U7EXA	17.0 U5EXA	0.0	U7DYB
2F	B136	G90X120	251.00	11.0	U5EXA	11.4 U5EXA	0.0	U7DYB
2F	B136	G90X120	300.00	11.0	U5EXA	11.0 U5EXA	0.0	U7DYB
2F	B136	G90X120	349.00	11.0	U5EXA	11.0 U5EXA	0.0	U7DYB
2F	B136	G90X120	398.00	11.7	U7EXA	15.3 U5EXA	0.0	U7DYB
2F	B136	G90X120	447.00	21.4	U5EXA	19.9 U7EXA	0.0	U7DYB
2F	B136	G90X120	496.00	32.5	U5EXA	23.9 U7EXA	0.0	U7DYB
2F	B136	G90X120	545.00	34.1	U7DXA	27.1 U7EXA	0.0	U7DYB
2F	B137	G90X120	55.00	34.1	U7DXA	31.7 U7EXA	0.0	U7DYB
2F	B137	G90X120	105.00	28.9	U7EXA	25.1 U5EXA	0.0	U7DYB
2F	B137	G90X120	155.00	17.7	U7EXA	18.1 U5EXA	0.0	U7DYB
2F	B137	G90X120	205.00	11.6	U5EXA	11.6 U5EXA	0.0	U7DYB
2F	B137	G90X120	255.00	11.6	U5EXA	11.6 U5EXA	0.0	U7DYB
2F	B137	G90X120	305.00	11.6	U5EXA	11.6 U5EXA	0.0	U7DYB
2F	B137	G90X120	355.00	20.7	U5EXA	18.3 U7EXA	0.0	U7DYB
2F	B137	G90X120	405.00	33.4	U5EXA	25.4 U7EXA	0.0	U7DYB
2F	B137	G90X120	455.00	35.6	U5EXA	31.6 U7EXA	0.0	U7DYB
2F	B138	G90X120	55.00	34.7	U5EXA	22.9 U5EXA	49.3	U5DYA
2F	B138	G90X120	103.33	34.1	U5EXA	14.6 U7EXA	49.3	U5DYA
2F	B138	G90X120	151.67	24.6	U5EXA	14.6 U7EXA	49.3	U5DYA
2F	B138	G90X120	200.00	15.5	U7EXA	13.8 U5EXA	49.3	U5DYA
2F	B138	G90X120	248.33	11.4	U5EXA	13.1 U5EXA	49.3	U5DYA
2F	B138	G90X120	296.67	11.4	U5EXA	11.4 U5EXA	49.3	U5DYA
2F	B138	G90X120	345.00	11.4	U5EXA	11.4 U5EXA	49.3	U5DYA
2F	B138	G90X120	393.33	11.4	U5EXA	11.4 U5EXA	49.3	U5DYA
2F	B138	G90X120	441.67	11.4	U5EXA	14.2 U5EXA	49.3	U5DYA
2F	B138	G90X120	490.00	11.4	U5EXA	17.0 U5EXA	49.3	U5DYA
2F	B138	G90X120	538.33	13.3	U7EXA	18.9 U5EXA	49.3	U5DYA
2F	B138	G90X120	586.67	20.7	U5EXA	20.0 U7EXA	49.3	U5DYA
2F	B138	G90X120	635.00	29.8	U5EXA	21.0 U7EXA	49.3	U5DYA
2F	B139	G90X120	55.00	27.6	U5EXA	13.7 U5EXA	49.3	U7DYA
2F	B139	G90X120	104.38	21.8	U5EXA	9.8 U7EXA	49.3	U7DYA
2F	B139	G90X120	153.75	16.6	U5EXA	9.8 U7EXA	49.3	U7DYA
2F	B139	G90X120	203.13	11.8	U5EXA	9.4 U7EXA	49.3	U7DYA
2F	B139	G90X120	252.50	7.9	U7EXA	9.1 U5EXA	49.3	U7DYA
2F	B139	G90X120	301.88	7.2	U5EXA	8.3 U5EXA	49.3	U7DYA
2F	B139	G90X120	351.25	7.2	U5EXA	7.2 U5EXA	49.3	U7DYA
2F	B139	G90X120	400.63	7.2	U5EXA	7.2 U5EXA	49.3	U7DYA
2F	B139	G90X120	450.00	7.2	U5EXA	7.2 U5EXA	49.3	U7DYA
2F	B139	G90X120	499.38	7.2	U5EXA	7.2 U5EXA	49.3	U7DYA
2F	B139	G90X120	548.75	7.2	U5EXA	8.9 U5EXA	49.3	U7DYA
2F	B139	G90X120	598.13	7.2	U5EXA	10.1 U5EXA	49.3	U7DYA
2F	B139	G90X120	647.50	9.2	U5EXA	11.2 U7EXA	49.3	U7DYA
2F	B139	G90X120	696.88	13.6	U5EXA	12.1 U7EXA	49.3	U7DYA
2F	B139	G90X120	746.25	18.3	U5EXA	12.7 U7EXA	49.3	U7DYA
2F	B139	G90X120	795.63	23.6	U5EXA	12.9 U7EXA	49.3	U7DYA
2F	B139	G90X120	845.00	29.3	U5EXA	14.6 U5EXA	49.3	U7DYA
2F	B140	G60X80	55.00	15.5	U5DXA	9.4 U7EXA	0.0	U7DYB
2F	B140	G60X80	101.67	11.0	U5EXA	9.8 U7EXA	0.0	U7DYB
2F	B140	G60X80	148.33	8.8	U5EXA	10.4 U5EXA	0.0	U7DYB
2F	B140	G60X80	195.00	8.8	U5EXA	11.0 U5EXA	0.0	U7DYB
2F	B140	G60X80	241.67	8.8	U5EXA	10.5 U5EXA	0.0	U7DYB
2F	B140	G60X80	288.33	8.8	U5EXA	8.9 U5EXA	0.0	U7DYB
2F	B140	G60X80	335.00	8.8	U5EXA	8.8 U5EXA	0.0	U7DYB
2F	B140	G60X80	381.67	8.8	U5EXA	8.8 U5EXA	0.0	U7DYB
2F	B140	G60X80	428.33	8.8	U5EXA	8.8 U5EXA	0.0	U7DYB
2F	B140	G60X80	475.00	10.0	U5EXA	8.8 U5EXA	0.0	U7DYB
2F	B140	G60X80	521.67	15.5	U5DXA	8.8 U5EXA	0.0	U7DYB

2F	B140	G60X80	568.33	20.0	U5EXA	8.8	U5EXA	0.0 U7DYB
2F	B140	G60X80	615.00	27.5	U5EXA	15.5	U5DXA	0.0 U7DYB
2F	B141	G60X80	55.00	27.9	U5EXA	15.5	U5DXA	0.0 U7DYB
2F	B141	G60X80	105.00	19.9	U5EXA	9.0	U5EXA	0.0 U7DYB
2F	B141	G60X80	155.00	15.5	U5DXA	9.0	U5EXA	0.0 U7DYB
2F	B141	G60X80	205.00	9.0	U5EXA	9.0	U5EXA	0.0 U7DYB
2F	B141	G60X80	255.00	9.0	U5EXA	9.3	U5EXA	0.0 U7DYB
2F	B141	G60X80	305.00	9.0	U5EXA	12.7	U5EXA	0.0 U7DYB
2F	B141	G60X80	355.00	9.0	U5EXA	15.4	U5EXA	0.0 U7DYB
2F	B141	G60X80	355.00	9.0	U5EXA	15.4	U5EXA	0.0 U7DYB
2F	B141	G60X80	403.00	9.0	U5EXA	14.4	U5EXA	0.0 U7DYB
2F	B141	G60X80	451.00	9.0	U5EXA	13.1	U5EXB	0.0 U7DYB
2F	B141	G60X80	499.00	9.0	U5EXA	13.2	U5EXA	0.0 U7DYB
2F	B141	G60X80	547.00	9.0	U5EXA	12.6	U5EXA	0.0 U7DYB
2F	B141	G60X80	595.00	9.0	U5EXA	11.1	U5EXA	0.0 U7DYB
2F	B141	G60X80	643.00	9.0	U5EXA	9.0	U5EXA	0.0 U7DYB
2F	B141	G60X80	691.00	9.0	U5EXA	9.0	U5EXA	0.0 U7DYB
2F	B141	G60X80	739.00	15.5	U5EXA	9.0	U5EXA	0.0 U7DYB
2F	B141	G60X80	787.00	17.7	U5EXA	9.0	U5EXA	0.0 U7DYB
2F	B141	G60X80	835.00	24.4	U5EXA	15.5	U5DXA	0.0 U7DYB

ETABS v9.7.3 File:1204_EMP Units:Ton-cm December 7, 2023 8:34 PAGE 2

C O N C R E T E B E A M D E S I G N O U T P U T (ACI 318-08/IBC 2009)

TORSION AND SHEAR DESIGN OF BEAM-TYPE ELEMENTS

STORY ID	BEAM BAY	SECTION ID	STATION	<---------REQUIRED REINFORCING---------> TORSION	COMBO	SHEAR	COMBO
RF	B1	RGB90X120	60.00	6.617E-02	U5EYA	0.2	U5EXA
RF	B1	RGB90X120	108.00	6.617E-02	U5EYA	0.2	U5EXA
RF	B1	RGB90X120	156.00	6.617E-02	U5EYA	0.2	U5EXA
RF	B1	RGB90X120	204.00	6.617E-02	U5EYA	0.2	U5EXA
RF	B1	RGB90X120	252.00	6.617E-02	U5EYA	0.2	U5DYB
RF	B1	RGB90X120	300.00	6.617E-02	U5EYA	0.2	U5DYB
RF	B1	RGB90X120	300.00	6.617E-02	U5EYA	0.2	U5EXA
RF	B1	RGB90X120	349.00	6.617E-02	U5EYA	0.2	U5EXA
RF	B1	RGB90X120	398.00	6.617E-02	U5EYA	0.2	U5EXA
RF	B1	RGB90X120	447.00	6.617E-02	U5EYA	0.3	U5EXA
RF	B1	RGB90X120	496.00	6.617E-02	U5EYA	0.3	U5EXA
RF	B1	RGB90X120	545.00	6.617E-02	U5EYA	0.3	U5EXA
RF	B2	RGB90X120	55.00	2.920E-02	U5EYA	0.3	U5EXA
RF	B2	RGB90X120	104.00	2.920E-02	U5EYA	0.3	U5EXA
RF	B2	RGB90X120	153.00	2.920E-02	U5EYA	0.3	U5EXA
RF	B2	RGB90X120	202.00	2.920E-02	U5EYA	0.3	U5EXA
RF	B2	RGB90X120	251.00	2.920E-02	U5EYA	0.2	U5EXA
RF	B2	RGB90X120	300.00	2.920E-02	U5EYA	0.2	U5EXA
RF	B2	RGB90X120	300.00	2.920E-02	U5EYA	0.2	U5DYB
RF	B2	RGB90X120	349.00	2.920E-02	U5EYA	0.2	U5DYB
RF	B2	RGB90X120	398.00	2.920E-02	U5EYA	0.2	U5EXA
RF	B2	RGB90X120	447.00	2.920E-02	U5EYA	0.2	U5EXA
RF	B2	RGB90X120	496.00	2.920E-02	U5EYA	0.2	U5EXA
RF	B2	RGB90X120	545.00	2.920E-02	U5EYA	0.2	U5EXA
RF	B3	RGB90X120	55.00	0.0	U7DYB	0.3	U5EXA
RF	B3	RGB90X120	104.00	0.0	U7DYB	0.2	U5EXA
RF	B3	RGB90X120	153.00	0.0	U7DYB	0.2	U5EXA
RF	B3	RGB90X120	202.00	0.0	U7DYB	0.2	U5EXA
RF	B3	RGB90X120	251.00	0.0	U7DYB	0.2	U5EXA
RF	B3	RGB90X120	300.00	0.0	U7DYB	0.2	U5DYB
RF	B3	RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA

RF	B3 RGB90X120	349.00	0.0	U7DYB	0.2	U5EXA
RF	B3 RGB90X120	398.00	0.0	U7DYB	0.2	U5EXA
RF	B3 RGB90X120	447.00	0.0	U7DYB	0.3	U5EXA
RF	B3 RGB90X120	496.00	0.0	U7DYB	0.3	U5EXA
RF	B3 RGB90X120	545.00	0.0	U7DYB	0.3	U5EXA
RF	B4 RGB90X120	55.00	0.0	U7DYB	0.3	U5EXA
RF	B4 RGB90X120	104.00	0.0	U7DYB	0.3	U5EXA
RF	B4 RGB90X120	153.00	0.0	U7DYB	0.3	U5EXA
RF	B4 RGB90X120	202.00	0.0	U7DYB	0.2	U5EXA
RF	B4 RGB90X120	251.00	0.0	U7DYB	0.2	U5EXA
RF	B4 RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA
RF	B4 RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA
RF	B4 RGB90X120	349.00	0.0	U7DYB	0.2	U5EXA
RF	B4 RGB90X120	398.00	0.0	U7DYB	0.2	U5EXA
RF	B4 RGB90X120	447.00	0.0	U7DYB	0.2	U5EXA
RF	B4 RGB90X120	496.00	0.0	U7DYB	0.3	U5EXA
RF	B4 RGB90X120	545.00	0.0	U7DYB	0.3	U5EXA
RF	B5 RGB90X120	55.00	0.0	U7DYB	0.3	U5EXA
RF	B5 RGB90X120	104.00	0.0	U7DYB	0.3	U5EXA
RF	B5 RGB90X120	153.00	0.0	U7DYB	0.3	U5EXA
RF	B5 RGB90X120	202.00	0.0	U7DYB	0.2	U5EXA
RF	B5 RGB90X120	251.00	0.0	U7DYB	0.2	U5EXA
RF	B5 RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA
RF	B5 RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA
RF	B5 RGB90X120	349.00	0.0	U7DYB	0.2	U5EXA
RF	B5 RGB90X120	398.00	0.0	U7DYB	0.2	U5EXA
RF	B5 RGB90X120	447.00	0.0	U7DYB	0.2	U5EXA
RF	B5 RGB90X120	496.00	0.0	U7DYB	0.3	U5EXA
RF	B5 RGB90X120	545.00	0.0	U7DYB	0.3	U5EXA
RF	B6 RGB90X120	55.00	0.0	U7DYB	0.3	U5EXA
RF	B6 RGB90X120	104.00	0.0	U7DYB	0.3	U5EXA
RF	B6 RGB90X120	153.00	0.0	U7DYB	0.3	U5EXA
RF	B6 RGB90X120	202.00	0.0	U7DYB	0.2	U5EXA
RF	B6 RGB90X120	251.00	0.0	U7DYB	0.2	U5EXA
RF	B6 RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA
RF	B6 RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA
RF	B6 RGB90X120	349.00	0.0	U7DYB	0.2	U5EXA
RF	B6 RGB90X120	398.00	0.0	U7DYB	0.2	U5EXA
RF	B6 RGB90X120	447.00	0.0	U7DYB	0.2	U5EXA
RF	B6 RGB90X120	496.00	0.0	U7DYB	0.3	U5EXA
RF	B6 RGB90X120	545.00	0.0	U7DYB	0.3	U5EXA
RF	B7 RGB90X120	55.00	0.0	U7DYB	0.3	U5EXA
RF	B7 RGB90X120	104.00	0.0	U7DYB	0.3	U5EXA
RF	B7 RGB90X120	153.00	0.0	U7DYB	0.3	U5EXA
RF	B7 RGB90X120	202.00	0.0	U7DYB	0.2	U5EXA
RF	B7 RGB90X120	251.00	0.0	U7DYB	0.2	U5EXA
RF	B7 RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA
RF	B7 RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA
RF	B7 RGB90X120	349.00	0.0	U7DYB	0.2	U5EXA
RF	B7 RGB90X120	398.00	0.0	U7DYB	0.2	U5EXA
RF	B7 RGB90X120	447.00	0.0	U7DYB	0.2	U5EXA
RF	B7 RGB90X120	496.00	0.0	U7DYB	0.3	U5EXA
RF	B7 RGB90X120	545.00	0.0	U7DYB	0.3	U5EXA
RF	B8 RGB90X120	55.00	0.0	U7DYB	0.3	U5EXA
RF	B8 RGB90X120	104.00	0.0	U7DYB	0.3	U5EXA
RF	B8 RGB90X120	153.00	0.0	U7DYB	0.3	U5EXA
RF	B8 RGB90X120	202.00	0.0	U7DYB	0.2	U5EXA
RF	B8 RGB90X120	251.00	0.0	U7DYB	0.2	U5EXA
RF	B8 RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA
RF	B8 RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA

RF	B8	RGB90X120	349.00	0.0	U7DYB	0.2 U5EXA
RF	B8	RGB90X120	398.00	0.0	U7DYB	0.2 U5EXA
RF	B8	RGB90X120	447.00	0.0	U7DYB	0.2 U5EXA
RF	B8	RGB90X120	496.00	0.0	U7DYB	0.3 U5EXA
RF	B8	RGB90X120	545.00	0.0	U7DYB	0.3 U5EXA
RF	B9	RGB90X120	55.00	0.0	U7DYB	0.3 U5EXA
RF	B9	RGB90X120	104.00	0.0	U7DYB	0.3 U5EXA
RF	B9	RGB90X120	153.00	0.0	U7DYB	0.3 U5EXA
RF	B9	RGB90X120	202.00	0.0	U7DYB	0.2 U5EXA
RF	B9	RGB90X120	251.00	0.0	U7DYB	0.2 U5EXA
RF	B9	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B9	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B9	RGB90X120	349.00	0.0	U7DYB	0.2 U5EXA
RF	B9	RGB90X120	398.00	0.0	U7DYB	0.2 U5EXA
RF	B9	RGB90X120	447.00	0.0	U7DYB	0.2 U5EXA
RF	B9	RGB90X120	496.00	0.0	U7DYB	0.3 U5EXA
RF	B9	RGB90X120	545.00	0.0	U7DYB	0.3 U5EXA
RF	B10	RGB90X120	55.00	0.0	U7DYB	0.3 U5EXA
RF	B10	RGB90X120	104.00	0.0	U7DYB	0.3 U5EXA
RF	B10	RGB90X120	153.00	0.0	U7DYB	0.3 U5EXA
RF	B10	RGB90X120	202.00	0.0	U7DYB	0.2 U5EXA
RF	B10	RGB90X120	251.00	0.0	U7DYB	0.2 U5EXA
RF	B10	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B10	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B10	RGB90X120	349.00	0.0	U7DYB	0.2 U5EXA
RF	B10	RGB90X120	398.00	0.0	U7DYB	0.2 U5EXA
RF	B10	RGB90X120	447.00	0.0	U7DYB	0.2 U5EXA
RF	B10	RGB90X120	496.00	0.0	U7DYB	0.3 U5EXA
RF	B10	RGB90X120	545.00	0.0	U7DYB	0.3 U5EXA
RF	B11	RGB90X120	55.00	0.0	U7DYB	0.3 U5EXA
RF	B11	RGB90X120	104.00	0.0	U7DYB	0.3 U5EXA
RF	B11	RGB90X120	153.00	0.0	U7DYB	0.3 U5EXA
RF	B11	RGB90X120	202.00	0.0	U7DYB	0.2 U5EXA
RF	B11	RGB90X120	251.00	0.0	U7DYB	0.2 U5EXA
RF	B11	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B11	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B11	RGB90X120	349.00	0.0	U7DYB	0.2 U5EXA
RF	B11	RGB90X120	398.00	0.0	U7DYB	0.2 U5EXA
RF	B11	RGB90X120	447.00	0.0	U7DYB	0.2 U5EXA
RF	B11	RGB90X120	496.00	0.0	U7DYB	0.3 U5EXA
RF	B11	RGB90X120	545.00	0.0	U7DYB	0.3 U5EXA
RF	B12	RGB90X120	55.00	0.0	U7DYB	0.3 U5EXA
RF	B12	RGB90X120	105.00	0.0	U7DYB	0.3 U5EXA
RF	B12	RGB90X120	155.00	0.0	U7DYB	0.2 U5EXA
RF	B12	RGB90X120	205.00	0.0	U7DYB	0.2 U5EXA
RF	B12	RGB90X120	255.00	0.0	U7DYB	0.2 U5DYB
RF	B12	RGB90X120	255.00	0.0	U7DYB	0.2 U5DYB
RF	B12	RGB90X120	305.00	0.0	U7DYB	0.2 U5DYB
RF	B12	RGB90X120	355.00	0.0	U7DYB	0.2 U5EXA
RF	B12	RGB90X120	405.00	0.0	U7DYB	0.2 U5EXA
RF	B12	RGB90X120	455.00	0.0	U7DYB	0.2 U5EXA
RF	B13	RGB90X120	55.00	0.0	U7DYB	0.3 U5EXA
RF	B13	RGB90X120	103.33	0.0	U7DYB	0.3 U5EXA
RF	B13	RGB90X120	151.67	0.0	U7DYB	0.3 U5EXA
RF	B13	RGB90X120	200.00	0.0	U7DYB	0.3 U5EXA
RF	B13	RGB90X120	248.33	0.0	U7DYB	0.2 U5EXA
RF	B13	RGB90X120	296.67	0.0	U7DYB	0.2 U5EXA
RF	B13	RGB90X120	345.00	0.0	U7DYB	0.2 U5EXA
RF	B13	RGB90X120	345.00	0.0	U7DYB	0.2 U5EXA
RF	B13	RGB90X120	393.33	0.0	U7DYB	0.2 U5EXA

RF	B13	RGB90X120	441.67	0.0	U7DYB	0.2 U5EXA
RF	B13	RGB90X120	490.00	0.0	U7DYB	0.2 U5EXA
RF	B13	RGB90X120	538.33	0.0	U7DYB	0.2 U5EXA
RF	B13	RGB90X120	586.67	0.0	U7DYB	0.3 U5EXA
RF	B13	RGB90X120	635.00	0.0	U7DYB	0.3 U5EXA
RF	B14	RGB90X120	55.00	5.894E-02	U5EYA	0.4 U5EXA
RF	B14	RGB90X120	104.00	5.894E-02	U5EYA	0.4 U5EXA
RF	B14	RGB90X120	153.00	5.894E-02	U5EYA	0.4 U5EXA
RF	B14	RGB90X120	202.00	5.894E-02	U5EYA	0.4 U5EXA
RF	B14	RGB90X120	251.00	5.894E-02	U5EYA	0.4 U5EXA
RF	B14	RGB90X120	300.00	5.894E-02	U5EYA	0.3 U5EXA
RF	B14	RGB90X120	300.00	5.894E-02	U5EYA	0.2 U5DYB
RF	B14	RGB90X120	350.00	5.894E-02	U5EYA	0.2 U5DYB
RF	B14	RGB90X120	400.00	5.894E-02	U5EYA	0.2 U5DYB
RF	B14	RGB90X120	450.00	5.894E-02	U5EYA	0.2 U5DYB
RF	B14	RGB90X120	500.00	5.894E-02	U5EYA	0.2 U5DYB
RF	B14	RGB90X120	550.00	5.894E-02	U5EYA	0.2 U5DYB
RF	B14	RGB90X120	600.00	5.894E-02	U5EYA	0.2 U5DYB
RF	B14	RGB90X120	600.00	5.894E-02	U5EYA	0.3 U5EXA
RF	B14	RGB90X120	649.00	5.894E-02	U5EYA	0.3 U5EXA
RF	B14	RGB90X120	698.00	5.894E-02	U5EYA	0.3 U5EXA
RF	B14	RGB90X120	747.00	5.894E-02	U5EYA	0.3 U5EXA
RF	B14	RGB90X120	796.00	5.894E-02	U5EYA	0.4 U5EXA
RF	B14	RGB90X120	845.00	5.894E-02	U5EYA	0.4 U5EXA
RF	B17	G90X120	60.00	0.0	U7DYB	0.3 U5EYA
RF	B17	G90X120	108.42	0.0	U7DYB	0.3 U5EYA
RF	B17	G90X120	156.84	0.0	U7DYB	0.3 U5EYA
RF	B17	G90X120	205.26	0.0	U7DYB	0.3 U5EYA
RF	B17	G90X120	253.68	0.0	U7DYB	0.2 U5EYA
RF	B17	G90X120	302.11	0.0	U7DYB	0.2 U5EYA
RF	B17	G90X120	350.53	0.0	U7DYB	0.2 U5EYA
RF	B17	G90X120	398.95	0.0	U7DYB	0.2 U5EYA
RF	B17	G90X120	447.37	0.0	U7DYB	0.2 U5DYB
RF	B17	G90X120	495.79	0.0	U7DYB	0.2 U5DYB
RF	B17	G90X120	544.21	0.0	U7DYB	0.2 U5DYB
RF	B17	G90X120	592.63	0.0	U7DYB	0.2 U5DYB
RF	B17	G90X120	641.05	0.0	U7DYB	0.2 U5EYA
RF	B17	G90X120	689.47	0.0	U7DYB	0.2 U5EYA
RF	B17	G90X120	737.89	0.0	U7DYB	0.2 U5EYA
RF	B17	G90X120	786.32	0.0	U7DYB	0.2 U5EYA
RF	B17	G90X120	834.74	0.0	U7DYB	0.3 U5EYA
RF	B17	G90X120	883.16	0.0	U7DYB	0.3 U5EYA
RF	B17	G90X120	931.58	0.0	U7DYB	0.3 U5EYA
RF	B17	G90X120	980.00	0.0	U7DYB	0.3 U5EYA
RF	B24	RGG90X120	60.00	0.0	U7DYB	0.4 U5EYA
RF	B24	RGG90X120	109.49	0.0	U7DYB	0.4 U5EYA
RF	B24	RGG90X120	158.97	0.0	U7DYB	0.4 U5EYA
RF	B24	RGG90X120	208.46	0.0	U7DYB	0.4 U5EYA
RF	B24	RGG90X120	257.95	0.0	U7DYB	0.3 U5EYA
RF	B24	RGG90X120	307.44	0.0	U7DYB	0.3 U5EYA
RF	B24	RGG90X120	356.92	0.0	U7DYB	0.3 U5EYA
RF	B24	RGG90X120	406.41	0.0	U7DYB	0.3 U5EYA
RF	B24	RGG90X120	455.90	0.0	U7DYB	0.3 U5EYA
RF	B24	RGG90X120	505.38	0.0	U7DYB	0.3 U5EYA
RF	B24	RGG90X120	554.87	0.0	U7DYB	0.2 U5EYA
RF	B24	RGG90X120	604.36	0.0	U7DYB	0.2 U7EYA
RF	B24	RGG90X120	653.85	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	703.33	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	752.82	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	802.31	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	851.79	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	901.28	0.0	U7DYB	0.2 U5DYB

RF	B24	RGG90X120	950.77	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	1000.26	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	1049.74	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	1099.23	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	1148.72	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	1198.21	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	1247.69	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	1297.18	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	1346.67	0.0	U7DYB	0.2 U5DYB
RF	B24	RGG90X120	1396.15	0.0	U7DYB	0.2 U7EYA
RF	B24	RGG90X120	1445.64	0.0	U7DYB	0.2 U5EYA
RF	B24	RGG90X120	1495.13	0.0	U7DYB	0.3 U5EYA
RF	B24	RGG90X120	1544.62	0.0	U7DYB	0.3 U5EYA
RF	B24	RGG90X120	1594.10	0.0	U7DYB	0.3 U5EYA
RF	B24	RGG90X120	1643.59	0.0	U7DYB	0.3 U5EYA
RF	B24	RGG90X120	1693.08	0.0	U7DYB	0.3 U5EYA
RF	B24	RGG90X120	1742.56	0.0	U7DYB	0.4 U5EYA
RF	B24	RGG90X120	1792.05	0.0	U7DYB	0.4 U5EYA
RF	B24	RGG90X120	1841.54	0.0	U7DYB	0.4 U5EYA
RF	B24	RGG90X120	1891.03	0.0	U7DYB	0.4 U5EYA
RF	B24	RGG90X120	1940.51	0.0	U7DYB	0.4 U5EYA
RF	B24	RGG90X120	1990.00	0.0	U7DYB	0.4 U5EYA

RF	B25	RB90X110	0.00	0.0	U7DYB	0.2 U5EYB
RF	B25	RB90X110	50.00	0.0	U7DYB	0.2 U5EYB
RF	B25	RB90X110	100.00	0.0	U7DYB	0.2 U7EYB
RF	B25	RB90X110	150.00	0.0	U7DYB	0.1 U7EYB
RF	B25	RB90X110	200.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	250.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	300.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	350.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	400.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	450.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	500.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	550.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	600.00	0.0	U7DYB	1.000E-01 U5DYB
RF	B25	RB90X110	650.00	0.0	U7DYB	9.877E-02 U5DYB
RF	B25	RB90X110	700.00	0.0	U7DYB	9.754E-02 U5DYB
RF	B25	RB90X110	750.00	0.0	U7DYB	9.632E-02 U5DYB
RF	B25	RB90X110	800.00	0.0	U7DYB	9.672E-02 U5DYB
RF	B25	RB90X110	850.00	0.0	U7DYB	9.795E-02 U5DYB
RF	B25	RB90X110	900.00	0.0	U7DYB	9.917E-02 U5DYB
RF	B25	RB90X110	950.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	1000.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	1050.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	1100.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	1150.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	1200.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	1250.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	1300.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	1350.00	0.0	U7DYB	0.1 U5DYB
RF	B25	RB90X110	1400.00	0.0	U7DYB	0.1 U7EYB
RF	B25	RB90X110	1450.00	0.0	U7DYB	0.2 U5EYB
RF	B25	RB90X110	1500.00	0.0	U7DYB	0.2 U5EYB
RF	B25	RB90X110	1550.00	0.0	U7DYB	0.3 U5EYB
RF	B25	RB90X110	1600.00	0.0	U7DYB	0.3 U5EYB
RF	B25	RB90X110	1650.00	0.0	U7DYB	0.3 U5EYB
RF	B25	RB90X110	1700.00	0.0	U7DYB	0.3 U5EYB
RF	B25	RB90X110	1750.00	0.0	U7DYB	0.3 U5EYB
RF	B25	RB90X110	1800.00	0.0	U7DYB	0.4 U5EYB
RF	B25	RB90X110	1850.00	0.0	U7DYB	0.4 U5EYB
RF	B25	RB90X110	1900.00	0.0	U7DYB	0.4 U5EYB
RF	B25	RB90X110	1950.00	0.0	U7DYB	0.4 U5EYB
RF	B25	RB90X110	2000.00	0.0	U7DYB	0.4 U5EYB
RF	B25	RB90X110	2050.00	0.0	U7DYB	0.4 U5EYB

RF	B26	RGG90X120	60.00	0.0	U7DYB	0.3 U5EYA
RF	B26	RGG90X120	109.55	0.0	U7DYB	0.3 U5EYA
RF	B26	RGG90X120	159.10	0.0	U7DYB	0.3 U5EYA
RF	B26	RGG90X120	208.65	0.0	U7DYB	0.3 U5EYA
RF	B26	RGG90X120	258.21	0.0	U7DYB	0.3 U5EYA
RF	B26	RGG90X120	307.76	0.0	U7DYB	0.2 U5EYA
RF	B26	RGG90X120	357.31	0.0	U7DYB	0.2 U5EYA
RF	B26	RGG90X120	406.86	0.0	U7DYB	0.2 U5EYA
RF	B26	RGG90X120	456.41	0.0	U7DYB	0.1 U7EYA
RF	B26	RGG90X120	505.96	0.0	U7DYB	0.1 U7EYA
RF	B26	RGG90X120	555.51	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	605.06	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	654.62	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	704.17	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	753.72	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	803.27	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	852.82	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	902.37	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	951.92	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	1001.47	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	1051.03	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	1100.58	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	1150.13	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	1199.68	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	1249.23	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	1298.78	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	1348.33	0.0	U7DYB	0.1 U5DYB
RF	B26	RGG90X120	1397.88	0.0	U7DYB	0.1 U7EYA
RF	B26	RGG90X120	1447.44	0.0	U7DYB	0.2 U5EYA
RF	B26	RGG90X120	1496.99	0.0	U7DYB	0.2 U5EYA
RF	B26	RGG90X120	1546.54	0.0	U7DYB	0.2 U5EYA
RF	B26	RGG90X120	1596.09	0.0	U7DYB	0.2 U5EYA
RF	B26	RGG90X120	1645.64	0.0	U7DYB	0.3 U5EYA
RF	B26	RGG90X120	1695.19	0.0	U7DYB	0.3 U5EYA
RF	B26	RGG90X120	1744.74	0.0	U7DYB	0.3 U5EYA
RF	B26	RGG90X120	1794.29	0.0	U7DYB	0.3 U5EYA
RF	B26	RGG90X120	1843.85	0.0	U7DYB	0.3 U5EYA
RF	B26	RGG90X120	1893.40	0.0	U7DYB	0.3 U5EYA
RF	B26	RGG90X120	1942.95	0.0	U7DYB	0.3 U5EYA
RF	B26	RGG90X120	1992.50	0.0	U7DYB	0.4 U5EYA

RF	B27	RB90X110	0.00	0.0	U7DYB	0.2 U5EYB
RF	B27	RB90X110	50.00	0.0	U7DYB	0.2 U5EYB
RF	B27	RB90X110	100.00	0.0	U7DYB	0.2 U7EYB
RF	B27	RB90X110	150.00	0.0	U7DYB	0.1 U7EYB
RF	B27	RB90X110	200.00	0.0	U7DYB	0.1 U5DYB
RF	B27	RB90X110	250.00	0.0	U7DYB	0.1 U5DYB
RF	B27	RB90X110	300.00	0.0	U7DYB	0.1 U5DYB
RF	B27	RB90X110	350.00	0.0	U7DYB	0.1 U5DYB
RF	B27	RB90X110	400.00	0.0	U7DYB	0.1 U5DYB
RF	B27	RB90X110	450.00	0.0	U7DYB	0.1 U5DYB
RF	B27	RB90X110	500.00	0.0	U7DYB	9.922E-02 U5DYB
RF	B27	RB90X110	550.00	0.0	U7DYB	9.799E-02 U5DYB
RF	B27	RB90X110	600.00	0.0	U7DYB	9.676E-02 U5DYB
RF	B27	RB90X110	650.00	0.0	U7DYB	9.554E-02 U5DYB
RF	B27	RB90X110	700.00	0.0	U7DYB	9.431E-02 U5DYB
RF	B27	RB90X110	750.00	0.0	U7DYB	9.308E-02 U5DYB
RF	B27	RB90X110	800.00	0.0	U7DYB	9.204E-02 U5DYB
RF	B27	RB90X110	850.00	0.0	U7DYB	9.327E-02 U5DYB
RF	B27	RB90X110	900.00	0.0	U7DYB	9.450E-02 U5DYB
RF	B27	RB90X110	950.00	0.0	U7DYB	9.573E-02 U5DYB
RF	B27	RB90X110	1000.00	0.0	U7DYB	9.695E-02 U5DYB
RF	B27	RB90X110	1050.00	0.0	U7DYB	9.818E-02 U5DYB
RF	B27	RB90X110	1100.00	0.0	U7DYB	9.941E-02 U5DYB

RF	B27	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B27	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B27	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B27	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B27	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B27	RB90X110	1400.00	0.0	U7DYB	0.1	U7EYB
RF	B27	RB90X110	1450.00	0.0	U7DYB	0.2	U5EYB
RF	B27	RB90X110	1500.00	0.0	U7DYB	0.2	U5EYB
RF	B27	RB90X110	1550.00	0.0	U7DYB	0.3	U5EYB
RF	B27	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B27	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B27	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B27	RB90X110	1750.00	0.0	U7DYB	0.3	U5EYB
RF	B27	RB90X110	1800.00	0.0	U7DYB	0.3	U5EYB
RF	B27	RB90X110	1850.00	0.0	U7DYB	0.4	U5EYB
RF	B27	RB90X110	1900.00	0.0	U7DYB	0.4	U5EYB
RF	B27	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B27	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B27	RB90X110	2050.00	0.0	U7DYB	0.4	U5EYB
RF	B28	RGG90X120	60.00	0.0	U7DYB	0.3	U5EYA
RF	B28	RGG90X120	109.55	0.0	U7DYB	0.3	U5EYA
RF	B28	RGG90X120	159.10	0.0	U7DYB	0.3	U5EYA
RF	B28	RGG90X120	208.65	0.0	U7DYB	0.3	U5EYA
RF	B28	RGG90X120	258.21	0.0	U7DYB	0.3	U5EYA
RF	B28	RGG90X120	307.76	0.0	U7DYB	0.2	U5EYA
RF	B28	RGG90X120	357.31	0.0	U7DYB	0.2	U5EYA
RF	B28	RGG90X120	406.86	0.0	U7DYB	0.2	U5EYA
RF	B28	RGG90X120	456.41	0.0	U7DYB	0.1	U7EYA
RF	B28	RGG90X120	505.96	0.0	U7DYB	0.1	U7EYA
RF	B28	RGG90X120	555.51	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	605.06	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	654.62	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	704.17	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	753.72	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	803.27	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	852.82	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	902.37	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	951.92	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	1001.47	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	1051.03	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	1100.58	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	1150.13	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	1199.68	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	1249.23	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	1298.78	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	1348.33	0.0	U7DYB	0.1	U5DYB
RF	B28	RGG90X120	1397.88	0.0	U7DYB	0.1	U7EYA
RF	B28	RGG90X120	1447.44	0.0	U7DYB	0.2	U5EYA
RF	B28	RGG90X120	1496.99	0.0	U7DYB	0.2	U5EYA
RF	B28	RGG90X120	1546.54	0.0	U7DYB	0.2	U5EYA
RF	B28	RGG90X120	1596.09	0.0	U7DYB	0.2	U5EYA
RF	B28	RGG90X120	1645.64	0.0	U7DYB	0.2	U5EYA
RF	B28	RGG90X120	1695.19	0.0	U7DYB	0.3	U5EYA
RF	B28	RGG90X120	1744.74	0.0	U7DYB	0.3	U5EYA
RF	B28	RGG90X120	1794.29	0.0	U7DYB	0.3	U5EYA
RF	B28	RGG90X120	1843.85	0.0	U7DYB	0.3	U5EYA
RF	B28	RGG90X120	1893.40	0.0	U7DYB	0.3	U5EYA
RF	B28	RGG90X120	1942.95	0.0	U7DYB	0.3	U5EYA
RF	B28	RGG90X120	1992.50	0.0	U7DYB	0.3	U5EYA
RF	B29	RB90X110	0.00	0.0	U7DYB	0.2	U5EYB
RF	B29	RB90X110	50.00	0.0	U7DYB	0.2	U5EYB
RF	B29	RB90X110	100.00	0.0	U7DYB	0.2	U7EYB
RF	B29	RB90X110	150.00	0.0	U7DYB	0.1	U7EYB

RF	B29	RB90X110	200.00	0.0	U7DYB	0.1	U5DYB
RF	B29	RB90X110	250.00	0.0	U7DYB	0.1	U5DYB
RF	B29	RB90X110	300.00	0.0	U7DYB	0.1	U5DYB
RF	B29	RB90X110	350.00	0.0	U7DYB	0.1	U5DYB
RF	B29	RB90X110	400.00	0.0	U7DYB	0.1	U5DYB
RF	B29	RB90X110	450.00	0.0	U7DYB	0.1	U5DYB
RF	B29	RB90X110	500.00	0.0	U7DYB	9.911E-02	U5DYB
RF	B29	RB90X110	550.00	0.0	U7DYB	9.788E-02	U5DYB
RF	B29	RB90X110	600.00	0.0	U7DYB	9.665E-02	U5DYB
RF	B29	RB90X110	650.00	0.0	U7DYB	9.543E-02	U5DYB
RF	B29	RB90X110	700.00	0.0	U7DYB	9.420E-02	U5DYB
RF	B29	RB90X110	750.00	0.0	U7DYB	9.297E-02	U5DYB
RF	B29	RB90X110	800.00	0.0	U7DYB	9.193E-02	U5DYB
RF	B29	RB90X110	850.00	0.0	U7DYB	9.316E-02	U5DYB
RF	B29	RB90X110	900.00	0.0	U7DYB	9.439E-02	U5DYB
RF	B29	RB90X110	950.00	0.0	U7DYB	9.561E-02	U5DYB
RF	B29	RB90X110	1000.00	0.0	U7DYB	9.684E-02	U5DYB
RF	B29	RB90X110	1050.00	0.0	U7DYB	9.807E-02	U5DYB
RF	B29	RB90X110	1100.00	0.0	U7DYB	9.930E-02	U5DYB
RF	B29	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B29	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B29	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B29	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B29	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B29	RB90X110	1400.00	0.0	U7DYB	0.1	U7EYB
RF	B29	RB90X110	1450.00	0.0	U7DYB	0.2	U5EYB
RF	B29	RB90X110	1500.00	0.0	U7DYB	0.2	U5EYB
RF	B29	RB90X110	1550.00	0.0	U7DYB	0.3	U5EYB
RF	B29	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B29	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B29	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B29	RB90X110	1750.00	0.0	U7DYB	0.3	U5EYB
RF	B29	RB90X110	1800.00	0.0	U7DYB	0.3	U5EYB
RF	B29	RB90X110	1850.00	0.0	U7DYB	0.4	U5EYB
RF	B29	RB90X110	1900.00	0.0	U7DYB	0.4	U5EYB
RF	B29	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B29	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B29	RB90X110	2050.00	0.0	U7DYB	0.4	U5EYB
RF	B30	RGG90X120	60.00	0.0	U7DYB	0.3	U5EYA
RF	B30	RGG90X120	109.55	0.0	U7DYB	0.3	U5EYA
RF	B30	RGG90X120	159.10	0.0	U7DYB	0.3	U5EYA
RF	B30	RGG90X120	208.65	0.0	U7DYB	0.3	U5EYA
RF	B30	RGG90X120	258.21	0.0	U7DYB	0.2	U5EYA
RF	B30	RGG90X120	307.76	0.0	U7DYB	0.2	U5EYA
RF	B30	RGG90X120	357.31	0.0	U7DYB	0.2	U5EYA
RF	B30	RGG90X120	406.86	0.0	U7DYB	0.1	U7EYA
RF	B30	RGG90X120	456.41	0.0	U7DYB	0.1	U7EYA
RF	B30	RGG90X120	505.96	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	555.51	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	605.06	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	654.62	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	704.17	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	753.72	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	803.27	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	852.82	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	902.37	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	951.92	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	1001.47	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	1051.03	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	1100.58	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	1150.13	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	1199.68	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	1249.23	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	1298.78	0.0	U7DYB	0.1	U5DYB

RF	B30	RGG90X120	1348.33	0.0	U7DYB	0.1	U5DYB
RF	B30	RGG90X120	1397.88	0.0	U7DYB	0.1	U7EYA
RF	B30	RGG90X120	1447.44	0.0	U7DYB	0.2	U5EYA
RF	B30	RGG90X120	1496.99	0.0	U7DYB	0.2	U5EYA
RF	B30	RGG90X120	1546.54	0.0	U7DYB	0.2	U5EYA
RF	B30	RGG90X120	1596.09	0.0	U7DYB	0.2	U5EYA
RF	B30	RGG90X120	1645.64	0.0	U7DYB	0.3	U5EYA
RF	B30	RGG90X120	1695.19	0.0	U7DYB	0.3	U5EYA
RF	B30	RGG90X120	1744.74	0.0	U7DYB	0.3	U5EYA
RF	B30	RGG90X120	1794.29	0.0	U7DYB	0.3	U5EYA
RF	B30	RGG90X120	1843.85	0.0	U7DYB	0.3	U5EYA
RF	B30	RGG90X120	1893.40	0.0	U7DYB	0.3	U5EYA
RF	B30	RGG90X120	1942.95	0.0	U7DYB	0.4	U5EYA
RF	B30	RGG90X120	1992.50	0.0	U7DYB	0.4	U5EYA
RF	B31	RB90X110	0.00	0.0	U7DYB	0.2	U5EYB
RF	B31	RB90X110	50.00	0.0	U7DYB	0.2	U5EYB
RF	B31	RB90X110	100.00	0.0	U7DYB	0.2	U7EYB
RF	B31	RB90X110	150.00	0.0	U7DYB	0.1	U7EYB
RF	B31	RB90X110	200.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	250.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	300.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	350.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	400.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	450.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	500.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	550.00	0.0	U7DYB	9.888E-02	U5DYB
RF	B31	RB90X110	600.00	0.0	U7DYB	9.765E-02	U5DYB
RF	B31	RB90X110	650.00	0.0	U7DYB	9.642E-02	U5DYB
RF	B31	RB90X110	700.00	0.0	U7DYB	9.519E-02	U5DYB
RF	B31	RB90X110	750.00	0.0	U7DYB	9.397E-02	U5DYB
RF	B31	RB90X110	800.00	0.0	U7DYB	9.417E-02	U5DYB
RF	B31	RB90X110	850.00	0.0	U7DYB	9.540E-02	U5DYB
RF	B31	RB90X110	900.00	0.0	U7DYB	9.662E-02	U5DYB
RF	B31	RB90X110	950.00	0.0	U7DYB	9.785E-02	U5DYB
RF	B31	RB90X110	1000.00	0.0	U7DYB	9.908E-02	U5DYB
RF	B31	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	1100.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B31	RB90X110	1400.00	0.0	U7DYB	0.1	U7EYB
RF	B31	RB90X110	1450.00	0.0	U7DYB	0.2	U5EYB
RF	B31	RB90X110	1500.00	0.0	U7DYB	0.2	U5EYB
RF	B31	RB90X110	1550.00	0.0	U7DYB	0.3	U5EYB
RF	B31	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B31	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B31	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B31	RB90X110	1750.00	0.0	U7DYB	0.3	U5EYB
RF	B31	RB90X110	1800.00	0.0	U7DYB	0.4	U5EYB
RF	B31	RB90X110	1850.00	0.0	U7DYB	0.4	U5EYB
RF	B31	RB90X110	1900.00	0.0	U7DYB	0.4	U5EYB
RF	B31	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B31	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B31	RB90X110	2050.00	0.0	U7DYB	0.4	U5EYB
RF	B32	RGG90X120	60.00	0.0	U7DYB	0.3	U5EYA
RF	B32	RGG90X120	109.55	0.0	U7DYB	0.3	U5EYA
RF	B32	RGG90X120	159.10	0.0	U7DYB	0.3	U5EYA
RF	B32	RGG90X120	208.65	0.0	U7DYB	0.3	U5EYA
RF	B32	RGG90X120	258.21	0.0	U7DYB	0.2	U5EYA
RF	B32	RGG90X120	307.76	0.0	U7DYB	0.2	U5EYA
RF	B32	RGG90X120	357.31	0.0	U7DYB	0.2	U5EYA

RF	B32	RGG90X120	406.86	0.0	U7DYB	0.1	U7EYA
RF	B32	RGG90X120	456.41	0.0	U7DYB	0.1	U7EYA
RF	B32	RGG90X120	505.96	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	555.51	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	605.06	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	654.62	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	704.17	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	753.72	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	803.27	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	852.82	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	902.37	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	951.92	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	1001.47	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	1051.03	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	1100.58	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	1150.13	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	1199.68	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	1249.23	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	1298.78	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	1348.33	0.0	U7DYB	0.1	U5DYB
RF	B32	RGG90X120	1397.88	0.0	U7DYB	0.1	U7EYA
RF	B32	RGG90X120	1447.44	0.0	U7DYB	0.2	U5EYA
RF	B32	RGG90X120	1496.99	0.0	U7DYB	0.2	U5EYA
RF	B32	RGG90X120	1546.54	0.0	U7DYB	0.2	U5EYA
RF	B32	RGG90X120	1596.09	0.0	U7DYB	0.2	U5EYA
RF	B32	RGG90X120	1645.64	0.0	U7DYB	0.3	U5EYA
RF	B32	RGG90X120	1695.19	0.0	U7DYB	0.3	U5EYA
RF	B32	RGG90X120	1744.74	0.0	U7DYB	0.3	U5EYA
RF	B32	RGG90X120	1794.29	0.0	U7DYB	0.3	U5EYA
RF	B32	RGG90X120	1843.85	0.0	U7DYB	0.3	U5EYA
RF	B32	RGG90X120	1893.40	0.0	U7DYB	0.3	U5EYA
RF	B32	RGG90X120	1942.95	0.0	U7DYB	0.4	U5EYA
RF	B32	RGG90X120	1992.50	0.0	U7DYB	0.4	U5EYA

RF	B33	RB90X110	0.00	0.0	U7DYB	0.2	U5EYB
RF	B33	RB90X110	50.00	0.0	U7DYB	0.2	U5EYB
RF	B33	RB90X110	100.00	0.0	U7DYB	0.2	U7EYB
RF	B33	RB90X110	150.00	0.0	U7DYB	0.1	U7EYB
RF	B33	RB90X110	200.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	250.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	300.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	350.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	400.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	450.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	500.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	550.00	0.0	U7DYB	9.886E-02	U5DYB
RF	B33	RB90X110	600.00	0.0	U7DYB	9.764E-02	U5DYB
RF	B33	RB90X110	650.00	0.0	U7DYB	9.641E-02	U5DYB
RF	B33	RB90X110	700.00	0.0	U7DYB	9.518E-02	U5DYB
RF	B33	RB90X110	750.00	0.0	U7DYB	9.395E-02	U5DYB
RF	B33	RB90X110	800.00	0.0	U7DYB	9.411E-02	U5DYB
RF	B33	RB90X110	850.00	0.0	U7DYB	9.534E-02	U5DYB
RF	B33	RB90X110	900.00	0.0	U7DYB	9.656E-02	U5DYB
RF	B33	RB90X110	950.00	0.0	U7DYB	9.779E-02	U5DYB
RF	B33	RB90X110	1000.00	0.0	U7DYB	9.902E-02	U5DYB
RF	B33	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	1100.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B33	RB90X110	1400.00	0.0	U7DYB	0.1	U7EYB
RF	B33	RB90X110	1450.00	0.0	U7DYB	0.2	U5EYB
RF	B33	RB90X110	1500.00	0.0	U7DYB	0.2	U5EYB

RF	B33	RB90X110	1550.00	0.0	U7DYB	0.3	U5EYB
RF	B33	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B33	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B33	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B33	RB90X110	1750.00	0.0	U7DYB	0.3	U5EYB
RF	B33	RB90X110	1800.00	0.0	U7DYB	0.4	U5EYB
RF	B33	RB90X110	1850.00	0.0	U7DYB	0.4	U5EYB
RF	B33	RB90X110	1900.00	0.0	U7DYB	0.4	U5EYB
RF	B33	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B33	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B33	RB90X110	2050.00	0.0	U7DYB	0.4	U5EYB
RF	B34	RGG90X120	60.00	0.0	U7DYB	0.3	U5EYA
RF	B34	RGG90X120	109.55	0.0	U7DYB	0.3	U5EYA
RF	B34	RGG90X120	159.10	0.0	U7DYB	0.3	U5EYA
RF	B34	RGG90X120	208.65	0.0	U7DYB	0.3	U5EYA
RF	B34	RGG90X120	258.21	0.0	U7DYB	0.2	U5EYA
RF	B34	RGG90X120	307.76	0.0	U7DYB	0.2	U5EYA
RF	B34	RGG90X120	357.31	0.0	U7DYB	0.2	U5EYA
RF	B34	RGG90X120	406.86	0.0	U7DYB	0.1	U7EYA
RF	B34	RGG90X120	456.41	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	505.96	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	555.51	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	605.06	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	654.62	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	704.17	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	753.72	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	803.27	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	852.82	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	902.37	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	951.92	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	1001.47	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	1051.03	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	1100.58	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	1150.13	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	1199.68	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	1249.23	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	1298.78	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	1348.33	0.0	U7DYB	0.1	U5DYB
RF	B34	RGG90X120	1397.88	0.0	U7DYB	0.1	U7EYA
RF	B34	RGG90X120	1447.44	0.0	U7DYB	0.2	U5EYA
RF	B34	RGG90X120	1496.99	0.0	U7DYB	0.2	U5EYA
RF	B34	RGG90X120	1546.54	0.0	U7DYB	0.2	U5EYA
RF	B34	RGG90X120	1596.09	0.0	U7DYB	0.2	U5EYA
RF	B34	RGG90X120	1645.64	0.0	U7DYB	0.3	U5EYA
RF	B34	RGG90X120	1695.19	0.0	U7DYB	0.3	U5EYA
RF	B34	RGG90X120	1744.74	0.0	U7DYB	0.3	U5EYA
RF	B34	RGG90X120	1794.29	0.0	U7DYB	0.3	U5EYA
RF	B34	RGG90X120	1843.85	0.0	U7DYB	0.3	U5EYA
RF	B34	RGG90X120	1893.40	0.0	U7DYB	0.3	U5EYA
RF	B34	RGG90X120	1942.95	0.0	U7DYB	0.4	U5EYA
RF	B34	RGG90X120	1992.50	0.0	U7DYB	0.4	U5EYA
RF	B35	RB90X110	0.00	0.0	U7DYB	0.2	U5EYB
RF	B35	RB90X110	50.00	0.0	U7DYB	0.2	U5EYB
RF	B35	RB90X110	100.00	0.0	U7DYB	0.2	U7EYB
RF	B35	RB90X110	150.00	0.0	U7DYB	0.1	U7EYB
RF	B35	RB90X110	200.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	250.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	300.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	350.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	400.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	450.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	500.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	550.00	0.0	U7DYB	9.884E-02	U5DYB

RF	B35	RB90X110	600.00	0.0	U7DYB	9.761E-02	U5DYB
RF	B35	RB90X110	650.00	0.0	U7DYB	9.638E-02	U5DYB
RF	B35	RB90X110	700.00	0.0	U7DYB	9.516E-02	U5DYB
RF	B35	RB90X110	750.00	0.0	U7DYB	9.393E-02	U5DYB
RF	B35	RB90X110	800.00	0.0	U7DYB	9.407E-02	U5DYB
RF	B35	RB90X110	850.00	0.0	U7DYB	9.530E-02	U5DYB
RF	B35	RB90X110	900.00	0.0	U7DYB	9.652E-02	U5DYB
RF	B35	RB90X110	950.00	0.0	U7DYB	9.775E-02	U5DYB
RF	B35	RB90X110	1000.00	0.0	U7DYB	9.898E-02	U5DYB
RF	B35	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	1100.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B35	RB90X110	1400.00	0.0	U7DYB	0.1	U7EYB
RF	B35	RB90X110	1450.00	0.0	U7DYB	0.2	U5EYB
RF	B35	RB90X110	1500.00	0.0	U7DYB	0.2	U5EYB
RF	B35	RB90X110	1550.00	0.0	U7DYB	0.3	U5EYB
RF	B35	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B35	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B35	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B35	RB90X110	1750.00	0.0	U7DYB	0.3	U5EYB
RF	B35	RB90X110	1800.00	0.0	U7DYB	0.4	U5EYB
RF	B35	RB90X110	1850.00	0.0	U7DYB	0.4	U5EYB
RF	B35	RB90X110	1900.00	0.0	U7DYB	0.4	U5EYB
RF	B35	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B35	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B35	RB90X110	2050.00	0.0	U7DYB	0.4	U5EYB
RF	B36	RGG90X120	60.00	0.0	U7DYB	0.3	U5EYA
RF	B36	RGG90X120	109.55	0.0	U7DYB	0.3	U5EYA
RF	B36	RGG90X120	159.10	0.0	U7DYB	0.3	U5EYA
RF	B36	RGG90X120	208.65	0.0	U7DYB	0.2	U5EYA
RF	B36	RGG90X120	258.21	0.0	U7DYB	0.2	U5EYA
RF	B36	RGG90X120	307.76	0.0	U7DYB	0.2	U5EYA
RF	B36	RGG90X120	357.31	0.0	U7DYB	0.2	U5EYA
RF	B36	RGG90X120	406.86	0.0	U7DYB	0.1	U7EYA
RF	B36	RGG90X120	456.41	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	505.96	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	555.51	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	605.06	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	654.62	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	704.17	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	753.72	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	803.27	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	852.82	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	902.37	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	951.92	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	1001.47	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	1051.03	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	1100.58	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	1150.13	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	1199.68	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	1249.23	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	1298.78	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	1348.33	0.0	U7DYB	0.1	U5DYB
RF	B36	RGG90X120	1397.88	0.0	U7DYB	0.1	U7EYA
RF	B36	RGG90X120	1447.44	0.0	U7DYB	0.2	U5EYA
RF	B36	RGG90X120	1496.99	0.0	U7DYB	0.2	U5EYA
RF	B36	RGG90X120	1546.54	0.0	U7DYB	0.2	U5EYA
RF	B36	RGG90X120	1596.09	0.0	U7DYB	0.2	U5EYA
RF	B36	RGG90X120	1645.64	0.0	U7DYB	0.3	U5EYA
RF	B36	RGG90X120	1695.19	0.0	U7DYB	0.3	U5EYA

RF	B36	RGG90X120	1744.74	0.0	U7DYB	0.3	U5EYA
RF	B36	RGG90X120	1794.29	0.0	U7DYB	0.3	U5EYA
RF	B36	RGG90X120	1843.85	0.0	U7DYB	0.3	U5EYA
RF	B36	RGG90X120	1893.40	0.0	U7DYB	0.3	U5EYA
RF	B36	RGG90X120	1942.95	0.0	U7DYB	0.4	U5EYA
RF	B36	RGG90X120	1992.50	0.0	U7DYB	0.4	U5EYA
RF	B37	RB90X110	0.00	0.0	U7DYB	0.2	U5EYB
RF	B37	RB90X110	50.00	0.0	U7DYB	0.2	U5EYB
RF	B37	RB90X110	100.00	0.0	U7DYB	0.2	U7EYB
RF	B37	RB90X110	150.00	0.0	U7DYB	0.1	U7EYB
RF	B37	RB90X110	200.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	250.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	300.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	350.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	400.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	450.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	500.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	550.00	0.0	U7DYB	9.882E-02	U5DYB
RF	B37	RB90X110	600.00	0.0	U7DYB	9.759E-02	U5DYB
RF	B37	RB90X110	650.00	0.0	U7DYB	9.636E-02	U5DYB
RF	B37	RB90X110	700.00	0.0	U7DYB	9.514E-02	U5DYB
RF	B37	RB90X110	750.00	0.0	U7DYB	9.391E-02	U5DYB
RF	B37	RB90X110	800.00	0.0	U7DYB	9.404E-02	U5DYB
RF	B37	RB90X110	850.00	0.0	U7DYB	9.527E-02	U5DYB
RF	B37	RB90X110	900.00	0.0	U7DYB	9.650E-02	U5DYB
RF	B37	RB90X110	950.00	0.0	U7DYB	9.772E-02	U5DYB
RF	B37	RB90X110	1000.00	0.0	U7DYB	9.895E-02	U5DYB
RF	B37	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	1100.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B37	RB90X110	1400.00	0.0	U7DYB	0.1	U7EYB
RF	B37	RB90X110	1450.00	0.0	U7DYB	0.2	U5EYB
RF	B37	RB90X110	1500.00	0.0	U7DYB	0.2	U5EYB
RF	B37	RB90X110	1550.00	0.0	U7DYB	0.3	U5EYB
RF	B37	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B37	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B37	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B37	RB90X110	1750.00	0.0	U7DYB	0.3	U5EYB
RF	B37	RB90X110	1800.00	0.0	U7DYB	0.4	U5EYB
RF	B37	RB90X110	1850.00	0.0	U7DYB	0.4	U5EYB
RF	B37	RB90X110	1900.00	0.0	U7DYB	0.4	U5EYB
RF	B37	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B37	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B37	RB90X110	2050.00	0.0	U7DYB	0.4	U5EYB
RF	B38	RGG90X120	60.00	0.0	U7DYB	0.3	U5EYA
RF	B38	RGG90X120	109.55	0.0	U7DYB	0.3	U5EYA
RF	B38	RGG90X120	159.10	0.0	U7DYB	0.3	U5EYA
RF	B38	RGG90X120	208.65	0.0	U7DYB	0.2	U5EYA
RF	B38	RGG90X120	258.21	0.0	U7DYB	0.2	U5EYA
RF	B38	RGG90X120	307.76	0.0	U7DYB	0.2	U5EYA
RF	B38	RGG90X120	357.31	0.0	U7DYB	0.2	U5EYA
RF	B38	RGG90X120	406.86	0.0	U7DYB	0.1	U7EYA
RF	B38	RGG90X120	456.41	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	505.96	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	555.51	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	605.06	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	654.62	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	704.17	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	753.72	0.0	U7DYB	0.1	U5DYB

RF	B38	RGG90X120	803.27	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	852.82	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	902.37	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	951.92	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	1001.47	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	1051.03	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	1100.58	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	1150.13	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	1199.68	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	1249.23	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	1298.78	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	1348.33	0.0	U7DYB	0.1	U5DYB
RF	B38	RGG90X120	1397.88	0.0	U7DYB	0.1	U7EYA
RF	B38	RGG90X120	1447.44	0.0	U7DYB	0.2	U5EYA
RF	B38	RGG90X120	1496.99	0.0	U7DYB	0.2	U5EYA
RF	B38	RGG90X120	1546.54	0.0	U7DYB	0.2	U5EYA
RF	B38	RGG90X120	1596.09	0.0	U7DYB	0.2	U5EYA
RF	B38	RGG90X120	1645.64	0.0	U7DYB	0.3	U5EYA
RF	B38	RGG90X120	1695.19	0.0	U7DYB	0.3	U5EYA
RF	B38	RGG90X120	1744.74	0.0	U7DYB	0.3	U5EYA
RF	B38	RGG90X120	1794.29	0.0	U7DYB	0.3	U5EYA
RF	B38	RGG90X120	1843.85	0.0	U7DYB	0.3	U5EYA
RF	B38	RGG90X120	1893.40	0.0	U7DYB	0.3	U5EYA
RF	B38	RGG90X120	1942.95	0.0	U7DYB	0.4	U5EYA
RF	B38	RGG90X120	1992.50	0.0	U7DYB	0.4	U5EYA

RF	B39	RB90X110	0.00	0.0	U7DYB	0.2	U5EYB
RF	B39	RB90X110	50.00	0.0	U7DYB	0.2	U5EYB
RF	B39	RB90X110	100.00	0.0	U7DYB	0.2	U7EYB
RF	B39	RB90X110	150.00	0.0	U7DYB	0.1	U7EYB
RF	B39	RB90X110	200.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	250.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	300.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	350.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	400.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	450.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	500.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	550.00	0.0	U7DYB	9.880E-02	U5DYB
RF	B39	RB90X110	600.00	0.0	U7DYB	9.757E-02	U5DYB
RF	B39	RB90X110	650.00	0.0	U7DYB	9.635E-02	U5DYB
RF	B39	RB90X110	700.00	0.0	U7DYB	9.512E-02	U5DYB
RF	B39	RB90X110	750.00	0.0	U7DYB	9.389E-02	U5DYB
RF	B39	RB90X110	800.00	0.0	U7DYB	9.402E-02	U5DYB
RF	B39	RB90X110	850.00	0.0	U7DYB	9.525E-02	U5DYB
RF	B39	RB90X110	900.00	0.0	U7DYB	9.647E-02	U5DYB
RF	B39	RB90X110	950.00	0.0	U7DYB	9.770E-02	U5DYB
RF	B39	RB90X110	1000.00	0.0	U7DYB	9.893E-02	U5DYB
RF	B39	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	1100.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B39	RB90X110	1400.00	0.0	U7DYB	0.1	U7EYB
RF	B39	RB90X110	1450.00	0.0	U7DYB	0.2	U5EYB
RF	B39	RB90X110	1500.00	0.0	U7DYB	0.2	U5EYB
RF	B39	RB90X110	1550.00	0.0	U7DYB	0.3	U5EYB
RF	B39	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B39	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B39	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B39	RB90X110	1750.00	0.0	U7DYB	0.3	U5EYB
RF	B39	RB90X110	1800.00	0.0	U7DYB	0.4	U5EYB
RF	B39	RB90X110	1850.00	0.0	U7DYB	0.4	U5EYB
RF	B39	RB90X110	1900.00	0.0	U7DYB	0.4	U5EYB

RF	B39	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B39	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B39	RB90X110	2050.00	0.0	U7DYB	0.4	U5EYB
RF	B40	RGG90X120	60.00	0.0	U7DYB	0.3	U5EYA
RF	B40	RGG90X120	109.55	0.0	U7DYB	0.3	U5EYA
RF	B40	RGG90X120	159.10	0.0	U7DYB	0.3	U5EYA
RF	B40	RGG90X120	208.65	0.0	U7DYB	0.2	U5EYA
RF	B40	RGG90X120	258.21	0.0	U7DYB	0.2	U5EYA
RF	B40	RGG90X120	307.76	0.0	U7DYB	0.2	U5EYA
RF	B40	RGG90X120	357.31	0.0	U7DYB	0.2	U5EYA
RF	B40	RGG90X120	406.86	0.0	U7DYB	0.1	U7EYA
RF	B40	RGG90X120	456.41	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	505.96	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	555.51	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	605.06	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	654.62	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	704.17	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	753.72	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	803.27	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	852.82	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	902.37	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	951.92	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	1001.47	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	1051.03	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	1100.58	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	1150.13	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	1199.68	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	1249.23	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	1298.78	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	1348.33	0.0	U7DYB	0.1	U5DYB
RF	B40	RGG90X120	1397.88	0.0	U7DYB	0.1	U7EYA
RF	B40	RGG90X120	1447.44	0.0	U7DYB	0.2	U5EYA
RF	B40	RGG90X120	1496.99	0.0	U7DYB	0.2	U5EYA
RF	B40	RGG90X120	1546.54	0.0	U7DYB	0.2	U5EYA
RF	B40	RGG90X120	1596.09	0.0	U7DYB	0.2	U5EYA
RF	B40	RGG90X120	1645.64	0.0	U7DYB	0.3	U5EYA
RF	B40	RGG90X120	1695.19	0.0	U7DYB	0.3	U5EYA
RF	B40	RGG90X120	1744.74	0.0	U7DYB	0.3	U5EYA
RF	B40	RGG90X120	1794.29	0.0	U7DYB	0.3	U5EYA
RF	B40	RGG90X120	1843.85	0.0	U7DYB	0.3	U5EYA
RF	B40	RGG90X120	1893.40	0.0	U7DYB	0.3	U5EYA
RF	B40	RGG90X120	1942.95	0.0	U7DYB	0.4	U5EYA
RF	B40	RGG90X120	1992.50	0.0	U7DYB	0.4	U5EYA
RF	B41	RB90X110	0.00	0.0	U7DYB	0.2	U5EYB
RF	B41	RB90X110	50.00	0.0	U7DYB	0.2	U5EYB
RF	B41	RB90X110	100.00	0.0	U7DYB	0.2	U7EYB
RF	B41	RB90X110	150.00	0.0	U7DYB	0.1	U7EYB
RF	B41	RB90X110	200.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	250.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	300.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	350.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	400.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	450.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	500.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	550.00	0.0	U7DYB	9.878E-02	U5DYB
RF	B41	RB90X110	600.00	0.0	U7DYB	9.756E-02	U5DYB
RF	B41	RB90X110	650.00	0.0	U7DYB	9.633E-02	U5DYB
RF	B41	RB90X110	700.00	0.0	U7DYB	9.510E-02	U5DYB
RF	B41	RB90X110	750.00	0.0	U7DYB	9.388E-02	U5DYB
RF	B41	RB90X110	800.00	0.0	U7DYB	9.400E-02	U5DYB
RF	B41	RB90X110	850.00	0.0	U7DYB	9.522E-02	U5DYB
RF	B41	RB90X110	900.00	0.0	U7DYB	9.645E-02	U5DYB
RF	B41	RB90X110	950.00	0.0	U7DYB	9.768E-02	U5DYB

RF	B41	RB90X110	1000.00	0.0	U7DYB	9.891E-02	U5DYB
RF	B41	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	1100.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B41	RB90X110	1400.00	0.0	U7DYB	0.1	U7EYB
RF	B41	RB90X110	1450.00	0.0	U7DYB	0.2	U5EYB
RF	B41	RB90X110	1500.00	0.0	U7DYB	0.2	U5EYB
RF	B41	RB90X110	1550.00	0.0	U7DYB	0.3	U5EYB
RF	B41	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B41	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B41	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B41	RB90X110	1750.00	0.0	U7DYB	0.3	U5EYB
RF	B41	RB90X110	1800.00	0.0	U7DYB	0.4	U5EYB
RF	B41	RB90X110	1850.00	0.0	U7DYB	0.4	U5EYB
RF	B41	RB90X110	1900.00	0.0	U7DYB	0.4	U5EYB
RF	B41	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B41	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B41	RB90X110	2050.00	0.0	U7DYB	0.4	U5EYB
RF	B42	RGG90X120	60.00	0.0	U7DYB	0.3	U5EYA
RF	B42	RGG90X120	109.55	0.0	U7DYB	0.3	U5EYA
RF	B42	RGG90X120	159.10	0.0	U7DYB	0.3	U5EYA
RF	B42	RGG90X120	208.65	0.0	U7DYB	0.2	U5EYA
RF	B42	RGG90X120	258.21	0.0	U7DYB	0.2	U5EYA
RF	B42	RGG90X120	307.76	0.0	U7DYB	0.2	U5EYA
RF	B42	RGG90X120	357.31	0.0	U7DYB	0.2	U5EYA
RF	B42	RGG90X120	406.86	0.0	U7DYB	0.1	U7EYA
RF	B42	RGG90X120	456.41	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	505.96	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	555.51	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	605.06	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	654.62	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	704.17	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	753.72	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	803.27	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	852.82	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	902.37	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	951.92	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	1001.47	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	1051.03	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	1100.58	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	1150.13	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	1199.68	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	1249.23	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	1298.78	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	1348.33	0.0	U7DYB	0.1	U5DYB
RF	B42	RGG90X120	1397.88	0.0	U7DYB	0.1	U7EYA
RF	B42	RGG90X120	1447.44	0.0	U7DYB	0.2	U5EYA
RF	B42	RGG90X120	1496.99	0.0	U7DYB	0.2	U5EYA
RF	B42	RGG90X120	1546.54	0.0	U7DYB	0.2	U5EYA
RF	B42	RGG90X120	1596.09	0.0	U7DYB	0.2	U5EYA
RF	B42	RGG90X120	1645.64	0.0	U7DYB	0.3	U5EYA
RF	B42	RGG90X120	1695.19	0.0	U7DYB	0.3	U5EYA
RF	B42	RGG90X120	1744.74	0.0	U7DYB	0.3	U5EYA
RF	B42	RGG90X120	1794.29	0.0	U7DYB	0.3	U5EYA
RF	B42	RGG90X120	1843.85	0.0	U7DYB	0.3	U5EYA
RF	B42	RGG90X120	1893.40	0.0	U7DYB	0.3	U5EYA
RF	B42	RGG90X120	1942.95	0.0	U7DYB	0.3	U5EYA
RF	B42	RGG90X120	1992.50	0.0	U7DYB	0.4	U5EYA
RF	B43	RB90X110	0.00	0.0	U7DYB	0.2	U5EYB

RF	B43	RB90X110	50.00	0.0	U7DYB	0.2	U5EYB
RF	B43	RB90X110	100.00	0.0	U7DYB	0.2	U7EYB
RF	B43	RB90X110	150.00	0.0	U7DYB	0.1	U7EYB
RF	B43	RB90X110	200.00	0.0	U7DYB	0.1	U5DYB
RF	B43	RB90X110	250.00	0.0	U7DYB	0.1	U5DYB
RF	B43	RB90X110	300.00	0.0	U7DYB	0.1	U5DYB
RF	B43	RB90X110	350.00	0.0	U7DYB	0.1	U5DYB
RF	B43	RB90X110	400.00	0.0	U7DYB	0.1	U5DYB
RF	B43	RB90X110	450.00	0.0	U7DYB	0.1	U5DYB
RF	B43	RB90X110	500.00	0.0	U7DYB	1.000E-01	U5DYB
RF	B43	RB90X110	550.00	0.0	U7DYB	9.877E-02	U5DYB
RF	B43	RB90X110	600.00	0.0	U7DYB	9.754E-02	U5DYB
RF	B43	RB90X110	650.00	0.0	U7DYB	9.631E-02	U5DYB
RF	B43	RB90X110	700.00	0.0	U7DYB	9.509E-02	U5DYB
RF	B43	RB90X110	750.00	0.0	U7DYB	9.386E-02	U5DYB
RF	B43	RB90X110	800.00	0.0	U7DYB	9.398E-02	U5DYB
RF	B43	RB90X110	850.00	0.0	U7DYB	9.520E-02	U5DYB
RF	B43	RB90X110	900.00	0.0	U7DYB	9.643E-02	U5DYB
RF	B43	RB90X110	950.00	0.0	U7DYB	9.766E-02	U5DYB
RF	B43	RB90X110	1000.00	0.0	U7DYB	9.889E-02	U5DYB
RF	B43	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB
RF	B43	RB90X110	1100.00	0.0	U7DYB	0.1	U5DYB
RF	B43	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B43	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B43	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B43	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B43	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B43	RB90X110	1400.00	0.0	U7DYB	0.1	U7EYB
RF	B43	RB90X110	1450.00	0.0	U7DYB	0.2	U5EYB
RF	B43	RB90X110	1500.00	0.0	U7DYB	0.2	U5EYB
RF	B43	RB90X110	1550.00	0.0	U7DYB	0.3	U5EYB
RF	B43	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B43	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B43	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B43	RB90X110	1750.00	0.0	U7DYB	0.3	U5EYB
RF	B43	RB90X110	1800.00	0.0	U7DYB	0.4	U5EYB
RF	B43	RB90X110	1850.00	0.0	U7DYB	0.4	U5EYB
RF	B43	RB90X110	1900.00	0.0	U7DYB	0.4	U5EYB
RF	B43	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B43	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B43	RB90X110	2050.00	0.0	U7DYB	0.4	U5EYB
RF	B44	RGG90X120	60.00	0.0	U7DYB	0.3	U5EYA
RF	B44	RGG90X120	109.55	0.0	U7DYB	0.3	U5EYA
RF	B44	RGG90X120	159.10	0.0	U7DYB	0.3	U5EYA
RF	B44	RGG90X120	208.65	0.0	U7DYB	0.2	U5EYA
RF	B44	RGG90X120	258.21	0.0	U7DYB	0.2	U5EYA
RF	B44	RGG90X120	307.76	0.0	U7DYB	0.2	U5EYA
RF	B44	RGG90X120	357.31	0.0	U7DYB	0.2	U5EYA
RF	B44	RGG90X120	406.86	0.0	U7DYB	0.1	U7EYA
RF	B44	RGG90X120	456.41	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	505.96	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	555.51	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	605.06	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	654.62	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	704.17	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	753.72	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	803.27	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	852.82	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	902.37	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	951.92	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	1001.47	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	1051.03	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	1100.58	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	1150.13	0.0	U7DYB	0.1	U5DYB

RF	B44	RGG90X120	1199.68	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	1249.23	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	1298.78	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	1348.33	0.0	U7DYB	0.1	U5DYB
RF	B44	RGG90X120	1397.88	0.0	U7DYB	0.1	U7EYA
RF	B44	RGG90X120	1447.44	0.0	U7DYB	0.2	U5EYA
RF	B44	RGG90X120	1496.99	0.0	U7DYB	0.2	U5EYA
RF	B44	RGG90X120	1546.54	0.0	U7DYB	0.2	U5EYA
RF	B44	RGG90X120	1596.09	0.0	U7DYB	0.2	U5EYA
RF	B44	RGG90X120	1645.64	0.0	U7DYB	0.3	U5EYA
RF	B44	RGG90X120	1695.19	0.0	U7DYB	0.3	U5EYA
RF	B44	RGG90X120	1744.74	0.0	U7DYB	0.3	U5EYA
RF	B44	RGG90X120	1794.29	0.0	U7DYB	0.3	U5EYA
RF	B44	RGG90X120	1843.85	0.0	U7DYB	0.3	U5EYA
RF	B44	RGG90X120	1893.40	0.0	U7DYB	0.3	U5EYA
RF	B44	RGG90X120	1942.95	0.0	U7DYB	0.3	U5EYA
RF	B44	RGG90X120	1992.50	0.0	U7DYB	0.4	U5EYA
RF	B45	RB90X110	0.00	0.0	U7DYB	0.2	U5EYB
RF	B45	RB90X110	50.00	0.0	U7DYB	0.2	U5EYB
RF	B45	RB90X110	100.00	0.0	U7DYB	0.2	U7EYB
RF	B45	RB90X110	150.00	0.0	U7DYB	0.1	U7EYB
RF	B45	RB90X110	200.00	0.0	U7DYB	0.1	U5DYB
RF	B45	RB90X110	250.00	0.0	U7DYB	0.1	U5DYB
RF	B45	RB90X110	300.00	0.0	U7DYB	0.1	U5DYB
RF	B45	RB90X110	350.00	0.0	U7DYB	0.1	U5DYB
RF	B45	RB90X110	400.00	0.0	U7DYB	0.1	U5DYB
RF	B45	RB90X110	450.00	0.0	U7DYB	0.1	U5DYB
RF	B45	RB90X110	500.00	0.0	U7DYB	9.996E-02	U5DYB
RF	B45	RB90X110	550.00	0.0	U7DYB	9.874E-02	U5DYB
RF	B45	RB90X110	600.00	0.0	U7DYB	9.751E-02	U5DYB
RF	B45	RB90X110	650.00	0.0	U7DYB	9.628E-02	U5DYB
RF	B45	RB90X110	700.00	0.0	U7DYB	9.505E-02	U5DYB
RF	B45	RB90X110	750.00	0.0	U7DYB	9.383E-02	U5DYB
RF	B45	RB90X110	800.00	0.0	U7DYB	9.394E-02	U5DYB
RF	B45	RB90X110	850.00	0.0	U7DYB	9.516E-02	U5DYB
RF	B45	RB90X110	900.00	0.0	U7DYB	9.639E-02	U5DYB
RF	B45	RB90X110	950.00	0.0	U7DYB	9.762E-02	U5DYB
RF	B45	RB90X110	1000.00	0.0	U7DYB	9.885E-02	U5DYB
RF	B45	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB
RF	B45	RB90X110	1100.00	0.0	U7DYB	0.1	U5DYB
RF	B45	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B45	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B45	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B45	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B45	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B45	RB90X110	1400.00	0.0	U7DYB	0.1	U7EYB
RF	B45	RB90X110	1450.00	0.0	U7DYB	0.2	U5EYB
RF	B45	RB90X110	1500.00	0.0	U7DYB	0.2	U5EYB
RF	B45	RB90X110	1550.00	0.0	U7DYB	0.3	U5EYB
RF	B45	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B45	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B45	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B45	RB90X110	1750.00	0.0	U7DYB	0.3	U5EYB
RF	B45	RB90X110	1800.00	0.0	U7DYB	0.3	U5EYB
RF	B45	RB90X110	1850.00	0.0	U7DYB	0.4	U5EYB
RF	B45	RB90X110	1900.00	0.0	U7DYB	0.4	U5EYB
RF	B45	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B45	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B45	RB90X110	2050.00	0.0	U7DYB	0.4	U5EYB
RF	B46	RGG90X120	60.00	0.0	U7DYB	0.3	U5EYA
RF	B46	RGG90X120	109.55	0.0	U7DYB	0.3	U5EYA
RF	B46	RGG90X120	159.10	0.0	U7DYB	0.3	U5EYA
RF	B46	RGG90X120	208.65	0.0	U7DYB	0.2	U5EYA

RF	B46	RGG90X120	258.21	0.0	U7DYB	0.2 U5EYA
RF	B46	RGG90X120	307.76	0.0	U7DYB	0.2 U5EYA
RF	B46	RGG90X120	357.31	0.0	U7DYB	0.2 U5EYA
RF	B46	RGG90X120	406.86	0.0	U7DYB	0.1 U7EYA
RF	B46	RGG90X120	456.41	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	505.96	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	555.51	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	605.06	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	654.62	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	704.17	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	753.72	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	803.27	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	852.82	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	902.37	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	951.92	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	1001.47	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	1051.03	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	1100.58	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	1150.13	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	1199.68	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	1249.23	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	1298.78	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	1348.33	0.0	U7DYB	0.1 U5DYB
RF	B46	RGG90X120	1397.88	0.0	U7DYB	0.1 U7EYA
RF	B46	RGG90X120	1447.44	0.0	U7DYB	0.2 U5EYA
RF	B46	RGG90X120	1496.99	0.0	U7DYB	0.2 U5EYA
RF	B46	RGG90X120	1546.54	0.0	U7DYB	0.2 U5EYA
RF	B46	RGG90X120	1596.09	0.0	U7DYB	0.2 U5EYA
RF	B46	RGG90X120	1645.64	0.0	U7DYB	0.2 U5EYA
RF	B46	RGG90X120	1695.19	0.0	U7DYB	0.3 U5EYA
RF	B46	RGG90X120	1744.74	0.0	U7DYB	0.3 U5EYA
RF	B46	RGG90X120	1794.29	0.0	U7DYB	0.3 U5EYA
RF	B46	RGG90X120	1843.85	0.0	U7DYB	0.3 U5EYA
RF	B46	RGG90X120	1893.40	0.0	U7DYB	0.3 U5EYA
RF	B46	RGG90X120	1942.95	0.0	U7DYB	0.3 U5EYA
RF	B46	RGG90X120	1992.50	0.0	U7DYB	0.3 U5EYA

RF	B47	RB90X110	0.00	0.0	U7DYB	0.2 U5EYB
RF	B47	RB90X110	50.00	0.0	U7DYB	0.2 U5EYB
RF	B47	RB90X110	100.00	0.0	U7DYB	0.1 U7EYB
RF	B47	RB90X110	150.00	0.0	U7DYB	0.1 U7EYB
RF	B47	RB90X110	200.00	0.0	U7DYB	9.689E-02 U5DYB
RF	B47	RB90X110	250.00	0.0	U7DYB	9.584E-02 U5DYB
RF	B47	RB90X110	300.00	0.0	U7DYB	9.480E-02 U5DYB
RF	B47	RB90X110	350.00	0.0	U7DYB	9.376E-02 U5DYB
RF	B47	RB90X110	400.00	0.0	U7DYB	9.271E-02 U5DYB
RF	B47	RB90X110	450.00	0.0	U7DYB	9.167E-02 U5DYB
RF	B47	RB90X110	500.00	0.0	U7DYB	9.063E-02 U5DYB
RF	B47	RB90X110	550.00	0.0	U7DYB	8.958E-02 U5DYB
RF	B47	RB90X110	600.00	0.0	U7DYB	8.854E-02 U5DYB
RF	B47	RB90X110	650.00	0.0	U7DYB	8.750E-02 U5DYB
RF	B47	RB90X110	700.00	0.0	U7DYB	8.645E-02 U5DYB
RF	B47	RB90X110	750.00	0.0	U7DYB	8.541E-02 U5DYB
RF	B47	RB90X110	800.00	0.0	U7DYB	8.556E-02 U5DYB
RF	B47	RB90X110	850.00	0.0	U7DYB	8.660E-02 U5DYB
RF	B47	RB90X110	900.00	0.0	U7DYB	8.764E-02 U5DYB
RF	B47	RB90X110	950.00	0.0	U7DYB	8.869E-02 U5DYB
RF	B47	RB90X110	1000.00	0.0	U7DYB	8.973E-02 U5DYB
RF	B47	RB90X110	1050.00	0.0	U7DYB	9.077E-02 U5DYB
RF	B47	RB90X110	1100.00	0.0	U7DYB	9.182E-02 U5DYB
RF	B47	RB90X110	1150.00	0.0	U7DYB	9.286E-02 U5DYB
RF	B47	RB90X110	1200.00	0.0	U7DYB	9.390E-02 U5DYB
RF	B47	RB90X110	1250.00	0.0	U7DYB	9.495E-02 U5DYB
RF	B47	RB90X110	1300.00	0.0	U7DYB	9.599E-02 U5DYB
RF	B47	RB90X110	1350.00	0.0	U7DYB	9.703E-02 U5DYB

RF	B47	RB90X110	1400.00	0.0	U7DYB	0.1	U7EYB
RF	B47	RB90X110	1450.00	0.0	U7DYB	0.2	U5EYB
RF	B47	RB90X110	1500.00	0.0	U7DYB	0.2	U5EYB
RF	B47	RB90X110	1550.00	0.0	U7DYB	0.2	U5EYB
RF	B47	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B47	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B47	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B47	RB90X110	1750.00	0.0	U7DYB	0.3	U5EYB
RF	B47	RB90X110	1800.00	0.0	U7DYB	0.3	U5EYB
RF	B47	RB90X110	1850.00	0.0	U7DYB	0.3	U5EYB
RF	B47	RB90X110	1900.00	0.0	U7DYB	0.3	U5EYB
RF	B47	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B47	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B47	RB90X110	2050.00	0.0	U7DYB	0.4	U5EYB
RF	B48	RGG90X120	60.00	0.0	U7DYB	0.3	U5EYA
RF	B48	RGG90X120	109.55	0.0	U7DYB	0.3	U5EYA
RF	B48	RGG90X120	159.10	0.0	U7DYB	0.3	U5EYA
RF	B48	RGG90X120	208.65	0.0	U7DYB	0.2	U5EYA
RF	B48	RGG90X120	258.21	0.0	U7DYB	0.2	U5EYA
RF	B48	RGG90X120	307.76	0.0	U7DYB	0.2	U5EYA
RF	B48	RGG90X120	357.31	0.0	U7DYB	0.2	U5EYA
RF	B48	RGG90X120	406.86	0.0	U7DYB	0.1	U7EYA
RF	B48	RGG90X120	456.41	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	505.96	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	555.51	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	605.06	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	654.62	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	704.17	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	753.72	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	803.27	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	852.82	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	902.37	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	951.92	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	1001.47	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	1051.03	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	1100.58	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	1150.13	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	1199.68	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	1249.23	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	1298.78	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	1348.33	0.0	U7DYB	0.1	U5DYB
RF	B48	RGG90X120	1397.88	0.0	U7DYB	0.1	U7EYA
RF	B48	RGG90X120	1447.44	0.0	U7DYB	0.1	U7EYA
RF	B48	RGG90X120	1496.99	0.0	U7DYB	0.2	U5EYA
RF	B48	RGG90X120	1546.54	0.0	U7DYB	0.2	U5EYA
RF	B48	RGG90X120	1596.09	0.0	U7DYB	0.2	U5EYA
RF	B48	RGG90X120	1645.64	0.0	U7DYB	0.3	U5EYA
RF	B48	RGG90X120	1695.19	0.0	U7DYB	0.3	U5EYA
RF	B48	RGG90X120	1744.74	0.0	U7DYB	0.3	U5EYA
RF	B48	RGG90X120	1794.29	0.0	U7DYB	0.3	U5EYA
RF	B48	RGG90X120	1843.85	0.0	U7DYB	0.3	U5EYA
RF	B48	RGG90X120	1893.40	0.0	U7DYB	0.3	U5EYA
RF	B48	RGG90X120	1942.95	0.0	U7DYB	0.3	U5EYA
RF	B48	RGG90X120	1992.50	0.0	U7DYB	0.4	U5EYA
RF	B49	RB90X110	0.00	0.0	U7DYB	0.3	U5EYB
RF	B49	RB90X110	50.00	0.0	U7DYB	0.3	U5EYB
RF	B49	RB90X110	100.00	0.0	U7DYB	0.2	U7EYB
RF	B49	RB90X110	150.00	0.0	U7DYB	0.2	U7EYB
RF	B49	RB90X110	200.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	250.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	300.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	350.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	400.00	0.0	U7DYB	0.1	U5DYB

RF	B49	RB90X110	450.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	500.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	550.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	600.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	650.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	700.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	750.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	800.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	850.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	900.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	1000.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	1100.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B49	RB90X110	1400.00	0.0	U7DYB	0.2	U7EYB
RF	B49	RB90X110	1450.00	0.0	U7DYB	0.3	U5EYB
RF	B49	RB90X110	1500.00	0.0	U7DYB	0.3	U5EYB
RF	B49	RB90X110	1550.00	0.0	U7DYB	0.3	U5EYB
RF	B49	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B49	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B49	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B49	RB90X110	1750.00	0.0	U7DYB	0.4	U5EYB
RF	B49	RB90X110	1800.00	0.0	U7DYB	0.4	U5EYB
RF	B49	RB90X110	1850.00	0.0	U7DYB	0.4	U5EYB
RF	B49	RB90X110	1900.00	0.0	U7DYB	0.4	U5EYB
RF	B49	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B49	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B49	RB90X110	2050.00	0.0	U7DYB	0.5	U5EYB
RF	B50	RGG90X120	60.00	0.0	U7DYB	0.3	U5EYA
RF	B50	RGG90X120	109.49	0.0	U7DYB	0.3	U5EYA
RF	B50	RGG90X120	158.97	0.0	U7DYB	0.3	U5EYA
RF	B50	RGG90X120	208.46	0.0	U7DYB	0.3	U5EYA
RF	B50	RGG90X120	257.95	0.0	U7DYB	0.2	U5EYA
RF	B50	RGG90X120	307.44	0.0	U7DYB	0.2	U5EYA
RF	B50	RGG90X120	356.92	0.0	U7DYB	0.2	U5EYA
RF	B50	RGG90X120	406.41	0.0	U7DYB	0.2	U5EYA
RF	B50	RGG90X120	455.90	0.0	U7DYB	0.1	U7EYA
RF	B50	RGG90X120	505.38	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	554.87	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	604.36	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	653.85	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	703.33	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	752.82	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	802.31	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	851.79	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	901.28	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	950.77	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	1000.26	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	1049.74	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	1099.23	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	1148.72	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	1198.21	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	1247.69	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	1297.18	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	1346.67	0.0	U7DYB	0.1	U5DYB
RF	B50	RGG90X120	1396.15	0.0	U7DYB	0.1	U7EYA
RF	B50	RGG90X120	1445.64	0.0	U7DYB	0.1	U7EYA
RF	B50	RGG90X120	1495.13	0.0	U7DYB	0.2	U5EYA
RF	B50	RGG90X120	1544.62	0.0	U7DYB	0.2	U5EYA

RF	B50	RGG90X120	1594.10	0.0	U7DYB	0.2	U5EYA
RF	B50	RGG90X120	1643.59	0.0	U7DYB	0.3	U5EYA
RF	B50	RGG90X120	1693.08	0.0	U7DYB	0.3	U5EYA
RF	B50	RGG90X120	1742.56	0.0	U7DYB	0.3	U5EYA
RF	B50	RGG90X120	1792.05	0.0	U7DYB	0.3	U5EYA
RF	B50	RGG90X120	1841.54	0.0	U7DYB	0.3	U5EYA
RF	B50	RGG90X120	1891.03	0.0	U7DYB	0.3	U5EYA
RF	B50	RGG90X120	1940.51	0.0	U7DYB	0.4	U5EYA
RF	B50	RGG90X120	1990.00	0.0	U7DYB	0.4	U5EYA

RF	B51	RB90X110	0.00	0.0	U7DYB	0.2	U5EYB
RF	B51	RB90X110	50.00	0.0	U7DYB	0.2	U5EYB
RF	B51	RB90X110	100.00	0.0	U7DYB	0.2	U7EYB
RF	B51	RB90X110	150.00	0.0	U7DYB	0.1	U7EYB
RF	B51	RB90X110	200.00	0.0	U7DYB	0.1	U5DYB
RF	B51	RB90X110	250.00	0.0	U7DYB	0.1	U5DYB
RF	B51	RB90X110	300.00	0.0	U7DYB	0.1	U5DYB
RF	B51	RB90X110	350.00	0.0	U7DYB	0.1	U5DYB
RF	B51	RB90X110	400.00	0.0	U7DYB	0.1	U5DYB
RF	B51	RB90X110	450.00	0.0	U7DYB	0.1	U5DYB
RF	B51	RB90X110	500.00	0.0	U7DYB	9.959E-02	U5DYB
RF	B51	RB90X110	550.00	0.0	U7DYB	9.837E-02	U5DYB
RF	B51	RB90X110	600.00	0.0	U7DYB	9.714E-02	U5DYB
RF	B51	RB90X110	650.00	0.0	U7DYB	9.591E-02	U5DYB
RF	B51	RB90X110	700.00	0.0	U7DYB	9.468E-02	U5DYB
RF	B51	RB90X110	750.00	0.0	U7DYB	9.346E-02	U5DYB
RF	B51	RB90X110	800.00	0.0	U7DYB	9.347E-02	U5DYB
RF	B51	RB90X110	850.00	0.0	U7DYB	9.470E-02	U5DYB
RF	B51	RB90X110	900.00	0.0	U7DYB	9.593E-02	U5DYB
RF	B51	RB90X110	950.00	0.0	U7DYB	9.715E-02	U5DYB
RF	B51	RB90X110	1000.00	0.0	U7DYB	9.838E-02	U5DYB
RF	B51	RB90X110	1050.00	0.0	U7DYB	9.961E-02	U5DYB
RF	B51	RB90X110	1100.00	0.0	U7DYB	0.1	U5DYB
RF	B51	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B51	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B51	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B51	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B51	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B51	RB90X110	1400.00	0.0	U7DYB	0.1	U7EYB
RF	B51	RB90X110	1450.00	0.0	U7DYB	0.2	U5EYB
RF	B51	RB90X110	1500.00	0.0	U7DYB	0.2	U5EYB
RF	B51	RB90X110	1550.00	0.0	U7DYB	0.3	U5EYB
RF	B51	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B51	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B51	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B51	RB90X110	1750.00	0.0	U7DYB	0.3	U5EYB
RF	B51	RB90X110	1800.00	0.0	U7DYB	0.3	U5EYB
RF	B51	RB90X110	1850.00	0.0	U7DYB	0.4	U5EYB
RF	B51	RB90X110	1900.00	0.0	U7DYB	0.4	U5EYB
RF	B51	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B51	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B51	RB90X110	2050.00	0.0	U7DYB	0.4	U5EYB

RF	B52	RB90X110	0.00	0.0	U7DYB	0.2	U5EYB
RF	B52	RB90X110	50.00	0.0	U7DYB	0.2	U5EYB
RF	B52	RB90X110	100.00	0.0	U7DYB	0.2	U7EYB
RF	B52	RB90X110	150.00	0.0	U7DYB	0.1	U7EYB
RF	B52	RB90X110	200.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	250.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	300.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	350.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	400.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	450.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	500.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	550.00	0.0	U7DYB	9.955E-02	U5DYB

RF	B52	RB90X110	600.00	0.0	U7DYB	9.833E-02	U5DYB
RF	B52	RB90X110	650.00	0.0	U7DYB	9.710E-02	U5DYB
RF	B52	RB90X110	700.00	0.0	U7DYB	9.587E-02	U5DYB
RF	B52	RB90X110	750.00	0.0	U7DYB	9.464E-02	U5DYB
RF	B52	RB90X110	800.00	0.0	U7DYB	9.471E-02	U5DYB
RF	B52	RB90X110	850.00	0.0	U7DYB	9.593E-02	U5DYB
RF	B52	RB90X110	900.00	0.0	U7DYB	9.716E-02	U5DYB
RF	B52	RB90X110	950.00	0.0	U7DYB	9.839E-02	U5DYB
RF	B52	RB90X110	1000.00	0.0	U7DYB	9.962E-02	U5DYB
RF	B52	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	1100.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B52	RB90X110	1400.00	0.0	U7DYB	0.1	U7EYB
RF	B52	RB90X110	1450.00	0.0	U7DYB	0.2	U5EYB
RF	B52	RB90X110	1500.00	0.0	U7DYB	0.2	U5EYB
RF	B52	RB90X110	1550.00	0.0	U7DYB	0.3	U5EYB
RF	B52	RB90X110	1600.00	0.0	U7DYB	0.3	U5EYB
RF	B52	RB90X110	1650.00	0.0	U7DYB	0.3	U5EYB
RF	B52	RB90X110	1700.00	0.0	U7DYB	0.3	U5EYB
RF	B52	RB90X110	1750.00	0.0	U7DYB	0.3	U5EYB
RF	B52	RB90X110	1800.00	0.0	U7DYB	0.3	U5EYB
RF	B52	RB90X110	1850.00	0.0	U7DYB	0.4	U5EYB
RF	B52	RB90X110	1900.00	0.0	U7DYB	0.4	U5EYB
RF	B52	RB90X110	1950.00	0.0	U7DYB	0.4	U5EYB
RF	B52	RB90X110	2000.00	0.0	U7DYB	0.4	U5EYB
RF	B52	RB90X110	2050.00	0.0	U7DYB	0.4	U5EYB

RF	B61	G90X120	45.00	3.086E-02	U5DXA	0.3	U5EYA
RF	B61	G90X120	93.42	3.086E-02	U5DXA	0.3	U5EYA
RF	B61	G90X120	141.84	3.086E-02	U5DXA	0.3	U5EYA
RF	B61	G90X120	190.26	3.086E-02	U5DXA	0.3	U5EYA
RF	B61	G90X120	238.68	3.086E-02	U5DXA	0.2	U5EYA
RF	B61	G90X120	287.11	3.086E-02	U5DXA	0.2	U5EYA
RF	B61	G90X120	335.53	3.086E-02	U5DXA	0.2	U5EYA
RF	B61	G90X120	383.95	3.086E-02	U5DXA	0.2	U5DYB
RF	B61	G90X120	432.37	3.086E-02	U5DXA	0.2	U5DYB
RF	B61	G90X120	480.79	3.086E-02	U5DXA	0.2	U5DYB
RF	B61	G90X120	529.21	3.086E-02	U5DXA	0.2	U5DYB
RF	B61	G90X120	577.63	3.086E-02	U5DXA	0.2	U5DYB
RF	B61	G90X120	626.05	3.086E-02	U5DXA	0.2	U5EYA
RF	B61	G90X120	674.47	3.086E-02	U5DXA	0.2	U5EYA
RF	B61	G90X120	722.89	3.086E-02	U5DXA	0.2	U5EYA
RF	B61	G90X120	771.32	3.086E-02	U5DXA	0.2	U5EYA
RF	B61	G90X120	819.74	3.086E-02	U5DXA	0.3	U5EYA
RF	B61	G90X120	868.16	3.086E-02	U5DXA	0.3	U5EYA
RF	B61	G90X120	916.58	3.086E-02	U5DXA	0.3	U5EYA
RF	B61	G90X120	965.00	3.086E-02	U5DXA	0.3	U5EYA

RF	B66	RGB90X120	60.00	0.1	U5EYA	0.3	U5DYB
RF	B66	RGB90X120	108.00	0.1	U5EYA	0.3	U5DYB
RF	B66	RGB90X120	156.00	0.1	U5EYA	0.3	U5DYB
RF	B66	RGB90X120	204.00	0.1	U5EYA	0.3	U5DYB
RF	B66	RGB90X120	252.00	0.1	U5EYA	0.3	U5DYB
RF	B66	RGB90X120	300.00	0.1	U5EYA	0.3	U5DYB
RF	B66	RGB90X120	300.00	2.713E-02	U5DYA	0.6	U5DXA
RF	B66	RGB90X120	348.50	2.713E-02	U5DYA	0.6	U5DXA
RF	B66	RGB90X120	397.00	2.713E-02	U5DYA	0.6	U5DXA
RF	B66	RGB90X120	445.50	2.713E-02	U5DYA	0.6	U5DXA
RF	B66	RGB90X120	494.00	2.713E-02	U5DYA	0.6	U5DXA
RF	B66	RGB90X120	542.50	2.713E-02	U5DYA	0.6	U5DXA

RF	B67 RGB90X120	57.50	4.682E-02	U5EYA	0.5	U5DXA
RF	B67 RGB90X120	106.00	4.682E-02	U5EYA	0.5	U5DXA
RF	B67 RGB90X120	154.50	4.682E-02	U5EYA	0.5	U5DXA
RF	B67 RGB90X120	203.00	4.682E-02	U5EYA	0.5	U5DXA
RF	B67 RGB90X120	251.50	4.682E-02	U5EYA	0.5	U5DXA
RF	B67 RGB90X120	300.00	4.682E-02	U5EYA	0.5	U5DXA
RF	B67 RGB90X120	300.00	6.405E-02	U5EYA	0.3	U5DXA
RF	B67 RGB90X120	348.50	6.405E-02	U5EYA	0.3	U5DXA
RF	B67 RGB90X120	397.00	6.405E-02	U5EYA	0.3	U5DXA
RF	B67 RGB90X120	445.50	6.405E-02	U5EYA	0.3	U5DXA
RF	B67 RGB90X120	494.00	6.405E-02	U5EYA	0.3	U5DXA
RF	B67 RGB90X120	542.50	6.405E-02	U5EYA	0.4	U5DXA
RF	B68 RGB90X120	57.50	6.530E-02	U5EYA	0.4	U5EXA
RF	B68 RGB90X120	106.00	6.530E-02	U5EYA	0.4	U5EXA
RF	B68 RGB90X120	154.50	6.530E-02	U5EYA	0.4	U5EXA
RF	B68 RGB90X120	203.00	6.530E-02	U5EYA	0.3	U5EXA
RF	B68 RGB90X120	251.50	6.530E-02	U5EYA	0.3	U5EXA
RF	B68 RGB90X120	300.00	6.530E-02	U5EYA	0.3	U5EXA
RF	B68 RGB90X120	300.00	4.355E-02	U5EYA	0.5	U5EXA
RF	B68 RGB90X120	348.50	4.355E-02	U5EYA	0.5	U5EXA
RF	B68 RGB90X120	397.00	4.355E-02	U5EYA	0.5	U5EXA
RF	B68 RGB90X120	445.50	4.355E-02	U5EYA	0.5	U5EXA
RF	B68 RGB90X120	494.00	4.355E-02	U5EYA	0.5	U5EXA
RF	B68 RGB90X120	542.50	4.355E-02	U5EYA	0.5	U5EXA
RF	B69 RGB90X120	57.50	2.141E-02	U5EYA	0.5	U5EXA
RF	B69 RGB90X120	106.00	2.141E-02	U5EYA	0.5	U5EXA
RF	B69 RGB90X120	154.50	2.141E-02	U5EYA	0.4	U5EXA
RF	B69 RGB90X120	203.00	2.141E-02	U5EYA	0.4	U5EXA
RF	B69 RGB90X120	251.50	2.141E-02	U5EYA	0.4	U5EXA
RF	B69 RGB90X120	300.00	2.141E-02	U5EYA	0.4	U5EXA
RF	B69 RGB90X120	300.00	2.232E-02	U5EYA	0.4	U5EXA
RF	B69 RGB90X120	348.50	2.232E-02	U5EYA	0.4	U5EXA
RF	B69 RGB90X120	397.00	2.232E-02	U5EYA	0.4	U5EXA
RF	B69 RGB90X120	445.50	2.232E-02	U5EYA	0.4	U5EXA
RF	B69 RGB90X120	494.00	2.232E-02	U5EYA	0.4	U5EXA
RF	B69 RGB90X120	542.50	2.232E-02	U5EYA	0.4	U5EXA
RF	B70 RGB90X120	57.50	2.258E-02	U5EYA	0.4	U5EXA
RF	B70 RGB90X120	106.00	2.258E-02	U5EYA	0.4	U5EXA
RF	B70 RGB90X120	154.50	2.258E-02	U5EYA	0.4	U5EXA
RF	B70 RGB90X120	203.00	2.258E-02	U5EYA	0.4	U5EXA
RF	B70 RGB90X120	251.50	2.258E-02	U5EYA	0.4	U5EXA
RF	B70 RGB90X120	300.00	2.258E-02	U5EYA	0.4	U5EXA
RF	B70 RGB90X120	300.00	0.0	U7DYB	0.4	U5EXA
RF	B70 RGB90X120	348.50	0.0	U7DYB	0.4	U5EXA
RF	B70 RGB90X120	397.00	0.0	U7DYB	0.4	U5EXA
RF	B70 RGB90X120	445.50	0.0	U7DYB	0.4	U5EXA
RF	B70 RGB90X120	494.00	0.0	U7DYB	0.4	U5EXA
RF	B70 RGB90X120	542.50	0.0	U7DYB	0.5	U5EXA
RF	B71 RGB90X120	57.50	2.177E-02	U5EYA	0.4	U5EXA
RF	B71 RGB90X120	106.00	2.177E-02	U5EYA	0.4	U5EXA
RF	B71 RGB90X120	154.50	2.177E-02	U5EYA	0.4	U5EXA
RF	B71 RGB90X120	203.00	2.177E-02	U5EYA	0.4	U5EXA
RF	B71 RGB90X120	251.50	2.177E-02	U5EYA	0.4	U5EXA
RF	B71 RGB90X120	300.00	2.177E-02	U5EYA	0.4	U5EXA
RF	B71 RGB90X120	300.00	0.0	U7DYB	0.4	U5EXA
RF	B71 RGB90X120	348.50	0.0	U7DYB	0.4	U5EXA
RF	B71 RGB90X120	397.00	0.0	U7DYB	0.4	U5EXA
RF	B71 RGB90X120	445.50	0.0	U7DYB	0.4	U5EXA
RF	B71 RGB90X120	494.00	0.0	U7DYB	0.4	U5EXA
RF	B71 RGB90X120	542.50	0.0	U7DYB	0.4	U5EXA

RF	B72 RGB90X120	57.50	0.0	U7DYB	0.4	U5EXA
RF	B72 RGB90X120	106.00	0.0	U7DYB	0.4	U5EXA
RF	B72 RGB90X120	154.50	0.0	U7DYB	0.4	U5EXA
RF	B72 RGB90X120	203.00	0.0	U7DYB	0.4	U5EXA
RF	B72 RGB90X120	251.50	0.0	U7DYB	0.4	U5EXA
RF	B72 RGB90X120	300.00	0.0	U7DYB	0.4	U5EXA
RF	B72 RGB90X120	300.00	0.0	U7DYB	0.4	U5EXA
RF	B72 RGB90X120	348.50	0.0	U7DYB	0.4	U5EXA
RF	B72 RGB90X120	397.00	0.0	U7DYB	0.4	U5EXA
RF	B72 RGB90X120	445.50	0.0	U7DYB	0.4	U5EXA
RF	B72 RGB90X120	494.00	0.0	U7DYB	0.4	U5EXA
RF	B72 RGB90X120	542.50	0.0	U7DYB	0.4	U5EXA
RF	B73 RGB90X120	57.50	0.0	U7DYB	0.4	U5EXA
RF	B73 RGB90X120	106.00	0.0	U7DYB	0.4	U5EXA
RF	B73 RGB90X120	154.50	0.0	U7DYB	0.4	U5EXA
RF	B73 RGB90X120	203.00	0.0	U7DYB	0.4	U5EXA
RF	B73 RGB90X120	251.50	0.0	U7DYB	0.4	U5EXA
RF	B73 RGB90X120	300.00	0.0	U7DYB	0.4	U5EXA
RF	B73 RGB90X120	300.00	0.0	U7DYB	0.4	U5EXA
RF	B73 RGB90X120	348.50	0.0	U7DYB	0.4	U5EXA
RF	B73 RGB90X120	397.00	0.0	U7DYB	0.4	U5EXA
RF	B73 RGB90X120	445.50	0.0	U7DYB	0.4	U5EXA
RF	B73 RGB90X120	494.00	0.0	U7DYB	0.4	U5EXA
RF	B73 RGB90X120	542.50	0.0	U7DYB	0.4	U5EXA
RF	B74 RGB90X120	57.50	0.0	U7DYB	0.4	U5EXA
RF	B74 RGB90X120	106.00	0.0	U7DYB	0.4	U5EXA
RF	B74 RGB90X120	154.50	0.0	U7DYB	0.4	U5EXA
RF	B74 RGB90X120	203.00	0.0	U7DYB	0.4	U5EXA
RF	B74 RGB90X120	251.50	0.0	U7DYB	0.4	U5EXA
RF	B74 RGB90X120	300.00	0.0	U7DYB	0.4	U5EXA
RF	B74 RGB90X120	300.00	0.0	U7DYB	0.4	U5EXA
RF	B74 RGB90X120	348.50	0.0	U7DYB	0.4	U5EXA
RF	B74 RGB90X120	397.00	0.0	U7DYB	0.4	U5EXA
RF	B74 RGB90X120	445.50	0.0	U7DYB	0.4	U5EXA
RF	B74 RGB90X120	494.00	0.0	U7DYB	0.4	U5EXA
RF	B74 RGB90X120	542.50	0.0	U7DYB	0.4	U5EXA
RF	B75 RGB90X120	57.50	0.0	U7DYB	0.4	U5EXA
RF	B75 RGB90X120	106.00	0.0	U7DYB	0.4	U5EXA
RF	B75 RGB90X120	154.50	0.0	U7DYB	0.4	U5EXA
RF	B75 RGB90X120	203.00	0.0	U7DYB	0.4	U5EXA
RF	B75 RGB90X120	251.50	0.0	U7DYB	0.4	U5EXA
RF	B75 RGB90X120	300.00	0.0	U7DYB	0.4	U5EXA
RF	B75 RGB90X120	300.00	0.0	U7DYB	0.4	U5EXA
RF	B75 RGB90X120	348.50	0.0	U7DYB	0.4	U5EXA
RF	B75 RGB90X120	397.00	0.0	U7DYB	0.4	U5EXA
RF	B75 RGB90X120	445.50	0.0	U7DYB	0.4	U5EXA
RF	B75 RGB90X120	494.00	0.0	U7DYB	0.4	U5EXA
RF	B75 RGB90X120	542.50	0.0	U7DYB	0.4	U5EXA
RF	B76 RGB90X120	57.50	0.0	U7DYB	0.5	U5EXA
RF	B76 RGB90X120	106.00	0.0	U7DYB	0.5	U5EXA
RF	B76 RGB90X120	154.50	0.0	U7DYB	0.4	U5EXA
RF	B76 RGB90X120	203.00	0.0	U7DYB	0.4	U5EXA
RF	B76 RGB90X120	251.50	0.0	U7DYB	0.4	U5EXA
RF	B76 RGB90X120	300.00	0.0	U7DYB	0.4	U5EXA
RF	B76 RGB90X120	300.00	0.0	U7DYB	0.4	U5EXA
RF	B76 RGB90X120	348.50	0.0	U7DYB	0.4	U5EXA
RF	B76 RGB90X120	397.00	0.0	U7DYB	0.4	U5EXA
RF	B76 RGB90X120	445.50	0.0	U7DYB	0.4	U5EXA
RF	B76 RGB90X120	494.00	0.0	U7DYB	0.4	U5EXA
RF	B76 RGB90X120	542.50	0.0	U7DYB	0.4	U5EXA

RF	B77	RGB90X120	57.50	0.0	U7DYB	0.4 U5EXA
RF	B77	RGB90X120	106.88	0.0	U7DYB	0.4 U5EXA
RF	B77	RGB90X120	156.25	0.0	U7DYB	0.4 U5EXA
RF	B77	RGB90X120	205.63	0.0	U7DYB	0.4 U5EXA
RF	B77	RGB90X120	255.00	0.0	U7DYB	0.4 U5EXA
RF	B77	RGB90X120	255.00	0.0	U7DYB	0.4 U5EXA
RF	B77	RGB90X120	304.38	0.0	U7DYB	0.4 U5EXA
RF	B77	RGB90X120	353.75	0.0	U7DYB	0.4 U5EXA
RF	B77	RGB90X120	403.12	0.0	U7DYB	0.4 U5EXA
RF	B77	RGB90X120	452.50	0.0	U7DYB	0.4 U5EXA
RF	B78	RGB90X120	57.50	0.0	U7DYB	0.4 U5DXA
RF	B78	RGB90X120	105.42	0.0	U7DYB	0.4 U5DXA
RF	B78	RGB90X120	153.33	0.0	U7DYB	0.4 U5DXA
RF	B78	RGB90X120	201.25	0.0	U7DYB	0.3 U5DXA
RF	B78	RGB90X120	249.17	0.0	U7DYB	0.3 U5DXA
RF	B78	RGB90X120	297.08	0.0	U7DYB	0.3 U5DXA
RF	B78	RGB90X120	345.00	0.0	U7DYB	0.3 U5DXA
RF	B78	RGB90X120	345.00	0.0	U7DYB	0.5 U5EXB
RF	B78	RGB90X120	392.50	0.0	U7DYB	0.5 U5EXB
RF	B78	RGB90X120	440.00	0.0	U7DYB	0.5 U5EXB
RF	B78	RGB90X120	487.50	0.0	U7DYB	0.6 U5EXB
RF	B78	RGB90X120	535.00	0.0	U7DYB	0.6 U5EXB
RF	B78	RGB90X120	582.50	0.0	U7DYB	0.6 U5EXB
RF	B78	RGB90X120	630.00	0.0	U7DYB	0.6 U5EXB
RF	B79	G100X150	60.00	0.0	U7DYB	0.8 U5DXA
RF	B79	G100X150	108.00	0.0	U7DYB	0.7 U5DXA
RF	B79	G100X150	156.00	0.0	U7DYB	0.7 U5DXA
RF	B79	G100X150	204.00	0.0	U7DYB	0.7 U5DXA
RF	B79	G100X150	252.00	0.0	U7DYB	0.7 U5DXA
RF	B79	G100X150	300.00	0.0	U7DYB	0.7 U5DXA
RF	B79	G100X150	300.00	3.178E-02	U5EYA	0.2 U5DYB
RF	B79	G100X150	350.00	3.178E-02	U5EYA	0.2 U5DYB
RF	B79	G100X150	400.00	3.178E-02	U5EYA	0.2 U5DYB
RF	B79	G100X150	450.00	3.178E-02	U5EYA	0.2 U5DYB
RF	B79	G100X150	500.00	3.178E-02	U5EYA	0.2 U5DYB
RF	B79	G100X150	550.00	3.178E-02	U5EYA	0.2 U5DYB
RF	B79	G100X150	600.00	3.178E-02	U5EYA	0.2 U5DYB
RF	B79	G100X150	600.00	8.748E-02	U5EYA	0.6 U5EXA
RF	B79	G100X150	649.00	8.748E-02	U5EYA	0.6 U5EXA
RF	B79	G100X150	698.00	8.748E-02	U5EYA	0.6 U5EXA
RF	B79	G100X150	747.00	8.748E-02	U5EYA	0.6 U5EXA
RF	B79	G100X150	796.00	8.748E-02	U5EYA	0.6 U5EXA
RF	B79	G100X150	845.00	8.748E-02	U5EYA	0.6 U5EXA
RF	B85	G90X120	60.00	3.146E-02	U5DXA	0.3 U5EYA
RF	B85	G90X120	109.74	3.146E-02	U5DXA	0.3 U5EYA
RF	B85	G90X120	159.47	3.146E-02	U5DXA	0.3 U5EYA
RF	B85	G90X120	209.21	3.146E-02	U5DXA	0.3 U5EYA
RF	B85	G90X120	258.95	3.146E-02	U5DXA	0.2 U5EYA
RF	B85	G90X120	308.68	3.146E-02	U5DXA	0.2 U5EYA
RF	B85	G90X120	358.42	3.146E-02	U5DXA	0.2 U5EYA
RF	B85	G90X120	408.16	3.146E-02	U5DXA	0.2 U5EYA
RF	B85	G90X120	457.89	3.146E-02	U5DXA	0.2 U5DYB
RF	B85	G90X120	507.63	3.146E-02	U5DXA	0.2 U5DYB
RF	B85	G90X120	557.37	3.146E-02	U5DXA	0.2 U5DYB
RF	B85	G90X120	607.11	3.146E-02	U5DXA	0.2 U5DYB
RF	B85	G90X120	656.84	3.146E-02	U5DXA	0.2 U5EYA
RF	B85	G90X120	706.58	3.146E-02	U5DXA	0.2 U5EYA
RF	B85	G90X120	756.32	3.146E-02	U5DXA	0.2 U5EYA
RF	B85	G90X120	806.05	3.146E-02	U5DXA	0.2 U5EYA
RF	B85	G90X120	855.79	3.146E-02	U5DXA	0.3 U5EYA
RF	B85	G90X120	905.53	3.146E-02	U5DXA	0.3 U5EYA
RF	B85	G90X120	955.26	3.146E-02	U5DXA	0.3 U5EYA

RF	B85	G90X120	1005.00	3.146E-02	U5DXA	0.3	U5EYA
RF	B88	RGG90X120	60.00	0.0	U7DYB	0.4	U5EYA
RF	B88	RGG90X120	109.49	0.0	U7DYB	0.4	U5EYA
RF	B88	RGG90X120	158.97	0.0	U7DYB	0.4	U5EYA
RF	B88	RGG90X120	208.46	0.0	U7DYB	0.4	U5EYA
RF	B88	RGG90X120	257.95	0.0	U7DYB	0.4	U5EYA
RF	B88	RGG90X120	307.44	0.0	U7DYB	0.3	U5EYA
RF	B88	RGG90X120	356.92	0.0	U7DYB	0.3	U5EYA
RF	B88	RGG90X120	406.41	0.0	U7DYB	0.3	U5EYA
RF	B88	RGG90X120	455.90	0.0	U7DYB	0.3	U5EYA
RF	B88	RGG90X120	505.38	0.0	U7DYB	0.3	U5EYA
RF	B88	RGG90X120	554.87	0.0	U7DYB	0.2	U5EYA
RF	B88	RGG90X120	604.36	0.0	U7DYB	0.2	U5EYA
RF	B88	RGG90X120	653.85	0.0	U7DYB	0.2	U7EYA
RF	B88	RGG90X120	703.33	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	752.82	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	802.31	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	851.79	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	901.28	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	950.77	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	1000.26	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	1049.74	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	1099.23	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	1148.72	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	1198.21	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	1247.69	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	1297.18	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	1346.67	0.0	U7DYB	0.2	U5DYB
RF	B88	RGG90X120	1396.15	0.0	U7DYB	0.2	U7EYA
RF	B88	RGG90X120	1445.64	0.0	U7DYB	0.2	U5EYA
RF	B88	RGG90X120	1495.13	0.0	U7DYB	0.3	U5EYA
RF	B88	RGG90X120	1544.62	0.0	U7DYB	0.3	U5EYA
RF	B88	RGG90X120	1594.10	0.0	U7DYB	0.3	U5EYA
RF	B88	RGG90X120	1643.59	0.0	U7DYB	0.3	U5EYA
RF	B88	RGG90X120	1693.08	0.0	U7DYB	0.3	U5EYA
RF	B88	RGG90X120	1742.56	0.0	U7DYB	0.3	U5EYA
RF	B88	RGG90X120	1792.05	0.0	U7DYB	0.4	U5EYA
RF	B88	RGG90X120	1841.54	0.0	U7DYB	0.4	U5EYA
RF	B88	RGG90X120	1891.03	0.0	U7DYB	0.4	U5EYA
RF	B88	RGG90X120	1940.51	0.0	U7DYB	0.4	U5EYA
RF	B88	RGG90X120	1990.00	0.0	U7DYB	0.4	U5EYA
RF	B89	RB90X110	0.00	0.0	U7DYB	0.4	U5EYB
RF	B89	RB90X110	50.00	0.0	U7DYB	0.4	U5EYB
RF	B89	RB90X110	100.00	0.0	U7DYB	0.4	U5EYB
RF	B89	RB90X110	150.00	0.0	U7DYB	0.4	U5EYB
RF	B89	RB90X110	200.00	0.0	U7DYB	0.4	U5EYB
RF	B89	RB90X110	250.00	0.0	U7DYB	0.4	U5EYB
RF	B89	RB90X110	300.00	0.0	U7DYB	0.3	U5EYB
RF	B89	RB90X110	350.00	0.0	U7DYB	0.3	U5EYB
RF	B89	RB90X110	400.00	0.0	U7DYB	0.3	U5EYB
RF	B89	RB90X110	450.00	0.0	U7DYB	0.3	U5EYB
RF	B89	RB90X110	500.00	0.0	U7DYB	0.3	U5EYB
RF	B89	RB90X110	550.00	0.0	U7DYB	0.2	U5EYB
RF	B89	RB90X110	600.00	0.0	U7DYB	0.2	U5EYB
RF	B89	RB90X110	650.00	0.0	U7DYB	0.1	U7EYB
RF	B89	RB90X110	700.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	750.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	800.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	850.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	900.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	1000.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB

RF	B89	RB90X110	1100.00	0.0	U7DYB	9.927E-02	U5DYB
RF	B89	RB90X110	1150.00	0.0	U7DYB	9.805E-02	U5DYB
RF	B89	RB90X110	1200.00	0.0	U7DYB	9.682E-02	U5DYB
RF	B89	RB90X110	1250.00	0.0	U7DYB	9.559E-02	U5DYB
RF	B89	RB90X110	1300.00	0.0	U7DYB	9.578E-02	U5DYB
RF	B89	RB90X110	1350.00	0.0	U7DYB	9.700E-02	U5DYB
RF	B89	RB90X110	1400.00	0.0	U7DYB	9.823E-02	U5DYB
RF	B89	RB90X110	1450.00	0.0	U7DYB	9.946E-02	U5DYB
RF	B89	RB90X110	1500.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	1550.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB
RF	B89	RB90X110	1900.00	0.0	U7DYB	0.1	U7EYB
RF	B89	RB90X110	1950.00	0.0	U7DYB	0.2	U5EYA
RF	B89	RB90X110	2000.00	0.0	U7DYB	0.2	U5EYB
RF	B89	RB90X110	2050.00	0.0	U7DYB	0.2	U5EYB
RF	B90	RGG90X120	57.50	0.0	U7DYB	0.4	U5EYA
RF	B90	RGG90X120	107.05	0.0	U7DYB	0.3	U5EYA
RF	B90	RGG90X120	156.60	0.0	U7DYB	0.3	U5EYA
RF	B90	RGG90X120	206.15	0.0	U7DYB	0.3	U5EYA
RF	B90	RGG90X120	255.71	0.0	U7DYB	0.3	U5EYA
RF	B90	RGG90X120	305.26	0.0	U7DYB	0.3	U5EYA
RF	B90	RGG90X120	354.81	0.0	U7DYB	0.3	U5EYA
RF	B90	RGG90X120	404.36	0.0	U7DYB	0.3	U5EYA
RF	B90	RGG90X120	453.91	0.0	U7DYB	0.2	U5EYA
RF	B90	RGG90X120	503.46	0.0	U7DYB	0.2	U5EYA
RF	B90	RGG90X120	553.01	0.0	U7DYB	0.2	U5EYA
RF	B90	RGG90X120	602.56	0.0	U7DYB	0.2	U5EYA
RF	B90	RGG90X120	652.12	0.0	U7DYB	0.1	U7EYA
RF	B90	RGG90X120	701.67	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	751.22	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	800.77	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	850.32	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	899.87	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	949.42	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	998.97	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	1048.53	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	1098.08	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	1147.63	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	1197.18	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	1246.73	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	1296.28	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	1345.83	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	1395.38	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	1444.94	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	1494.49	0.0	U7DYB	0.1	U5DYB
RF	B90	RGG90X120	1544.04	0.0	U7DYB	0.1	U7EYA
RF	B90	RGG90X120	1593.59	0.0	U7DYB	0.2	U5EYA
RF	B90	RGG90X120	1643.14	0.0	U7DYB	0.2	U5EYA
RF	B90	RGG90X120	1692.69	0.0	U7DYB	0.2	U5EYA
RF	B90	RGG90X120	1742.24	0.0	U7DYB	0.2	U5EYA
RF	B90	RGG90X120	1791.79	0.0	U7DYB	0.3	U5EYA
RF	B90	RGG90X120	1841.35	0.0	U7DYB	0.3	U5EYA
RF	B90	RGG90X120	1890.90	0.0	U7DYB	0.3	U5EYA
RF	B90	RGG90X120	1940.45	0.0	U7DYB	0.3	U5EYA
RF	B90	RGG90X120	1990.00	0.0	U7DYB	0.3	U5EYA
RF	B91	RB90X110	0.00	0.0	U7DYB	0.4	U5EYB
RF	B91	RB90X110	50.00	0.0	U7DYB	0.4	U5EYB
RF	B91	RB90X110	100.00	0.0	U7DYB	0.4	U5EYB

RF	B91	RB90X110	150.00	0.0	U7DYB	0.4	U5EYB
RF	B91	RB90X110	200.00	0.0	U7DYB	0.4	U5EYB
RF	B91	RB90X110	250.00	0.0	U7DYB	0.4	U5EYB
RF	B91	RB90X110	300.00	0.0	U7DYB	0.3	U5EYB
RF	B91	RB90X110	350.00	0.0	U7DYB	0.3	U5EYB
RF	B91	RB90X110	400.00	0.0	U7DYB	0.3	U5EYB
RF	B91	RB90X110	450.00	0.0	U7DYB	0.3	U5EYB
RF	B91	RB90X110	500.00	0.0	U7DYB	0.3	U5EYB
RF	B91	RB90X110	550.00	0.0	U7DYB	0.2	U5EYB
RF	B91	RB90X110	600.00	0.0	U7DYB	0.2	U5EYB
RF	B91	RB90X110	650.00	0.0	U7DYB	0.1	U7EYB
RF	B91	RB90X110	700.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	750.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	800.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	850.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	900.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	1000.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	1100.00	0.0	U7DYB	9.909E-02	U5DYB
RF	B91	RB90X110	1150.00	0.0	U7DYB	9.786E-02	U5DYB
RF	B91	RB90X110	1200.00	0.0	U7DYB	9.663E-02	U5DYB
RF	B91	RB90X110	1250.00	0.0	U7DYB	9.540E-02	U5DYB
RF	B91	RB90X110	1300.00	0.0	U7DYB	9.472E-02	U5DYB
RF	B91	RB90X110	1350.00	0.0	U7DYB	9.595E-02	U5DYB
RF	B91	RB90X110	1400.00	0.0	U7DYB	9.717E-02	U5DYB
RF	B91	RB90X110	1450.00	0.0	U7DYB	9.840E-02	U5DYB
RF	B91	RB90X110	1500.00	0.0	U7DYB	9.963E-02	U5DYB
RF	B91	RB90X110	1550.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB
RF	B91	RB90X110	1900.00	0.0	U7DYB	0.1	U7EYB
RF	B91	RB90X110	1950.00	0.0	U7DYB	0.2	U7EYB
RF	B91	RB90X110	2000.00	0.0	U7DYB	0.2	U5EYB
RF	B91	RB90X110	2050.00	0.0	U7DYB	0.2	U5EYB
RF	B92	RGG90X120	57.50	0.0	U7DYB	0.4	U5EYA
RF	B92	RGG90X120	107.05	0.0	U7DYB	0.4	U5EYA
RF	B92	RGG90X120	156.60	0.0	U7DYB	0.3	U5EYA
RF	B92	RGG90X120	206.15	0.0	U7DYB	0.3	U5EYA
RF	B92	RGG90X120	255.71	0.0	U7DYB	0.3	U5EYA
RF	B92	RGG90X120	305.26	0.0	U7DYB	0.3	U5EYA
RF	B92	RGG90X120	354.81	0.0	U7DYB	0.3	U5EYA
RF	B92	RGG90X120	404.36	0.0	U7DYB	0.3	U5EYA
RF	B92	RGG90X120	453.91	0.0	U7DYB	0.3	U5EYA
RF	B92	RGG90X120	503.46	0.0	U7DYB	0.2	U5EYA
RF	B92	RGG90X120	553.01	0.0	U7DYB	0.2	U5EYA
RF	B92	RGG90X120	602.56	0.0	U7DYB	0.2	U5EYA
RF	B92	RGG90X120	652.12	0.0	U7DYB	0.1	U7EYA
RF	B92	RGG90X120	701.67	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	751.22	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	800.77	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	850.32	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	899.87	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	949.42	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	998.97	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	1048.53	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	1098.08	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	1147.63	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	1197.18	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	1246.73	0.0	U7DYB	0.1	U5DYB

RF	B92	RGG90X120	1296.28	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	1345.83	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	1395.38	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	1444.94	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	1494.49	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	1544.04	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	1593.59	0.0	U7DYB	0.1	U5DYB
RF	B92	RGG90X120	1643.14	0.0	U7DYB	0.1	U7EYA
RF	B92	RGG90X120	1692.69	0.0	U7DYB	0.2	U5EYA
RF	B92	RGG90X120	1742.24	0.0	U7DYB	0.2	U5EYA
RF	B92	RGG90X120	1791.79	0.0	U7DYB	0.2	U5EYA
RF	B92	RGG90X120	1841.35	0.0	U7DYB	0.2	U5EYA
RF	B92	RGG90X120	1890.90	0.0	U7DYB	0.3	U5EYA
RF	B92	RGG90X120	1940.45	0.0	U7DYB	0.3	U5EYA
RF	B92	RGG90X120	1990.00	0.0	U7DYB	0.3	U5EYA
RF	B93	RB90X110	0.00	0.0	U7DYB	0.4	U5EYB
RF	B93	RB90X110	50.00	0.0	U7DYB	0.4	U5EYB
RF	B93	RB90X110	100.00	0.0	U7DYB	0.4	U5EYB
RF	B93	RB90X110	150.00	0.0	U7DYB	0.4	U5EYB
RF	B93	RB90X110	200.00	0.0	U7DYB	0.4	U5EYB
RF	B93	RB90X110	250.00	0.0	U7DYB	0.4	U5EYB
RF	B93	RB90X110	300.00	0.0	U7DYB	0.3	U5EYB
RF	B93	RB90X110	350.00	0.0	U7DYB	0.3	U5EYB
RF	B93	RB90X110	400.00	0.0	U7DYB	0.3	U5EYB
RF	B93	RB90X110	450.00	0.0	U7DYB	0.3	U5EYB
RF	B93	RB90X110	500.00	0.0	U7DYB	0.3	U5EYB
RF	B93	RB90X110	550.00	0.0	U7DYB	0.2	U5EYB
RF	B93	RB90X110	600.00	0.0	U7DYB	0.2	U5EYB
RF	B93	RB90X110	650.00	0.0	U7DYB	0.1	U7EYB
RF	B93	RB90X110	700.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	750.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	800.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	850.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	900.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	1000.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	1100.00	0.0	U7DYB	9.899E-02	U5DYB
RF	B93	RB90X110	1150.00	0.0	U7DYB	9.777E-02	U5DYB
RF	B93	RB90X110	1200.00	0.0	U7DYB	9.654E-02	U5DYB
RF	B93	RB90X110	1250.00	0.0	U7DYB	9.531E-02	U5DYB
RF	B93	RB90X110	1300.00	0.0	U7DYB	9.462E-02	U5DYB
RF	B93	RB90X110	1350.00	0.0	U7DYB	9.585E-02	U5DYB
RF	B93	RB90X110	1400.00	0.0	U7DYB	9.707E-02	U5DYB
RF	B93	RB90X110	1450.00	0.0	U7DYB	9.830E-02	U5DYB
RF	B93	RB90X110	1500.00	0.0	U7DYB	9.953E-02	U5DYB
RF	B93	RB90X110	1550.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB
RF	B93	RB90X110	1900.00	0.0	U7DYB	0.1	U7EYB
RF	B93	RB90X110	1950.00	0.0	U7DYB	0.2	U7EYB
RF	B93	RB90X110	2000.00	0.0	U7DYB	0.2	U5EYB
RF	B93	RB90X110	2050.00	0.0	U7DYB	0.2	U5EYB
RF	B94	RGG90X120	57.50	0.0	U7DYB	0.4	U5EYA
RF	B94	RGG90X120	107.05	0.0	U7DYB	0.4	U5EYA
RF	B94	RGG90X120	156.60	0.0	U7DYB	0.3	U5EYA
RF	B94	RGG90X120	206.15	0.0	U7DYB	0.3	U5EYA
RF	B94	RGG90X120	255.71	0.0	U7DYB	0.3	U5EYA
RF	B94	RGG90X120	305.26	0.0	U7DYB	0.3	U5EYA

RF	B94	RGG90X120	354.81	0.0	U7DYB	0.3	U5EYA
RF	B94	RGG90X120	404.36	0.0	U7DYB	0.3	U5EYA
RF	B94	RGG90X120	453.91	0.0	U7DYB	0.2	U5EYA
RF	B94	RGG90X120	503.46	0.0	U7DYB	0.2	U5EYA
RF	B94	RGG90X120	553.01	0.0	U7DYB	0.2	U5EYA
RF	B94	RGG90X120	602.56	0.0	U7DYB	0.2	U5EYA
RF	B94	RGG90X120	652.12	0.0	U7DYB	0.1	U7EYA
RF	B94	RGG90X120	701.67	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	751.22	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	800.77	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	850.32	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	899.87	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	949.42	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	998.97	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	1048.53	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	1098.08	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	1147.63	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	1197.18	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	1246.73	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	1296.28	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	1345.83	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	1395.38	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	1444.94	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	1494.49	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	1544.04	0.0	U7DYB	0.1	U5DYB
RF	B94	RGG90X120	1593.59	0.0	U7DYB	0.1	U7EYA
RF	B94	RGG90X120	1643.14	0.0	U7DYB	0.1	U7EYA
RF	B94	RGG90X120	1692.69	0.0	U7DYB	0.2	U5EYA
RF	B94	RGG90X120	1742.24	0.0	U7DYB	0.2	U5EYA
RF	B94	RGG90X120	1791.79	0.0	U7DYB	0.2	U5EYA
RF	B94	RGG90X120	1841.35	0.0	U7DYB	0.3	U5EYA
RF	B94	RGG90X120	1890.90	0.0	U7DYB	0.3	U5EYA
RF	B94	RGG90X120	1940.45	0.0	U7DYB	0.3	U5EYA
RF	B94	RGG90X120	1990.00	0.0	U7DYB	0.3	U5EYA

RF	B95	RB90X110	0.00	0.0	U7DYB	0.4	U5EYB
RF	B95	RB90X110	50.00	0.0	U7DYB	0.4	U5EYB
RF	B95	RB90X110	100.00	0.0	U7DYB	0.4	U5EYB
RF	B95	RB90X110	150.00	0.0	U7DYB	0.4	U5EYB
RF	B95	RB90X110	200.00	0.0	U7DYB	0.4	U5EYB
RF	B95	RB90X110	250.00	0.0	U7DYB	0.3	U5EYB
RF	B95	RB90X110	300.00	0.0	U7DYB	0.3	U5EYB
RF	B95	RB90X110	350.00	0.0	U7DYB	0.3	U5EYB
RF	B95	RB90X110	400.00	0.0	U7DYB	0.3	U5EYB
RF	B95	RB90X110	450.00	0.0	U7DYB	0.3	U5EYB
RF	B95	RB90X110	500.00	0.0	U7DYB	0.3	U5EYB
RF	B95	RB90X110	550.00	0.0	U7DYB	0.2	U5EYB
RF	B95	RB90X110	600.00	0.0	U7DYB	0.2	U5EYB
RF	B95	RB90X110	650.00	0.0	U7DYB	0.1	U7EYB
RF	B95	RB90X110	700.00	0.0	U7DYB	0.1	U5DYB
RF	B95	RB90X110	750.00	0.0	U7DYB	0.1	U5DYB
RF	B95	RB90X110	800.00	0.0	U7DYB	0.1	U5DYB
RF	B95	RB90X110	850.00	0.0	U7DYB	0.1	U5DYB
RF	B95	RB90X110	900.00	0.0	U7DYB	0.1	U5DYB
RF	B95	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B95	RB90X110	1000.00	0.0	U7DYB	9.993E-02	U5DYB
RF	B95	RB90X110	1050.00	0.0	U7DYB	9.870E-02	U5DYB
RF	B95	RB90X110	1100.00	0.0	U7DYB	9.747E-02	U5DYB
RF	B95	RB90X110	1150.00	0.0	U7DYB	9.625E-02	U5DYB
RF	B95	RB90X110	1200.00	0.0	U7DYB	9.502E-02	U5DYB
RF	B95	RB90X110	1250.00	0.0	U7DYB	9.379E-02	U5DYB
RF	B95	RB90X110	1300.00	0.0	U7DYB	9.378E-02	U5DYB
RF	B95	RB90X110	1350.00	0.0	U7DYB	9.501E-02	U5DYB
RF	B95	RB90X110	1400.00	0.0	U7DYB	9.624E-02	U5DYB
RF	B95	RB90X110	1450.00	0.0	U7DYB	9.746E-02	U5DYB

RF	B95	RB90X110	1500.00	0.0	U7DYB	9.869E-02	U5DYB
RF	B95	RB90X110	1550.00	0.0	U7DYB	9.992E-02	U5DYB
RF	B95	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B95	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B95	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB
RF	B95	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B95	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B95	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB
RF	B95	RB90X110	1900.00	0.0	U7DYB	0.1	U7EYB
RF	B95	RB90X110	1950.00	0.0	U7DYB	0.2	U7EYB
RF	B95	RB90X110	2000.00	0.0	U7DYB	0.2	U5EYB
RF	B95	RB90X110	2050.00	0.0	U7DYB	0.2	U5EYB
RF	B96	RGG90X120	57.50	0.0	U7DYB	0.4	U5EYA
RF	B96	RGG90X120	107.05	0.0	U7DYB	0.3	U5EYA
RF	B96	RGG90X120	156.60	0.0	U7DYB	0.3	U5EYA
RF	B96	RGG90X120	206.15	0.0	U7DYB	0.3	U5EYA
RF	B96	RGG90X120	255.71	0.0	U7DYB	0.3	U5EYA
RF	B96	RGG90X120	305.26	0.0	U7DYB	0.3	U5EYA
RF	B96	RGG90X120	354.81	0.0	U7DYB	0.3	U5EYA
RF	B96	RGG90X120	404.36	0.0	U7DYB	0.3	U5EYA
RF	B96	RGG90X120	453.91	0.0	U7DYB	0.2	U5EYA
RF	B96	RGG90X120	503.46	0.0	U7DYB	0.2	U5EYA
RF	B96	RGG90X120	553.01	0.0	U7DYB	0.2	U5EYA
RF	B96	RGG90X120	602.56	0.0	U7DYB	0.2	U5EYA
RF	B96	RGG90X120	652.12	0.0	U7DYB	0.1	U7EYA
RF	B96	RGG90X120	701.67	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	751.22	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	800.77	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	850.32	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	899.87	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	949.42	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	998.97	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	1048.53	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	1098.08	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	1147.63	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	1197.18	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	1246.73	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	1296.28	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	1345.83	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	1395.38	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	1444.94	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	1494.49	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	1544.04	0.0	U7DYB	0.1	U5DYB
RF	B96	RGG90X120	1593.59	0.0	U7DYB	0.1	U7EYA
RF	B96	RGG90X120	1643.14	0.0	U7DYB	0.1	U7EYA
RF	B96	RGG90X120	1692.69	0.0	U7DYB	0.2	U5EYA
RF	B96	RGG90X120	1742.24	0.0	U7DYB	0.2	U5EYA
RF	B96	RGG90X120	1791.79	0.0	U7DYB	0.2	U5EYA
RF	B96	RGG90X120	1841.35	0.0	U7DYB	0.3	U5EYA
RF	B96	RGG90X120	1890.90	0.0	U7DYB	0.3	U5EYA
RF	B96	RGG90X120	1940.45	0.0	U7DYB	0.3	U5EYA
RF	B96	RGG90X120	1990.00	0.0	U7DYB	0.3	U5EYA
RF	B97	RB90X110	0.00	0.0	U7DYB	0.4	U5EYB
RF	B97	RB90X110	50.00	0.0	U7DYB	0.4	U5EYB
RF	B97	RB90X110	100.00	0.0	U7DYB	0.4	U5EYB
RF	B97	RB90X110	150.00	0.0	U7DYB	0.4	U5EYB
RF	B97	RB90X110	200.00	0.0	U7DYB	0.4	U5EYB
RF	B97	RB90X110	250.00	0.0	U7DYB	0.3	U5EYB
RF	B97	RB90X110	300.00	0.0	U7DYB	0.3	U5EYB
RF	B97	RB90X110	350.00	0.0	U7DYB	0.3	U5EYB
RF	B97	RB90X110	400.00	0.0	U7DYB	0.3	U5EYB
RF	B97	RB90X110	450.00	0.0	U7DYB	0.3	U5EYB
RF	B97	RB90X110	500.00	0.0	U7DYB	0.3	U5EYB

RF	B97	RB90X110	550.00	0.0	U7DYB	0.2	U5EYB
RF	B97	RB90X110	600.00	0.0	U7DYB	0.2	U5EYB
RF	B97	RB90X110	650.00	0.0	U7DYB	0.1	U7EYB
RF	B97	RB90X110	700.00	0.0	U7DYB	0.1	U5DYB
RF	B97	RB90X110	750.00	0.0	U7DYB	0.1	U5DYB
RF	B97	RB90X110	800.00	0.0	U7DYB	0.1	U5DYB
RF	B97	RB90X110	850.00	0.0	U7DYB	0.1	U5DYB
RF	B97	RB90X110	900.00	0.0	U7DYB	0.1	U5DYB
RF	B97	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B97	RB90X110	1000.00	0.0	U7DYB	9.982E-02	U5DYB
RF	B97	RB90X110	1050.00	0.0	U7DYB	9.859E-02	U5DYB
RF	B97	RB90X110	1100.00	0.0	U7DYB	9.736E-02	U5DYB
RF	B97	RB90X110	1150.00	0.0	U7DYB	9.614E-02	U5DYB
RF	B97	RB90X110	1200.00	0.0	U7DYB	9.491E-02	U5DYB
RF	B97	RB90X110	1250.00	0.0	U7DYB	9.368E-02	U5DYB
RF	B97	RB90X110	1300.00	0.0	U7DYB	9.375E-02	U5DYB
RF	B97	RB90X110	1350.00	0.0	U7DYB	9.497E-02	U5DYB
RF	B97	RB90X110	1400.00	0.0	U7DYB	9.620E-02	U5DYB
RF	B97	RB90X110	1450.00	0.0	U7DYB	9.743E-02	U5DYB
RF	B97	RB90X110	1500.00	0.0	U7DYB	9.866E-02	U5DYB
RF	B97	RB90X110	1550.00	0.0	U7DYB	9.988E-02	U5DYB
RF	B97	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B97	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B97	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB
RF	B97	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B97	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B97	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB
RF	B97	RB90X110	1900.00	0.0	U7DYB	0.1	U7EYB
RF	B97	RB90X110	1950.00	0.0	U7DYB	0.2	U7EYB
RF	B97	RB90X110	2000.00	0.0	U7DYB	0.2	U5EYB
RF	B97	RB90X110	2050.00	0.0	U7DYB	0.2	U5EYB

RF	B98	RGG90X120	57.50	0.0	U7DYB	0.4	U5EYA
RF	B98	RGG90X120	107.05	0.0	U7DYB	0.3	U5EYA
RF	B98	RGG90X120	156.60	0.0	U7DYB	0.3	U5EYA
RF	B98	RGG90X120	206.15	0.0	U7DYB	0.3	U5EYA
RF	B98	RGG90X120	255.71	0.0	U7DYB	0.3	U5EYA
RF	B98	RGG90X120	305.26	0.0	U7DYB	0.3	U5EYA
RF	B98	RGG90X120	354.81	0.0	U7DYB	0.3	U5EYA
RF	B98	RGG90X120	404.36	0.0	U7DYB	0.3	U5EYA
RF	B98	RGG90X120	453.91	0.0	U7DYB	0.2	U5EYA
RF	B98	RGG90X120	503.46	0.0	U7DYB	0.2	U5EYA
RF	B98	RGG90X120	553.01	0.0	U7DYB	0.2	U5EYA
RF	B98	RGG90X120	602.56	0.0	U7DYB	0.2	U5EYA
RF	B98	RGG90X120	652.12	0.0	U7DYB	0.1	U7EYA
RF	B98	RGG90X120	701.67	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	751.22	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	800.77	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	850.32	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	899.87	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	949.42	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	998.97	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	1048.53	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	1098.08	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	1147.63	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	1197.18	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	1246.73	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	1296.28	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	1345.83	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	1395.38	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	1444.94	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	1494.49	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	1544.04	0.0	U7DYB	0.1	U5DYB
RF	B98	RGG90X120	1593.59	0.0	U7DYB	0.1	U7EYA
RF	B98	RGG90X120	1643.14	0.0	U7DYB	0.1	U7EYA

RF	B98	RGG90X120	1692.69	0.0	U7DYB	0.2	U5EYA
RF	B98	RGG90X120	1742.24	0.0	U7DYB	0.2	U5EYA
RF	B98	RGG90X120	1791.79	0.0	U7DYB	0.2	U5EYA
RF	B98	RGG90X120	1841.35	0.0	U7DYB	0.3	U5EYA
RF	B98	RGG90X120	1890.90	0.0	U7DYB	0.3	U5EYA
RF	B98	RGG90X120	1940.45	0.0	U7DYB	0.3	U5EYA
RF	B98	RGG90X120	1990.00	0.0	U7DYB	0.3	U5EYA
RF	B99	RB90X110	0.00	0.0	U7DYB	0.4	U5EYB
RF	B99	RB90X110	50.00	0.0	U7DYB	0.4	U5EYB
RF	B99	RB90X110	100.00	0.0	U7DYB	0.4	U5EYB
RF	B99	RB90X110	150.00	0.0	U7DYB	0.4	U5EYB
RF	B99	RB90X110	200.00	0.0	U7DYB	0.4	U5EYB
RF	B99	RB90X110	250.00	0.0	U7DYB	0.3	U5EYB
RF	B99	RB90X110	300.00	0.0	U7DYB	0.3	U5EYB
RF	B99	RB90X110	350.00	0.0	U7DYB	0.3	U5EYB
RF	B99	RB90X110	400.00	0.0	U7DYB	0.3	U5EYB
RF	B99	RB90X110	450.00	0.0	U7DYB	0.3	U5EYB
RF	B99	RB90X110	500.00	0.0	U7DYB	0.3	U5EYB
RF	B99	RB90X110	550.00	0.0	U7DYB	0.2	U5EYB
RF	B99	RB90X110	600.00	0.0	U7DYB	0.2	U5EYB
RF	B99	RB90X110	650.00	0.0	U7DYB	0.1	U7EYB
RF	B99	RB90X110	700.00	0.0	U7DYB	0.1	U5DYB
RF	B99	RB90X110	750.00	0.0	U7DYB	0.1	U5DYB
RF	B99	RB90X110	800.00	0.0	U7DYB	0.1	U5DYB
RF	B99	RB90X110	850.00	0.0	U7DYB	0.1	U5DYB
RF	B99	RB90X110	900.00	0.0	U7DYB	0.1	U5DYB
RF	B99	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B99	RB90X110	1000.00	0.0	U7DYB	9.984E-02	U5DYB
RF	B99	RB90X110	1050.00	0.0	U7DYB	9.861E-02	U5DYB
RF	B99	RB90X110	1100.00	0.0	U7DYB	9.738E-02	U5DYB
RF	B99	RB90X110	1150.00	0.0	U7DYB	9.615E-02	U5DYB
RF	B99	RB90X110	1200.00	0.0	U7DYB	9.493E-02	U5DYB
RF	B99	RB90X110	1250.00	0.0	U7DYB	9.370E-02	U5DYB
RF	B99	RB90X110	1300.00	0.0	U7DYB	9.375E-02	U5DYB
RF	B99	RB90X110	1350.00	0.0	U7DYB	9.497E-02	U5DYB
RF	B99	RB90X110	1400.00	0.0	U7DYB	9.620E-02	U5DYB
RF	B99	RB90X110	1450.00	0.0	U7DYB	9.743E-02	U5DYB
RF	B99	RB90X110	1500.00	0.0	U7DYB	9.866E-02	U5DYB
RF	B99	RB90X110	1550.00	0.0	U7DYB	9.988E-02	U5DYB
RF	B99	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B99	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B99	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB
RF	B99	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B99	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B99	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB
RF	B99	RB90X110	1900.00	0.0	U7DYB	0.1	U7EYB
RF	B99	RB90X110	1950.00	0.0	U7DYB	0.2	U7EYB
RF	B99	RB90X110	2000.00	0.0	U7DYB	0.2	U5EYB
RF	B99	RB90X110	2050.00	0.0	U7DYB	0.2	U5EYB
RF	B100	RGG90X120	57.50	0.0	U7DYB	0.4	U5EYA
RF	B100	RGG90X120	107.05	0.0	U7DYB	0.3	U5EYA
RF	B100	RGG90X120	156.60	0.0	U7DYB	0.3	U5EYA
RF	B100	RGG90X120	206.15	0.0	U7DYB	0.3	U5EYA
RF	B100	RGG90X120	255.71	0.0	U7DYB	0.3	U5EYA
RF	B100	RGG90X120	305.26	0.0	U7DYB	0.3	U5EYA
RF	B100	RGG90X120	354.81	0.0	U7DYB	0.3	U5EYA
RF	B100	RGG90X120	404.36	0.0	U7DYB	0.3	U5EYA
RF	B100	RGG90X120	453.91	0.0	U7DYB	0.2	U5EYA
RF	B100	RGG90X120	503.46	0.0	U7DYB	0.2	U5EYA
RF	B100	RGG90X120	553.01	0.0	U7DYB	0.2	U5EYA
RF	B100	RGG90X120	602.56	0.0	U7DYB	0.2	U5EYA
RF	B100	RGG90X120	652.12	0.0	U7DYB	0.1	U7EYA
RF	B100	RGG90X120	701.67	0.0	U7DYB	0.1	U5DYB

RF	B100	RGG90X120	751.22	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	800.77	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	850.32	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	899.87	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	949.42	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	998.97	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	1048.53	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	1098.08	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	1147.63	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	1197.18	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	1246.73	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	1296.28	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	1345.83	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	1395.38	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	1444.94	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	1494.49	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	1544.04	0.0	U7DYB	0.1	U5DYB
RF	B100	RGG90X120	1593.59	0.0	U7DYB	0.1	U7EYA
RF	B100	RGG90X120	1643.14	0.0	U7DYB	0.1	U7EYA
RF	B100	RGG90X120	1692.69	0.0	U7DYB	0.2	U5EYA
RF	B100	RGG90X120	1742.24	0.0	U7DYB	0.2	U5EYA
RF	B100	RGG90X120	1791.79	0.0	U7DYB	0.2	U5EYA
RF	B100	RGG90X120	1841.35	0.0	U7DYB	0.3	U5EYA
RF	B100	RGG90X120	1890.90	0.0	U7DYB	0.3	U5EYA
RF	B100	RGG90X120	1940.45	0.0	U7DYB	0.3	U5EYA
RF	B100	RGG90X120	1990.00	0.0	U7DYB	0.3	U5EYA

RF	B101	RB90X110	0.00	0.0	U7DYB	0.4	U5EYB
RF	B101	RB90X110	50.00	0.0	U7DYB	0.4	U5EYB
RF	B101	RB90X110	100.00	0.0	U7DYB	0.4	U5EYB
RF	B101	RB90X110	150.00	0.0	U7DYB	0.4	U5EYB
RF	B101	RB90X110	200.00	0.0	U7DYB	0.4	U5EYB
RF	B101	RB90X110	250.00	0.0	U7DYB	0.3	U5EYB
RF	B101	RB90X110	300.00	0.0	U7DYB	0.3	U5EYB
RF	B101	RB90X110	350.00	0.0	U7DYB	0.3	U5EYB
RF	B101	RB90X110	400.00	0.0	U7DYB	0.3	U5EYB
RF	B101	RB90X110	450.00	0.0	U7DYB	0.3	U5EYB
RF	B101	RB90X110	500.00	0.0	U7DYB	0.3	U5EYB
RF	B101	RB90X110	550.00	0.0	U7DYB	0.2	U5EYB
RF	B101	RB90X110	600.00	0.0	U7DYB	0.2	U5EYB
RF	B101	RB90X110	650.00	0.0	U7DYB	0.1	U7EYB
RF	B101	RB90X110	700.00	0.0	U7DYB	0.1	U5DYB
RF	B101	RB90X110	750.00	0.0	U7DYB	0.1	U5DYB
RF	B101	RB90X110	800.00	0.0	U7DYB	0.1	U5DYB
RF	B101	RB90X110	850.00	0.0	U7DYB	0.1	U5DYB
RF	B101	RB90X110	900.00	0.0	U7DYB	0.1	U5DYB
RF	B101	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B101	RB90X110	1000.00	0.0	U7DYB	9.984E-02	U5DYB
RF	B101	RB90X110	1050.00	0.0	U7DYB	9.861E-02	U5DYB
RF	B101	RB90X110	1100.00	0.0	U7DYB	9.738E-02	U5DYB
RF	B101	RB90X110	1150.00	0.0	U7DYB	9.616E-02	U5DYB
RF	B101	RB90X110	1200.00	0.0	U7DYB	9.493E-02	U5DYB
RF	B101	RB90X110	1250.00	0.0	U7DYB	9.370E-02	U5DYB
RF	B101	RB90X110	1300.00	0.0	U7DYB	9.374E-02	U5DYB
RF	B101	RB90X110	1350.00	0.0	U7DYB	9.497E-02	U5DYB
RF	B101	RB90X110	1400.00	0.0	U7DYB	9.620E-02	U5DYB
RF	B101	RB90X110	1450.00	0.0	U7DYB	9.742E-02	U5DYB
RF	B101	RB90X110	1500.00	0.0	U7DYB	9.865E-02	U5DYB
RF	B101	RB90X110	1550.00	0.0	U7DYB	9.988E-02	U5DYB
RF	B101	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B101	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B101	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB
RF	B101	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B101	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B101	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB

RF	B101	RB90X110	1900.00	0.0	U7DYB	0.1 U7EYB
RF	B101	RB90X110	1950.00	0.0	U7DYB	0.2 U7EYB
RF	B101	RB90X110	2000.00	0.0	U7DYB	0.2 U5EYB
RF	B101	RB90X110	2050.00	0.0	U7DYB	0.2 U5EYB
RF	B102	RGG90X120	57.50	0.0	U7DYB	0.4 U5EYA
RF	B102	RGG90X120	107.05	0.0	U7DYB	0.3 U5EYA
RF	B102	RGG90X120	156.60	0.0	U7DYB	0.3 U5EYA
RF	B102	RGG90X120	206.15	0.0	U7DYB	0.3 U5EYA
RF	B102	RGG90X120	255.71	0.0	U7DYB	0.3 U5EYA
RF	B102	RGG90X120	305.26	0.0	U7DYB	0.3 U5EYA
RF	B102	RGG90X120	354.81	0.0	U7DYB	0.3 U5EYA
RF	B102	RGG90X120	404.36	0.0	U7DYB	0.3 U5EYA
RF	B102	RGG90X120	453.91	0.0	U7DYB	0.2 U5EYA
RF	B102	RGG90X120	503.46	0.0	U7DYB	0.2 U5EYA
RF	B102	RGG90X120	553.01	0.0	U7DYB	0.2 U5EYA
RF	B102	RGG90X120	602.56	0.0	U7DYB	0.2 U5EYA
RF	B102	RGG90X120	652.12	0.0	U7DYB	0.1 U7EYA
RF	B102	RGG90X120	701.67	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	751.22	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	800.77	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	850.32	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	899.87	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	949.42	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	998.97	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	1048.53	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	1098.08	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	1147.63	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	1197.18	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	1246.73	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	1296.28	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	1345.83	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	1395.38	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	1444.94	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	1494.49	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	1544.04	0.0	U7DYB	0.1 U5DYB
RF	B102	RGG90X120	1593.59	0.0	U7DYB	0.1 U7EYA
RF	B102	RGG90X120	1643.14	0.0	U7DYB	0.1 U7EYA
RF	B102	RGG90X120	1692.69	0.0	U7DYB	0.2 U5EYA
RF	B102	RGG90X120	1742.24	0.0	U7DYB	0.2 U5EYA
RF	B102	RGG90X120	1791.79	0.0	U7DYB	0.2 U5EYA
RF	B102	RGG90X120	1841.35	0.0	U7DYB	0.3 U5EYA
RF	B102	RGG90X120	1890.90	0.0	U7DYB	0.3 U5EYA
RF	B102	RGG90X120	1940.45	0.0	U7DYB	0.3 U5EYA
RF	B102	RGG90X120	1990.00	0.0	U7DYB	0.3 U5EYA
RF	B103	RB90X110	0.00	0.0	U7DYB	0.4 U5EYB
RF	B103	RB90X110	50.00	0.0	U7DYB	0.4 U5EYB
RF	B103	RB90X110	100.00	0.0	U7DYB	0.4 U5EYB
RF	B103	RB90X110	150.00	0.0	U7DYB	0.4 U5EYB
RF	B103	RB90X110	200.00	0.0	U7DYB	0.4 U5EYB
RF	B103	RB90X110	250.00	0.0	U7DYB	0.3 U5EYB
RF	B103	RB90X110	300.00	0.0	U7DYB	0.3 U5EYB
RF	B103	RB90X110	350.00	0.0	U7DYB	0.3 U5EYB
RF	B103	RB90X110	400.00	0.0	U7DYB	0.3 U5EYB
RF	B103	RB90X110	450.00	0.0	U7DYB	0.3 U5EYB
RF	B103	RB90X110	500.00	0.0	U7DYB	0.3 U5EYB
RF	B103	RB90X110	550.00	0.0	U7DYB	0.2 U5EYB
RF	B103	RB90X110	600.00	0.0	U7DYB	0.2 U5EYB
RF	B103	RB90X110	650.00	0.0	U7DYB	0.1 U7EYB
RF	B103	RB90X110	700.00	0.0	U7DYB	0.1 U5DYB
RF	B103	RB90X110	750.00	0.0	U7DYB	0.1 U5DYB
RF	B103	RB90X110	800.00	0.0	U7DYB	0.1 U5DYB
RF	B103	RB90X110	850.00	0.0	U7DYB	0.1 U5DYB
RF	B103	RB90X110	900.00	0.0	U7DYB	0.1 U5DYB

RF	B103	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B103	RB90X110	1000.00	0.0	U7DYB	9.984E-02	U5DYB
RF	B103	RB90X110	1050.00	0.0	U7DYB	9.861E-02	U5DYB
RF	B103	RB90X110	1100.00	0.0	U7DYB	9.738E-02	U5DYB
RF	B103	RB90X110	1150.00	0.0	U7DYB	9.615E-02	U5DYB
RF	B103	RB90X110	1200.00	0.0	U7DYB	9.493E-02	U5DYB
RF	B103	RB90X110	1250.00	0.0	U7DYB	9.370E-02	U5DYB
RF	B103	RB90X110	1300.00	0.0	U7DYB	9.373E-02	U5DYB
RF	B103	RB90X110	1350.00	0.0	U7DYB	9.496E-02	U5DYB
RF	B103	RB90X110	1400.00	0.0	U7DYB	9.619E-02	U5DYB
RF	B103	RB90X110	1450.00	0.0	U7DYB	9.742E-02	U5DYB
RF	B103	RB90X110	1500.00	0.0	U7DYB	9.864E-02	U5DYB
RF	B103	RB90X110	1550.00	0.0	U7DYB	9.987E-02	U5DYB
RF	B103	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B103	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B103	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB
RF	B103	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B103	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B103	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB
RF	B103	RB90X110	1900.00	0.0	U7DYB	0.1	U7EYB
RF	B103	RB90X110	1950.00	0.0	U7DYB	0.2	U7EYB
RF	B103	RB90X110	2000.00	0.0	U7DYB	0.2	U5EYB
RF	B103	RB90X110	2050.00	0.0	U7DYB	0.2	U5EYB
RF	B104	RGG90X120	57.50	0.0	U7DYB	0.4	U5EYA
RF	B104	RGG90X120	107.05	0.0	U7DYB	0.3	U5EYA
RF	B104	RGG90X120	156.60	0.0	U7DYB	0.3	U5EYA
RF	B104	RGG90X120	206.15	0.0	U7DYB	0.3	U5EYA
RF	B104	RGG90X120	255.71	0.0	U7DYB	0.3	U5EYA
RF	B104	RGG90X120	305.26	0.0	U7DYB	0.3	U5EYA
RF	B104	RGG90X120	354.81	0.0	U7DYB	0.3	U5EYA
RF	B104	RGG90X120	404.36	0.0	U7DYB	0.3	U5EYA
RF	B104	RGG90X120	453.91	0.0	U7DYB	0.2	U5EYA
RF	B104	RGG90X120	503.46	0.0	U7DYB	0.2	U5EYA
RF	B104	RGG90X120	553.01	0.0	U7DYB	0.2	U5EYA
RF	B104	RGG90X120	602.56	0.0	U7DYB	0.2	U5EYA
RF	B104	RGG90X120	652.12	0.0	U7DYB	0.1	U7EYA
RF	B104	RGG90X120	701.67	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	751.22	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	800.77	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	850.32	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	899.87	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	949.42	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	998.97	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	1048.53	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	1098.08	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	1147.63	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	1197.18	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	1246.73	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	1296.28	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	1345.83	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	1395.38	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	1444.94	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	1494.49	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	1544.04	0.0	U7DYB	0.1	U5DYB
RF	B104	RGG90X120	1593.59	0.0	U7DYB	0.1	U7EYA
RF	B104	RGG90X120	1643.14	0.0	U7DYB	0.1	U7EYA
RF	B104	RGG90X120	1692.69	0.0	U7DYB	0.2	U5EYA
RF	B104	RGG90X120	1742.24	0.0	U7DYB	0.2	U5EYA
RF	B104	RGG90X120	1791.79	0.0	U7DYB	0.2	U5EYA
RF	B104	RGG90X120	1841.35	0.0	U7DYB	0.3	U5EYA
RF	B104	RGG90X120	1890.90	0.0	U7DYB	0.3	U5EYA
RF	B104	RGG90X120	1940.45	0.0	U7DYB	0.3	U5EYA
RF	B104	RGG90X120	1990.00	0.0	U7DYB	0.3	U5EYA

RF	B105	RB90X110	0.00	0.0	U7DYB	0.4	U5EYB
RF	B105	RB90X110	50.00	0.0	U7DYB	0.4	U5EYB
RF	B105	RB90X110	100.00	0.0	U7DYB	0.4	U5EYB
RF	B105	RB90X110	150.00	0.0	U7DYB	0.4	U5EYB
RF	B105	RB90X110	200.00	0.0	U7DYB	0.4	U5EYB
RF	B105	RB90X110	250.00	0.0	U7DYB	0.3	U5EYB
RF	B105	RB90X110	300.00	0.0	U7DYB	0.3	U5EYB
RF	B105	RB90X110	350.00	0.0	U7DYB	0.3	U5EYB
RF	B105	RB90X110	400.00	0.0	U7DYB	0.3	U5EYB
RF	B105	RB90X110	450.00	0.0	U7DYB	0.3	U5EYB
RF	B105	RB90X110	500.00	0.0	U7DYB	0.3	U5EYB
RF	B105	RB90X110	550.00	0.0	U7DYB	0.2	U5EYB
RF	B105	RB90X110	600.00	0.0	U7DYB	0.2	U5EYB
RF	B105	RB90X110	650.00	0.0	U7DYB	0.1	U7EYB
RF	B105	RB90X110	700.00	0.0	U7DYB	0.1	U5DYB
RF	B105	RB90X110	750.00	0.0	U7DYB	0.1	U5DYB
RF	B105	RB90X110	800.00	0.0	U7DYB	0.1	U5DYB
RF	B105	RB90X110	850.00	0.0	U7DYB	0.1	U5DYB
RF	B105	RB90X110	900.00	0.0	U7DYB	0.1	U5DYB
RF	B105	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B105	RB90X110	1000.00	0.0	U7DYB	9.983E-02	U5DYB
RF	B105	RB90X110	1050.00	0.0	U7DYB	9.861E-02	U5DYB
RF	B105	RB90X110	1100.00	0.0	U7DYB	9.738E-02	U5DYB
RF	B105	RB90X110	1150.00	0.0	U7DYB	9.615E-02	U5DYB
RF	B105	RB90X110	1200.00	0.0	U7DYB	9.492E-02	U5DYB
RF	B105	RB90X110	1250.00	0.0	U7DYB	9.370E-02	U5DYB
RF	B105	RB90X110	1300.00	0.0	U7DYB	9.373E-02	U5DYB
RF	B105	RB90X110	1350.00	0.0	U7DYB	9.495E-02	U5DYB
RF	B105	RB90X110	1400.00	0.0	U7DYB	9.618E-02	U5DYB
RF	B105	RB90X110	1450.00	0.0	U7DYB	9.741E-02	U5DYB
RF	B105	RB90X110	1500.00	0.0	U7DYB	9.864E-02	U5DYB
RF	B105	RB90X110	1550.00	0.0	U7DYB	9.986E-02	U5DYB
RF	B105	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B105	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B105	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB
RF	B105	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B105	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B105	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB
RF	B105	RB90X110	1900.00	0.0	U7DYB	0.1	U7EYB
RF	B105	RB90X110	1950.00	0.0	U7DYB	0.2	U7EYB
RF	B105	RB90X110	2000.00	0.0	U7DYB	0.2	U5EYB
RF	B105	RB90X110	2050.00	0.0	U7DYB	0.2	U5EYB
RF	B106	RGG90X120	57.50	0.0	U7DYB	0.4	U5EYA
RF	B106	RGG90X120	107.05	0.0	U7DYB	0.3	U5EYA
RF	B106	RGG90X120	156.60	0.0	U7DYB	0.3	U5EYA
RF	B106	RGG90X120	206.15	0.0	U7DYB	0.3	U5EYA
RF	B106	RGG90X120	255.71	0.0	U7DYB	0.3	U5EYA
RF	B106	RGG90X120	305.26	0.0	U7DYB	0.3	U5EYA
RF	B106	RGG90X120	354.81	0.0	U7DYB	0.3	U5EYA
RF	B106	RGG90X120	404.36	0.0	U7DYB	0.3	U5EYA
RF	B106	RGG90X120	453.91	0.0	U7DYB	0.2	U5EYA
RF	B106	RGG90X120	503.46	0.0	U7DYB	0.2	U5EYA
RF	B106	RGG90X120	553.01	0.0	U7DYB	0.2	U5EYA
RF	B106	RGG90X120	602.56	0.0	U7DYB	0.2	U5EYA
RF	B106	RGG90X120	652.12	0.0	U7DYB	0.1	U7EYA
RF	B106	RGG90X120	701.67	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	751.22	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	800.77	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	850.32	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	899.87	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	949.42	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	998.97	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	1048.53	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	1098.08	0.0	U7DYB	0.1	U5DYB

RF	B106	RGG90X120	1147.63	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	1197.18	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	1246.73	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	1296.28	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	1345.83	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	1395.38	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	1444.94	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	1494.49	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	1544.04	0.0	U7DYB	0.1	U5DYB
RF	B106	RGG90X120	1593.59	0.0	U7DYB	0.1	U7EYA
RF	B106	RGG90X120	1643.14	0.0	U7DYB	0.1	U7EYA
RF	B106	RGG90X120	1692.69	0.0	U7DYB	0.2	U5EYA
RF	B106	RGG90X120	1742.24	0.0	U7DYB	0.2	U5EYA
RF	B106	RGG90X120	1791.79	0.0	U7DYB	0.2	U5EYA
RF	B106	RGG90X120	1841.35	0.0	U7DYB	0.3	U5EYA
RF	B106	RGG90X120	1890.90	0.0	U7DYB	0.3	U5EYA
RF	B106	RGG90X120	1940.45	0.0	U7DYB	0.3	U5EYA
RF	B106	RGG90X120	1990.00	0.0	U7DYB	0.3	U5EYA
RF	B107	RB90X110	0.00	0.0	U7DYB	0.4	U5EYB
RF	B107	RB90X110	50.00	0.0	U7DYB	0.4	U5EYB
RF	B107	RB90X110	100.00	0.0	U7DYB	0.4	U5EYB
RF	B107	RB90X110	150.00	0.0	U7DYB	0.4	U5EYB
RF	B107	RB90X110	200.00	0.0	U7DYB	0.4	U5EYB
RF	B107	RB90X110	250.00	0.0	U7DYB	0.3	U5EYB
RF	B107	RB90X110	300.00	0.0	U7DYB	0.3	U5EYB
RF	B107	RB90X110	350.00	0.0	U7DYB	0.3	U5EYB
RF	B107	RB90X110	400.00	0.0	U7DYB	0.3	U5EYB
RF	B107	RB90X110	450.00	0.0	U7DYB	0.3	U5EYB
RF	B107	RB90X110	500.00	0.0	U7DYB	0.3	U5EYB
RF	B107	RB90X110	550.00	0.0	U7DYB	0.2	U5EYB
RF	B107	RB90X110	600.00	0.0	U7DYB	0.2	U5EYB
RF	B107	RB90X110	650.00	0.0	U7DYB	0.1	U7EYB
RF	B107	RB90X110	700.00	0.0	U7DYB	0.1	U5DYB
RF	B107	RB90X110	750.00	0.0	U7DYB	0.1	U5DYB
RF	B107	RB90X110	800.00	0.0	U7DYB	0.1	U5DYB
RF	B107	RB90X110	850.00	0.0	U7DYB	0.1	U5DYB
RF	B107	RB90X110	900.00	0.0	U7DYB	0.1	U5DYB
RF	B107	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B107	RB90X110	1000.00	0.0	U7DYB	9.983E-02	U5DYB
RF	B107	RB90X110	1050.00	0.0	U7DYB	9.861E-02	U5DYB
RF	B107	RB90X110	1100.00	0.0	U7DYB	9.738E-02	U5DYB
RF	B107	RB90X110	1150.00	0.0	U7DYB	9.615E-02	U5DYB
RF	B107	RB90X110	1200.00	0.0	U7DYB	9.492E-02	U5DYB
RF	B107	RB90X110	1250.00	0.0	U7DYB	9.370E-02	U5DYB
RF	B107	RB90X110	1300.00	0.0	U7DYB	9.372E-02	U5DYB
RF	B107	RB90X110	1350.00	0.0	U7DYB	9.495E-02	U5DYB
RF	B107	RB90X110	1400.00	0.0	U7DYB	9.618E-02	U5DYB
RF	B107	RB90X110	1450.00	0.0	U7DYB	9.740E-02	U5DYB
RF	B107	RB90X110	1500.00	0.0	U7DYB	9.863E-02	U5DYB
RF	B107	RB90X110	1550.00	0.0	U7DYB	9.986E-02	U5DYB
RF	B107	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B107	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B107	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB
RF	B107	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B107	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B107	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB
RF	B107	RB90X110	1900.00	0.0	U7DYB	0.1	U7EYB
RF	B107	RB90X110	1950.00	0.0	U7DYB	0.2	U7EYB
RF	B107	RB90X110	2000.00	0.0	U7DYB	0.2	U5EYB
RF	B107	RB90X110	2050.00	0.0	U7DYB	0.2	U5EYB
RF	B108	RGG90X120	57.50	0.0	U7DYB	0.4	U5EYA
RF	B108	RGG90X120	107.05	0.0	U7DYB	0.3	U5EYA
RF	B108	RGG90X120	156.60	0.0	U7DYB	0.3	U5EYA

RF	B108	RGG90X120	206.15	0.0	U7DYB	0.3 U5EYA
RF	B108	RGG90X120	255.71	0.0	U7DYB	0.3 U5EYA
RF	B108	RGG90X120	305.26	0.0	U7DYB	0.3 U5EYA
RF	B108	RGG90X120	354.81	0.0	U7DYB	0.3 U5EYA
RF	B108	RGG90X120	404.36	0.0	U7DYB	0.3 U5EYA
RF	B108	RGG90X120	453.91	0.0	U7DYB	0.2 U5EYA
RF	B108	RGG90X120	503.46	0.0	U7DYB	0.2 U5EYA
RF	B108	RGG90X120	553.01	0.0	U7DYB	0.2 U5EYA
RF	B108	RGG90X120	602.56	0.0	U7DYB	0.2 U5EYA
RF	B108	RGG90X120	652.12	0.0	U7DYB	0.1 U7EYA
RF	B108	RGG90X120	701.67	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	751.22	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	800.77	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	850.32	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	899.87	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	949.42	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	998.97	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	1048.53	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	1098.08	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	1147.63	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	1197.18	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	1246.73	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	1296.28	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	1345.83	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	1395.38	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	1444.94	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	1494.49	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	1544.04	0.0	U7DYB	0.1 U5DYB
RF	B108	RGG90X120	1593.59	0.0	U7DYB	0.1 U7EYA
RF	B108	RGG90X120	1643.14	0.0	U7DYB	0.1 U7EYA
RF	B108	RGG90X120	1692.69	0.0	U7DYB	0.2 U5EYA
RF	B108	RGG90X120	1742.24	0.0	U7DYB	0.2 U5EYA
RF	B108	RGG90X120	1791.79	0.0	U7DYB	0.2 U5EYA
RF	B108	RGG90X120	1841.35	0.0	U7DYB	0.3 U5EYA
RF	B108	RGG90X120	1890.90	0.0	U7DYB	0.3 U5EYA
RF	B108	RGG90X120	1940.45	0.0	U7DYB	0.3 U5EYA
RF	B108	RGG90X120	1990.00	0.0	U7DYB	0.3 U5EYA

RF	B109	RB90X110	0.00	0.0	U7DYB	0.4 U5EYB
RF	B109	RB90X110	50.00	0.0	U7DYB	0.4 U5EYB
RF	B109	RB90X110	100.00	0.0	U7DYB	0.4 U5EYB
RF	B109	RB90X110	150.00	0.0	U7DYB	0.4 U5EYB
RF	B109	RB90X110	200.00	0.0	U7DYB	0.4 U5EYB
RF	B109	RB90X110	250.00	0.0	U7DYB	0.3 U5EYB
RF	B109	RB90X110	300.00	0.0	U7DYB	0.3 U5EYB
RF	B109	RB90X110	350.00	0.0	U7DYB	0.3 U5EYB
RF	B109	RB90X110	400.00	0.0	U7DYB	0.3 U5EYB
RF	B109	RB90X110	450.00	0.0	U7DYB	0.3 U5EYB
RF	B109	RB90X110	500.00	0.0	U7DYB	0.3 U5EYB
RF	B109	RB90X110	550.00	0.0	U7DYB	0.2 U5EYB
RF	B109	RB90X110	600.00	0.0	U7DYB	0.2 U5EYB
RF	B109	RB90X110	650.00	0.0	U7DYB	0.1 U7EYB
RF	B109	RB90X110	700.00	0.0	U7DYB	0.1 U5DYB
RF	B109	RB90X110	750.00	0.0	U7DYB	0.1 U5DYB
RF	B109	RB90X110	800.00	0.0	U7DYB	0.1 U5DYB
RF	B109	RB90X110	850.00	0.0	U7DYB	0.1 U5DYB
RF	B109	RB90X110	900.00	0.0	U7DYB	0.1 U5DYB
RF	B109	RB90X110	950.00	0.0	U7DYB	0.1 U5DYB
RF	B109	RB90X110	1000.00	0.0	U7DYB	9.981E-02 U5DYB
RF	B109	RB90X110	1050.00	0.0	U7DYB	9.859E-02 U5DYB
RF	B109	RB90X110	1100.00	0.0	U7DYB	9.736E-02 U5DYB
RF	B109	RB90X110	1150.00	0.0	U7DYB	9.613E-02 U5DYB
RF	B109	RB90X110	1200.00	0.0	U7DYB	9.491E-02 U5DYB
RF	B109	RB90X110	1250.00	0.0	U7DYB	9.368E-02 U5DYB
RF	B109	RB90X110	1300.00	0.0	U7DYB	9.370E-02 U5DYB

RF	B109	RB90X110	1350.00	0.0	U7DYB	9.493E-02	U5DYB
RF	B109	RB90X110	1400.00	0.0	U7DYB	9.615E-02	U5DYB
RF	B109	RB90X110	1450.00	0.0	U7DYB	9.738E-02	U5DYB
RF	B109	RB90X110	1500.00	0.0	U7DYB	9.861E-02	U5DYB
RF	B109	RB90X110	1550.00	0.0	U7DYB	9.984E-02	U5DYB
RF	B109	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B109	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B109	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB
RF	B109	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B109	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B109	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB
RF	B109	RB90X110	1900.00	0.0	U7DYB	0.1	U7EYB
RF	B109	RB90X110	1950.00	0.0	U7DYB	0.2	U7EYB
RF	B109	RB90X110	2000.00	0.0	U7DYB	0.2	U5EYB
RF	B109	RB90X110	2050.00	0.0	U7DYB	0.2	U5EYB
RF	B110	RGG90X120	57.50	0.0	U7DYB	0.3	U5EYA
RF	B110	RGG90X120	107.05	0.0	U7DYB	0.3	U5EYA
RF	B110	RGG90X120	156.60	0.0	U7DYB	0.3	U5EYA
RF	B110	RGG90X120	206.15	0.0	U7DYB	0.3	U5EYA
RF	B110	RGG90X120	255.71	0.0	U7DYB	0.3	U5EYA
RF	B110	RGG90X120	305.26	0.0	U7DYB	0.3	U5EYA
RF	B110	RGG90X120	354.81	0.0	U7DYB	0.3	U5EYA
RF	B110	RGG90X120	404.36	0.0	U7DYB	0.2	U5EYA
RF	B110	RGG90X120	453.91	0.0	U7DYB	0.2	U5EYA
RF	B110	RGG90X120	503.46	0.0	U7DYB	0.2	U5EYA
RF	B110	RGG90X120	553.01	0.0	U7DYB	0.2	U5EYA
RF	B110	RGG90X120	602.56	0.0	U7DYB	0.2	U5EYA
RF	B110	RGG90X120	652.12	0.0	U7DYB	0.1	U7EYA
RF	B110	RGG90X120	701.67	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	751.22	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	800.77	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	850.32	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	899.87	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	949.42	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	998.97	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	1048.53	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	1098.08	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	1147.63	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	1197.18	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	1246.73	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	1296.28	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	1345.83	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	1395.38	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	1444.94	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	1494.49	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	1544.04	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	1593.59	0.0	U7DYB	0.1	U5DYB
RF	B110	RGG90X120	1643.14	0.0	U7DYB	0.1	U7EYA
RF	B110	RGG90X120	1692.69	0.0	U7DYB	0.2	U5EYA
RF	B110	RGG90X120	1742.24	0.0	U7DYB	0.2	U5EYA
RF	B110	RGG90X120	1791.79	0.0	U7DYB	0.2	U5EYA
RF	B110	RGG90X120	1841.35	0.0	U7DYB	0.2	U5EYA
RF	B110	RGG90X120	1890.90	0.0	U7DYB	0.3	U5EYA
RF	B110	RGG90X120	1940.45	0.0	U7DYB	0.3	U5EYA
RF	B110	RGG90X120	1990.00	0.0	U7DYB	0.3	U5EYA
RF	B111	RB90X110	0.00	0.0	U7DYB	0.4	U5EYB
RF	B111	RB90X110	50.00	0.0	U7DYB	0.4	U5EYB
RF	B111	RB90X110	100.00	0.0	U7DYB	0.4	U5EYB
RF	B111	RB90X110	150.00	0.0	U7DYB	0.3	U5EYB
RF	B111	RB90X110	200.00	0.0	U7DYB	0.3	U5EYB
RF	B111	RB90X110	250.00	0.0	U7DYB	0.3	U5EYB
RF	B111	RB90X110	300.00	0.0	U7DYB	0.3	U5EYB
RF	B111	RB90X110	350.00	0.0	U7DYB	0.3	U5EYB

RF	B111	RB90X110	400.00	0.0	U7DYB	0.3	U5EYB
RF	B111	RB90X110	450.00	0.0	U7DYB	0.3	U5EYB
RF	B111	RB90X110	500.00	0.0	U7DYB	0.2	U5EYB
RF	B111	RB90X110	550.00	0.0	U7DYB	0.2	U5EYB
RF	B111	RB90X110	600.00	0.0	U7DYB	0.2	U5EYB
RF	B111	RB90X110	650.00	0.0	U7DYB	0.1	U7EYB
RF	B111	RB90X110	700.00	0.0	U7DYB	9.677E-02	U5DYB
RF	B111	RB90X110	750.00	0.0	U7DYB	9.573E-02	U5DYB
RF	B111	RB90X110	800.00	0.0	U7DYB	9.469E-02	U5DYB
RF	B111	RB90X110	850.00	0.0	U7DYB	9.364E-02	U5DYB
RF	B111	RB90X110	900.00	0.0	U7DYB	9.260E-02	U5DYB
RF	B111	RB90X110	950.00	0.0	U7DYB	9.156E-02	U5DYB
RF	B111	RB90X110	1000.00	0.0	U7DYB	9.052E-02	U5DYB
RF	B111	RB90X110	1050.00	0.0	U7DYB	8.947E-02	U5DYB
RF	B111	RB90X110	1100.00	0.0	U7DYB	8.843E-02	U5DYB
RF	B111	RB90X110	1150.00	0.0	U7DYB	8.739E-02	U5DYB
RF	B111	RB90X110	1200.00	0.0	U7DYB	8.634E-02	U5DYB
RF	B111	RB90X110	1250.00	0.0	U7DYB	8.530E-02	U5DYB
RF	B111	RB90X110	1300.00	0.0	U7DYB	8.528E-02	U5DYB
RF	B111	RB90X110	1350.00	0.0	U7DYB	8.633E-02	U5DYB
RF	B111	RB90X110	1400.00	0.0	U7DYB	8.737E-02	U5DYB
RF	B111	RB90X110	1450.00	0.0	U7DYB	8.841E-02	U5DYB
RF	B111	RB90X110	1500.00	0.0	U7DYB	8.946E-02	U5DYB
RF	B111	RB90X110	1550.00	0.0	U7DYB	9.050E-02	U5DYB
RF	B111	RB90X110	1600.00	0.0	U7DYB	9.154E-02	U5DYB
RF	B111	RB90X110	1650.00	0.0	U7DYB	9.258E-02	U5DYB
RF	B111	RB90X110	1700.00	0.0	U7DYB	9.363E-02	U5DYB
RF	B111	RB90X110	1750.00	0.0	U7DYB	9.467E-02	U5DYB
RF	B111	RB90X110	1800.00	0.0	U7DYB	9.571E-02	U5DYB
RF	B111	RB90X110	1850.00	0.0	U7DYB	9.676E-02	U5DYB
RF	B111	RB90X110	1900.00	0.0	U7DYB	0.1	U7EYB
RF	B111	RB90X110	1950.00	0.0	U7DYB	0.1	U7EYB
RF	B111	RB90X110	2000.00	0.0	U7DYB	0.2	U5EYB
RF	B111	RB90X110	2050.00	0.0	U7DYB	0.2	U5EYB

RF	B112	RGG90X120	57.50	0.0	U7DYB	0.4	U5EYA
RF	B112	RGG90X120	107.05	0.0	U7DYB	0.3	U5EYA
RF	B112	RGG90X120	156.60	0.0	U7DYB	0.3	U5EYA
RF	B112	RGG90X120	206.15	0.0	U7DYB	0.3	U5EYA
RF	B112	RGG90X120	255.71	0.0	U7DYB	0.3	U5EYA
RF	B112	RGG90X120	305.26	0.0	U7DYB	0.3	U5EYA
RF	B112	RGG90X120	354.81	0.0	U7DYB	0.3	U5EYA
RF	B112	RGG90X120	404.36	0.0	U7DYB	0.3	U5EYA
RF	B112	RGG90X120	453.91	0.0	U7DYB	0.2	U5EYA
RF	B112	RGG90X120	503.46	0.0	U7DYB	0.2	U5EYA
RF	B112	RGG90X120	553.01	0.0	U7DYB	0.2	U5EYA
RF	B112	RGG90X120	602.56	0.0	U7DYB	0.1	U7EYA
RF	B112	RGG90X120	652.12	0.0	U7DYB	0.1	U7EYA
RF	B112	RGG90X120	701.67	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	751.22	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	800.77	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	850.32	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	899.87	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	949.42	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	998.97	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	1048.53	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	1098.08	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	1147.63	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	1197.18	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	1246.73	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	1296.28	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	1345.83	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	1395.38	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	1444.94	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	1494.49	0.0	U7DYB	0.1	U5DYB

RF	B112	RGG90X120	1544.04	0.0	U7DYB	0.1	U5DYB
RF	B112	RGG90X120	1593.59	0.0	U7DYB	0.1	U7EYA
RF	B112	RGG90X120	1643.14	0.0	U7DYB	0.1	U7EYA
RF	B112	RGG90X120	1692.69	0.0	U7DYB	0.2	U5EYA
RF	B112	RGG90X120	1742.24	0.0	U7DYB	0.2	U5EYA
RF	B112	RGG90X120	1791.79	0.0	U7DYB	0.2	U5EYA
RF	B112	RGG90X120	1841.35	0.0	U7DYB	0.3	U5EYA
RF	B112	RGG90X120	1890.90	0.0	U7DYB	0.3	U5EYA
RF	B112	RGG90X120	1940.45	0.0	U7DYB	0.3	U5EYA
RF	B112	RGG90X120	1990.00	0.0	U7DYB	0.3	U5EYA
RF	B113	RB90X110	0.00	0.0	U7DYB	0.5	U5EYB
RF	B113	RB90X110	50.00	0.0	U7DYB	0.4	U5EYB
RF	B113	RB90X110	100.00	0.0	U7DYB	0.4	U5EYB
RF	B113	RB90X110	150.00	0.0	U7DYB	0.4	U5EYB
RF	B113	RB90X110	200.00	0.0	U7DYB	0.4	U5EYB
RF	B113	RB90X110	250.00	0.0	U7DYB	0.4	U5EYB
RF	B113	RB90X110	300.00	0.0	U7DYB	0.4	U5EYB
RF	B113	RB90X110	350.00	0.0	U7DYB	0.3	U5EYB
RF	B113	RB90X110	400.00	0.0	U7DYB	0.3	U5EYB
RF	B113	RB90X110	450.00	0.0	U7DYB	0.3	U5EYB
RF	B113	RB90X110	500.00	0.0	U7DYB	0.3	U5EYB
RF	B113	RB90X110	550.00	0.0	U7DYB	0.3	U5EYB
RF	B113	RB90X110	600.00	0.0	U7DYB	0.3	U5EYB
RF	B113	RB90X110	650.00	0.0	U7DYB	0.2	U7EYB
RF	B113	RB90X110	700.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	750.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	800.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	850.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	900.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1000.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1050.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1100.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1150.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1200.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1250.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1300.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1350.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1400.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1450.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1500.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1550.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB
RF	B113	RB90X110	1900.00	0.0	U7DYB	0.2	U7EYB
RF	B113	RB90X110	1950.00	0.0	U7DYB	0.2	U7EYB
RF	B113	RB90X110	2000.00	0.0	U7DYB	0.3	U5EYB
RF	B113	RB90X110	2050.00	0.0	U7DYB	0.3	U5EYB
RF	B114	RGG90X120	60.00	0.0	U7DYB	0.4	U5EYA
RF	B114	RGG90X120	109.49	0.0	U7DYB	0.4	U5EYA
RF	B114	RGG90X120	158.97	0.0	U7DYB	0.3	U5EYA
RF	B114	RGG90X120	208.46	0.0	U7DYB	0.3	U5EYA
RF	B114	RGG90X120	257.95	0.0	U7DYB	0.3	U5EYA
RF	B114	RGG90X120	307.44	0.0	U7DYB	0.3	U5EYA
RF	B114	RGG90X120	356.92	0.0	U7DYB	0.3	U5EYA
RF	B114	RGG90X120	406.41	0.0	U7DYB	0.3	U5EYA
RF	B114	RGG90X120	455.90	0.0	U7DYB	0.2	U5EYA
RF	B114	RGG90X120	505.38	0.0	U7DYB	0.2	U5EYA
RF	B114	RGG90X120	554.87	0.0	U7DYB	0.2	U5EYA

RF	B114	RGG90X120	604.36	0.0	U7DYB	0.1	U7EYA
RF	B114	RGG90X120	653.85	0.0	U7DYB	0.1	U7EYA
RF	B114	RGG90X120	703.33	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	752.82	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	802.31	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	851.79	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	901.28	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	950.77	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	1000.26	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	1049.74	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	1099.23	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	1148.72	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	1198.21	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	1247.69	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	1297.18	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	1346.67	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	1396.15	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	1445.64	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	1495.13	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	1544.62	0.0	U7DYB	0.1	U5DYB
RF	B114	RGG90X120	1594.10	0.0	U7DYB	0.1	U7EYA
RF	B114	RGG90X120	1643.59	0.0	U7DYB	0.2	U5EYA
RF	B114	RGG90X120	1693.08	0.0	U7DYB	0.2	U5EYA
RF	B114	RGG90X120	1742.56	0.0	U7DYB	0.2	U5EYA
RF	B114	RGG90X120	1792.05	0.0	U7DYB	0.3	U5EYA
RF	B114	RGG90X120	1841.54	0.0	U7DYB	0.3	U5EYA
RF	B114	RGG90X120	1891.03	0.0	U7DYB	0.3	U5EYA
RF	B114	RGG90X120	1940.51	0.0	U7DYB	0.3	U5EYA
RF	B114	RGG90X120	1990.00	0.0	U7DYB	0.3	U5EYA

RF	B115	RB90X110	0.00	0.0	U7DYB	0.4	U5EYB
RF	B115	RB90X110	50.00	0.0	U7DYB	0.4	U5EYB
RF	B115	RB90X110	100.00	0.0	U7DYB	0.4	U5EYB
RF	B115	RB90X110	150.00	0.0	U7DYB	0.4	U5EYB
RF	B115	RB90X110	200.00	0.0	U7DYB	0.4	U5EYB
RF	B115	RB90X110	250.00	0.0	U7DYB	0.3	U5EYB
RF	B115	RB90X110	300.00	0.0	U7DYB	0.3	U5EYB
RF	B115	RB90X110	350.00	0.0	U7DYB	0.3	U5EYB
RF	B115	RB90X110	400.00	0.0	U7DYB	0.3	U5EYB
RF	B115	RB90X110	450.00	0.0	U7DYB	0.3	U5EYB
RF	B115	RB90X110	500.00	0.0	U7DYB	0.3	U5EYB
RF	B115	RB90X110	550.00	0.0	U7DYB	0.2	U5EYB
RF	B115	RB90X110	600.00	0.0	U7DYB	0.2	U5EYB
RF	B115	RB90X110	650.00	0.0	U7DYB	0.1	U7EYB
RF	B115	RB90X110	700.00	0.0	U7DYB	0.1	U5DYB
RF	B115	RB90X110	750.00	0.0	U7DYB	0.1	U5DYB
RF	B115	RB90X110	800.00	0.0	U7DYB	0.1	U5DYB
RF	B115	RB90X110	850.00	0.0	U7DYB	0.1	U5DYB
RF	B115	RB90X110	900.00	0.0	U7DYB	0.1	U5DYB
RF	B115	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B115	RB90X110	1000.00	0.0	U7DYB	9.933E-02	U5DYB
RF	B115	RB90X110	1050.00	0.0	U7DYB	9.810E-02	U5DYB
RF	B115	RB90X110	1100.00	0.0	U7DYB	9.688E-02	U5DYB
RF	B115	RB90X110	1150.00	0.0	U7DYB	9.565E-02	U5DYB
RF	B115	RB90X110	1200.00	0.0	U7DYB	9.442E-02	U5DYB
RF	B115	RB90X110	1250.00	0.0	U7DYB	9.319E-02	U5DYB
RF	B115	RB90X110	1300.00	0.0	U7DYB	9.331E-02	U5DYB
RF	B115	RB90X110	1350.00	0.0	U7DYB	9.454E-02	U5DYB
RF	B115	RB90X110	1400.00	0.0	U7DYB	9.577E-02	U5DYB
RF	B115	RB90X110	1450.00	0.0	U7DYB	9.699E-02	U5DYB
RF	B115	RB90X110	1500.00	0.0	U7DYB	9.822E-02	U5DYB
RF	B115	RB90X110	1550.00	0.0	U7DYB	9.945E-02	U5DYB
RF	B115	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B115	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B115	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB

RF	B115	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B115	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B115	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB
RF	B115	RB90X110	1900.00	0.0	U7DYB	0.1	U7EYB
RF	B115	RB90X110	1950.00	0.0	U7DYB	0.2	U7EYB
RF	B115	RB90X110	2000.00	0.0	U7DYB	0.2	U5EYB
RF	B115	RB90X110	2050.00	0.0	U7DYB	0.2	U5EYB
RF	B116	RB90X110	0.00	0.0	U7DYB	0.4	U5EYB
RF	B116	RB90X110	50.00	0.0	U7DYB	0.4	U5EYB
RF	B116	RB90X110	100.00	0.0	U7DYB	0.4	U5EYB
RF	B116	RB90X110	150.00	0.0	U7DYB	0.4	U5EYB
RF	B116	RB90X110	200.00	0.0	U7DYB	0.4	U5EYB
RF	B116	RB90X110	250.00	0.0	U7DYB	0.3	U5EYB
RF	B116	RB90X110	300.00	0.0	U7DYB	0.3	U5EYB
RF	B116	RB90X110	350.00	0.0	U7DYB	0.3	U5EYB
RF	B116	RB90X110	400.00	0.0	U7DYB	0.3	U5EYB
RF	B116	RB90X110	450.00	0.0	U7DYB	0.3	U5EYB
RF	B116	RB90X110	500.00	0.0	U7DYB	0.3	U5EYB
RF	B116	RB90X110	550.00	0.0	U7DYB	0.2	U5EYB
RF	B116	RB90X110	600.00	0.0	U7DYB	0.2	U5EYB
RF	B116	RB90X110	650.00	0.0	U7DYB	0.1	U7EYB
RF	B116	RB90X110	700.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	750.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	800.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	850.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	900.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	950.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	1000.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	1050.00	0.0	U7DYB	9.917E-02	U5DYB
RF	B116	RB90X110	1100.00	0.0	U7DYB	9.794E-02	U5DYB
RF	B116	RB90X110	1150.00	0.0	U7DYB	9.672E-02	U5DYB
RF	B116	RB90X110	1200.00	0.0	U7DYB	9.549E-02	U5DYB
RF	B116	RB90X110	1250.00	0.0	U7DYB	9.426E-02	U5DYB
RF	B116	RB90X110	1300.00	0.0	U7DYB	9.441E-02	U5DYB
RF	B116	RB90X110	1350.00	0.0	U7DYB	9.564E-02	U5DYB
RF	B116	RB90X110	1400.00	0.0	U7DYB	9.687E-02	U5DYB
RF	B116	RB90X110	1450.00	0.0	U7DYB	9.809E-02	U5DYB
RF	B116	RB90X110	1500.00	0.0	U7DYB	9.932E-02	U5DYB
RF	B116	RB90X110	1550.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	1600.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	1650.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	1700.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	1750.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	1800.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	1850.00	0.0	U7DYB	0.1	U5DYB
RF	B116	RB90X110	1900.00	0.0	U7DYB	0.1	U7EYB
RF	B116	RB90X110	1950.00	0.0	U7DYB	0.2	U7EYB
RF	B116	RB90X110	2000.00	0.0	U7DYB	0.2	U5EYB
RF	B116	RB90X110	2050.00	0.0	U7DYB	0.2	U5EYB
RF	B121	G90X120	45.00	0.0	U7DYB	0.3	U5EYA
RF	B121	G90X120	94.72	0.0	U7DYB	0.3	U5EYA
RF	B121	G90X120	144.44	0.0	U7DYB	0.3	U5EYA
RF	B121	G90X120	194.17	0.0	U7DYB	0.3	U5EYA
RF	B121	G90X120	243.89	0.0	U7DYB	0.2	U5EYA
RF	B121	G90X120	293.61	0.0	U7DYB	0.2	U5EYA
RF	B121	G90X120	343.33	0.0	U7DYB	0.2	U5EYA
RF	B121	G90X120	393.06	0.0	U7DYB	0.2	U5DYB
RF	B121	G90X120	442.78	0.0	U7DYB	0.2	U5DYB
RF	B121	G90X120	492.50	0.0	U7DYB	0.2	U5DYB
RF	B121	G90X120	542.22	0.0	U7DYB	0.2	U5DYB
RF	B121	G90X120	591.94	0.0	U7DYB	0.2	U5EYA
RF	B121	G90X120	641.67	0.0	U7DYB	0.2	U5EYA
RF	B121	G90X120	691.39	0.0	U7DYB	0.2	U5EYA

RF	B121	G90X120	741.11	0.0	U7DYB	0.3	U5EYA
RF	B121	G90X120	790.83	0.0	U7DYB	0.3	U5EYA
RF	B121	G90X120	840.56	0.0	U7DYB	0.3	U5EYA
RF	B121	G90X120	890.28	0.0	U7DYB	0.3	U5EYA
RF	B121	G90X120	940.00	0.0	U7DYB	0.3	U5EYA

RF	B126	RGB90X120	60.00	7.994E-02	U5EYA	0.2	U5EXA
RF	B126	RGB90X120	108.00	7.994E-02	U5EYA	0.2	U5EXA
RF	B126	RGB90X120	156.00	7.994E-02	U5EYA	0.2	U5EXA
RF	B126	RGB90X120	204.00	7.994E-02	U5EYA	0.2	U5DYB
RF	B126	RGB90X120	252.00	7.994E-02	U5EYA	0.2	U5DYB
RF	B126	RGB90X120	300.00	7.994E-02	U5EYA	0.2	U5DYB
RF	B126	RGB90X120	300.00	7.994E-02	U5EYA	0.2	U5EXA
RF	B126	RGB90X120	349.00	7.994E-02	U5EYA	0.3	U5EXA
RF	B126	RGB90X120	398.00	7.994E-02	U5EYA	0.3	U5EXA
RF	B126	RGB90X120	447.00	7.994E-02	U5EYA	0.3	U5EXA
RF	B126	RGB90X120	496.00	7.994E-02	U5EYA	0.3	U5EXA
RF	B126	RGB90X120	545.00	7.994E-02	U5EYA	0.3	U5EXA

RF	B127	RGB90X120	55.00	3.945E-02	U5EYA	0.3	U5EXA
RF	B127	RGB90X120	104.00	3.945E-02	U5EYA	0.3	U5EXA
RF	B127	RGB90X120	153.00	3.945E-02	U5EYA	0.3	U5EXA
RF	B127	RGB90X120	202.00	3.945E-02	U5EYA	0.2	U5EXA
RF	B127	RGB90X120	251.00	3.945E-02	U5EYA	0.2	U5EXA
RF	B127	RGB90X120	300.00	3.945E-02	U5EYA	0.2	U5EXA
RF	B127	RGB90X120	300.00	3.945E-02	U5EYA	0.2	U5DYB
RF	B127	RGB90X120	349.00	3.945E-02	U5EYA	0.2	U5EXA
RF	B127	RGB90X120	398.00	3.945E-02	U5EYA	0.2	U5EXA
RF	B127	RGB90X120	447.00	3.945E-02	U5EYA	0.2	U5EXA
RF	B127	RGB90X120	496.00	3.945E-02	U5EYA	0.2	U5EXA
RF	B127	RGB90X120	545.00	3.945E-02	U5EYA	0.3	U5EXA

RF	B128	RGB90X120	55.00	0.0	U7DYB	0.2	U5EXA
RF	B128	RGB90X120	104.00	0.0	U7DYB	0.2	U5EXA
RF	B128	RGB90X120	153.00	0.0	U7DYB	0.2	U5EXA
RF	B128	RGB90X120	202.00	0.0	U7DYB	0.2	U5EXA
RF	B128	RGB90X120	251.00	0.0	U7DYB	0.2	U5DYB
RF	B128	RGB90X120	300.00	0.0	U7DYB	0.2	U5DYB
RF	B128	RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA
RF	B128	RGB90X120	349.00	0.0	U7DYB	0.2	U5EXA
RF	B128	RGB90X120	398.00	0.0	U7DYB	0.3	U5EXA
RF	B128	RGB90X120	447.00	0.0	U7DYB	0.3	U5EXA
RF	B128	RGB90X120	496.00	0.0	U7DYB	0.3	U5EXA
RF	B128	RGB90X120	545.00	0.0	U7DYB	0.3	U5EXA

RF	B129	RGB90X120	55.00	0.0	U7DYB	0.3	U5EXA
RF	B129	RGB90X120	104.00	0.0	U7DYB	0.3	U5EXA
RF	B129	RGB90X120	153.00	0.0	U7DYB	0.2	U5EXA
RF	B129	RGB90X120	202.00	0.0	U7DYB	0.2	U5EXA
RF	B129	RGB90X120	251.00	0.0	U7DYB	0.2	U5EXA
RF	B129	RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA
RF	B129	RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA
RF	B129	RGB90X120	349.00	0.0	U7DYB	0.2	U5EXA
RF	B129	RGB90X120	398.00	0.0	U7DYB	0.2	U5EXA
RF	B129	RGB90X120	447.00	0.0	U7DYB	0.3	U5EXA
RF	B129	RGB90X120	496.00	0.0	U7DYB	0.3	U5EXA
RF	B129	RGB90X120	545.00	0.0	U7DYB	0.3	U5EXA

RF	B130	RGB90X120	55.00	0.0	U7DYB	0.3	U5EXA
RF	B130	RGB90X120	104.00	0.0	U7DYB	0.3	U5EXA
RF	B130	RGB90X120	153.00	0.0	U7DYB	0.2	U5EXA
RF	B130	RGB90X120	202.00	0.0	U7DYB	0.2	U5EXA
RF	B130	RGB90X120	251.00	0.0	U7DYB	0.2	U5EXA
RF	B130	RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA
RF	B130	RGB90X120	300.00	0.0	U7DYB	0.2	U5EXA

RF	B130	RGB90X120	349.00	0.0	U7DYB	0.2 U5EXA
RF	B130	RGB90X120	398.00	0.0	U7DYB	0.2 U5EXA
RF	B130	RGB90X120	447.00	0.0	U7DYB	0.2 U5EXA
RF	B130	RGB90X120	496.00	0.0	U7DYB	0.3 U5EXA
RF	B130	RGB90X120	545.00	0.0	U7DYB	0.3 U5EXA
RF	B131	RGB90X120	55.00	0.0	U7DYB	0.3 U5EXA
RF	B131	RGB90X120	104.00	0.0	U7DYB	0.3 U5EXA
RF	B131	RGB90X120	153.00	0.0	U7DYB	0.2 U5EXA
RF	B131	RGB90X120	202.00	0.0	U7DYB	0.2 U5EXA
RF	B131	RGB90X120	251.00	0.0	U7DYB	0.2 U5EXA
RF	B131	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B131	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B131	RGB90X120	349.00	0.0	U7DYB	0.2 U5EXA
RF	B131	RGB90X120	398.00	0.0	U7DYB	0.2 U5EXA
RF	B131	RGB90X120	447.00	0.0	U7DYB	0.2 U5EXA
RF	B131	RGB90X120	496.00	0.0	U7DYB	0.3 U5EXA
RF	B131	RGB90X120	545.00	0.0	U7DYB	0.3 U5EXA
RF	B132	RGB90X120	55.00	0.0	U7DYB	0.3 U5EXA
RF	B132	RGB90X120	104.00	0.0	U7DYB	0.3 U5EXA
RF	B132	RGB90X120	153.00	0.0	U7DYB	0.2 U5EXA
RF	B132	RGB90X120	202.00	0.0	U7DYB	0.2 U5EXA
RF	B132	RGB90X120	251.00	0.0	U7DYB	0.2 U5EXA
RF	B132	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B132	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B132	RGB90X120	349.00	0.0	U7DYB	0.2 U5EXA
RF	B132	RGB90X120	398.00	0.0	U7DYB	0.2 U5EXA
RF	B132	RGB90X120	447.00	0.0	U7DYB	0.2 U5EXA
RF	B132	RGB90X120	496.00	0.0	U7DYB	0.3 U5EXA
RF	B132	RGB90X120	545.00	0.0	U7DYB	0.3 U5EXA
RF	B133	RGB90X120	55.00	0.0	U7DYB	0.3 U5EXA
RF	B133	RGB90X120	104.00	0.0	U7DYB	0.3 U5EXA
RF	B133	RGB90X120	153.00	0.0	U7DYB	0.2 U5EXA
RF	B133	RGB90X120	202.00	0.0	U7DYB	0.2 U5EXA
RF	B133	RGB90X120	251.00	0.0	U7DYB	0.2 U5EXA
RF	B133	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B133	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B133	RGB90X120	349.00	0.0	U7DYB	0.2 U5EXA
RF	B133	RGB90X120	398.00	0.0	U7DYB	0.2 U5EXA
RF	B133	RGB90X120	447.00	0.0	U7DYB	0.2 U5EXA
RF	B133	RGB90X120	496.00	0.0	U7DYB	0.3 U5EXA
RF	B133	RGB90X120	545.00	0.0	U7DYB	0.3 U5EXA
RF	B134	RGB90X120	55.00	0.0	U7DYB	0.3 U5EXA
RF	B134	RGB90X120	104.00	0.0	U7DYB	0.3 U5EXA
RF	B134	RGB90X120	153.00	0.0	U7DYB	0.2 U5EXA
RF	B134	RGB90X120	202.00	0.0	U7DYB	0.2 U5EXA
RF	B134	RGB90X120	251.00	0.0	U7DYB	0.2 U5EXA
RF	B134	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B134	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B134	RGB90X120	349.00	0.0	U7DYB	0.2 U5EXA
RF	B134	RGB90X120	398.00	0.0	U7DYB	0.2 U5EXA
RF	B134	RGB90X120	447.00	0.0	U7DYB	0.2 U5EXA
RF	B134	RGB90X120	496.00	0.0	U7DYB	0.3 U5EXA
RF	B134	RGB90X120	545.00	0.0	U7DYB	0.3 U5EXA
RF	B135	RGB90X120	55.00	0.0	U7DYB	0.3 U5EXA
RF	B135	RGB90X120	104.00	0.0	U7DYB	0.3 U5EXA
RF	B135	RGB90X120	153.00	0.0	U7DYB	0.2 U5EXA
RF	B135	RGB90X120	202.00	0.0	U7DYB	0.2 U5EXA
RF	B135	RGB90X120	251.00	0.0	U7DYB	0.2 U5EXA
RF	B135	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B135	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA

RF	B135	RGB90X120	349.00	0.0	U7DYB	0.2 U5EXA
RF	B135	RGB90X120	398.00	0.0	U7DYB	0.2 U5EXA
RF	B135	RGB90X120	447.00	0.0	U7DYB	0.2 U5EXA
RF	B135	RGB90X120	496.00	0.0	U7DYB	0.3 U5EXA
RF	B135	RGB90X120	545.00	0.0	U7DYB	0.3 U5EXA
RF	B136	RGB90X120	55.00	0.0	U7DYB	0.3 U5EXA
RF	B136	RGB90X120	104.00	0.0	U7DYB	0.3 U5EXA
RF	B136	RGB90X120	153.00	0.0	U7DYB	0.2 U5EXA
RF	B136	RGB90X120	202.00	0.0	U7DYB	0.2 U5EXA
RF	B136	RGB90X120	251.00	0.0	U7DYB	0.2 U5EXA
RF	B136	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B136	RGB90X120	300.00	0.0	U7DYB	0.2 U5EXA
RF	B136	RGB90X120	349.00	0.0	U7DYB	0.2 U5EXA
RF	B136	RGB90X120	398.00	0.0	U7DYB	0.2 U5EXA
RF	B136	RGB90X120	447.00	0.0	U7DYB	0.3 U5EXA
RF	B136	RGB90X120	496.00	0.0	U7DYB	0.3 U5EXA
RF	B136	RGB90X120	545.00	0.0	U7DYB	0.3 U5EXA
RF	B137	RGB90X120	55.00	0.0	U7DYB	0.3 U5EXA
RF	B137	RGB90X120	105.00	0.0	U7DYB	0.2 U5EXA
RF	B137	RGB90X120	155.00	0.0	U7DYB	0.2 U5EXA
RF	B137	RGB90X120	205.00	0.0	U7DYB	0.2 U5EXA
RF	B137	RGB90X120	255.00	0.0	U7DYB	0.2 U5DYB
RF	B137	RGB90X120	255.00	0.0	U7DYB	0.2 U5DYB
RF	B137	RGB90X120	305.00	0.0	U7DYB	0.2 U5EXA
RF	B137	RGB90X120	355.00	0.0	U7DYB	0.2 U5EXA
RF	B137	RGB90X120	405.00	0.0	U7DYB	0.2 U5EXA
RF	B137	RGB90X120	455.00	0.0	U7DYB	0.3 U5EXA
RF	B138	RGB90X120	55.00	0.0	U7DYB	0.3 U5EXA
RF	B138	RGB90X120	103.33	0.0	U7DYB	0.3 U5EXA
RF	B138	RGB90X120	151.67	0.0	U7DYB	0.3 U5EXA
RF	B138	RGB90X120	200.00	0.0	U7DYB	0.2 U5EXA
RF	B138	RGB90X120	248.33	0.0	U7DYB	0.2 U5EXA
RF	B138	RGB90X120	296.67	0.0	U7DYB	0.2 U5EXA
RF	B138	RGB90X120	345.00	0.0	U7DYB	0.2 U5EXA
RF	B138	RGB90X120	345.00	0.0	U7DYB	0.2 U5EXA
RF	B138	RGB90X120	393.33	0.0	U7DYB	0.2 U5EXA
RF	B138	RGB90X120	441.67	0.0	U7DYB	0.2 U5EXA
RF	B138	RGB90X120	490.00	0.0	U7DYB	0.2 U5EXA
RF	B138	RGB90X120	538.33	0.0	U7DYB	0.3 U5EXA
RF	B138	RGB90X120	586.67	0.0	U7DYB	0.3 U5EXA
RF	B138	RGB90X120	635.00	0.0	U7DYB	0.3 U5EXA
RF	B139	RGB90X120	55.00	5.863E-02	U5EYA	0.4 U5EXA
RF	B139	RGB90X120	104.00	5.863E-02	U5EYA	0.4 U5EXA
RF	B139	RGB90X120	153.00	5.863E-02	U5EYA	0.4 U5EXA
RF	B139	RGB90X120	202.00	5.863E-02	U5EYA	0.4 U5EXA
RF	B139	RGB90X120	251.00	5.863E-02	U5EYA	0.3 U5EXA
RF	B139	RGB90X120	300.00	5.863E-02	U5EYA	0.3 U5EXA
RF	B139	RGB90X120	300.00	5.863E-02	U5EYA	0.2 U5DYB
RF	B139	RGB90X120	350.00	5.863E-02	U5EYA	0.2 U5DYB
RF	B139	RGB90X120	400.00	5.863E-02	U5EYA	0.2 U5DYB
RF	B139	RGB90X120	450.00	5.863E-02	U5EYA	0.2 U5DYB
RF	B139	RGB90X120	500.00	5.863E-02	U5EYA	0.2 U5DYB
RF	B139	RGB90X120	550.00	5.863E-02	U5EYA	0.2 U5DYB
RF	B139	RGB90X120	600.00	5.863E-02	U5EYA	0.2 U5DYB
RF	B139	RGB90X120	600.00	5.863E-02	U5EYA	0.3 U5EXA
RF	B139	RGB90X120	649.00	5.863E-02	U5EYA	0.3 U5EXA
RF	B139	RGB90X120	698.00	5.863E-02	U5EYA	0.3 U5EXA
RF	B139	RGB90X120	747.00	5.863E-02	U5EYA	0.3 U5EXA
RF	B139	RGB90X120	796.00	5.863E-02	U5EYA	0.4 U5EXA
RF	B139	RGB90X120	845.00	5.863E-02	U5EYA	0.4 U5EXA

4F	B1	G90X120	60.00	3.652E-02	U5EYA	0.2	U5EXA
4F	B1	G90X120	108.50	3.652E-02	U5EYA	0.2	U5EXA
4F	B1	G90X120	157.00	3.652E-02	U5EYA	0.2	U5DYB
4F	B1	G90X120	205.50	3.652E-02	U5EYA	0.2	U5DYB
4F	B1	G90X120	254.00	3.652E-02	U5EYA	0.2	U5DYB
4F	B1	G90X120	302.50	3.652E-02	U5EYA	0.2	U5DYB
4F	B1	G90X120	351.00	3.652E-02	U5EYA	0.2	U5DYB
4F	B1	G90X120	399.50	3.652E-02	U5EYA	0.2	U5DYB
4F	B1	G90X120	448.00	3.652E-02	U5EYA	0.2	U5EXA
4F	B1	G90X120	496.50	3.652E-02	U5EYA	0.3	U5EXA
4F	B1	G90X120	545.00	3.652E-02	U5EYA	0.3	U5EXA
4F	B2	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B2	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
4F	B2	G90X120	153.00	0.0	U7DYB	0.3	U5EXA
4F	B2	G90X120	202.00	0.0	U7DYB	0.3	U5DYB
4F	B2	G90X120	251.00	0.0	U7DYB	0.3	U5DYB
4F	B2	G90X120	300.00	0.0	U7DYB	0.3	U5DYB
4F	B2	G90X120	349.00	0.0	U7DYB	0.3	U5DYB
4F	B2	G90X120	398.00	0.0	U7DYB	0.3	U5DYB
4F	B2	G90X120	447.00	0.0	U7DYB	0.3	U5DYB
4F	B2	G90X120	496.00	0.0	U7DYB	0.3	U5DYB
4F	B2	G90X120	545.00	0.0	U7DYB	0.3	U5DYB
4F	B3	G90X120	55.00	0.0	U7DYB	0.2	U5EXA
4F	B3	G90X120	99.33	0.0	U7DYB	0.2	U5EXA
4F	B3	G90X120	143.67	0.0	U7DYB	0.2	U5DYB
4F	B3	G90X120	188.00	0.0	U7DYB	0.2	U5DYB
4F	B3	G90X120	232.33	0.0	U7DYB	0.2	U5DYB
4F	B3	G90X120	276.67	0.0	U7DYB	0.2	U5DYB
4F	B3	G90X120	321.00	0.0	U7DYB	0.2	U5DYB
4F	B3	G90X120	321.00	0.0	U7DYB	0.2	U5DYB
4F	B3	G90X120	365.80	0.0	U7DYB	0.2	U5DYB
4F	B3	G90X120	410.60	0.0	U7DYB	0.2	U5DYB
4F	B3	G90X120	455.40	0.0	U7DYB	0.2	U5EXA
4F	B3	G90X120	500.20	0.0	U7DYB	0.3	U5EXA
4F	B3	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B4	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B4	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
4F	B4	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B4	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
4F	B4	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B4	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B4	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B4	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
4F	B4	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B4	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
4F	B4	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B5	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B5	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
4F	B5	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B5	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
4F	B5	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B5	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B5	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B5	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
4F	B5	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B5	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
4F	B5	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B6	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B6	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
4F	B6	G90X120	153.00	0.0	U7DYB	0.2	U5EXA

4F	B6	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
4F	B6	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B6	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B6	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B6	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
4F	B6	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B6	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
4F	B6	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B7	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B7	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
4F	B7	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B7	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
4F	B7	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B7	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B7	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B7	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
4F	B7	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B7	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
4F	B7	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B8	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B8	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
4F	B8	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B8	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
4F	B8	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B8	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B8	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B8	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
4F	B8	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B8	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
4F	B8	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B9	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B9	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
4F	B9	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B9	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
4F	B9	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B9	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B9	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B9	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
4F	B9	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B9	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
4F	B9	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B10	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B10	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
4F	B10	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B10	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
4F	B10	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B10	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B10	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B10	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
4F	B10	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B10	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
4F	B10	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B11	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B11	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
4F	B11	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B11	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
4F	B11	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B11	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B11	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B11	G90X120	398.00	0.0	U7DYB	0.2	U5DYB

4F	B11	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B11	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
4F	B11	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B12	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B12	G90X120	105.00	0.0	U7DYB	0.3	U5EXA
4F	B12	G90X120	155.00	0.0	U7DYB	0.2	U5DYB
4F	B12	G90X120	205.00	0.0	U7DYB	0.2	U5DYB
4F	B12	G90X120	255.00	0.0	U7DYB	0.2	U5DYB
4F	B12	G90X120	305.00	0.0	U7DYB	0.2	U5DYB
4F	B12	G90X120	355.00	0.0	U7DYB	0.2	U5DYB
4F	B12	G90X120	405.00	0.0	U7DYB	0.2	U5DYB
4F	B12	G90X120	455.00	0.0	U7DYB	0.2	U5DYB
4F	B13	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B13	G90X120	103.33	0.0	U7DYB	0.3	U5EXA
4F	B13	G90X120	151.67	0.0	U7DYB	0.3	U5EXA
4F	B13	G90X120	200.00	0.0	U7DYB	0.2	U5EXA
4F	B13	G90X120	248.33	0.0	U7DYB	0.2	U5EXA
4F	B13	G90X120	296.67	0.0	U7DYB	0.2	U5DYB
4F	B13	G90X120	345.00	0.0	U7DYB	0.2	U5DYB
4F	B13	G90X120	393.33	0.0	U7DYB	0.2	U5DYB
4F	B13	G90X120	441.67	0.0	U7DYB	0.2	U5DYB
4F	B13	G90X120	490.00	0.0	U7DYB	0.2	U5DYB
4F	B13	G90X120	538.33	0.0	U7DYB	0.2	U5DYB
4F	B13	G90X120	586.67	0.0	U7DYB	0.2	U5DYB
4F	B13	G90X120	635.00	0.0	U7DYB	0.2	U5EXA
4F	B14	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B14	G90X120	104.38	0.0	U7DYB	0.3	U5EXA
4F	B14	G90X120	153.75	0.0	U7DYB	0.2	U5EXA
4F	B14	G90X120	203.13	0.0	U7DYB	0.2	U5EXA
4F	B14	G90X120	252.50	0.0	U7DYB	0.2	U5EXA
4F	B14	G90X120	301.88	0.0	U7DYB	0.2	U5EXA
4F	B14	G90X120	351.25	0.0	U7DYB	0.1	U5DYB
4F	B14	G90X120	400.63	0.0	U7DYB	0.1	U5DYB
4F	B14	G90X120	450.00	0.0	U7DYB	0.1	U5DYB
4F	B14	G90X120	499.38	0.0	U7DYB	0.1	U5DYB
4F	B14	G90X120	548.75	0.0	U7DYB	0.1	U5DYB
4F	B14	G90X120	598.13	0.0	U7DYB	0.1	U5EXA
4F	B14	G90X120	647.50	0.0	U7DYB	0.2	U5EXA
4F	B14	G90X120	696.88	0.0	U7DYB	0.2	U5EXA
4F	B14	G90X120	746.25	0.0	U7DYB	0.2	U5EXA
4F	B14	G90X120	795.63	0.0	U7DYB	0.2	U5EXA
4F	B14	G90X120	845.00	0.0	U7DYB	0.3	U5EXA
4F	B17	G90X120	60.00	0.0	U7DYB	0.5	U5EYA
4F	B17	G90X120	108.42	0.0	U7DYB	0.4	U5EYA
4F	B17	G90X120	156.84	0.0	U7DYB	0.4	U5EYA
4F	B17	G90X120	205.26	0.0	U7DYB	0.4	U5EYA
4F	B17	G90X120	253.68	0.0	U7DYB	0.4	U5EYA
4F	B17	G90X120	302.11	0.0	U7DYB	0.3	U5EYA
4F	B17	G90X120	350.53	0.0	U7DYB	0.3	U5EYA
4F	B17	G90X120	398.95	0.0	U7DYB	0.3	U5EYA
4F	B17	G90X120	447.37	0.0	U7DYB	0.3	U5EYA
4F	B17	G90X120	495.79	0.0	U7DYB	0.2	U5DYB
4F	B17	G90X120	544.21	0.0	U7DYB	0.2	U5DYB
4F	B17	G90X120	592.63	0.0	U7DYB	0.2	U5DYB
4F	B17	G90X120	641.05	0.0	U7DYB	0.3	U5EYA
4F	B17	G90X120	689.47	0.0	U7DYB	0.3	U5EYA
4F	B17	G90X120	737.89	0.0	U7DYB	0.3	U5EYA
4F	B17	G90X120	786.32	0.0	U7DYB	0.3	U5EYA
4F	B17	G90X120	834.74	0.0	U7DYB	0.4	U5EYA
4F	B17	G90X120	883.16	0.0	U7DYB	0.4	U5EYA
4F	B17	G90X120	931.58	0.0	U7DYB	0.4	U5EYA

4F	B17	G90X120	980.00	0.0	U7DYB	0.4 U5EYA
4F	B24	G100X150-C	60.00	0.0	U7DYB	0.5 U5EYA
4F	B24	G100X150-C	109.49	0.0	U7DYB	0.5 U5EYA
4F	B24	G100X150-C	158.97	0.0	U7DYB	0.5 U5EYA
4F	B24	G100X150-C	208.46	0.0	U7DYB	0.4 U5EYA
4F	B24	G100X150-C	257.95	0.0	U7DYB	0.4 U5EYA
4F	B24	G100X150-C	307.44	0.0	U7DYB	0.4 U5EYA
4F	B24	G100X150-C	356.92	0.0	U7DYB	0.4 U5EYA
4F	B24	G100X150-C	406.41	0.0	U7DYB	0.4 U5EYA
4F	B24	G100X150-C	455.90	0.0	U7DYB	0.3 U5EYA
4F	B24	G100X150-C	505.38	0.0	U7DYB	0.3 U5EYA
4F	B24	G100X150-C	554.87	0.0	U7DYB	0.3 U5EYA
4F	B24	G100X150-C	604.36	0.0	U7DYB	0.3 U5EYA
4F	B24	G100X150-C	653.85	0.0	U7DYB	0.2 U7EYA
4F	B24	G100X150-C	703.33	0.0	U7DYB	0.2 U7EYA
4F	B24	G100X150-C	752.82	0.0	U7DYB	0.2 U5DYB
4F	B24	G100X150-C	802.31	0.0	U7DYB	0.2 U5DYB
4F	B24	G100X150-C	851.79	0.0	U7DYB	0.2 U5DYB
4F	B24	G100X150-C	901.28	0.0	U7DYB	0.2 U5DYB
4F	B24	G100X150-C	950.77	0.0	U7DYB	0.2 U5DYB
4F	B24	G100X150-C	1000.26	0.0	U7DYB	0.2 U5DYB
4F	B24	G100X150-C	1049.74	0.0	U7DYB	0.2 U5DYB
4F	B24	G100X150-C	1099.23	0.0	U7DYB	0.2 U5DYB
4F	B24	G100X150-C	1148.72	0.0	U7DYB	0.2 U5DYB
4F	B24	G100X150-C	1198.21	0.0	U7DYB	0.2 U5DYB
4F	B24	G100X150-C	1247.69	0.0	U7DYB	0.2 U5DYB
4F	B24	G100X150-C	1297.18	0.0	U7DYB	0.2 U5DYB
4F	B24	G100X150-C	1346.67	0.0	U7DYB	0.2 U7EYA
4F	B24	G100X150-C	1396.15	0.0	U7DYB	0.3 U5EYA
4F	B24	G100X150-C	1445.64	0.0	U7DYB	0.3 U5EYA
4F	B24	G100X150-C	1495.13	0.0	U7DYB	0.3 U5EYA
4F	B24	G100X150-C	1544.62	0.0	U7DYB	0.4 U5EYA
4F	B24	G100X150-C	1594.10	0.0	U7DYB	0.4 U5EYA
4F	B24	G100X150-C	1643.59	0.0	U7DYB	0.4 U5EYA
4F	B24	G100X150-C	1693.08	0.0	U7DYB	0.4 U5EYA
4F	B24	G100X150-C	1742.56	0.0	U7DYB	0.4 U5EYA
4F	B24	G100X150-C	1792.05	0.0	U7DYB	0.5 U5EYA
4F	B24	G100X150-C	1841.54	0.0	U7DYB	0.5 U5EYA
4F	B24	G100X150-C	1891.03	0.0	U7DYB	0.5 U5EYA
4F	B24	G100X150-C	1940.51	0.0	U7DYB	0.5 U5EYA
4F	B24	G100X150-C	1990.00	0.0	U7DYB	0.5 U5EYA
4F	B55	G30X50	25.00	0.0	U7DYB	0.1 U5DXA
4F	B55	G30X50	73.82	0.0	U7DYB	0.1 U5DXA
4F	B55	G30X50	122.65	0.0	U7DYB	0.1 U5DXA
4F	B55	G30X50	171.47	0.0	U7DYB	9.097E-02 U5DXA
4F	B55	G30X50	220.29	0.0	U7DYB	7.613E-02 U5DXA
4F	B55	G30X50	269.12	0.0	U7DYB	4.359E-02 U5DYB
4F	B55	G30X50	317.94	0.0	U7DYB	4.201E-02 U5DYB
4F	B55	G30X50	366.76	0.0	U7DYB	4.043E-02 U5DYB
4F	B55	G30X50	415.59	0.0	U7DYB	3.886E-02 U5DYB
4F	B55	G30X50	464.41	0.0	U7DYB	3.873E-02 U5DYB
4F	B55	G30X50	513.24	0.0	U7DYB	4.031E-02 U5DYB
4F	B55	G30X50	562.06	0.0	U7DYB	4.188E-02 U5DYB
4F	B55	G30X50	610.88	0.0	U7DYB	4.346E-02 U5DYB
4F	B55	G30X50	659.71	0.0	U7DYB	7.406E-02 U5DXA
4F	B55	G30X50	708.53	0.0	U7DYB	8.889E-02 U5DXA
4F	B55	G30X50	757.35	0.0	U7DYB	0.1 U5DXA
4F	B55	G30X50	806.18	0.0	U7DYB	0.1 U5DXA
4F	B55	G30X50	855.00	0.0	U7DYB	0.1 U5DXA
4F	B56	G30X50	25.00	0.0	U7DYB	6.082E-02 U5DYA
4F	B56	G30X50	75.00	0.0	U7DYB	5.217E-02 U5DYA
4F	B56	G30X50	125.00	0.0	U7DYB	4.284E-02 U5DYB

4F	B56	G30X50	175.00	0.0	U7DYB	4.146E-02	U5DYB
4F	B56	G30X50	225.00	0.0	U7DYB	4.076E-02	U5DYB
4F	B56	G30X50	275.00	0.0	U7DYB	4.168E-02	U5DYB
4F	B56	G30X50	325.00	0.0	U7DYB	4.214E-02	U5DYB
4F	B58	G30X50	25.00	0.0	U7DYB	5.800E-02	U5DYA
4F	B58	G30X50	75.00	0.0	U7DYB	4.934E-02	U5DYA
4F	B58	G30X50	125.00	0.0	U7DYB	3.807E-02	U5DYA
4F	B58	G30X50	175.00	0.0	U7DYB	3.666E-02	U5DYB
4F	B58	G30X50	225.00	0.0	U7DYB	3.750E-02	U5DYB
4F	B58	G30X50	275.00	0.0	U7DYB	3.842E-02	U5DYB
4F	B58	G30X50	325.00	0.0	U7DYB	4.517E-02	U5DYA
4F	B60	G30X50	25.00	0.0	U7DYB	0.1	U5DXA
4F	B60	G30X50	73.82	0.0	U7DYB	0.1	U5DXA
4F	B60	G30X50	122.65	0.0	U7DYB	0.1	U5DXA
4F	B60	G30X50	171.47	0.0	U7DYB	8.927E-02	U5DXA
4F	B60	G30X50	220.29	0.0	U7DYB	7.443E-02	U5DXA
4F	B60	G30X50	269.12	0.0	U7DYB	4.263E-02	U5DYB
4F	B60	G30X50	317.94	0.0	U7DYB	4.106E-02	U5DYB
4F	B60	G30X50	366.76	0.0	U7DYB	3.948E-02	U5DYB
4F	B60	G30X50	415.59	0.0	U7DYB	3.790E-02	U5DYB
4F	B60	G30X50	464.41	0.0	U7DYB	3.829E-02	U5DYB
4F	B60	G30X50	513.24	0.0	U7DYB	3.987E-02	U5DYB
4F	B60	G30X50	562.06	0.0	U7DYB	4.145E-02	U5DYB
4F	B60	G30X50	610.88	0.0	U7DYB	4.302E-02	U5DYB
4F	B60	G30X50	659.71	0.0	U7DYB	7.453E-02	U5DXA
4F	B60	G30X50	708.53	0.0	U7DYB	8.937E-02	U5DXA
4F	B60	G30X50	757.35	0.0	U7DYB	0.1	U5DXA
4F	B60	G30X50	806.18	0.0	U7DYB	0.1	U5DXA
4F	B60	G30X50	855.00	0.0	U7DYB	0.1	U5DXA
4F	B61	G90X120	45.00	0.0	U7DYB	0.4	U5EYA
4F	B61	G90X120	93.42	0.0	U7DYB	0.4	U5EYA
4F	B61	G90X120	141.84	0.0	U7DYB	0.4	U5EYA
4F	B61	G90X120	190.26	0.0	U7DYB	0.4	U5EYA
4F	B61	G90X120	238.68	0.0	U7DYB	0.3	U5EYA
4F	B61	G90X120	287.11	0.0	U7DYB	0.3	U5EYA
4F	B61	G90X120	335.53	0.0	U7DYB	0.3	U5EYA
4F	B61	G90X120	383.95	0.0	U7DYB	0.3	U5EYA
4F	B61	G90X120	432.37	0.0	U7DYB	0.3	U5DYB
4F	B61	G90X120	480.79	0.0	U7DYB	0.3	U5DYB
4F	B61	G90X120	529.21	0.0	U7DYB	0.3	U5DYB
4F	B61	G90X120	577.63	0.0	U7DYB	0.3	U5EYA
4F	B61	G90X120	626.05	0.0	U7DYB	0.3	U5EYA
4F	B61	G90X120	674.47	0.0	U7DYB	0.3	U5EYA
4F	B61	G90X120	722.89	0.0	U7DYB	0.3	U5EYA
4F	B61	G90X120	771.32	0.0	U7DYB	0.4	U5EYA
4F	B61	G90X120	819.74	0.0	U7DYB	0.4	U5EYA
4F	B61	G90X120	868.16	0.0	U7DYB	0.4	U5EYA
4F	B61	G90X120	916.58	0.0	U7DYB	0.4	U5EYA
4F	B61	G90X120	965.00	0.0	U7DYB	0.5	U5EYA
4F	B85	G90X120	60.00	0.0	U7DYB	0.4	U5EYA
4F	B85	G90X120	109.74	0.0	U7DYB	0.4	U5EYA
4F	B85	G90X120	159.47	0.0	U7DYB	0.4	U5EYA
4F	B85	G90X120	209.21	0.0	U7DYB	0.4	U5EYA
4F	B85	G90X120	258.95	0.0	U7DYB	0.3	U5EYA
4F	B85	G90X120	308.68	0.0	U7DYB	0.3	U5EYA
4F	B85	G90X120	358.42	0.0	U7DYB	0.3	U5EYA
4F	B85	G90X120	408.16	0.0	U7DYB	0.3	U5EYA
4F	B85	G90X120	457.89	0.0	U7DYB	0.2	U5EYA
4F	B85	G90X120	507.63	0.0	U7DYB	0.2	U5DYB
4F	B85	G90X120	557.37	0.0	U7DYB	0.2	U5DYB
4F	B85	G90X120	607.11	0.0	U7DYB	0.2	U5EYA

4F	B85	G90X120	656.84	0.0	U7DYB	0.3 U5EYA
4F	B85	G90X120	706.58	0.0	U7DYB	0.3 U5EYA
4F	B85	G90X120	756.32	0.0	U7DYB	0.3 U5EYA
4F	B85	G90X120	806.05	0.0	U7DYB	0.3 U5EYA
4F	B85	G90X120	855.79	0.0	U7DYB	0.4 U5EYA
4F	B85	G90X120	905.53	0.0	U7DYB	0.4 U5EYA
4F	B85	G90X120	955.26	0.0	U7DYB	0.4 U5EYA
4F	B85	G90X120	1005.00	0.0	U7DYB	0.4 U5EYA
4F	B88G100X150-C		60.00	0.0	U7DYB	0.5 U5EYA
4F	B88G100X150-C		109.49	0.0	U7DYB	0.5 U5EYA
4F	B88G100X150-C		158.97	0.0	U7DYB	0.5 U5EYA
4F	B88G100X150-C		208.46	0.0	U7DYB	0.5 U5EYA
4F	B88G100X150-C		257.95	0.0	U7DYB	0.4 U5EYA
4F	B88G100X150-C		307.44	0.0	U7DYB	0.4 U5EYA
4F	B88G100X150-C		356.92	0.0	U7DYB	0.4 U5EYA
4F	B88G100X150-C		406.41	0.0	U7DYB	0.4 U5EYA
4F	B88G100X150-C		455.90	0.0	U7DYB	0.4 U5EYA
4F	B88G100X150-C		505.38	0.0	U7DYB	0.3 U5EYA
4F	B88G100X150-C		554.87	0.0	U7DYB	0.3 U5EYA
4F	B88G100X150-C		604.36	0.0	U7DYB	0.3 U5EYA
4F	B88G100X150-C		653.85	0.0	U7DYB	0.3 U5EYA
4F	B88G100X150-C		703.33	0.0	U7DYB	0.2 U7EYA
4F	B88G100X150-C		752.82	0.0	U7DYB	0.2 U5DYB
4F	B88G100X150-C		802.31	0.0	U7DYB	0.2 U5DYB
4F	B88G100X150-C		851.79	0.0	U7DYB	0.2 U5DYB
4F	B88G100X150-C		901.28	0.0	U7DYB	0.2 U5DYB
4F	B88G100X150-C		950.77	0.0	U7DYB	0.2 U5DYB
4F	B88G100X150-C		1000.26	0.0	U7DYB	0.2 U5DYB
4F	B88G100X150-C		1049.74	0.0	U7DYB	0.2 U5DYB
4F	B88G100X150-C		1099.23	0.0	U7DYB	0.2 U5DYB
4F	B88G100X150-C		1148.72	0.0	U7DYB	0.2 U5DYB
4F	B88G100X150-C		1198.21	0.0	U7DYB	0.2 U5DYB
4F	B88G100X150-C		1247.69	0.0	U7DYB	0.2 U5DYB
4F	B88G100X150-C		1297.18	0.0	U7DYB	0.2 U5DYB
4F	B88G100X150-C		1346.67	0.0	U7DYB	0.2 U7EYA
4F	B88G100X150-C		1396.15	0.0	U7DYB	0.3 U5EYA
4F	B88G100X150-C		1445.64	0.0	U7DYB	0.3 U5EYA
4F	B88G100X150-C		1495.13	0.0	U7DYB	0.3 U5EYA
4F	B88G100X150-C		1544.62	0.0	U7DYB	0.3 U5EYA
4F	B88G100X150-C		1594.10	0.0	U7DYB	0.4 U5EYA
4F	B88G100X150-C		1643.59	0.0	U7DYB	0.4 U5EYA
4F	B88G100X150-C		1693.08	0.0	U7DYB	0.4 U5EYA
4F	B88G100X150-C		1742.56	0.0	U7DYB	0.4 U5EYA
4F	B88G100X150-C		1792.05	0.0	U7DYB	0.5 U5EYA
4F	B88G100X150-C		1841.54	0.0	U7DYB	0.5 U5EYA
4F	B88G100X150-C		1891.03	0.0	U7DYB	0.5 U5EYA
4F	B88G100X150-C		1940.51	0.0	U7DYB	0.5 U5EYA
4F	B88G100X150-C		1990.00	0.0	U7DYB	0.5 U5EYA
4F	B121	G90X120	45.00	0.0	U7DYB	0.4 U5EYA
4F	B121	G90X120	94.72	0.0	U7DYB	0.4 U5EYA
4F	B121	G90X120	144.44	0.0	U7DYB	0.4 U5EYA
4F	B121	G90X120	194.17	0.0	U7DYB	0.3 U5EYA
4F	B121	G90X120	243.89	0.0	U7DYB	0.3 U5EYA
4F	B121	G90X120	293.61	0.0	U7DYB	0.3 U5EYA
4F	B121	G90X120	343.33	0.0	U7DYB	0.3 U5DYB
4F	B121	G90X120	393.06	0.0	U7DYB	0.3 U5DYB
4F	B121	G90X120	442.78	0.0	U7DYB	0.3 U5DYB
4F	B121	G90X120	492.50	0.0	U7DYB	0.3 U5DYB
4F	B121	G90X120	542.22	0.0	U7DYB	0.3 U5DYB
4F	B121	G90X120	591.94	0.0	U7DYB	0.3 U5EYA
4F	B121	G90X120	641.67	0.0	U7DYB	0.3 U5EYA
4F	B121	G90X120	691.39	0.0	U7DYB	0.3 U5EYA
4F	B121	G90X120	741.11	0.0	U7DYB	0.4 U5EYA

4F	B121	G90X120	790.83	0.0	U7DYB	0.4	U5EYA
4F	B121	G90X120	840.56	0.0	U7DYB	0.4	U5EYA
4F	B121	G90X120	890.28	0.0	U7DYB	0.4	U5EYA
4F	B121	G90X120	940.00	0.0	U7DYB	0.5	U5EYA
4F	B126	G90X120	60.00	3.571E-02	U5EYA	0.2	U5EXA
4F	B126	G90X120	108.50	3.571E-02	U5EYA	0.2	U5DYB
4F	B126	G90X120	157.00	3.571E-02	U5EYA	0.2	U5DYB
4F	B126	G90X120	205.50	3.571E-02	U5EYA	0.2	U5DYB
4F	B126	G90X120	254.00	3.571E-02	U5EYA	0.2	U5DYB
4F	B126	G90X120	302.50	3.571E-02	U5EYA	0.2	U5DYB
4F	B126	G90X120	351.00	3.571E-02	U5EYA	0.2	U5DYB
4F	B126	G90X120	399.50	3.571E-02	U5EYA	0.2	U5EXA
4F	B126	G90X120	448.00	3.571E-02	U5EYA	0.3	U5EXA
4F	B126	G90X120	496.50	3.571E-02	U5EYA	0.3	U5EXA
4F	B126	G90X120	545.00	3.571E-02	U5EYA	0.3	U5EXA
4F	B127	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B127	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
4F	B127	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B127	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
4F	B127	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B127	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B127	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B127	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
4F	B127	G90X120	447.00	0.0	U7DYB	0.2	U5DYB
4F	B127	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
4F	B127	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B128	G90X120	55.00	0.0	U7DYB	0.3	U5DYB
4F	B128	G90X120	99.33	0.0	U7DYB	0.3	U5DYB
4F	B128	G90X120	143.67	0.0	U7DYB	0.3	U5DYB
4F	B128	G90X120	188.00	0.0	U7DYB	0.3	U5DYB
4F	B128	G90X120	232.33	0.0	U7DYB	0.3	U5DYB
4F	B128	G90X120	276.67	0.0	U7DYB	0.3	U5DYB
4F	B128	G90X120	321.00	0.0	U7DYB	0.3	U5DYB
4F	B128	G90X120	321.00	0.0	U7DYB	0.3	U5DYB
4F	B128	G90X120	365.80	0.0	U7DYB	0.3	U5DYB
4F	B128	G90X120	410.60	0.0	U7DYB	0.3	U5DYB
4F	B128	G90X120	455.40	0.0	U7DYB	0.3	U5EXA
4F	B128	G90X120	500.20	0.0	U7DYB	0.3	U5EXA
4F	B128	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B129	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B129	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
4F	B129	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B129	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
4F	B129	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B129	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B129	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B129	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
4F	B129	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B129	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
4F	B129	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B130	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B130	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
4F	B130	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B130	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
4F	B130	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B130	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B130	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B130	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
4F	B130	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B130	G90X120	496.00	0.0	U7DYB	0.3	U5EXA

4F	B130	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B131	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B131	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
4F	B131	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B131	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
4F	B131	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B131	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B131	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B131	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
4F	B131	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B131	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
4F	B131	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B132	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B132	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
4F	B132	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B132	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
4F	B132	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B132	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B132	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B132	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
4F	B132	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B132	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
4F	B132	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B133	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B133	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
4F	B133	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B133	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
4F	B133	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B133	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B133	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B133	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
4F	B133	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B133	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
4F	B133	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B134	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B134	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
4F	B134	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B134	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
4F	B134	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B134	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B134	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B134	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
4F	B134	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B134	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
4F	B134	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B135	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B135	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
4F	B135	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
4F	B135	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
4F	B135	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B135	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B135	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B135	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
4F	B135	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B135	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
4F	B135	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B136	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B136	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
4F	B136	G90X120	153.00	0.0	U7DYB	0.2	U5EXA

4F	B136	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
4F	B136	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
4F	B136	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
4F	B136	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
4F	B136	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
4F	B136	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
4F	B136	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
4F	B136	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
4F	B137	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B137	G90X120	105.00	0.0	U7DYB	0.2	U5DYB
4F	B137	G90X120	155.00	0.0	U7DYB	0.2	U5DYB
4F	B137	G90X120	205.00	0.0	U7DYB	0.2	U5DYB
4F	B137	G90X120	255.00	0.0	U7DYB	0.2	U5DYB
4F	B137	G90X120	305.00	0.0	U7DYB	0.2	U5DYB
4F	B137	G90X120	355.00	0.0	U7DYB	0.2	U5DYB
4F	B137	G90X120	405.00	0.0	U7DYB	0.2	U5EXA
4F	B137	G90X120	455.00	0.0	U7DYB	0.3	U5EXA
4F	B138	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B138	G90X120	103.33	0.0	U7DYB	0.3	U5EXA
4F	B138	G90X120	151.67	0.0	U7DYB	0.2	U5EXA
4F	B138	G90X120	200.00	0.0	U7DYB	0.2	U5EXA
4F	B138	G90X120	248.33	0.0	U7DYB	0.2	U5EXA
4F	B138	G90X120	296.67	0.0	U7DYB	0.2	U5DYB
4F	B138	G90X120	345.00	0.0	U7DYB	0.2	U5DYB
4F	B138	G90X120	393.33	0.0	U7DYB	0.2	U5DYB
4F	B138	G90X120	441.67	0.0	U7DYB	0.2	U5DYB
4F	B138	G90X120	490.00	0.0	U7DYB	0.2	U5DYB
4F	B138	G90X120	538.33	0.0	U7DYB	0.2	U5EXA
4F	B138	G90X120	586.67	0.0	U7DYB	0.2	U5EXA
4F	B138	G90X120	635.00	0.0	U7DYB	0.2	U5EXA
4F	B139	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
4F	B139	G90X120	104.38	0.0	U7DYB	0.2	U5EXA
4F	B139	G90X120	153.75	0.0	U7DYB	0.2	U5EXA
4F	B139	G90X120	203.13	0.0	U7DYB	0.2	U5EXA
4F	B139	G90X120	252.50	0.0	U7DYB	0.2	U5EXA
4F	B139	G90X120	301.88	0.0	U7DYB	0.1	U5EXA
4F	B139	G90X120	351.25	0.0	U7DYB	0.1	U5DYB
4F	B139	G90X120	400.63	0.0	U7DYB	0.1	U5DYB
4F	B139	G90X120	450.00	0.0	U7DYB	0.1	U5DYB
4F	B139	G90X120	499.38	0.0	U7DYB	0.1	U5DYB
4F	B139	G90X120	548.75	0.0	U7DYB	0.1	U5DYB
4F	B139	G90X120	598.13	0.0	U7DYB	0.2	U5EXA
4F	B139	G90X120	647.50	0.0	U7DYB	0.2	U5EXA
4F	B139	G90X120	696.88	0.0	U7DYB	0.2	U5EXA
4F	B139	G90X120	746.25	0.0	U7DYB	0.2	U5EXA
4F	B139	G90X120	795.63	0.0	U7DYB	0.3	U5EXA
4F	B139	G90X120	845.00	0.0	U7DYB	0.3	U5EXA
3F	B1	G90X120	60.00	5.112E-02	U5EYA	0.3	U5EXA
3F	B1	G90X120	108.50	5.112E-02	U5EYA	0.2	U5EXA
3F	B1	G90X120	157.00	5.112E-02	U5EYA	0.2	U5DYB
3F	B1	G90X120	205.50	5.112E-02	U5EYA	0.2	U5DYB
3F	B1	G90X120	254.00	5.112E-02	U5EYA	0.2	U5DYB
3F	B1	G90X120	302.50	5.112E-02	U5EYA	0.2	U5DYB
3F	B1	G90X120	351.00	5.112E-02	U5EYA	0.2	U5DYB
3F	B1	G90X120	399.50	5.112E-02	U5EYA	0.2	U5DYB
3F	B1	G90X120	448.00	5.112E-02	U5EYA	0.3	U5EXA
3F	B1	G90X120	496.50	5.112E-02	U5EYA	0.3	U5EXA
3F	B1	G90X120	545.00	5.112E-02	U5EYA	0.3	U5EXA
3F	B2	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B2	G90X120	104.00	0.0	U7DYB	0.3	U5EXA

3F	B2	G90X120	153.00	0.0	U7DYB	0.3	U5EXA
3F	B2	G90X120	202.00	0.0	U7DYB	0.3	U5DYB
3F	B2	G90X120	251.00	0.0	U7DYB	0.3	U5DYB
3F	B2	G90X120	300.00	0.0	U7DYB	0.3	U5DYB
3F	B2	G90X120	349.00	0.0	U7DYB	0.3	U5DYB
3F	B2	G90X120	398.00	0.0	U7DYB	0.3	U5DYB
3F	B2	G90X120	447.00	0.0	U7DYB	0.3	U5DYB
3F	B2	G90X120	496.00	0.0	U7DYB	0.3	U5DYB
3F	B2	G90X120	545.00	0.0	U7DYB	0.3	U5DYB
3F	B3	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B3	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
3F	B3	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B3	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
3F	B3	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B3	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B3	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B3	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
3F	B3	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
3F	B3	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
3F	B3	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
3F	B4	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B4	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
3F	B4	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B4	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
3F	B4	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B4	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B4	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B4	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
3F	B4	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
3F	B4	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
3F	B4	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
3F	B5	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B5	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
3F	B5	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B5	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
3F	B5	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B5	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B5	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B5	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
3F	B5	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
3F	B5	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
3F	B5	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
3F	B6	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B6	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
3F	B6	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B6	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
3F	B6	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B6	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B6	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B6	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
3F	B6	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
3F	B6	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
3F	B6	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
3F	B7	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B7	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
3F	B7	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B7	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
3F	B7	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B7	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B7	G90X120	349.00	0.0	U7DYB	0.2	U5DYB

3F	B7	G90X120	398.00	0.0	U7DYB	0.2 U5DYB
3F	B7	G90X120	447.00	0.0	U7DYB	0.2 U5EXA
3F	B7	G90X120	496.00	0.0	U7DYB	0.2 U5EXA
3F	B7	G90X120	545.00	0.0	U7DYB	0.3 U5EXA
3F	B8	G90X120	55.00	0.0	U7DYB	0.3 U5EXA
3F	B8	G90X120	104.00	0.0	U7DYB	0.3 U5EXA
3F	B8	G90X120	153.00	0.0	U7DYB	0.2 U5EXA
3F	B8	G90X120	202.00	0.0	U7DYB	0.2 U5EXA
3F	B8	G90X120	251.00	0.0	U7DYB	0.2 U5DYB
3F	B8	G90X120	300.00	0.0	U7DYB	0.2 U5DYB
3F	B8	G90X120	349.00	0.0	U7DYB	0.2 U5DYB
3F	B8	G90X120	398.00	0.0	U7DYB	0.2 U5DYB
3F	B8	G90X120	447.00	0.0	U7DYB	0.2 U5EXA
3F	B8	G90X120	496.00	0.0	U7DYB	0.2 U5EXA
3F	B8	G90X120	545.00	0.0	U7DYB	0.3 U5EXA
3F	B9	G90X120	55.00	0.0	U7DYB	0.3 U5EXA
3F	B9	G90X120	104.00	0.0	U7DYB	0.3 U5EXA
3F	B9	G90X120	153.00	0.0	U7DYB	0.2 U5EXA
3F	B9	G90X120	202.00	0.0	U7DYB	0.2 U5EXA
3F	B9	G90X120	251.00	0.0	U7DYB	0.2 U5DYB
3F	B9	G90X120	300.00	0.0	U7DYB	0.2 U5DYB
3F	B9	G90X120	349.00	0.0	U7DYB	0.2 U5DYB
3F	B9	G90X120	398.00	0.0	U7DYB	0.2 U5DYB
3F	B9	G90X120	447.00	0.0	U7DYB	0.2 U5EXA
3F	B9	G90X120	496.00	0.0	U7DYB	0.2 U5EXA
3F	B9	G90X120	545.00	0.0	U7DYB	0.3 U5EXA
3F	B10	G90X120	55.00	0.0	U7DYB	0.3 U5EXA
3F	B10	G90X120	104.00	0.0	U7DYB	0.3 U5EXA
3F	B10	G90X120	153.00	0.0	U7DYB	0.2 U5EXA
3F	B10	G90X120	202.00	0.0	U7DYB	0.2 U5EXA
3F	B10	G90X120	251.00	0.0	U7DYB	0.2 U5DYB
3F	B10	G90X120	300.00	0.0	U7DYB	0.2 U5DYB
3F	B10	G90X120	349.00	0.0	U7DYB	0.2 U5DYB
3F	B10	G90X120	398.00	0.0	U7DYB	0.2 U5DYB
3F	B10	G90X120	447.00	0.0	U7DYB	0.2 U5EXA
3F	B10	G90X120	496.00	0.0	U7DYB	0.2 U5EXA
3F	B10	G90X120	545.00	0.0	U7DYB	0.3 U5EXA
3F	B11	G90X120	55.00	0.0	U7DYB	0.3 U5EXA
3F	B11	G90X120	104.00	0.0	U7DYB	0.3 U5EXA
3F	B11	G90X120	153.00	0.0	U7DYB	0.2 U5EXA
3F	B11	G90X120	202.00	0.0	U7DYB	0.2 U5EXA
3F	B11	G90X120	251.00	0.0	U7DYB	0.2 U5DYB
3F	B11	G90X120	300.00	0.0	U7DYB	0.2 U5DYB
3F	B11	G90X120	349.00	0.0	U7DYB	0.2 U5DYB
3F	B11	G90X120	398.00	0.0	U7DYB	0.2 U5DYB
3F	B11	G90X120	447.00	0.0	U7DYB	0.2 U5EXA
3F	B11	G90X120	496.00	0.0	U7DYB	0.2 U5EXA
3F	B11	G90X120	545.00	0.0	U7DYB	0.3 U5EXA
3F	B12	G90X120	55.00	0.0	U7DYB	0.3 U5EXA
3F	B12	G90X120	105.00	0.0	U7DYB	0.3 U5EXA
3F	B12	G90X120	155.00	0.0	U7DYB	0.3 U5DYB
3F	B12	G90X120	205.00	0.0	U7DYB	0.3 U5DYB
3F	B12	G90X120	255.00	0.0	U7DYB	0.3 U5DYB
3F	B12	G90X120	305.00	0.0	U7DYB	0.3 U5DYB
3F	B12	G90X120	355.00	0.0	U7DYB	0.3 U5DYB
3F	B12	G90X120	405.00	0.0	U7DYB	0.3 U5DYB
3F	B12	G90X120	455.00	0.0	U7DYB	0.3 U5EXA
3F	B13	G90X120	55.00	0.0	U7DYB	0.3 U5EXA
3F	B13	G90X120	103.33	0.0	U7DYB	0.3 U5EXA

3F	B13	G90X120	151.67	0.0	U7DYB	0.2	U5EXA
3F	B13	G90X120	200.00	0.0	U7DYB	0.2	U5EXA
3F	B13	G90X120	248.33	0.0	U7DYB	0.2	U5EXA
3F	B13	G90X120	296.67	0.0	U7DYB	0.2	U5DYB
3F	B13	G90X120	345.00	0.0	U7DYB	0.2	U5DYB
3F	B13	G90X120	393.33	0.0	U7DYB	0.2	U5DYB
3F	B13	G90X120	441.67	0.0	U7DYB	0.2	U5DYB
3F	B13	G90X120	490.00	0.0	U7DYB	0.2	U5DYB
3F	B13	G90X120	538.33	0.0	U7DYB	0.2	U5DYB
3F	B13	G90X120	586.67	0.0	U7DYB	0.2	U5EXA
3F	B13	G90X120	635.00	0.0	U7DYB	0.2	U5EXA
3F	B14	G90X120	55.00	3.518E-02	U5EYA	0.3	U5EXA
3F	B14	G90X120	104.38	3.518E-02	U5EYA	0.3	U5EXA
3F	B14	G90X120	153.75	3.518E-02	U5EYA	0.2	U5EXA
3F	B14	G90X120	203.13	3.518E-02	U5EYA	0.2	U5EXA
3F	B14	G90X120	252.50	3.518E-02	U5EYA	0.2	U5EXA
3F	B14	G90X120	301.88	3.518E-02	U5EYA	0.2	U5EXA
3F	B14	G90X120	351.25	3.518E-02	U5EYA	0.1	U5DYB
3F	B14	G90X120	400.63	3.518E-02	U5EYA	0.1	U5DYB
3F	B14	G90X120	450.00	3.518E-02	U5EYA	0.1	U5DYB
3F	B14	G90X120	499.38	3.518E-02	U5EYA	0.1	U5DYB
3F	B14	G90X120	548.75	3.518E-02	U5EYA	0.1	U5DYB
3F	B14	G90X120	598.13	3.518E-02	U5EYA	0.1	U5EXA
3F	B14	G90X120	647.50	3.518E-02	U5EYA	0.2	U5EXA
3F	B14	G90X120	696.88	3.518E-02	U5EYA	0.2	U5EXA
3F	B14	G90X120	746.25	3.518E-02	U5EYA	0.2	U5EXA
3F	B14	G90X120	795.63	3.518E-02	U5EYA	0.2	U5EXA
3F	B14	G90X120	845.00	3.518E-02	U5EYA	0.3	U5EXA
3F	B15	G60X80	55.00	0.0	U7DYB	0.1	U5EXA
3F	B15	G60X80	102.50	0.0	U7DYB	0.1	U5EXA
3F	B15	G60X80	150.00	0.0	U7DYB	8.826E-02	U5DYB
3F	B15	G60X80	197.50	0.0	U7DYB	8.736E-02	U5DYB
3F	B15	G60X80	245.00	0.0	U7DYB	8.622E-02	U5DYB
3F	B15	G60X80	292.50	0.0	U7DYB	8.488E-02	U5DYB
3F	B15	G60X80	340.00	0.0	U7DYB	8.353E-02	U5DYB
3F	B15	G60X80	387.50	0.0	U7DYB	8.418E-02	U5EXA
3F	B15	G60X80	435.00	0.0	U7DYB	0.1	U5EXA
3F	B15	G60X80	482.50	0.0	U7DYB	0.1	U5EXA
3F	B15	G60X80	530.00	0.0	U7DYB	0.1	U5EXA
3F	B15	G60X80	577.50	0.0	U7DYB	0.2	U5EXA
3F	B15	G60X80	625.00	0.0	U7DYB	0.2	U5EXA
3F	B16	G60X80	45.00	0.0	U7DYB	0.2	U5EXA
3F	B16	G60X80	94.38	0.0	U7DYB	0.1	U5EXA
3F	B16	G60X80	143.75	0.0	U7DYB	0.1	U5EXA
3F	B16	G60X80	193.13	0.0	U7DYB	0.1	U5EXA
3F	B16	G60X80	242.50	0.0	U7DYB	0.1	U5EXA
3F	B16	G60X80	291.88	0.0	U7DYB	6.448E-02	U5DYB
3F	B16	G60X80	341.25	0.0	U7DYB	6.307E-02	U5DYB
3F	B16	G60X80	390.63	0.0	U7DYB	6.167E-02	U5DYB
3F	B16	G60X80	440.00	0.0	U7DYB	6.122E-02	U5DYB
3F	B16	G60X80	489.38	0.0	U7DYB	6.263E-02	U5DYB
3F	B16	G60X80	538.75	0.0	U7DYB	6.403E-02	U5DYB
3F	B16	G60X80	588.13	0.0	U7DYB	6.544E-02	U5DYB
3F	B16	G60X80	637.50	0.0	U7DYB	9.090E-02	U5EXA
3F	B16	G60X80	686.88	0.0	U7DYB	0.1	U5EXA
3F	B16	G60X80	736.25	0.0	U7DYB	0.1	U5EXA
3F	B16	G60X80	785.63	0.0	U7DYB	0.1	U5EXA
3F	B16	G60X80	835.00	0.0	U7DYB	0.2	U5EXA
3F	B17	G90X120	60.00	0.0	U7DYB	0.5	U5EYA
3F	B17	G90X120	106.38	0.0	U7DYB	0.4	U5EYA
3F	B17	G90X120	152.75	0.0	U7DYB	0.4	U5EYA

3F	B17	G90X120	199.13	0.0	U7DYB	0.4	U5EYA
3F	B17	G90X120	245.50	0.0	U7DYB	0.4	U5EYA
3F	B17	G90X120	291.88	0.0	U7DYB	0.3	U5EYA
3F	B17	G90X120	338.25	0.0	U7DYB	0.3	U5EYA
3F	B17	G90X120	384.63	0.0	U7DYB	0.3	U5EYA
3F	B17	G90X120	431.00	0.0	U7DYB	0.2	U5EYA
3F	B17	G90X120	477.38	0.0	U7DYB	0.2	U5DYB
3F	B17	G90X120	523.75	0.0	U7DYB	0.2	U5DYB
3F	B17	G90X120	523.75	0.0	U7DYB	0.2	U5DYB
3F	B17	G90X120	569.38	0.0	U7DYB	0.2	U5DYB
3F	B17	G90X120	615.00	0.0	U7DYB	0.2	U5EYA
3F	B17	G90X120	660.63	0.0	U7DYB	0.3	U5EYA
3F	B17	G90X120	706.25	0.0	U7DYB	0.3	U5EYA
3F	B17	G90X120	751.88	0.0	U7DYB	0.3	U5EYA
3F	B17	G90X120	797.50	0.0	U7DYB	0.3	U5EYA
3F	B17	G90X120	843.13	0.0	U7DYB	0.4	U5EYA
3F	B17	G90X120	888.75	0.0	U7DYB	0.4	U5EYA
3F	B17	G90X120	934.38	0.0	U7DYB	0.4	U5EYA
3F	B17	G90X120	980.00	0.0	U7DYB	0.4	U5EYA
3F	B18	G70X90	45.00	2.504E-02	U5EXA	0.3	U5EYA
3F	B18	G70X90	92.88	2.504E-02	U5EXA	0.3	U5EYA
3F	B18	G70X90	140.75	2.504E-02	U5EXA	0.3	U5EYA
3F	B18	G70X90	188.63	2.504E-02	U5EXA	0.3	U5EYA
3F	B18	G70X90	236.50	2.504E-02	U5EXA	0.2	U5EYA
3F	B18	G70X90	284.38	2.504E-02	U5EXA	0.2	U5EYA
3F	B18	G70X90	332.25	2.504E-02	U5EXA	0.2	U5EYA
3F	B18	G70X90	380.13	2.504E-02	U5EXA	0.2	U5EYA
3F	B18	G70X90	428.00	2.504E-02	U5EXA	0.2	U5DYB
3F	B18	G70X90	475.88	2.504E-02	U5EXA	0.2	U5DYB
3F	B18	G70X90	523.75	2.504E-02	U5EXA	0.2	U5EYA
3F	B18	G70X90	523.75	2.782E-02	U5EXA	0.2	U5EYA
3F	B18	G70X90	569.38	2.782E-02	U5EXA	0.2	U5EYA
3F	B18	G70X90	615.00	2.782E-02	U5EXA	0.2	U5EYA
3F	B18	G70X90	660.63	2.782E-02	U5EXA	0.2	U5EYA
3F	B18	G70X90	706.25	2.782E-02	U5EXA	0.3	U5EYA
3F	B18	G70X90	751.88	2.782E-02	U5EXA	0.3	U5EYA
3F	B18	G70X90	797.50	2.782E-02	U5EXA	0.3	U5EYA
3F	B18	G70X90	843.13	2.782E-02	U5EXA	0.3	U5EYA
3F	B18	G70X90	888.75	2.782E-02	U5EXA	0.3	U5EYA
3F	B18	G70X90	934.38	2.782E-02	U5EXA	0.3	U5EYA
3F	B18	G70X90	980.00	2.782E-02	U5EXA	0.3	U5EYA
3F	B19	G70X90	45.00	4.653E-02	U5EXA	0.3	U5EYA
3F	B19	G70X90	92.88	4.653E-02	U5EXA	0.2	U5EYA
3F	B19	G70X90	140.75	4.653E-02	U5EXA	0.2	U5EYA
3F	B19	G70X90	188.63	4.653E-02	U5EXA	0.2	U5EYA
3F	B19	G70X90	236.50	4.653E-02	U5EXA	0.2	U5EYA
3F	B19	G70X90	284.38	4.653E-02	U5EXA	0.2	U5EYA
3F	B19	G70X90	332.25	4.653E-02	U5EXA	0.2	U5EYA
3F	B19	G70X90	380.13	4.653E-02	U5EXA	0.1	U5DYB
3F	B19	G70X90	428.00	4.653E-02	U5EXA	0.1	U5DYB
3F	B19	G70X90	475.88	4.653E-02	U5EXA	0.1	U5DYB
3F	B19	G70X90	523.75	4.653E-02	U5EXA	0.1	U5DYB
3F	B19	G70X90	523.75	4.993E-02	U5EXA	0.1	U5DYB
3F	B19	G70X90	569.38	4.993E-02	U5EXA	0.1	U5DYB
3F	B19	G70X90	615.00	4.993E-02	U5EXA	0.2	U5EYA
3F	B19	G70X90	660.63	4.993E-02	U5EXA	0.2	U5EYA
3F	B19	G70X90	706.25	4.993E-02	U5EXA	0.2	U5EYA
3F	B19	G70X90	751.88	4.993E-02	U5EXA	0.2	U5EYA
3F	B19	G70X90	797.50	4.993E-02	U5EXA	0.2	U5EYA
3F	B19	G70X90	843.13	4.993E-02	U5EXA	0.2	U5EYA
3F	B19	G70X90	888.75	4.993E-02	U5EXA	0.3	U5EYA
3F	B19	G70X90	934.38	4.993E-02	U5EXA	0.3	U5EYA
3F	B19	G70X90	980.00	4.993E-02	U5EXA	0.3	U5EYA

3F	B20	B60X80	0.00	0.0	U7DYB	8.017E-02	U5EXA
3F	B20	B60X80	47.86	0.0	U7DYB	7.512E-02	U5EXA
3F	B20	B60X80	95.71	0.0	U7DYB	5.909E-02	U5DYB
3F	B20	B60X80	143.57	0.0	U7DYB	5.785E-02	U5DYB
3F	B20	B60X80	191.43	0.0	U7DYB	5.611E-02	U5DYB
3F	B20	B60X80	239.29	0.0	U7DYB	5.386E-02	U5DYB
3F	B20	B60X80	287.14	0.0	U7DYB	5.123E-02	U5DYB
3F	B20	B60X80	335.00	0.0	U7DYB	4.980E-02	U5DYB
3F	B20	B60X80	382.86	0.0	U7DYB	5.247E-02	U5DYB
3F	B20	B60X80	430.71	0.0	U7DYB	5.510E-02	U5DYB
3F	B20	B60X80	478.57	0.0	U7DYB	8.216E-02	U5EXA
3F	B20	B60X80	526.43	0.0	U7DYB	9.568E-02	U5EXA
3F	B20	B60X80	574.29	0.0	U7DYB	0.1	U5EXA
3F	B20	B60X80	622.14	0.0	U7DYB	0.1	U5EXA
3F	B20	B60X80	670.00	0.0	U7DYB	0.1	U5EXA
3F	B21	B60X80	0.00	0.0	U7DYB	0.2	U5EXB
3F	B21	B60X80	49.58	0.0	U7DYB	0.2	U5EXB
3F	B21	B60X80	99.17	0.0	U7DYB	0.2	U5EXB
3F	B21	B60X80	148.75	0.0	U7DYB	0.1	U5EXB
3F	B21	B60X80	198.33	0.0	U7DYB	0.1	U5EXB
3F	B21	B60X80	247.92	0.0	U7DYB	0.1	U5EXA
3F	B21	B60X80	297.50	0.0	U7DYB	6.119E-02	U7EXA
3F	B21	B60X80	297.50	0.0	U7DYB	4.786E-02	U5DYB
3F	B21	B60X80	346.04	0.0	U7DYB	4.635E-02	U5DYB
3F	B21	B60X80	394.58	0.0	U7DYB	4.458E-02	U5DYB
3F	B21	B60X80	443.12	0.0	U7DYB	4.628E-02	U5DYB
3F	B21	B60X80	491.67	0.0	U7DYB	4.856E-02	U5DYB
3F	B21	B60X80	540.21	0.0	U7DYB	5.109E-02	U5DYB
3F	B21	B60X80	588.75	0.0	U7DYB	5.379E-02	U5DYB
3F	B21	B60X80	637.29	0.0	U7DYB	5.647E-02	U5DYB
3F	B21	B60X80	685.83	0.0	U7DYB	5.878E-02	U5DYB
3F	B21	B60X80	734.38	0.0	U7DYB	0.1	U5EXA
3F	B21	B60X80	782.92	0.0	U7DYB	0.1	U5EXA
3F	B21	B60X80	831.46	0.0	U7DYB	0.1	U5EXA
3F	B21	B60X80	880.00	0.0	U7DYB	0.1	U5EXB
3F	B24G100X150-C		60.00	0.0	U7DYB	0.5	U5EYA
3F	B24G100X150-C		109.49	0.0	U7DYB	0.5	U5EYA
3F	B24G100X150-C		158.97	0.0	U7DYB	0.4	U5EYA
3F	B24G100X150-C		208.46	0.0	U7DYB	0.4	U5EYA
3F	B24G100X150-C		257.95	0.0	U7DYB	0.4	U5EYA
3F	B24G100X150-C		307.44	0.0	U7DYB	0.4	U5EYA
3F	B24G100X150-C		356.92	0.0	U7DYB	0.4	U5EYA
3F	B24G100X150-C		406.41	0.0	U7DYB	0.3	U5EYA
3F	B24G100X150-C		455.90	0.0	U7DYB	0.3	U5EYA
3F	B24G100X150-C		505.38	0.0	U7DYB	0.3	U5EYA
3F	B24G100X150-C		554.87	0.0	U7DYB	0.3	U5EYA
3F	B24G100X150-C		604.36	0.0	U7DYB	0.3	U5EYA
3F	B24G100X150-C		653.85	0.0	U7DYB	0.3	U5EYA
3F	B24G100X150-C		703.33	0.0	U7DYB	0.2	U7EYA
3F	B24G100X150-C		752.82	0.0	U7DYB	0.2	U5DYB
3F	B24G100X150-C		802.31	0.0	U7DYB	0.2	U5DYB
3F	B24G100X150-C		851.79	0.0	U7DYB	0.2	U5DYB
3F	B24G100X150-C		901.28	0.0	U7DYB	0.2	U5DYB
3F	B24G100X150-C		950.77	0.0	U7DYB	0.2	U5DYB
3F	B24G100X150-C		1000.26	0.0	U7DYB	0.2	U5DYB
3F	B24G100X150-C		1049.74	0.0	U7DYB	0.2	U5DYB
3F	B24G100X150-C		1099.23	0.0	U7DYB	0.2	U5DYB
3F	B24G100X150-C		1148.72	0.0	U7DYB	0.2	U5DYB
3F	B24G100X150-C		1198.21	0.0	U7DYB	0.2	U5DYB
3F	B24G100X150-C		1247.69	0.0	U7DYB	0.2	U5DYB
3F	B24G100X150-C		1297.18	0.0	U7DYB	0.2	U7EYA
3F	B24G100X150-C		1346.67	0.0	U7DYB	0.2	U7EYA

3F	B24G100X150-C	1396.15	0.0	U7DYB	0.3	U5EYA
3F	B24G100X150-C	1445.64	0.0	U7DYB	0.3	U5EYA
3F	B24G100X150-C	1495.13	0.0	U7DYB	0.3	U5EYA
3F	B24G100X150-C	1544.62	0.0	U7DYB	0.3	U5EYA
3F	B24G100X150-C	1594.10	0.0	U7DYB	0.4	U5EYA
3F	B24G100X150-C	1643.59	0.0	U7DYB	0.4	U5EYA
3F	B24G100X150-C	1693.08	0.0	U7DYB	0.4	U5EYA
3F	B24G100X150-C	1742.56	0.0	U7DYB	0.4	U5EYA
3F	B24G100X150-C	1792.05	0.0	U7DYB	0.4	U5EYA
3F	B24G100X150-C	1841.54	0.0	U7DYB	0.5	U5EYA
3F	B24G100X150-C	1891.03	0.0	U7DYB	0.5	U5EYA
3F	B24G100X150-C	1940.51	0.0	U7DYB	0.5	U5EYA
3F	B24G100X150-C	1990.00	0.0	U7DYB	0.5	U5EYA
3F	B53 G60X80	45.00	0.0	U7DYB	0.1	U5DYB
3F	B53 G60X80	93.33	0.0	U7DYB	0.1	U5DYB
3F	B53 G60X80	141.67	0.0	U7DYB	0.1	U5DYB
3F	B53 G60X80	190.00	0.0	U7DYB	0.1	U5DYB
3F	B53 G60X80	238.33	0.0	U7DYB	0.1	U5DYB
3F	B53 G60X80	286.67	0.0	U7DYB	9.807E-02	U5DYB
3F	B53 G60X80	335.00	0.0	U7DYB	9.537E-02	U5DYB
3F	B53 G60X80	383.33	0.0	U7DYB	9.486E-02	U5DYB
3F	B53 G60X80	431.67	0.0	U7DYB	0.1	U5EXA
3F	B53 G60X80	480.00	0.0	U7DYB	0.1	U5EXA
3F	B53 G60X80	528.33	0.0	U7DYB	0.1	U5EXA
3F	B53 G60X80	576.67	0.0	U7DYB	0.2	U5EXA
3F	B53 G60X80	625.00	0.0	U7DYB	0.2	U5EXA
3F	B54 G60X80	45.00	0.0	U7DYB	0.2	U5EXA
3F	B54 G60X80	87.08	0.0	U7DYB	0.2	U5EXA
3F	B54 G60X80	129.17	0.0	U7DYB	0.2	U5EXA
3F	B54 G60X80	171.25	0.0	U7DYB	0.1	U5EXA
3F	B54 G60X80	213.33	0.0	U7DYB	0.1	U5EXA
3F	B54 G60X80	255.42	0.0	U7DYB	0.1	U5EXA
3F	B54 G60X80	297.50	0.0	U7DYB	0.1	U5EXA
3F	B54 G60X80	297.50	0.0	U7DYB	6.614E-02	U5DYB
3F	B54 G60X80	343.50	0.0	U7DYB	6.607E-02	U5DYB
3F	B54 G60X80	389.50	0.0	U7DYB	6.729E-02	U5DYB
3F	B54 G60X80	435.50	0.0	U7DYB	6.874E-02	U5DYB
3F	B54 G60X80	481.50	0.0	U7DYB	7.042E-02	U5DYB
3F	B54 G60X80	527.50	0.0	U7DYB	7.233E-02	U5DYB
3F	B54 G60X80	573.50	0.0	U7DYB	7.444E-02	U5DYB
3F	B54 G60X80	619.50	0.0	U7DYB	7.649E-02	U5DYB
3F	B54 G60X80	665.50	0.0	U7DYB	7.825E-02	U5DYB
3F	B54 G60X80	711.50	0.0	U7DYB	0.1	U5EXA
3F	B54 G60X80	757.50	0.0	U7DYB	0.1	U5EXA
3F	B54 G60X80	757.50	0.0	U7DYB	0.2	U5EXA
3F	B54 G60X80	796.25	0.0	U7DYB	0.2	U5EXA
3F	B54 G60X80	835.00	0.0	U7DYB	0.2	U5EXA
3F	B57 B30X50	0.00	0.0	U7DYB	4.624E-02	U5DYB
3F	B57 B30X50	50.00	0.0	U7DYB	4.016E-02	U5DYB
3F	B57 B30X50	100.00	0.0	U7DYB	2.719E-02	U5DYB
3F	B57 B30X50	150.00	0.0	U7DYB	0.0	U7DYB
3F	B57 B30X50	200.00	0.0	U7DYB	0.0	U7DYB
3F	B57 B30X50	250.00	0.0	U7DYB	2.719E-02	U5DYB
3F	B57 B30X50	300.00	0.0	U7DYB	4.016E-02	U5DYB
3F	B57 B30X50	350.00	0.0	U7DYB	4.624E-02	U5DYB
3F	B59 B40X60	0.00	0.0	U7DYB	0.2	U5DYB
3F	B59 B40X60	47.34	0.0	U7DYB	0.1	U5DYB
3F	B59 B40X60	94.69	0.0	U7DYB	0.1	U5DYB
3F	B59 B40X60	142.03	0.0	U7DYB	0.1	U5DYB
3F	B59 B40X60	189.38	0.0	U7DYB	0.1	U5DYB
3F	B59 B40X60	236.72	0.0	U7DYB	5.297E-02	U7DYA

3F	B59	B40X60	284.06	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	331.41	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	378.75	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	426.09	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	473.44	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	520.78	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	568.13	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	615.47	0.0	U7DYB	0.0	U7DYB
3F	B59	B40X60	662.81	0.0	U7DYB	5.639E-02	U7DYB
3F	B59	B40X60	710.16	0.0	U7DYB	9.719E-02	U5DYB
3F	B59	B40X60	757.50	0.0	U7DYB	0.1	U5DYB
3F	B59	B40X60	757.50	0.0	U7DYB	0.1	U5DYB
3F	B59	B40X60	798.33	0.0	U7DYB	0.2	U5DYB
3F	B59	B40X60	839.17	0.0	U7DYB	0.2	U5DYB
3F	B59	B40X60	880.00	0.0	U7DYB	0.2	U5DYB
3F	B61	G90X120	45.00	2.763E-02	U5DXA	0.4	U5EYA
3F	B61	G90X120	93.00	2.763E-02	U5DXA	0.4	U5EYA
3F	B61	G90X120	141.00	2.763E-02	U5DXA	0.4	U5EYA
3F	B61	G90X120	189.00	2.763E-02	U5DXA	0.4	U5EYA
3F	B61	G90X120	237.00	2.763E-02	U5DXA	0.3	U5EYA
3F	B61	G90X120	285.00	2.763E-02	U5DXA	0.3	U5EYA
3F	B61	G90X120	333.00	2.763E-02	U5DXA	0.3	U5EYA
3F	B61	G90X120	381.00	2.763E-02	U5DXA	0.2	U5EYA
3F	B61	G90X120	429.00	2.763E-02	U5DXA	0.2	U5DYB
3F	B61	G90X120	477.00	2.763E-02	U5DXA	0.2	U5DYB
3F	B61	G90X120	525.00	2.763E-02	U5DXA	0.2	U5DYB
3F	B61	G90X120	525.00	2.440E-02	U5EXA	0.2	U5DYB
3F	B61	G90X120	573.89	2.440E-02	U5EXA	0.3	U5EYA
3F	B61	G90X120	622.78	2.440E-02	U5EXA	0.3	U5EYA
3F	B61	G90X120	671.67	2.440E-02	U5EXA	0.3	U5EYA
3F	B61	G90X120	720.56	2.440E-02	U5EXA	0.3	U5EYA
3F	B61	G90X120	769.44	2.440E-02	U5EXA	0.4	U5EYA
3F	B61	G90X120	818.33	2.440E-02	U5EXA	0.4	U5EYA
3F	B61	G90X120	867.22	2.440E-02	U5EXA	0.4	U5EYA
3F	B61	G90X120	916.11	2.440E-02	U5EXA	0.4	U5EYA
3F	B61	G90X120	965.00	2.440E-02	U5EXA	0.5	U5EYA
3F	B62	G70X90	45.00	0.0	U7DYB	0.4	U5EYA
3F	B62	G70X90	88.57	0.0	U7DYB	0.4	U5EYA
3F	B62	G70X90	132.14	0.0	U7DYB	0.4	U5EYA
3F	B62	G70X90	175.71	0.0	U7DYB	0.4	U5EYA
3F	B62	G70X90	219.29	0.0	U7DYB	0.4	U5EYA
3F	B62	G70X90	262.86	0.0	U7DYB	0.4	U5EYA
3F	B62	G70X90	306.43	0.0	U7DYB	0.3	U5EYA
3F	B62	G70X90	350.00	0.0	U7DYB	0.3	U5EYA
3F	B62	G70X90	350.00	5.174E-02	U5DXA	0.2	U5DYB
3F	B62	G70X90	393.75	5.174E-02	U5DXA	0.2	U5DYB
3F	B62	G70X90	437.50	5.174E-02	U5DXA	0.2	U5DYB
3F	B62	G70X90	481.25	5.174E-02	U5DXA	0.2	U5DYB
3F	B62	G70X90	525.00	5.174E-02	U5DXA	0.2	U5DYB
3F	B62	G70X90	525.00	0.0	U7DYB	0.2	U7EYA
3F	B62	G70X90	570.50	0.0	U7DYB	0.2	U5EYA
3F	B62	G70X90	616.00	0.0	U7DYB	0.2	U5EYA
3F	B62	G70X90	661.50	0.0	U7DYB	0.3	U5EYA
3F	B62	G70X90	707.00	0.0	U7DYB	0.3	U5EYA
3F	B62	G70X90	752.50	0.0	U7DYB	0.3	U5EYA
3F	B62	G70X90	798.00	0.0	U7DYB	0.3	U5EYA
3F	B62	G70X90	843.50	0.0	U7DYB	0.3	U5EYA
3F	B62	G70X90	889.00	0.0	U7DYB	0.3	U5EYA
3F	B62	G70X90	934.50	0.0	U7DYB	0.3	U5EYA
3F	B62	G70X90	980.00	0.0	U7DYB	0.3	U5EYA
3F	B63	G70X90	45.00	1.824E-02	U5DXA	0.4	U5EYA
3F	B63	G70X90	88.57	1.824E-02	U5DXA	0.4	U5EYA

3F	B63	G70X90	132.14	1.824E-02	U5DXA	0.4	U5EYA
3F	B63	G70X90	175.71	1.824E-02	U5DXA	0.4	U5EYA
3F	B63	G70X90	219.29	1.824E-02	U5DXA	0.3	U5EYA
3F	B63	G70X90	262.86	1.824E-02	U5DXA	0.3	U5EYA
3F	B63	G70X90	306.43	1.824E-02	U5DXA	0.3	U5EYA
3F	B63	G70X90	350.00	1.824E-02	U5DXA	0.3	U5EYA
3F	B63	G70X90	350.00	6.681E-02	U5DXA	0.1	U5DYB
3F	B63	G70X90	393.75	6.681E-02	U5DXA	0.1	U5DYB
3F	B63	G70X90	437.50	6.681E-02	U5DXA	0.1	U5DYB
3F	B63	G70X90	481.25	6.681E-02	U5DXA	0.1	U5DYB
3F	B63	G70X90	525.00	6.681E-02	U5DXA	0.1	U5DYB
3F	B63	G70X90	525.00	3.061E-02	U5DXA	0.2	U5DYB
3F	B63	G70X90	570.50	3.061E-02	U5DXA	0.2	U5DYB
3F	B63	G70X90	616.00	3.061E-02	U5DXA	0.2	U7EYA
3F	B63	G70X90	661.50	3.061E-02	U5DXA	0.2	U5EYA
3F	B63	G70X90	707.00	3.061E-02	U5DXA	0.2	U5EYA
3F	B63	G70X90	752.50	3.061E-02	U5DXA	0.2	U5EYA
3F	B63	G70X90	798.00	3.061E-02	U5DXA	0.3	U5EYA
3F	B63	G70X90	843.50	3.061E-02	U5DXA	0.3	U5EYA
3F	B63	G70X90	889.00	3.061E-02	U5DXA	0.3	U5EYA
3F	B63	G70X90	934.50	3.061E-02	U5DXA	0.3	U5EYA
3F	B63	G70X90	980.00	3.061E-02	U5DXA	0.3	U5EYA
3F	B64	B60X80	0.00	0.0	U7DYB	9.405E-02	U5EXA
3F	B64	B60X80	47.86	0.0	U7DYB	8.901E-02	U5EXA
3F	B64	B60X80	95.71	0.0	U7DYB	8.114E-02	U5EXA
3F	B64	B60X80	143.57	0.0	U7DYB	7.044E-02	U5EXA
3F	B64	B60X80	191.43	0.0	U7DYB	5.804E-02	U5DYB
3F	B64	B60X80	239.29	0.0	U7DYB	5.580E-02	U5DYB
3F	B64	B60X80	287.14	0.0	U7DYB	5.317E-02	U5DYB
3F	B64	B60X80	335.00	0.0	U7DYB	5.050E-02	U5DYB
3F	B64	B60X80	382.86	0.0	U7DYB	5.012E-02	U5DYB
3F	B64	B60X80	430.71	0.0	U7DYB	5.275E-02	U5DYB
3F	B64	B60X80	478.57	0.0	U7DYB	7.022E-02	U5EXA
3F	B64	B60X80	526.43	0.0	U7DYB	8.374E-02	U5EXA
3F	B64	B60X80	574.29	0.0	U7DYB	9.444E-02	U5EXA
3F	B64	B60X80	622.14	0.0	U7DYB	0.1	U5EXA
3F	B64	B60X80	670.00	0.0	U7DYB	0.1	U5EXA
3F	B65	B60X80	0.00	0.0	U7DYB	0.1	U5DXA
3F	B65	B60X80	48.89	0.0	U7DYB	0.1	U5DXA
3F	B65	B60X80	97.78	0.0	U7DYB	0.1	U5DXA
3F	B65	B60X80	146.67	0.0	U7DYB	0.1	U5DXA
3F	B65	B60X80	195.56	0.0	U7DYB	8.938E-02	U5DXA
3F	B65	B60X80	244.44	0.0	U7DYB	7.498E-02	U5DXA
3F	B65	B60X80	293.33	0.0	U7DYB	4.525E-02	U5DYB
3F	B65	B60X80	342.22	0.0	U7DYB	4.346E-02	U5DYB
3F	B65	B60X80	391.11	0.0	U7DYB	4.166E-02	U5DYB
3F	B65	B60X80	440.00	0.0	U7DYB	3.987E-02	U5DYB
3F	B65	B60X80	488.89	0.0	U7DYB	4.150E-02	U5DYB
3F	B65	B60X80	537.78	0.0	U7DYB	4.329E-02	U5DYB
3F	B65	B60X80	586.67	0.0	U7DYB	4.509E-02	U5DYB
3F	B65	B60X80	635.56	0.0	U7DYB	4.688E-02	U5DYB
3F	B65	B60X80	684.44	0.0	U7DYB	4.851E-02	U5DYB
3F	B65	B60X80	733.33	0.0	U7DYB	8.344E-02	U5DXA
3F	B65	B60X80	782.22	0.0	U7DYB	9.488E-02	U5DXA
3F	B65	B60X80	831.11	0.0	U7DYB	0.1	U5DXA
3F	B65	B60X80	880.00	0.0	U7DYB	0.1	U5DXA
3F	B80	G60X80	55.00	0.0	U7DYB	0.1	U5DYB
3F	B80	G60X80	102.50	0.0	U7DYB	0.1	U5DYB
3F	B80	G60X80	150.00	0.0	U7DYB	0.1	U5DYB
3F	B80	G60X80	197.50	0.0	U7DYB	0.1	U5DYB
3F	B80	G60X80	245.00	0.0	U7DYB	0.1	U5DYB
3F	B80	G60X80	292.50	0.0	U7DYB	0.1	U5DYB

3F	B80	G60X80	340.00	0.0	U7DYB	0.1	U5DYB
3F	B80	G60X80	387.50	0.0	U7DYB	0.1	U5DYB
3F	B80	G60X80	435.00	0.0	U7DYB	0.1	U5EXA
3F	B80	G60X80	482.50	0.0	U7DYB	0.1	U5EXA
3F	B80	G60X80	530.00	0.0	U7DYB	0.2	U5EXA
3F	B80	G60X80	577.50	0.0	U7DYB	0.2	U5EXA
3F	B80	G60X80	625.00	0.0	U7DYB	0.2	U5EXA
3F	B81	G60X80	45.00	0.0	U7DYB	0.1	U5EXA
3F	B81	G60X80	94.38	0.0	U7DYB	0.1	U5EXA
3F	B81	G60X80	143.75	0.0	U7DYB	0.1	U5EXA
3F	B81	G60X80	193.13	0.0	U7DYB	0.1	U5EXA
3F	B81	G60X80	242.50	0.0	U7DYB	9.702E-02	U5EXA
3F	B81	G60X80	291.88	0.0	U7DYB	6.457E-02	U5DYB
3F	B81	G60X80	341.25	0.0	U7DYB	6.187E-02	U5DYB
3F	B81	G60X80	390.63	0.0	U7DYB	5.918E-02	U5DYB
3F	B81	G60X80	440.00	0.0	U7DYB	5.894E-02	U5DYB
3F	B81	G60X80	489.38	0.0	U7DYB	6.164E-02	U5DYB
3F	B81	G60X80	538.75	0.0	U7DYB	6.433E-02	U5DYB
3F	B81	G60X80	588.13	0.0	U7DYB	6.702E-02	U5DYB
3F	B81	G60X80	637.50	0.0	U7DYB	8.899E-02	U5EXA
3F	B81	G60X80	686.88	0.0	U7DYB	0.1	U5EXA
3F	B81	G60X80	736.25	0.0	U7DYB	0.1	U5EXA
3F	B81	G60X80	785.63	0.0	U7DYB	0.1	U5EXA
3F	B81	G60X80	835.00	0.0	U7DYB	0.1	U5EXA
3F	B83	B60X80	0.00	0.0	U7DYB	7.780E-02	U5EXA
3F	B83	B60X80	47.86	0.0	U7DYB	5.862E-02	U5DYB
3F	B83	B60X80	95.71	0.0	U7DYB	5.787E-02	U5DYB
3F	B83	B60X80	143.57	0.0	U7DYB	5.662E-02	U5DYB
3F	B83	B60X80	191.43	0.0	U7DYB	5.488E-02	U5DYB
3F	B83	B60X80	239.29	0.0	U7DYB	5.264E-02	U5DYB
3F	B83	B60X80	287.14	0.0	U7DYB	4.998E-02	U5DYB
3F	B83	B60X80	335.00	0.0	U7DYB	4.783E-02	U5DYB
3F	B83	B60X80	382.86	0.0	U7DYB	5.056E-02	U5DYB
3F	B83	B60X80	430.71	0.0	U7DYB	6.913E-02	U5EXA
3F	B83	B60X80	478.57	0.0	U7DYB	8.548E-02	U5EXA
3F	B83	B60X80	526.43	0.0	U7DYB	9.900E-02	U5EXA
3F	B83	B60X80	574.29	0.0	U7DYB	0.1	U5EXA
3F	B83	B60X80	622.14	0.0	U7DYB	0.1	U5EXA
3F	B83	B60X80	670.00	0.0	U7DYB	0.1	U5EXA
3F	B84	B60X80	0.00	0.0	U7DYB	0.2	U5EXB
3F	B84	B60X80	48.89	0.0	U7DYB	0.1	U5EXB
3F	B84	B60X80	97.78	0.0	U7DYB	0.1	U5EXB
3F	B84	B60X80	146.67	0.0	U7DYB	0.1	U5EXB
3F	B84	B60X80	195.56	0.0	U7DYB	0.1	U5EXA
3F	B84	B60X80	244.44	0.0	U7DYB	9.493E-02	U5EXA
3F	B84	B60X80	293.33	0.0	U7DYB	5.084E-02	U5DYB
3F	B84	B60X80	342.22	0.0	U7DYB	4.804E-02	U5DYB
3F	B84	B60X80	391.11	0.0	U7DYB	4.525E-02	U5DYB
3F	B84	B60X80	440.00	0.0	U7DYB	4.246E-02	U5DYB
3F	B84	B60X80	488.89	0.0	U7DYB	4.396E-02	U5DYB
3F	B84	B60X80	537.78	0.0	U7DYB	4.675E-02	U5DYB
3F	B84	B60X80	586.67	0.0	U7DYB	4.954E-02	U5DYB
3F	B84	B60X80	635.56	0.0	U7DYB	5.229E-02	U5DYB
3F	B84	B60X80	684.44	0.0	U7DYB	5.463E-02	U5DYB
3F	B84	B60X80	733.33	0.0	U7DYB	9.812E-02	U5EXA
3F	B84	B60X80	782.22	0.0	U7DYB	0.1	U5EXA
3F	B84	B60X80	831.11	0.0	U7DYB	0.1	U5EXA
3F	B84	B60X80	880.00	0.0	U7DYB	0.1	U5EXB
3F	B85	G90X120	60.00	0.0	U7DYB	0.5	U5EYA
3F	B85	G90X120	109.31	0.0	U7DYB	0.4	U5EYA
3F	B85	G90X120	158.61	0.0	U7DYB	0.4	U5EYA

3F	B85	G90X120	207.92	0.0	U7DYB	0.4	U5EYA
3F	B85	G90X120	257.22	0.0	U7DYB	0.3	U5EYA
3F	B85	G90X120	306.53	0.0	U7DYB	0.3	U5EYA
3F	B85	G90X120	355.83	0.0	U7DYB	0.3	U5EYA
3F	B85	G90X120	405.14	0.0	U7DYB	0.3	U5EYA
3F	B85	G90X120	454.44	0.0	U7DYB	0.2	U5EYA
3F	B85	G90X120	503.75	0.0	U7DYB	0.2	U5DYB
3F	B85	G90X120	503.75	0.0	U7DYB	0.2	U5DYB
3F	B85	G90X120	549.32	0.0	U7DYB	0.2	U5DYB
3F	B85	G90X120	594.89	0.0	U7DYB	0.2	U5DYB
3F	B85	G90X120	640.45	0.0	U7DYB	0.2	U5EYA
3F	B85	G90X120	686.02	0.0	U7DYB	0.3	U5EYA
3F	B85	G90X120	731.59	0.0	U7DYB	0.3	U5EYA
3F	B85	G90X120	777.16	0.0	U7DYB	0.3	U5EYA
3F	B85	G90X120	822.73	0.0	U7DYB	0.3	U5EYA
3F	B85	G90X120	868.30	0.0	U7DYB	0.4	U5EYA
3F	B85	G90X120	913.86	0.0	U7DYB	0.4	U5EYA
3F	B85	G90X120	959.43	0.0	U7DYB	0.4	U5EYA
3F	B85	G90X120	1005.00	0.0	U7DYB	0.4	U5EYA

3F	B86	G70X90	45.00	2.152E-02	U5EXA	0.3	U5EYA
3F	B86	G70X90	90.88	2.152E-02	U5EXA	0.3	U5EYA
3F	B86	G70X90	136.75	2.152E-02	U5EXA	0.3	U5EYA
3F	B86	G70X90	182.63	2.152E-02	U5EXA	0.3	U5EYA
3F	B86	G70X90	228.50	2.152E-02	U5EXA	0.3	U5EYA
3F	B86	G70X90	274.38	2.152E-02	U5EXA	0.2	U5EYA
3F	B86	G70X90	320.25	2.152E-02	U5EXA	0.2	U5EYA
3F	B86	G70X90	366.13	2.152E-02	U5EXA	0.2	U5EYA
3F	B86	G70X90	412.00	2.152E-02	U5EXA	0.2	U5EYA
3F	B86	G70X90	457.88	2.152E-02	U5EXA	0.2	U5EYA
3F	B86	G70X90	503.75	2.152E-02	U5EXA	0.2	U5EYA
3F	B86	G70X90	503.75	1.971E-02	U5EXA	0.1	U5DYB
3F	B86	G70X90	549.32	1.971E-02	U5EXA	0.2	U5EYA
3F	B86	G70X90	594.89	1.971E-02	U5EXA	0.2	U5EYA
3F	B86	G70X90	640.45	1.971E-02	U5EXA	0.2	U5EYA
3F	B86	G70X90	686.02	1.971E-02	U5EXA	0.2	U5EYA
3F	B86	G70X90	731.59	1.971E-02	U5EXA	0.2	U5EYA
3F	B86	G70X90	777.16	1.971E-02	U5EXA	0.2	U5EYA
3F	B86	G70X90	822.73	1.971E-02	U5EXA	0.3	U5EYA
3F	B86	G70X90	868.30	1.971E-02	U5EXA	0.3	U5EYA
3F	B86	G70X90	913.86	1.971E-02	U5EXA	0.3	U5EYA
3F	B86	G70X90	959.43	1.971E-02	U5EXA	0.3	U5EYA
3F	B86	G70X90	1005.00	1.971E-02	U5EXA	0.3	U5EYA

3F	B87	G70X90	45.00	4.718E-02	U5EXA	0.3	U5EYA
3F	B87	G70X90	90.88	4.718E-02	U5EXA	0.3	U5EYA
3F	B87	G70X90	136.75	4.718E-02	U5EXA	0.2	U5EYA
3F	B87	G70X90	182.63	4.718E-02	U5EXA	0.2	U5EYA
3F	B87	G70X90	228.50	4.718E-02	U5EXA	0.2	U5EYA
3F	B87	G70X90	274.38	4.718E-02	U5EXA	0.2	U5EYA
3F	B87	G70X90	320.25	4.718E-02	U5EXA	0.2	U5EYA
3F	B87	G70X90	366.13	4.718E-02	U5EXA	0.2	U5EYA
3F	B87	G70X90	412.00	4.718E-02	U5EXA	0.1	U5EYA
3F	B87	G70X90	457.88	4.718E-02	U5EXA	0.1	U5DYB
3F	B87	G70X90	503.75	4.718E-02	U5EXA	0.1	U5EYA
3F	B87	G70X90	503.75	4.277E-02	U5EXA	0.1	U5DYB
3F	B87	G70X90	549.32	4.277E-02	U5EXA	0.1	U5DYB
3F	B87	G70X90	594.89	4.277E-02	U5EXA	0.1	U5DYB
3F	B87	G70X90	640.45	4.277E-02	U5EXA	0.1	U5DYB
3F	B87	G70X90	686.02	4.277E-02	U5EXA	0.2	U5EYA
3F	B87	G70X90	731.59	4.277E-02	U5EXA	0.2	U5EYA
3F	B87	G70X90	777.16	4.277E-02	U5EXA	0.2	U5EYA
3F	B87	G70X90	822.73	4.277E-02	U5EXA	0.2	U5EYA
3F	B87	G70X90	868.30	4.277E-02	U5EXA	0.2	U5EYA
3F	B87	G70X90	913.86	4.277E-02	U5EXA	0.2	U5EYA

3F	B87	G70X90	959.43	4.277E-02	U5EXA	0.3 U5EYA
3F	B87	G70X90	1005.00	4.277E-02	U5EXA	0.3 U5EYA
3F	B88G100X150-C		60.00	0.0	U7DYB	0.5 U5EYA
3F	B88G100X150-C		109.49	0.0	U7DYB	0.5 U5EYA
3F	B88G100X150-C		158.97	0.0	U7DYB	0.5 U5EYA
3F	B88G100X150-C		208.46	0.0	U7DYB	0.4 U5EYA
3F	B88G100X150-C		257.95	0.0	U7DYB	0.4 U5EYA
3F	B88G100X150-C		307.44	0.0	U7DYB	0.4 U5EYA
3F	B88G100X150-C		356.92	0.0	U7DYB	0.4 U5EYA
3F	B88G100X150-C		406.41	0.0	U7DYB	0.4 U5EYA
3F	B88G100X150-C		455.90	0.0	U7DYB	0.3 U5EYA
3F	B88G100X150-C		505.38	0.0	U7DYB	0.3 U5EYA
3F	B88G100X150-C		554.87	0.0	U7DYB	0.3 U5EYA
3F	B88G100X150-C		604.36	0.0	U7DYB	0.3 U5EYA
3F	B88G100X150-C		653.85	0.0	U7DYB	0.3 U5EYA
3F	B88G100X150-C		703.33	0.0	U7DYB	0.2 U7EYA
3F	B88G100X150-C		752.82	0.0	U7DYB	0.2 U5DYB
3F	B88G100X150-C		802.31	0.0	U7DYB	0.2 U5DYB
3F	B88G100X150-C		851.79	0.0	U7DYB	0.2 U5DYB
3F	B88G100X150-C		901.28	0.0	U7DYB	0.2 U5DYB
3F	B88G100X150-C		950.77	0.0	U7DYB	0.2 U5DYB
3F	B88G100X150-C		1000.26	0.0	U7DYB	0.2 U5DYB
3F	B88G100X150-C		1049.74	0.0	U7DYB	0.2 U5DYB
3F	B88G100X150-C		1099.23	0.0	U7DYB	0.2 U5DYB
3F	B88G100X150-C		1148.72	0.0	U7DYB	0.2 U5DYB
3F	B88G100X150-C		1198.21	0.0	U7DYB	0.2 U5DYB
3F	B88G100X150-C		1247.69	0.0	U7DYB	0.2 U5DYB
3F	B88G100X150-C		1297.18	0.0	U7DYB	0.2 U5DYB
3F	B88G100X150-C		1346.67	0.0	U7DYB	0.2 U7EYA
3F	B88G100X150-C		1396.15	0.0	U7DYB	0.3 U5EYA
3F	B88G100X150-C		1445.64	0.0	U7DYB	0.3 U5EYA
3F	B88G100X150-C		1495.13	0.0	U7DYB	0.3 U5EYA
3F	B88G100X150-C		1544.62	0.0	U7DYB	0.3 U5EYA
3F	B88G100X150-C		1594.10	0.0	U7DYB	0.3 U5EYA
3F	B88G100X150-C		1643.59	0.0	U7DYB	0.4 U5EYA
3F	B88G100X150-C		1693.08	0.0	U7DYB	0.4 U5EYA
3F	B88G100X150-C		1742.56	0.0	U7DYB	0.4 U5EYA
3F	B88G100X150-C		1792.05	0.0	U7DYB	0.4 U5EYA
3F	B88G100X150-C		1841.54	0.0	U7DYB	0.4 U5EYA
3F	B88G100X150-C		1891.03	0.0	U7DYB	0.5 U5EYA
3F	B88G100X150-C		1940.51	0.0	U7DYB	0.5 U5EYA
3F	B88G100X150-C		1990.00	0.0	U7DYB	0.5 U5EYA
3F	B117	G60X80	45.00	0.0	U7DYB	0.1 U5DYB
3F	B117	G60X80	93.33	0.0	U7DYB	0.1 U5DYB
3F	B117	G60X80	141.67	0.0	U7DYB	0.1 U5DYB
3F	B117	G60X80	190.00	0.0	U7DYB	0.1 U5DYB
3F	B117	G60X80	238.33	0.0	U7DYB	0.1 U5DYB
3F	B117	G60X80	286.67	0.0	U7DYB	0.1 U5DYB
3F	B117	G60X80	335.00	0.0	U7DYB	9.952E-02 U5DYB
3F	B117	G60X80	383.33	0.0	U7DYB	0.1 U5DYB
3F	B117	G60X80	431.67	0.0	U7DYB	0.1 U5EXA
3F	B117	G60X80	480.00	0.0	U7DYB	0.1 U5EXA
3F	B117	G60X80	528.33	0.0	U7DYB	0.1 U5EXA
3F	B117	G60X80	576.67	0.0	U7DYB	0.2 U5EXA
3F	B117	G60X80	625.00	0.0	U7DYB	0.2 U5EXA
3F	B118	G60X80	45.00	0.0	U7DYB	0.1 U5EXA
3F	B118	G60X80	94.38	0.0	U7DYB	0.1 U5EXA
3F	B118	G60X80	143.75	0.0	U7DYB	0.1 U5EXA
3F	B118	G60X80	193.13	0.0	U7DYB	0.1 U5EXA
3F	B118	G60X80	242.50	0.0	U7DYB	9.696E-02 U5EXA
3F	B118	G60X80	291.88	0.0	U7DYB	6.417E-02 U5DYB
3F	B118	G60X80	341.25	0.0	U7DYB	6.151E-02 U5DYB

3F	B118	G60X80	390.63	0.0	U7DYB	5.885E-02	U5DYB
3F	B118	G60X80	440.00	0.0	U7DYB	5.876E-02	U5DYB
3F	B118	G60X80	489.38	0.0	U7DYB	6.142E-02	U5DYB
3F	B118	G60X80	538.75	0.0	U7DYB	6.408E-02	U5DYB
3F	B118	G60X80	588.13	0.0	U7DYB	6.674E-02	U5DYB
3F	B118	G60X80	637.50	0.0	U7DYB	6.935E-02	U5DYB
3F	B118	G60X80	686.88	0.0	U7DYB	0.1	U5EXA
3F	B118	G60X80	736.25	0.0	U7DYB	0.1	U5EXA
3F	B118	G60X80	785.63	0.0	U7DYB	0.1	U5EXA
3F	B118	G60X80	835.00	0.0	U7DYB	0.1	U5EXA
3F	B119	B60X80	0.00	0.0	U7DYB	7.465E-02	U5EXA
3F	B119	B60X80	47.86	0.0	U7DYB	5.882E-02	U5DYB
3F	B119	B60X80	95.71	0.0	U7DYB	5.807E-02	U5DYB
3F	B119	B60X80	143.57	0.0	U7DYB	5.683E-02	U5DYB
3F	B119	B60X80	191.43	0.0	U7DYB	5.509E-02	U5DYB
3F	B119	B60X80	239.29	0.0	U7DYB	5.286E-02	U5DYB
3F	B119	B60X80	287.14	0.0	U7DYB	5.034E-02	U5DYB
3F	B119	B60X80	335.00	0.0	U7DYB	5.015E-02	U5DYB
3F	B119	B60X80	382.86	0.0	U7DYB	5.275E-02	U5DYB
3F	B119	B60X80	430.71	0.0	U7DYB	7.026E-02	U5EXA
3F	B119	B60X80	478.57	0.0	U7DYB	8.652E-02	U5EXA
3F	B119	B60X80	526.43	0.0	U7DYB	0.1	U5EXA
3F	B119	B60X80	574.29	0.0	U7DYB	0.1	U5EXA
3F	B119	B60X80	622.14	0.0	U7DYB	0.1	U5EXA
3F	B119	B60X80	670.00	0.0	U7DYB	0.1	U5EXA
3F	B120	B60X80	0.00	0.0	U7DYB	0.2	U5EXB
3F	B120	B60X80	48.96	0.0	U7DYB	0.2	U5EXB
3F	B120	B60X80	97.92	0.0	U7DYB	0.2	U5EXB
3F	B120	B60X80	146.88	0.0	U7DYB	0.1	U5EXB
3F	B120	B60X80	195.83	0.0	U7DYB	0.1	U5EXA
3F	B120	B60X80	244.79	0.0	U7DYB	0.1	U5EXA
3F	B120	B60X80	293.75	0.0	U7DYB	5.934E-02	U5DYB
3F	B120	B60X80	342.71	0.0	U7DYB	5.674E-02	U5DYB
3F	B120	B60X80	391.67	0.0	U7DYB	5.438E-02	U5DYB
3F	B120	B60X80	440.63	0.0	U7DYB	5.229E-02	U5DYB
3F	B120	B60X80	489.58	0.0	U7DYB	5.045E-02	U5DYB
3F	B120	B60X80	538.54	0.0	U7DYB	4.888E-02	U5DYB
3F	B120	B60X80	587.50	0.0	U7DYB	4.906E-02	U5DYB
3F	B120	B60X80	587.50	0.0	U7DYB	6.302E-02	U5DYB
3F	B120	B60X80	636.25	0.0	U7DYB	6.433E-02	U5DYB
3F	B120	B60X80	685.00	0.0	U7DYB	6.585E-02	U5DYB
3F	B120	B60X80	733.75	0.0	U7DYB	0.1	U5EXA
3F	B120	B60X80	782.50	0.0	U7DYB	0.1	U5EXB
3F	B120	B60X80	831.25	0.0	U7DYB	0.1	U5EXB
3F	B120	B60X80	880.00	0.0	U7DYB	0.2	U5EXB
3F	B121	G90X120	45.00	0.0	U7DYB	0.4	U5EYA
3F	B121	G90X120	95.00	0.0	U7DYB	0.4	U5EYA
3F	B121	G90X120	145.00	0.0	U7DYB	0.4	U5EYA
3F	B121	G90X120	195.00	0.0	U7DYB	0.3	U5EYA
3F	B121	G90X120	245.00	0.0	U7DYB	0.3	U5EYA
3F	B121	G90X120	295.00	0.0	U7DYB	0.3	U5EYA
3F	B121	G90X120	345.00	0.0	U7DYB	0.3	U5EYA
3F	B121	G90X120	395.00	0.0	U7DYB	0.2	U5EYA
3F	B121	G90X120	445.00	0.0	U7DYB	0.2	U5DYB
3F	B121	G90X120	445.00	0.0	U7DYB	0.2	U5DYB
3F	B121	G90X120	494.50	0.0	U7DYB	0.2	U5DYB
3F	B121	G90X120	544.00	0.0	U7DYB	0.2	U5EYA
3F	B121	G90X120	593.50	0.0	U7DYB	0.3	U5EYA
3F	B121	G90X120	643.00	0.0	U7DYB	0.3	U5EYA
3F	B121	G90X120	692.50	0.0	U7DYB	0.3	U5EYA
3F	B121	G90X120	742.00	0.0	U7DYB	0.4	U5EYA
3F	B121	G90X120	791.50	0.0	U7DYB	0.4	U5EYA

3F	B121	G90X120	841.00	0.0	U7DYB	0.4	U5EYA
3F	B121	G90X120	890.50	0.0	U7DYB	0.4	U5EYA
3F	B121	G90X120	940.00	0.0	U7DYB	0.5	U5EYA
3F	B122	G70X90	45.00	3.067E-02	U5EXA	0.3	U5EYA
3F	B122	G70X90	95.00	3.067E-02	U5EXA	0.3	U5EYA
3F	B122	G70X90	145.00	3.067E-02	U5EXA	0.3	U5EYA
3F	B122	G70X90	195.00	3.067E-02	U5EXA	0.3	U5EYA
3F	B122	G70X90	245.00	3.067E-02	U5EXA	0.3	U5EYA
3F	B122	G70X90	295.00	3.067E-02	U5EXA	0.3	U5EYA
3F	B122	G70X90	345.00	3.067E-02	U5EXA	0.3	U5EYA
3F	B122	G70X90	395.00	3.067E-02	U5EXA	0.2	U5EYA
3F	B122	G70X90	445.00	3.067E-02	U5EXA	0.2	U5EYA
3F	B122	G70X90	445.00	2.615E-02	U5EXA	0.2	U5EYA
3F	B122	G70X90	494.50	2.615E-02	U5EXA	0.2	U5EYA
3F	B122	G70X90	544.00	2.615E-02	U5EXA	0.2	U5EYA
3F	B122	G70X90	593.50	2.615E-02	U5EXA	0.2	U5EYA
3F	B122	G70X90	643.00	2.615E-02	U5EXA	0.2	U5EYA
3F	B122	G70X90	692.50	2.615E-02	U5EXA	0.2	U5EYA
3F	B122	G70X90	742.00	2.615E-02	U5EXA	0.3	U5EYA
3F	B122	G70X90	791.50	2.615E-02	U5EXA	0.3	U5EYA
3F	B122	G70X90	841.00	2.615E-02	U5EXA	0.3	U5EYA
3F	B122	G70X90	890.50	2.615E-02	U5EXA	0.3	U5EYA
3F	B122	G70X90	940.00	2.615E-02	U5EXA	0.3	U5EYA
3F	B123	G70X90	45.00	5.855E-02	U5EXA	0.3	U5EYA
3F	B123	G70X90	95.00	5.855E-02	U5EXA	0.3	U5EYA
3F	B123	G70X90	145.00	5.855E-02	U5EXA	0.3	U5EYA
3F	B123	G70X90	195.00	5.855E-02	U5EXA	0.2	U5EYA
3F	B123	G70X90	245.00	5.855E-02	U5EXA	0.2	U5EYA
3F	B123	G70X90	295.00	5.855E-02	U5EXA	0.2	U5EYA
3F	B123	G70X90	345.00	5.855E-02	U5EXA	0.2	U5EYA
3F	B123	G70X90	395.00	5.855E-02	U5EXA	0.2	U5EYA
3F	B123	G70X90	445.00	5.855E-02	U5EXA	0.2	U5EYA
3F	B123	G70X90	445.00	4.656E-02	U5EXA	0.1	U5DYB
3F	B123	G70X90	491.36	4.656E-02	U5EXA	0.1	U5DYB
3F	B123	G70X90	537.73	4.656E-02	U5EXA	0.1	U5DYB
3F	B123	G70X90	584.09	4.656E-02	U5EXA	0.1	U5DYB
3F	B123	G70X90	630.45	4.656E-02	U5EXA	0.1	U5DYB
3F	B123	G70X90	676.82	4.656E-02	U5EXA	0.2	U5EYA
3F	B123	G70X90	723.18	4.656E-02	U5EXA	0.2	U5EYA
3F	B123	G70X90	769.55	4.656E-02	U5EXA	0.2	U5EYA
3F	B123	G70X90	815.91	4.656E-02	U5EXA	0.2	U5EYA
3F	B123	G70X90	862.27	4.656E-02	U5EXA	0.2	U5EYA
3F	B123	G70X90	908.64	4.656E-02	U5EXA	0.2	U5EYA
3F	B123	G70X90	955.00	4.656E-02	U5EXA	0.3	U5EYA
3F	B126	G90X120	60.00	5.923E-02	U5EYA	0.2	U5EXA
3F	B126	G90X120	108.50	5.923E-02	U5EYA	0.2	U5DYB
3F	B126	G90X120	157.00	5.923E-02	U5EYA	0.2	U5DYB
3F	B126	G90X120	205.50	5.923E-02	U5EYA	0.2	U5DYB
3F	B126	G90X120	254.00	5.923E-02	U5EYA	0.2	U5DYB
3F	B126	G90X120	302.50	5.923E-02	U5EYA	0.2	U5DYB
3F	B126	G90X120	351.00	5.923E-02	U5EYA	0.2	U5DYB
3F	B126	G90X120	399.50	5.923E-02	U5EYA	0.2	U5EXA
3F	B126	G90X120	448.00	5.923E-02	U5EYA	0.3	U5EXA
3F	B126	G90X120	496.50	5.923E-02	U5EYA	0.3	U5EXA
3F	B126	G90X120	545.00	5.923E-02	U5EYA	0.3	U5EXA
3F	B127	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B127	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
3F	B127	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B127	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
3F	B127	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B127	G90X120	300.00	0.0	U7DYB	0.2	U5DYB

3F	B127	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B127	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
3F	B127	G90X120	447.00	0.0	U7DYB	0.2	U5DYB
3F	B127	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
3F	B127	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
3F	B128	G90X120	55.00	0.0	U7DYB	0.2	U5EXA
3F	B128	G90X120	104.00	0.0	U7DYB	0.2	U5DYB
3F	B128	G90X120	153.00	0.0	U7DYB	0.2	U5DYB
3F	B128	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
3F	B128	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B128	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B128	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B128	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
3F	B128	G90X120	447.00	0.0	U7DYB	0.3	U5EXA
3F	B128	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
3F	B128	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
3F	B129	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B129	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
3F	B129	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B129	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
3F	B129	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B129	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B129	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B129	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
3F	B129	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
3F	B129	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
3F	B129	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
3F	B130	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B130	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
3F	B130	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B130	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
3F	B130	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B130	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B130	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B130	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
3F	B130	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
3F	B130	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
3F	B130	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
3F	B131	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B131	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
3F	B131	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B131	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
3F	B131	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B131	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B131	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B131	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
3F	B131	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
3F	B131	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
3F	B131	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
3F	B132	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B132	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
3F	B132	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B132	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
3F	B132	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B132	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B132	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B132	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
3F	B132	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
3F	B132	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
3F	B132	G90X120	545.00	0.0	U7DYB	0.3	U5EXA

3F	B133	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B133	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
3F	B133	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B133	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
3F	B133	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B133	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B133	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B133	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
3F	B133	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
3F	B133	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
3F	B133	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
3F	B134	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B134	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
3F	B134	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B134	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
3F	B134	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B134	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B134	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B134	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
3F	B134	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
3F	B134	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
3F	B134	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
3F	B135	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B135	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
3F	B135	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B135	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
3F	B135	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B135	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B135	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B135	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
3F	B135	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
3F	B135	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
3F	B135	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
3F	B136	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B136	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
3F	B136	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
3F	B136	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
3F	B136	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
3F	B136	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
3F	B136	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
3F	B136	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
3F	B136	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
3F	B136	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
3F	B136	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
3F	B137	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
3F	B137	G90X120	105.00	0.0	U7DYB	0.3	U5DYB
3F	B137	G90X120	155.00	0.0	U7DYB	0.3	U5DYB
3F	B137	G90X120	205.00	0.0	U7DYB	0.3	U5DYB
3F	B137	G90X120	255.00	0.0	U7DYB	0.3	U5DYB
3F	B137	G90X120	305.00	0.0	U7DYB	0.3	U5DYB
3F	B137	G90X120	355.00	0.0	U7DYB	0.3	U5DYB
3F	B137	G90X120	405.00	0.0	U7DYB	0.3	U5EXA
3F	B137	G90X120	455.00	0.0	U7DYB	0.3	U5EXA
3F	B138	G90X120	55.00	2.031E-02	U5EYA	0.3	U5EXA
3F	B138	G90X120	103.33	2.031E-02	U5EYA	0.3	U5EXA
3F	B138	G90X120	151.67	2.031E-02	U5EYA	0.2	U5EXA
3F	B138	G90X120	200.00	2.031E-02	U5EYA	0.2	U5EXA
3F	B138	G90X120	248.33	2.031E-02	U5EYA	0.2	U5EXA
3F	B138	G90X120	296.67	2.031E-02	U5EYA	0.2	U5DYB

3F	B138	G90X120	345.00	2.031E-02	U5EYA	0.2	U5DYB
3F	B138	G90X120	393.33	2.031E-02	U5EYA	0.2	U5DYB
3F	B138	G90X120	441.67	2.031E-02	U5EYA	0.2	U5DYB
3F	B138	G90X120	490.00	2.031E-02	U5EYA	0.2	U5DYB
3F	B138	G90X120	538.33	2.031E-02	U5EYA	0.2	U5EXA
3F	B138	G90X120	586.67	2.031E-02	U5EYA	0.2	U5EXA
3F	B138	G90X120	635.00	2.031E-02	U5EYA	0.2	U5EXA
3F	B139	G90X120	55.00	3.730E-02	U5EYA	0.3	U5EXA
3F	B139	G90X120	104.38	3.730E-02	U5EYA	0.2	U5EXA
3F	B139	G90X120	153.75	3.730E-02	U5EYA	0.2	U5EXA
3F	B139	G90X120	203.13	3.730E-02	U5EYA	0.2	U5EXA
3F	B139	G90X120	252.50	3.730E-02	U5EYA	0.2	U5EXA
3F	B139	G90X120	301.88	3.730E-02	U5EYA	0.1	U5EXA
3F	B139	G90X120	351.25	3.730E-02	U5EYA	0.1	U5DYB
3F	B139	G90X120	400.63	3.730E-02	U5EYA	0.1	U5DYB
3F	B139	G90X120	450.00	3.730E-02	U5EYA	0.1	U5DYB
3F	B139	G90X120	499.38	3.730E-02	U5EYA	0.1	U5DYB
3F	B139	G90X120	548.75	3.730E-02	U5EYA	0.1	U5DYB
3F	B139	G90X120	598.13	3.730E-02	U5EYA	0.1	U5EXA
3F	B139	G90X120	647.50	3.730E-02	U5EYA	0.2	U5EXA
3F	B139	G90X120	696.88	3.730E-02	U5EYA	0.2	U5EXA
3F	B139	G90X120	746.25	3.730E-02	U5EYA	0.2	U5EXA
3F	B139	G90X120	795.63	3.730E-02	U5EYA	0.2	U5EXA
3F	B139	G90X120	845.00	3.730E-02	U5EYA	0.3	U5EXA
3F	B140	G60X80	55.00	0.0	U7DYB	0.1	U5EXA
3F	B140	G60X80	101.67	0.0	U7DYB	0.1	U5DYB
3F	B140	G60X80	148.33	0.0	U7DYB	0.1	U5DYB
3F	B140	G60X80	195.00	0.0	U7DYB	0.1	U5DYB
3F	B140	G60X80	241.67	0.0	U7DYB	0.1	U5DYB
3F	B140	G60X80	288.33	0.0	U7DYB	0.1	U5DYB
3F	B140	G60X80	335.00	0.0	U7DYB	0.1	U5DYB
3F	B140	G60X80	381.67	0.0	U7DYB	0.1	U5DYB
3F	B140	G60X80	428.33	0.0	U7DYB	0.1	U5EXA
3F	B140	G60X80	475.00	0.0	U7DYB	0.1	U5EXA
3F	B140	G60X80	521.67	0.0	U7DYB	0.2	U5EXA
3F	B140	G60X80	568.33	0.0	U7DYB	0.2	U5EXA
3F	B140	G60X80	615.00	0.0	U7DYB	0.2	U5EXA
3F	B141	G60X80	55.00	0.0	U7DYB	0.2	U5EXA
3F	B141	G60X80	103.41	0.0	U7DYB	0.2	U5EXA
3F	B141	G60X80	151.82	0.0	U7DYB	0.1	U5EXA
3F	B141	G60X80	200.23	0.0	U7DYB	0.1	U5EXA
3F	B141	G60X80	248.64	0.0	U7DYB	0.1	U5EXA
3F	B141	G60X80	297.05	0.0	U7DYB	7.310E-02	U5DYB
3F	B141	G60X80	345.45	0.0	U7DYB	7.171E-02	U5DYB
3F	B141	G60X80	393.86	0.0	U7DYB	7.057E-02	U5DYB
3F	B141	G60X80	442.27	0.0	U7DYB	6.967E-02	U5DYB
3F	B141	G60X80	490.68	0.0	U7DYB	6.904E-02	U5DYB
3F	B141	G60X80	539.09	0.0	U7DYB	6.866E-02	U5DYB
3F	B141	G60X80	587.50	0.0	U7DYB	6.853E-02	U5DYB
3F	B141	G60X80	587.50	0.0	U7DYB	0.1	U5EXA
3F	B141	G60X80	637.00	0.0	U7DYB	0.1	U5EXA
3F	B141	G60X80	686.50	0.0	U7DYB	0.1	U5EXA
3F	B141	G60X80	736.00	0.0	U7DYB	0.1	U5EXA
3F	B141	G60X80	785.50	0.0	U7DYB	0.2	U5EXA
3F	B141	G60X80	835.00	0.0	U7DYB	0.2	U5EXA
3F	B142	B30X50	0.00	0.0	U7DYB	8.886E-02	U5DYB
3F	B142	B30X50	41.77	0.0	U7DYB	8.532E-02	U5DYB
3F	B142	B30X50	83.54	0.0	U7DYB	7.810E-02	U5DYB
3F	B142	B30X50	125.31	0.0	U7DYB	3.333E-02	U7DYB
3F	B142	B30X50	167.08	0.0	U7DYB	2.450E-02	U7DYB
3F	B142	B30X50	208.85	0.0	U7DYB	0.0	U7DYB

3F	B142	B30X50	250.63	0.0	U7DYB	0.0	U7DYB
3F	B142	B30X50	250.63	0.0	U7DYB	0.0	U7DYB
3F	B142	B30X50	292.40	0.0	U7DYB	0.0	U7DYB
3F	B142	B30X50	334.17	0.0	U7DYB	2.450E-02	U7DYB
3F	B142	B30X50	375.94	0.0	U7DYB	3.333E-02	U7DYB
3F	B142	B30X50	417.71	0.0	U7DYB	7.810E-02	U5DYB
3F	B142	B30X50	459.48	0.0	U7DYB	8.532E-02	U5DYB
3F	B142	B30X50	501.25	0.0	U7DYB	8.886E-02	U5DYB
3F	B143	B30X50	0.00	0.0	U7DYB	0.1	U5DYB
3F	B143	B30X50	46.25	0.0	U7DYB	9.716E-02	U5DYB
3F	B143	B30X50	92.50	0.0	U7DYB	8.852E-02	U5DYB
3F	B143	B30X50	138.75	0.0	U7DYB	3.826E-02	U7DYB
3F	B143	B30X50	185.00	0.0	U7DYB	2.793E-02	U7DYB
3F	B143	B30X50	231.25	0.0	U7DYB	0.0	U7DYB
3F	B143	B30X50	277.50	0.0	U7DYB	0.0	U7DYB
3F	B143	B30X50	277.50	0.0	U7DYB	0.0	U7DYB
3F	B143	B30X50	323.75	0.0	U7DYB	0.0	U7DYB
3F	B143	B30X50	370.00	0.0	U7DYB	2.793E-02	U7DYB
3F	B143	B30X50	416.25	0.0	U7DYB	3.826E-02	U7DYB
3F	B143	B30X50	462.50	0.0	U7DYB	8.852E-02	U5DYB
3F	B143	B30X50	508.75	0.0	U7DYB	9.716E-02	U5DYB
3F	B143	B30X50	555.00	0.0	U7DYB	0.1	U5DYB
2F	B1	G90X120	60.00	3.392E-02	U5EYA	0.3	U5EXA
2F	B1	G90X120	108.50	3.392E-02	U5EYA	0.3	U5EXA
2F	B1	G90X120	157.00	3.392E-02	U5EYA	0.2	U5DYB
2F	B1	G90X120	205.50	3.392E-02	U5EYA	0.2	U5DYB
2F	B1	G90X120	254.00	3.392E-02	U5EYA	0.2	U5DYB
2F	B1	G90X120	302.50	3.392E-02	U5EYA	0.2	U5DYB
2F	B1	G90X120	351.00	3.392E-02	U5EYA	0.2	U5DYB
2F	B1	G90X120	399.50	3.392E-02	U5EYA	0.2	U5DYB
2F	B1	G90X120	448.00	3.392E-02	U5EYA	0.3	U5EXA
2F	B1	G90X120	496.50	3.392E-02	U5EYA	0.3	U5EXA
2F	B1	G90X120	545.00	3.392E-02	U5EYA	0.3	U5EXA
2F	B2	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B2	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
2F	B2	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B2	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
2F	B2	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B2	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B2	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B2	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
2F	B2	G90X120	447.00	0.0	U7DYB	0.2	U5DYB
2F	B2	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
2F	B2	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B3	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B3	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
2F	B3	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B3	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
2F	B3	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B3	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B3	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B3	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
2F	B3	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B3	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
2F	B3	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B4	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B4	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
2F	B4	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B4	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
2F	B4	G90X120	251.00	0.0	U7DYB	0.2	U5DYB

2F	B4	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B4	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B4	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
2F	B4	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B4	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
2F	B4	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B5	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B5	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
2F	B5	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B5	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
2F	B5	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B5	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B5	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B5	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
2F	B5	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B5	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
2F	B5	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B6	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B6	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
2F	B6	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B6	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
2F	B6	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B6	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B6	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B6	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
2F	B6	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B6	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
2F	B6	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B7	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B7	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
2F	B7	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B7	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
2F	B7	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B7	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B7	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B7	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
2F	B7	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B7	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
2F	B7	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B8	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B8	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
2F	B8	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B8	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
2F	B8	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B8	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B8	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B8	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
2F	B8	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B8	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
2F	B8	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B9	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B9	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
2F	B9	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B9	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
2F	B9	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B9	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B9	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B9	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
2F	B9	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B9	G90X120	496.00	0.0	U7DYB	0.2	U5EXA

2F	B9	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B10	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B10	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
2F	B10	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B10	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
2F	B10	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B10	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B10	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B10	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
2F	B10	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B10	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
2F	B10	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B11	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B11	G90X120	104.00	0.0	U7DYB	0.3	U5EXA
2F	B11	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B11	G90X120	202.00	0.0	U7DYB	0.2	U5EXA
2F	B11	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B11	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B11	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B11	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
2F	B11	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B11	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
2F	B11	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B12	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B12	G90X120	105.00	0.0	U7DYB	0.3	U5EXA
2F	B12	G90X120	155.00	0.0	U7DYB	0.3	U5DYB
2F	B12	G90X120	205.00	0.0	U7DYB	0.3	U5DYB
2F	B12	G90X120	255.00	0.0	U7DYB	0.3	U5DYB
2F	B12	G90X120	305.00	0.0	U7DYB	0.3	U5DYB
2F	B12	G90X120	355.00	0.0	U7DYB	0.3	U5DYB
2F	B12	G90X120	405.00	0.0	U7DYB	0.3	U5DYB
2F	B12	G90X120	455.00	0.0	U7DYB	0.3	U5EXA
2F	B13	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B13	G90X120	103.33	0.0	U7DYB	0.2	U5EXA
2F	B13	G90X120	151.67	0.0	U7DYB	0.2	U5EXA
2F	B13	G90X120	200.00	0.0	U7DYB	0.2	U5EXA
2F	B13	G90X120	248.33	0.0	U7DYB	0.2	U5EXA
2F	B13	G90X120	296.67	0.0	U7DYB	0.2	U5DYB
2F	B13	G90X120	345.00	0.0	U7DYB	0.2	U5DYB
2F	B13	G90X120	393.33	0.0	U7DYB	0.2	U5DYB
2F	B13	G90X120	441.67	0.0	U7DYB	0.2	U5DYB
2F	B13	G90X120	490.00	0.0	U7DYB	0.2	U5DYB
2F	B13	G90X120	538.33	0.0	U7DYB	0.2	U5EXA
2F	B13	G90X120	586.67	0.0	U7DYB	0.2	U5EXA
2F	B13	G90X120	635.00	0.0	U7DYB	0.2	U5EXA
2F	B14	G90X120	55.00	3.525E-02	U5EYA	0.3	U5EXA
2F	B14	G90X120	104.38	3.525E-02	U5EYA	0.2	U5EXA
2F	B14	G90X120	153.75	3.525E-02	U5EYA	0.2	U5EXA
2F	B14	G90X120	203.13	3.525E-02	U5EYA	0.2	U5EXA
2F	B14	G90X120	252.50	3.525E-02	U5EYA	0.2	U5EXA
2F	B14	G90X120	301.88	3.525E-02	U5EYA	0.1	U5EXA
2F	B14	G90X120	351.25	3.525E-02	U5EYA	0.1	U5DYB
2F	B14	G90X120	400.63	3.525E-02	U5EYA	0.1	U5DYB
2F	B14	G90X120	450.00	3.525E-02	U5EYA	0.1	U5DYB
2F	B14	G90X120	499.38	3.525E-02	U5EYA	0.1	U5DYB
2F	B14	G90X120	548.75	3.525E-02	U5EYA	0.1	U5DYB
2F	B14	G90X120	598.13	3.525E-02	U5EYA	0.1	U5DYB
2F	B14	G90X120	647.50	3.525E-02	U5EYA	0.1	U5EXA
2F	B14	G90X120	696.88	3.525E-02	U5EYA	0.2	U5EXA
2F	B14	G90X120	746.25	3.525E-02	U5EYA	0.2	U5EXA

2F	B14	G90X120	795.63	3.525E-02	U5EYA	0.2	U5EXA
2F	B14	G90X120	845.00	3.525E-02	U5EYA	0.2	U5EXA
2F	B15	G60X80	55.00	0.0	U7DYB	0.2	U5EXA
2F	B15	G60X80	102.50	0.0	U7DYB	0.2	U5EXA
2F	B15	G60X80	150.00	0.0	U7DYB	0.1	U5EXA
2F	B15	G60X80	197.50	0.0	U7DYB	0.1	U5DYB
2F	B15	G60X80	245.00	0.0	U7DYB	0.1	U5DYB
2F	B15	G60X80	292.50	0.0	U7DYB	0.1	U5DYB
2F	B15	G60X80	340.00	0.0	U7DYB	9.862E-02	U5DYB
2F	B15	G60X80	387.50	0.0	U7DYB	0.1	U5DYB
2F	B15	G60X80	435.00	0.0	U7DYB	0.1	U5EXA
2F	B15	G60X80	482.50	0.0	U7DYB	0.2	U5EXA
2F	B15	G60X80	530.00	0.0	U7DYB	0.2	U5EXA
2F	B15	G60X80	577.50	0.0	U7DYB	0.2	U5EXA
2F	B15	G60X80	625.00	0.0	U7DYB	0.2	U5EXA
2F	B16	G60X80	45.00	0.0	U7DYB	0.3	U5EXA
2F	B16	G60X80	94.38	0.0	U7DYB	0.2	U5EXA
2F	B16	G60X80	143.75	0.0	U7DYB	0.2	U5EXA
2F	B16	G60X80	193.13	0.0	U7DYB	0.2	U5EXA
2F	B16	G60X80	242.50	0.0	U7DYB	0.2	U5EXA
2F	B16	G60X80	291.88	0.0	U7DYB	0.1	U5DYB
2F	B16	G60X80	341.25	0.0	U7DYB	0.1	U5DYB
2F	B16	G60X80	390.63	0.0	U7DYB	9.800E-02	U5DYB
2F	B16	G60X80	440.00	0.0	U7DYB	9.238E-02	U5DYB
2F	B16	G60X80	489.38	0.0	U7DYB	9.519E-02	U5DYB
2F	B16	G60X80	538.75	0.0	U7DYB	0.1	U5DYB
2F	B16	G60X80	588.13	0.0	U7DYB	0.1	U5DYB
2F	B16	G60X80	637.50	0.0	U7DYB	0.1	U5DYB
2F	B16	G60X80	686.88	0.0	U7DYB	0.2	U5EXA
2F	B16	G60X80	736.25	0.0	U7DYB	0.2	U5EXA
2F	B16	G60X80	785.63	0.0	U7DYB	0.2	U5EXA
2F	B16	G60X80	835.00	0.0	U7DYB	0.2	U5EXA
2F	B17	G90X120	60.00	3.946E-02	U5EXA	0.4	U5EYA
2F	B17	G90X120	106.38	3.946E-02	U5EXA	0.4	U5EYA
2F	B17	G90X120	152.75	3.946E-02	U5EXA	0.4	U5EYA
2F	B17	G90X120	199.13	3.946E-02	U5EXA	0.3	U5EYA
2F	B17	G90X120	245.50	3.946E-02	U5EXA	0.3	U5EYA
2F	B17	G90X120	291.88	3.946E-02	U5EXA	0.3	U5EYA
2F	B17	G90X120	338.25	3.946E-02	U5EXA	0.3	U5EYA
2F	B17	G90X120	384.63	3.946E-02	U5EXA	0.2	U5DYB
2F	B17	G90X120	431.00	3.946E-02	U5EXA	0.2	U5DYB
2F	B17	G90X120	477.38	3.946E-02	U5EXA	0.2	U5DYB
2F	B17	G90X120	523.75	3.946E-02	U5EXA	0.2	U5DYB
2F	B17	G90X120	523.75	2.869E-02	U5EXA	0.2	U5DYB
2F	B17	G90X120	569.38	2.869E-02	U5EXA	0.2	U5DYB
2F	B17	G90X120	615.00	2.869E-02	U5EXA	0.2	U5DYB
2F	B17	G90X120	660.63	2.869E-02	U5EXA	0.2	U5DYB
2F	B17	G90X120	706.25	2.869E-02	U5EXA	0.3	U5EYA
2F	B17	G90X120	751.88	2.869E-02	U5EXA	0.3	U5EYA
2F	B17	G90X120	797.50	2.869E-02	U5EXA	0.3	U5EYA
2F	B17	G90X120	843.13	2.869E-02	U5EXA	0.4	U5EYA
2F	B17	G90X120	888.75	2.869E-02	U5EXA	0.4	U5EYA
2F	B17	G90X120	934.38	2.869E-02	U5EXA	0.4	U5EYA
2F	B17	G90X120	980.00	2.869E-02	U5EXA	0.4	U5EYA
2F	B18	G70X90	45.00	4.565E-02	U5EXA	0.5	U5EYA
2F	B18	G70X90	92.88	4.565E-02	U5EXA	0.4	U5EYA
2F	B18	G70X90	140.75	4.565E-02	U5EXA	0.4	U5EYA
2F	B18	G70X90	188.63	4.565E-02	U5EXA	0.4	U5EYA
2F	B18	G70X90	236.50	4.565E-02	U5EXA	0.4	U5EYA
2F	B18	G70X90	284.38	4.565E-02	U5EXA	0.4	U5EYA
2F	B18	G70X90	332.25	4.565E-02	U5EXA	0.3	U5EYA

2F	B18	G70X90	380.13	4.565E-02	U5EXA	0.3	U5DYB
2F	B18	G70X90	428.00	4.565E-02	U5EXA	0.3	U5DYB
2F	B18	G70X90	475.88	4.565E-02	U5EXA	0.3	U5DYB
2F	B18	G70X90	523.75	4.565E-02	U5EXA	0.3	U5EYA
2F	B18	G70X90	523.75	4.681E-02	U5EXA	0.3	U5EYA
2F	B18	G70X90	569.38	4.681E-02	U5EXA	0.3	U5EYA
2F	B18	G70X90	615.00	4.681E-02	U5EXA	0.4	U5EYA
2F	B18	G70X90	660.63	4.681E-02	U5EXA	0.4	U5EYA
2F	B18	G70X90	706.25	4.681E-02	U5EXA	0.4	U5EYA
2F	B18	G70X90	751.88	4.681E-02	U5EXA	0.4	U5EYA
2F	B18	G70X90	797.50	4.681E-02	U5EXA	0.4	U5EYA
2F	B18	G70X90	843.13	4.681E-02	U5EXA	0.4	U5EYA
2F	B18	G70X90	888.75	4.681E-02	U5EXA	0.5	U5EYA
2F	B18	G70X90	934.38	4.681E-02	U5EXA	0.5	U5EYA
2F	B18	G70X90	980.00	4.681E-02	U5EXA	0.5	U5EYA
2F	B19	G70X90	45.00	7.883E-02	U5EXA	0.4	U5EYA
2F	B19	G70X90	92.88	7.883E-02	U5EXA	0.4	U5EYA
2F	B19	G70X90	140.75	7.883E-02	U5EXA	0.4	U5EYA
2F	B19	G70X90	188.63	7.883E-02	U5EXA	0.3	U5EYA
2F	B19	G70X90	236.50	7.883E-02	U5EXA	0.3	U5EYA
2F	B19	G70X90	284.38	7.883E-02	U5EXA	0.3	U5EYA
2F	B19	G70X90	332.25	7.883E-02	U5EXA	0.2	U5DYB
2F	B19	G70X90	380.13	7.883E-02	U5EXA	0.2	U5DYB
2F	B19	G70X90	428.00	7.883E-02	U5EXA	0.2	U5DYB
2F	B19	G70X90	475.88	7.883E-02	U5EXA	0.2	U5DYB
2F	B19	G70X90	523.75	7.883E-02	U5EXA	0.2	U5DYB
2F	B19	G70X90	523.75	8.087E-02	U5EXA	0.2	U5DYB
2F	B19	G70X90	569.38	8.087E-02	U5EXA	0.2	U5DYB
2F	B19	G70X90	615.00	8.087E-02	U5EXA	0.2	U5DYB
2F	B19	G70X90	660.63	8.087E-02	U5EXA	0.3	U5EYA
2F	B19	G70X90	706.25	8.087E-02	U5EXA	0.3	U5EYA
2F	B19	G70X90	751.88	8.087E-02	U5EXA	0.3	U5EYA
2F	B19	G70X90	797.50	8.087E-02	U5EXA	0.3	U5EYA
2F	B19	G70X90	843.13	8.087E-02	U5EXA	0.4	U5EYA
2F	B19	G70X90	888.75	8.087E-02	U5EXA	0.4	U5EYA
2F	B19	G70X90	934.38	8.087E-02	U5EXA	0.4	U5EYA
2F	B19	G70X90	980.00	8.087E-02	U5EXA	0.4	U5EYA
2F	B20	B60X80	0.00	0.0	U7DYB	0.1	U5DYB
2F	B20	B60X80	47.86	0.0	U7DYB	0.1	U5DYB
2F	B20	B60X80	95.71	0.0	U7DYB	0.1	U5DYB
2F	B20	B60X80	143.57	0.0	U7DYB	0.1	U5DYB
2F	B20	B60X80	191.43	0.0	U7DYB	9.855E-02	U5DYB
2F	B20	B60X80	239.29	0.0	U7DYB	8.958E-02	U5DYB
2F	B20	B60X80	287.14	0.0	U7DYB	7.905E-02	U5DYB
2F	B20	B60X80	335.00	0.0	U7DYB	7.447E-02	U5DYB
2F	B20	B60X80	382.86	0.0	U7DYB	8.514E-02	U5DYB
2F	B20	B60X80	430.71	0.0	U7DYB	9.567E-02	U5DYB
2F	B20	B60X80	478.57	0.0	U7DYB	0.1	U5DYB
2F	B20	B60X80	526.43	0.0	U7DYB	0.1	U5EXA
2F	B20	B60X80	574.29	0.0	U7DYB	0.2	U5EXA
2F	B20	B60X80	622.14	0.0	U7DYB	0.2	U5EXA
2F	B20	B60X80	670.00	0.0	U7DYB	0.2	U5EXA
2F	B21	B60X80	0.00	0.0	U7DYB	0.3	U5EXA
2F	B21	B60X80	43.12	0.0	U7DYB	0.3	U5EXA
2F	B21	B60X80	86.25	0.0	U7DYB	0.3	U5EXA
2F	B21	B60X80	129.38	0.0	U7DYB	0.2	U5EXA
2F	B21	B60X80	172.50	0.0	U7DYB	0.2	U5EXA
2F	B21	B60X80	172.50	0.0	U7DYB	8.390E-02	U7EXA
2F	B21	B60X80	222.50	0.0	U7DYB	7.592E-02	U7EXA
2F	B21	B60X80	272.50	0.0	U7DYB	6.931E-02	U7DYB
2F	B21	B60X80	322.50	0.0	U7DYB	6.931E-02	U7DYB
2F	B21	B60X80	372.50	0.0	U7DYB	6.931E-02	U7DYB

2F	B21	B60X80	422.50	0.0	U7DYB	6.931E-02	U7DYB
2F	B21	B60X80	422.50	0.0	U7DYB	6.931E-02	U7DYB
2F	B21	B60X80	468.25	0.0	U7DYB	6.931E-02	U7DYB
2F	B21	B60X80	514.00	0.0	U7DYB	6.931E-02	U7DYB
2F	B21	B60X80	559.75	0.0	U7DYB	6.931E-02	U7DYB
2F	B21	B60X80	605.50	0.0	U7DYB	6.931E-02	U7DYB
2F	B21	B60X80	651.25	0.0	U7DYB	6.931E-02	U7DYB
2F	B21	B60X80	697.00	0.0	U7DYB	7.070E-02	U7EXA
2F	B21	B60X80	742.75	0.0	U7DYB	8.007E-02	U7EXA
2F	B21	B60X80	788.50	0.0	U7DYB	8.751E-02	U7EXA
2F	B21	B60X80	834.25	0.0	U7DYB	9.302E-02	U7EXA
2F	B21	B60X80	880.00	0.0	U7DYB	9.659E-02	U7EXA
2F	B22	B30X50	0.00	0.0	U7DYB	9.155E-02	U5DYB
2F	B22	B30X50	45.57	0.0	U7DYB	8.562E-02	U5DYB
2F	B22	B30X50	91.14	0.0	U7DYB	3.133E-02	U7DYB
2F	B22	B30X50	136.70	0.0	U7DYB	2.271E-02	U7DYB
2F	B22	B30X50	182.27	0.0	U7DYB	0.0	U7DYB
2F	B22	B30X50	227.84	0.0	U7DYB	0.0	U7DYB
2F	B22	B30X50	273.41	0.0	U7DYB	0.0	U7DYB
2F	B22	B30X50	318.98	0.0	U7DYB	0.0	U7DYB
2F	B22	B30X50	364.55	0.0	U7DYB	2.271E-02	U7DYB
2F	B22	B30X50	410.11	0.0	U7DYB	3.133E-02	U7DYB
2F	B22	B30X50	455.68	0.0	U7DYB	8.562E-02	U5DYB
2F	B22	B30X50	501.25	0.0	U7DYB	9.155E-02	U5DYB
2F	B23	B30X50	0.00	0.0	U7DYB	0.1	U5DYB
2F	B23	B30X50	45.57	0.0	U7DYB	0.1	U5DYB
2F	B23	B30X50	91.14	0.0	U7DYB	4.191E-02	U7DYB
2F	B23	B30X50	136.70	0.0	U7DYB	3.228E-02	U7DYB
2F	B23	B30X50	182.27	0.0	U7DYB	0.0	U7DYB
2F	B23	B30X50	227.84	0.0	U7DYB	0.0	U7DYB
2F	B23	B30X50	273.41	0.0	U7DYB	0.0	U7DYB
2F	B23	B30X50	318.98	0.0	U7DYB	0.0	U7DYB
2F	B23	B30X50	364.55	0.0	U7DYB	3.228E-02	U7DYB
2F	B23	B30X50	410.11	0.0	U7DYB	4.191E-02	U7DYB
2F	B23	B30X50	455.68	0.0	U7DYB	0.1	U5DYB
2F	B23	B30X50	501.25	0.0	U7DYB	0.1	U5DYB
2F	B24G100X150-C		60.00	0.0	U7DYB	0.5	U5EYA
2F	B24G100X150-C		109.49	0.0	U7DYB	0.4	U5EYA
2F	B24G100X150-C		158.97	0.0	U7DYB	0.4	U5EYA
2F	B24G100X150-C		208.46	0.0	U7DYB	0.4	U5EYA
2F	B24G100X150-C		257.95	0.0	U7DYB	0.4	U5EYA
2F	B24G100X150-C		307.44	0.0	U7DYB	0.4	U5EYA
2F	B24G100X150-C		356.92	0.0	U7DYB	0.3	U5EYA
2F	B24G100X150-C		406.41	0.0	U7DYB	0.3	U5EYA
2F	B24G100X150-C		455.90	0.0	U7DYB	0.3	U5EYA
2F	B24G100X150-C		505.38	0.0	U7DYB	0.3	U5EYA
2F	B24G100X150-C		554.87	0.0	U7DYB	0.3	U5EYA
2F	B24G100X150-C		604.36	0.0	U7DYB	0.3	U5EYA
2F	B24G100X150-C		653.85	0.0	U7DYB	0.2	U7EYA
2F	B24G100X150-C		703.33	0.0	U7DYB	0.2	U5DYB
2F	B24G100X150-C		752.82	0.0	U7DYB	0.2	U5DYB
2F	B24G100X150-C		802.31	0.0	U7DYB	0.2	U5DYB
2F	B24G100X150-C		851.79	0.0	U7DYB	0.2	U5DYB
2F	B24G100X150-C		901.28	0.0	U7DYB	0.2	U5DYB
2F	B24G100X150-C		950.77	0.0	U7DYB	0.2	U5DYB
2F	B24G100X150-C		1000.26	0.0	U7DYB	0.2	U5DYB
2F	B24G100X150-C		1049.74	0.0	U7DYB	0.2	U5DYB
2F	B24G100X150-C		1099.23	0.0	U7DYB	0.2	U5DYB
2F	B24G100X150-C		1148.72	0.0	U7DYB	0.2	U5DYB
2F	B24G100X150-C		1198.21	0.0	U7DYB	0.2	U5DYB
2F	B24G100X150-C		1247.69	0.0	U7DYB	0.2	U5DYB
2F	B24G100X150-C		1297.18	0.0	U7DYB	0.2	U5DYB

2F	B24G100X150-C	1346.67	0.0	U7DYB	0.2	U7EYA
2F	B24G100X150-C	1396.15	0.0	U7DYB	0.3	U5EYA
2F	B24G100X150-C	1445.64	0.0	U7DYB	0.3	U5EYA
2F	B24G100X150-C	1495.13	0.0	U7DYB	0.3	U5EYA
2F	B24G100X150-C	1544.62	0.0	U7DYB	0.3	U5EYA
2F	B24G100X150-C	1594.10	0.0	U7DYB	0.3	U5EYA
2F	B24G100X150-C	1643.59	0.0	U7DYB	0.4	U5EYA
2F	B24G100X150-C	1693.08	0.0	U7DYB	0.4	U5EYA
2F	B24G100X150-C	1742.56	0.0	U7DYB	0.4	U5EYA
2F	B24G100X150-C	1792.05	0.0	U7DYB	0.4	U5EYA
2F	B24G100X150-C	1841.54	0.0	U7DYB	0.4	U5EYA
2F	B24G100X150-C	1891.03	0.0	U7DYB	0.5	U5EYA
2F	B24G100X150-C	1940.51	0.0	U7DYB	0.5	U5EYA
2F	B24G100X150-C	1990.00	0.0	U7DYB	0.5	U5EYA

2F	B53	G60X80	45.00	1.759E-02	U7EYA	0.1 U5DYB
2F	B53	G60X80	93.33	1.759E-02	U7EYA	0.1 U5DYB
2F	B53	G60X80	141.67	1.759E-02	U7EYA	0.1 U5DYB
2F	B53	G60X80	190.00	1.759E-02	U7EYA	0.1 U5DYB
2F	B53	G60X80	238.33	1.759E-02	U7EYA	0.1 U5DYB
2F	B53	G60X80	286.67	1.759E-02	U7EYA	0.1 U5DYB
2F	B53	G60X80	335.00	1.759E-02	U7EYA	0.1 U5DYB
2F	B53	G60X80	383.33	1.759E-02	U7EYA	0.1 U5DYB
2F	B53	G60X80	431.67	1.759E-02	U7EYA	0.1 U5EXA
2F	B53	G60X80	480.00	1.759E-02	U7EYA	0.2 U5EXA
2F	B53	G60X80	528.33	1.759E-02	U7EYA	0.2 U5EXA
2F	B53	G60X80	576.67	1.759E-02	U7EYA	0.2 U5EXA
2F	B53	G60X80	625.00	1.759E-02	U7EYA	0.2 U5EXA

2F	B54	G60X80	45.00	0.0	U7DYB	0.3 U5EXA
2F	B54	G60X80	87.50	0.0	U7DYB	0.2 U5EXA
2F	B54	G60X80	130.00	0.0	U7DYB	0.2 U5EXA
2F	B54	G60X80	172.50	0.0	U7DYB	0.2 U5EXA
2F	B54	G60X80	172.50	0.0	U7DYB	0.1 U5DYB
2F	B54	G60X80	222.50	0.0	U7DYB	0.1 U5DYB
2F	B54	G60X80	272.50	0.0	U7DYB	0.1 U5DYB
2F	B54	G60X80	322.50	0.0	U7DYB	0.1 U5DYB
2F	B54	G60X80	372.50	0.0	U7DYB	0.1 U5DYB
2F	B54	G60X80	422.50	0.0	U7DYB	0.1 U5DYB
2F	B54	G60X80	422.50	0.0	U7DYB	9.803E-02 U5DYB
2F	B54	G60X80	470.36	0.0	U7DYB	0.1 U5DYB
2F	B54	G60X80	518.21	0.0	U7DYB	0.1 U5DYB
2F	B54	G60X80	566.07	0.0	U7DYB	0.1 U5DYB
2F	B54	G60X80	613.93	0.0	U7DYB	0.1 U5DYB
2F	B54	G60X80	661.79	0.0	U7DYB	0.1 U5DYB
2F	B54	G60X80	709.64	0.0	U7DYB	0.1 U5DYB
2F	B54	G60X80	757.50	0.0	U7DYB	0.1 U5DYB
2F	B54	G60X80	757.50	0.0	U7DYB	0.2 U5EXA
2F	B54	G60X80	796.25	0.0	U7DYB	0.2 U5EXA
2F	B54	G60X80	835.00	0.0	U7DYB	0.2 U5EXA

2F	B57	B30X50	0.00	0.0	U7DYB	5.457E-02 U5DYB
2F	B57	B30X50	50.00	0.0	U7DYB	4.763E-02 U5DYB
2F	B57	B30X50	100.00	0.0	U7DYB	1.420E-02 U7DYB
2F	B57	B30X50	150.00	0.0	U7DYB	0.0 U7DYB
2F	B57	B30X50	200.00	0.0	U7DYB	0.0 U7DYB
2F	B57	B30X50	250.00	0.0	U7DYB	1.420E-02 U7DYB
2F	B57	B30X50	300.00	0.0	U7DYB	4.763E-02 U5DYB
2F	B57	B30X50	350.00	0.0	U7DYB	5.457E-02 U5DYB

2F	B59	B40X60	0.00	0.0	U7DYB	0.2 U5DYB
2F	B59	B40X60	47.34	0.0	U7DYB	0.2 U5DYB
2F	B59	B40X60	94.69	0.0	U7DYB	7.186E-02 U7DYB
2F	B59	B40X60	142.03	0.0	U7DYB	6.356E-02 U7DYB
2F	B59	B40X60	189.38	0.0	U7DYB	5.386E-02 U7DYB

2F	B59	B40X60	236.72	0.0	U7DYB	3.249E-03	U5DYB
2F	B59	B40X60	284.06	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	331.41	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	378.75	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	426.09	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	473.44	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	520.78	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	568.13	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	615.47	0.0	U7DYB	0.0	U7DYB
2F	B59	B40X60	662.81	0.0	U7DYB	4.461E-02	U7DYB
2F	B59	B40X60	710.16	0.0	U7DYB	5.144E-02	U7DYB
2F	B59	B40X60	757.50	0.0	U7DYB	5.681E-02	U7DYB
2F	B59	B40X60	757.50	0.0	U7DYB	0.2	U5DYB
2F	B59	B40X60	798.33	0.0	U7DYB	0.2	U5DYB
2F	B59	B40X60	839.17	0.0	U7DYB	0.2	U5DYB
2F	B59	B40X60	880.00	0.0	U7DYB	0.2	U5DYB
2F	B61	G90X120	45.00	3.062E-02	U5EXA	0.4	U5EYA
2F	B61	G90X120	93.00	3.062E-02	U5EXA	0.4	U5EYA
2F	B61	G90X120	141.00	3.062E-02	U5EXA	0.4	U5EYA
2F	B61	G90X120	189.00	3.062E-02	U5EXA	0.3	U5EYA
2F	B61	G90X120	237.00	3.062E-02	U5EXA	0.3	U5EYA
2F	B61	G90X120	285.00	3.062E-02	U5EXA	0.3	U5EYA
2F	B61	G90X120	333.00	3.062E-02	U5EXA	0.2	U5DYB
2F	B61	G90X120	381.00	3.062E-02	U5EXA	0.2	U5DYB
2F	B61	G90X120	429.00	3.062E-02	U5EXA	0.2	U5DYB
2F	B61	G90X120	477.00	3.062E-02	U5EXA	0.2	U5DYB
2F	B61	G90X120	525.00	3.062E-02	U5EXA	0.2	U5DYB
2F	B61	G90X120	525.00	3.974E-02	U5EXA	0.2	U5DYB
2F	B61	G90X120	573.89	3.974E-02	U5EXA	0.2	U5DYB
2F	B61	G90X120	622.78	3.974E-02	U5EXA	0.2	U5DYB
2F	B61	G90X120	671.67	3.974E-02	U5EXA	0.3	U5EYA
2F	B61	G90X120	720.56	3.974E-02	U5EXA	0.3	U5EYA
2F	B61	G90X120	769.44	3.974E-02	U5EXA	0.3	U5EYA
2F	B61	G90X120	818.33	3.974E-02	U5EXA	0.4	U5EYA
2F	B61	G90X120	867.22	3.974E-02	U5EXA	0.4	U5EYA
2F	B61	G90X120	916.11	3.974E-02	U5EXA	0.4	U5EYA
2F	B61	G90X120	965.00	3.974E-02	U5EXA	0.4	U5EYA
2F	B62	G70X90	45.00	2.772E-02	U5EXA	0.5	U5EYA
2F	B62	G70X90	88.57	2.772E-02	U5EXA	0.5	U5EYA
2F	B62	G70X90	132.14	2.772E-02	U5EXA	0.5	U5EYA
2F	B62	G70X90	175.71	2.772E-02	U5EXA	0.5	U5EYA
2F	B62	G70X90	219.29	2.772E-02	U5EXA	0.4	U5EYA
2F	B62	G70X90	262.86	2.772E-02	U5EXA	0.4	U5EYA
2F	B62	G70X90	306.43	2.772E-02	U5EXA	0.4	U5EYA
2F	B62	G70X90	350.00	2.772E-02	U5EXA	0.4	U5EYA
2F	B62	G70X90	350.00	2.772E-02	U5EXA	0.2	U5DYB
2F	B62	G70X90	393.75	2.772E-02	U5EXA	0.2	U5DYB
2F	B62	G70X90	437.50	2.772E-02	U5EXA	0.2	U5DYB
2F	B62	G70X90	481.25	2.772E-02	U5EXA	0.2	U5DYB
2F	B62	G70X90	525.00	2.772E-02	U5EXA	0.2	U5DYB
2F	B62	G70X90	525.00	2.851E-02	U5EXA	0.3	U5DYB
2F	B62	G70X90	570.50	2.851E-02	U5EXA	0.3	U5DYB
2F	B62	G70X90	616.00	2.851E-02	U5EXA	0.3	U5DYB
2F	B62	G70X90	661.50	2.851E-02	U5EXA	0.3	U5DYB
2F	B62	G70X90	707.00	2.851E-02	U5EXA	0.3	U5EYA
2F	B62	G70X90	752.50	2.851E-02	U5EXA	0.4	U5EYA
2F	B62	G70X90	798.00	2.851E-02	U5EXA	0.4	U5EYA
2F	B62	G70X90	843.50	2.851E-02	U5EXA	0.4	U5EYA
2F	B62	G70X90	889.00	2.851E-02	U5EXA	0.4	U5EYA
2F	B62	G70X90	934.50	2.851E-02	U5EXA	0.5	U5EYA
2F	B62	G70X90	980.00	2.851E-02	U5EXA	0.5	U5EYA
2F	B63	G70X90	45.00	5.524E-02	U5EXA	0.4	U5EYA

2F	B63	G70X90	88.57	5.524E-02	U5EXA	0.4	U5EYA
2F	B63	G70X90	132.14	5.524E-02	U5EXA	0.4	U5EYA
2F	B63	G70X90	175.71	5.524E-02	U5EXA	0.4	U5EYA
2F	B63	G70X90	219.29	5.524E-02	U5EXA	0.4	U5EYA
2F	B63	G70X90	262.86	5.524E-02	U5EXA	0.3	U5EYA
2F	B63	G70X90	306.43	5.524E-02	U5EXA	0.3	U5EYA
2F	B63	G70X90	350.00	5.524E-02	U5EXA	0.3	U5EYA
2F	B63	G70X90	350.00	5.524E-02	U5EXA	0.2	U5DYB
2F	B63	G70X90	393.75	5.524E-02	U5EXA	0.2	U5DYB
2F	B63	G70X90	437.50	5.524E-02	U5EXA	0.2	U5DYB
2F	B63	G70X90	481.25	5.524E-02	U5EXA	0.2	U5DYB
2F	B63	G70X90	525.00	5.524E-02	U5EXA	0.2	U5DYB
2F	B63	G70X90	525.00	5.715E-02	U5EXA	0.2	U5DYB
2F	B63	G70X90	570.50	5.715E-02	U5EXA	0.2	U5DYB
2F	B63	G70X90	616.00	5.715E-02	U5EXA	0.2	U5DYB
2F	B63	G70X90	661.50	5.715E-02	U5EXA	0.2	U5DYB
2F	B63	G70X90	707.00	5.715E-02	U5EXA	0.3	U5EYA
2F	B63	G70X90	752.50	5.715E-02	U5EXA	0.3	U5EYA
2F	B63	G70X90	798.00	5.715E-02	U5EXA	0.3	U5EYA
2F	B63	G70X90	843.50	5.715E-02	U5EXA	0.3	U5EYA
2F	B63	G70X90	889.00	5.715E-02	U5EXA	0.4	U5EYA
2F	B63	G70X90	934.50	5.715E-02	U5EXA	0.4	U5EYA
2F	B63	G70X90	980.00	5.715E-02	U5EXA	0.4	U5EYA

2F	B64	B60X80	0.00	0.0	U7DYB	0.1	U5EXA
2F	B64	B60X80	47.86	0.0	U7DYB	0.1	U5DYB
2F	B64	B60X80	95.71	0.0	U7DYB	0.1	U5DYB
2F	B64	B60X80	143.57	0.0	U7DYB	0.1	U5DYB
2F	B64	B60X80	191.43	0.0	U7DYB	9.553E-02	U5DYB
2F	B64	B60X80	239.29	0.0	U7DYB	8.656E-02	U5DYB
2F	B64	B60X80	287.14	0.0	U7DYB	7.604E-02	U5DYB
2F	B64	B60X80	335.00	0.0	U7DYB	6.545E-02	U5DYB
2F	B64	B60X80	382.86	0.0	U7DYB	7.612E-02	U5DYB
2F	B64	B60X80	430.71	0.0	U7DYB	8.664E-02	U5DYB
2F	B64	B60X80	478.57	0.0	U7DYB	9.561E-02	U5DYB
2F	B64	B60X80	526.43	0.0	U7DYB	0.1	U5EXA
2F	B64	B60X80	574.29	0.0	U7DYB	0.2	U5EXA
2F	B64	B60X80	622.14	0.0	U7DYB	0.2	U5EXA
2F	B64	B60X80	670.00	0.0	U7DYB	0.2	U5EXA

2F	B65	B60X80	0.00	0.0	U7DYB	0.2	U5EXA
2F	B65	B60X80	48.89	0.0	U7DYB	0.2	U5EXA
2F	B65	B60X80	97.78	0.0	U7DYB	0.2	U5EXA
2F	B65	B60X80	146.67	0.0	U7DYB	0.2	U5EXA
2F	B65	B60X80	195.56	0.0	U7DYB	6.586E-02	U7EXA
2F	B65	B60X80	244.44	0.0	U7DYB	5.614E-02	U7EXA
2F	B65	B60X80	293.33	0.0	U7DYB	5.162E-02	U7DYB
2F	B65	B60X80	342.22	0.0	U7DYB	5.162E-02	U7DYB
2F	B65	B60X80	391.11	0.0	U7DYB	5.162E-02	U7DYB
2F	B65	B60X80	440.00	0.0	U7DYB	5.162E-02	U7DYB
2F	B65	B60X80	488.89	0.0	U7DYB	5.162E-02	U7DYB
2F	B65	B60X80	537.78	0.0	U7DYB	5.162E-02	U7DYB
2F	B65	B60X80	586.67	0.0	U7DYB	5.162E-02	U7DYB
2F	B65	B60X80	635.56	0.0	U7DYB	5.162E-02	U7DYB
2F	B65	B60X80	684.44	0.0	U7DYB	5.162E-02	U7DYB
2F	B65	B60X80	733.33	0.0	U7DYB	5.643E-02	U7EXA
2F	B65	B60X80	782.22	0.0	U7DYB	6.395E-02	U7EXA
2F	B65	B60X80	831.11	0.0	U7DYB	7.002E-02	U7EXA
2F	B65	B60X80	880.00	0.0	U7DYB	0.2	U5EXA

2F	B80	G60X80	55.00	0.0	U7DYB	0.2	U5EXA
2F	B80	G60X80	102.50	0.0	U7DYB	0.1	U5DYB
2F	B80	G60X80	150.00	0.0	U7DYB	0.1	U5DYB
2F	B80	G60X80	197.50	0.0	U7DYB	0.1	U5DYB
2F	B80	G60X80	245.00	0.0	U7DYB	0.1	U5DYB

2F	B80	G60X80	292.50	0.0	U7DYB	0.1	U5DYB
2F	B80	G60X80	340.00	0.0	U7DYB	0.1	U5DYB
2F	B80	G60X80	387.50	0.0	U7DYB	0.1	U5DYB
2F	B80	G60X80	435.00	0.0	U7DYB	0.1	U5DYB
2F	B80	G60X80	482.50	0.0	U7DYB	0.2	U5EXA
2F	B80	G60X80	530.00	0.0	U7DYB	0.2	U5EXA
2F	B80	G60X80	577.50	0.0	U7DYB	0.2	U5EXA
2F	B80	G60X80	625.00	0.0	U7DYB	0.3	U5EXA
2F	B81	G60X80	45.00	0.0	U7DYB	0.2	U5EXA
2F	B81	G60X80	92.88	0.0	U7DYB	0.2	U5EXA
2F	B81	G60X80	140.77	0.0	U7DYB	0.2	U5EXA
2F	B81	G60X80	188.65	0.0	U7DYB	0.1	U5DYB
2F	B81	G60X80	236.54	0.0	U7DYB	0.1	U5DYB
2F	B81	G60X80	284.42	0.0	U7DYB	0.1	U5DYB
2F	B81	G60X80	332.31	0.0	U7DYB	0.1	U5DYB
2F	B81	G60X80	380.19	0.0	U7DYB	0.1	U5DYB
2F	B81	G60X80	428.08	0.0	U7DYB	9.366E-02	U5DYB
2F	B81	G60X80	475.96	0.0	U7DYB	9.706E-02	U5DYB
2F	B81	G60X80	523.85	0.0	U7DYB	0.1	U5DYB
2F	B81	G60X80	571.73	0.0	U7DYB	0.1	U5DYB
2F	B81	G60X80	619.62	0.0	U7DYB	0.1	U5DYB
2F	B81	G60X80	667.50	0.0	U7DYB	0.1	U5DYB
2F	B81	G60X80	667.50	0.0	U7DYB	0.2	U5EXA
2F	B81	G60X80	709.38	0.0	U7DYB	0.2	U5EXA
2F	B81	G60X80	751.25	0.0	U7DYB	0.2	U5EXA
2F	B81	G60X80	793.13	0.0	U7DYB	0.2	U5EXA
2F	B81	G60X80	835.00	0.0	U7DYB	0.3	U5EXA
2F	B82	B30X50	0.00	0.0	U7DYB	0.1	U5DYB
2F	B82	B30X50	45.80	0.0	U7DYB	0.1	U5DYB
2F	B82	B30X50	91.59	0.0	U7DYB	4.040E-02	U7DYB
2F	B82	B30X50	137.39	0.0	U7DYB	3.101E-02	U7DYB
2F	B82	B30X50	183.18	0.0	U7DYB	0.0	U7DYB
2F	B82	B30X50	228.98	0.0	U7DYB	0.0	U7DYB
2F	B82	B30X50	274.77	0.0	U7DYB	0.0	U7DYB
2F	B82	B30X50	320.57	0.0	U7DYB	0.0	U7DYB
2F	B82	B30X50	366.36	0.0	U7DYB	3.101E-02	U7DYB
2F	B82	B30X50	412.16	0.0	U7DYB	4.040E-02	U7DYB
2F	B82	B30X50	457.95	0.0	U7DYB	0.1	U5DYB
2F	B82	B30X50	503.75	0.0	U7DYB	0.1	U5DYB
2F	B83	B60X80	0.00	0.0	U7DYB	0.1	U5DYB
2F	B83	B60X80	47.86	0.0	U7DYB	0.1	U5DYB
2F	B83	B60X80	95.71	0.0	U7DYB	0.1	U5DYB
2F	B83	B60X80	143.57	0.0	U7DYB	0.1	U5DYB
2F	B83	B60X80	191.43	0.0	U7DYB	9.842E-02	U5DYB
2F	B83	B60X80	239.29	0.0	U7DYB	8.946E-02	U5DYB
2F	B83	B60X80	287.14	0.0	U7DYB	7.882E-02	U5DYB
2F	B83	B60X80	335.00	0.0	U7DYB	7.411E-02	U5DYB
2F	B83	B60X80	382.86	0.0	U7DYB	8.504E-02	U5DYB
2F	B83	B60X80	430.71	0.0	U7DYB	9.568E-02	U5DYB
2F	B83	B60X80	478.57	0.0	U7DYB	0.1	U5DYB
2F	B83	B60X80	526.43	0.0	U7DYB	0.1	U5EXA
2F	B83	B60X80	574.29	0.0	U7DYB	0.2	U5EXA
2F	B83	B60X80	622.14	0.0	U7DYB	0.2	U5EXA
2F	B83	B60X80	670.00	0.0	U7DYB	0.2	U5EXA
2F	B84	B60X80	0.00	0.0	U7DYB	0.2	U5EXA
2F	B84	B60X80	47.68	0.0	U7DYB	0.2	U5EXA
2F	B84	B60X80	95.36	0.0	U7DYB	0.2	U5EXA
2F	B84	B60X80	143.04	0.0	U7DYB	0.2	U5EXA
2F	B84	B60X80	190.71	0.0	U7DYB	8.876E-02	U7EXA
2F	B84	B60X80	238.39	0.0	U7DYB	7.660E-02	U7EXA
2F	B84	B60X80	286.07	0.0	U7DYB	6.761E-02	U7DYB

2F	B84	B60X80	333.75	0.0	U7DYB	6.761E-02	U7DYB
2F	B84	B60X80	381.43	0.0	U7DYB	6.761E-02	U7DYB
2F	B84	B60X80	429.11	0.0	U7DYB	6.761E-02	U7DYB
2F	B84	B60X80	476.79	0.0	U7DYB	6.761E-02	U7DYB
2F	B84	B60X80	524.46	0.0	U7DYB	6.761E-02	U7DYB
2F	B84	B60X80	572.14	0.0	U7DYB	6.761E-02	U7DYB
2F	B84	B60X80	619.82	0.0	U7DYB	6.761E-02	U7DYB
2F	B84	B60X80	667.50	0.0	U7DYB	6.761E-02	U7DYB
2F	B84	B60X80	667.50	0.0	U7DYB	7.561E-02	U7EXA
2F	B84	B60X80	710.00	0.0	U7DYB	8.220E-02	U7EXA
2F	B84	B60X80	752.50	0.0	U7DYB	8.879E-02	U7EXA
2F	B84	B60X80	795.00	0.0	U7DYB	0.2	U5EXA
2F	B84	B60X80	837.50	0.0	U7DYB	0.2	U5EXA
2F	B84	B60X80	880.00	0.0	U7DYB	0.2	U5EXA
2F	B85	G90X120	60.00	3.837E-02	U5EXA	0.4	U5EYA
2F	B85	G90X120	109.31	3.837E-02	U5EXA	0.4	U5EYA
2F	B85	G90X120	158.61	3.837E-02	U5EXA	0.4	U5EYA
2F	B85	G90X120	207.92	3.837E-02	U5EXA	0.3	U5EYA
2F	B85	G90X120	257.22	3.837E-02	U5EXA	0.3	U5EYA
2F	B85	G90X120	306.53	3.837E-02	U5EXA	0.3	U5EYA
2F	B85	G90X120	355.83	3.837E-02	U5EXA	0.2	U5EYA
2F	B85	G90X120	405.14	3.837E-02	U5EXA	0.2	U5DYB
2F	B85	G90X120	454.44	3.837E-02	U5EXA	0.2	U5DYB
2F	B85	G90X120	503.75	3.837E-02	U5EXA	0.2	U5DYB
2F	B85	G90X120	503.75	2.743E-02	U5EXA	0.2	U5DYB
2F	B85	G90X120	549.32	2.743E-02	U5EXA	0.2	U5DYB
2F	B85	G90X120	594.89	2.743E-02	U5EXA	0.2	U5DYB
2F	B85	G90X120	640.45	2.743E-02	U5EXA	0.2	U5DYB
2F	B85	G90X120	686.02	2.743E-02	U5EXA	0.2	U5DYB
2F	B85	G90X120	731.59	2.743E-02	U5EXA	0.3	U5EYA
2F	B85	G90X120	777.16	2.743E-02	U5EXA	0.3	U5EYA
2F	B85	G90X120	822.73	2.743E-02	U5EXA	0.3	U5EYA
2F	B85	G90X120	868.30	2.743E-02	U5EXA	0.3	U5EYA
2F	B85	G90X120	913.86	2.743E-02	U5EXA	0.4	U5EYA
2F	B85	G90X120	959.43	2.743E-02	U5EXA	0.4	U5EYA
2F	B85	G90X120	1005.00	2.743E-02	U5EXA	0.4	U5EYA
2F	B86	G70X90	45.00	4.321E-02	U5EXA	0.5	U5EYA
2F	B86	G70X90	90.88	4.321E-02	U5EXA	0.5	U5EYA
2F	B86	G70X90	136.75	4.321E-02	U5EXA	0.4	U5EYA
2F	B86	G70X90	182.63	4.321E-02	U5EXA	0.4	U5EYA
2F	B86	G70X90	228.50	4.321E-02	U5EXA	0.4	U5EYA
2F	B86	G70X90	274.38	4.321E-02	U5EXA	0.4	U5EYA
2F	B86	G70X90	320.25	4.321E-02	U5EXA	0.4	U5EYA
2F	B86	G70X90	366.13	4.321E-02	U5EXA	0.3	U5EYA
2F	B86	G70X90	412.00	4.321E-02	U5EXA	0.3	U5DYB
2F	B86	G70X90	457.88	4.321E-02	U5EXA	0.3	U5DYB
2F	B86	G70X90	503.75	4.321E-02	U5EXA	0.3	U5EYA
2F	B86	G70X90	503.75	3.938E-02	U5EXA	0.3	U5DYB
2F	B86	G70X90	549.32	3.938E-02	U5EXA	0.3	U5DYB
2F	B86	G70X90	594.89	3.938E-02	U5EXA	0.3	U5DYB
2F	B86	G70X90	640.45	3.938E-02	U5EXA	0.3	U5DYB
2F	B86	G70X90	686.02	3.938E-02	U5EXA	0.3	U5DYB
2F	B86	G70X90	731.59	3.938E-02	U5EXA	0.3	U5EYA
2F	B86	G70X90	777.16	3.938E-02	U5EXA	0.4	U5EYA
2F	B86	G70X90	822.73	3.938E-02	U5EXA	0.4	U5EYA
2F	B86	G70X90	868.30	3.938E-02	U5EXA	0.4	U5EYA
2F	B86	G70X90	913.86	3.938E-02	U5EXA	0.4	U5EYA
2F	B86	G70X90	959.43	3.938E-02	U5EXA	0.5	U5EYA
2F	B86	G70X90	1005.00	3.938E-02	U5EXA	0.5	U5EYA
2F	B87	G70X90	45.00	8.274E-02	U5EXA	0.4	U5EYA
2F	B87	G70X90	90.88	8.274E-02	U5EXA	0.4	U5EYA
2F	B87	G70X90	136.75	8.274E-02	U5EXA	0.4	U5EYA

2F	B87	G70X90	182.63	8.274E-02	U5EXA	0.3	U5EYA
2F	B87	G70X90	228.50	8.274E-02	U5EXA	0.3	U5EYA
2F	B87	G70X90	274.38	8.274E-02	U5EXA	0.3	U5EYA
2F	B87	G70X90	320.25	8.274E-02	U5EXA	0.3	U5EYA
2F	B87	G70X90	366.13	8.274E-02	U5EXA	0.3	U5EYA
2F	B87	G70X90	412.00	8.274E-02	U5EXA	0.2	U5DYB
2F	B87	G70X90	457.88	8.274E-02	U5EXA	0.2	U5DYB
2F	B87	G70X90	503.75	8.274E-02	U5EXA	0.2	U5DYB
2F	B87	G70X90	503.75	7.758E-02	U5EXA	0.2	U5DYB
2F	B87	G70X90	549.32	7.758E-02	U5EXA	0.2	U5DYB
2F	B87	G70X90	594.89	7.758E-02	U5EXA	0.2	U5DYB
2F	B87	G70X90	640.45	7.758E-02	U5EXA	0.2	U5DYB
2F	B87	G70X90	686.02	7.758E-02	U5EXA	0.2	U5DYB
2F	B87	G70X90	731.59	7.758E-02	U5EXA	0.3	U5EYA
2F	B87	G70X90	777.16	7.758E-02	U5EXA	0.3	U5EYA
2F	B87	G70X90	822.73	7.758E-02	U5EXA	0.3	U5EYA
2F	B87	G70X90	868.30	7.758E-02	U5EXA	0.3	U5EYA
2F	B87	G70X90	913.86	7.758E-02	U5EXA	0.4	U5EYA
2F	B87	G70X90	959.43	7.758E-02	U5EXA	0.4	U5EYA
2F	B87	G70X90	1005.00	7.758E-02	U5EXA	0.4	U5EYA

2F	B88G100X150-C	60.00	0.0	U7DYB	0.5	U5EYA
2F	B88G100X150-C	109.49	0.0	U7DYB	0.5	U5EYA
2F	B88G100X150-C	158.97	0.0	U7DYB	0.4	U5EYA
2F	B88G100X150-C	208.46	0.0	U7DYB	0.4	U5EYA
2F	B88G100X150-C	257.95	0.0	U7DYB	0.4	U5EYA
2F	B88G100X150-C	307.44	0.0	U7DYB	0.4	U5EYA
2F	B88G100X150-C	356.92	0.0	U7DYB	0.4	U5EYA
2F	B88G100X150-C	406.41	0.0	U7DYB	0.3	U5EYA
2F	B88G100X150-C	455.90	0.0	U7DYB	0.3	U5EYA
2F	B88G100X150-C	505.38	0.0	U7DYB	0.3	U5EYA
2F	B88G100X150-C	554.87	0.0	U7DYB	0.3	U5EYA
2F	B88G100X150-C	604.36	0.0	U7DYB	0.3	U5EYA
2F	B88G100X150-C	653.85	0.0	U7DYB	0.2	U5EYA
2F	B88G100X150-C	703.33	0.0	U7DYB	0.2	U7EYA
2F	B88G100X150-C	752.82	0.0	U7DYB	0.2	U5DYB
2F	B88G100X150-C	802.31	0.0	U7DYB	0.2	U5DYB
2F	B88G100X150-C	851.79	0.0	U7DYB	0.2	U5DYB
2F	B88G100X150-C	901.28	0.0	U7DYB	0.2	U5DYB
2F	B88G100X150-C	950.77	0.0	U7DYB	0.2	U5DYB
2F	B88G100X150-C	1000.26	0.0	U7DYB	0.2	U5DYB
2F	B88G100X150-C	1049.74	0.0	U7DYB	0.2	U5DYB
2F	B88G100X150-C	1099.23	0.0	U7DYB	0.2	U5DYB
2F	B88G100X150-C	1148.72	0.0	U7DYB	0.2	U5DYB
2F	B88G100X150-C	1198.21	0.0	U7DYB	0.2	U5DYB
2F	B88G100X150-C	1247.69	0.0	U7DYB	0.2	U5DYB
2F	B88G100X150-C	1297.18	0.0	U7DYB	0.2	U5DYB
2F	B88G100X150-C	1346.67	0.0	U7DYB	0.2	U7EYA
2F	B88G100X150-C	1396.15	0.0	U7DYB	0.2	U5EYA
2F	B88G100X150-C	1445.64	0.0	U7DYB	0.3	U5EYA
2F	B88G100X150-C	1495.13	0.0	U7DYB	0.3	U5EYA
2F	B88G100X150-C	1544.62	0.0	U7DYB	0.3	U5EYA
2F	B88G100X150-C	1594.10	0.0	U7DYB	0.3	U5EYA
2F	B88G100X150-C	1643.59	0.0	U7DYB	0.3	U5EYA
2F	B88G100X150-C	1693.08	0.0	U7DYB	0.4	U5EYA
2F	B88G100X150-C	1742.56	0.0	U7DYB	0.4	U5EYA
2F	B88G100X150-C	1792.05	0.0	U7DYB	0.4	U5EYA
2F	B88G100X150-C	1841.54	0.0	U7DYB	0.4	U5EYA
2F	B88G100X150-C	1891.03	0.0	U7DYB	0.4	U5EYA
2F	B88G100X150-C	1940.51	0.0	U7DYB	0.5	U5EYA
2F	B88G100X150-C	1990.00	0.0	U7DYB	0.5	U5EYA

2F	B117	G60X80	45.00	1.751E-02	U7EYA	0.1	U5DYB
2F	B117	G60X80	93.33	1.751E-02	U7EYA	0.1	U5DYB
2F	B117	G60X80	141.67	1.751E-02	U7EYA	0.1	U5DYB

2F	B117	G60X80	190.00	1.751E-02	U7EYA	0.1	U5DYB
2F	B117	G60X80	238.33	1.751E-02	U7EYA	0.1	U5DYB
2F	B117	G60X80	286.67	1.751E-02	U7EYA	0.1	U5DYB
2F	B117	G60X80	335.00	1.751E-02	U7EYA	0.1	U5DYB
2F	B117	G60X80	383.33	1.751E-02	U7EYA	0.1	U5DYB
2F	B117	G60X80	431.67	1.751E-02	U7EYA	0.1	U5EXA
2F	B117	G60X80	480.00	1.751E-02	U7EYA	0.2	U5EXA
2F	B117	G60X80	528.33	1.751E-02	U7EYA	0.2	U5EXA
2F	B117	G60X80	576.67	1.751E-02	U7EYA	0.2	U5EXA
2F	B117	G60X80	625.00	1.751E-02	U7EYA	0.2	U5EXA
2F	B118	G60X80	45.00	0.0	U7DYB	0.2	U5EXA
2F	B118	G60X80	94.38	0.0	U7DYB	0.2	U5EXA
2F	B118	G60X80	143.75	0.0	U7DYB	0.2	U5EXA
2F	B118	G60X80	193.13	0.0	U7DYB	0.2	U5EXA
2F	B118	G60X80	242.50	0.0	U7DYB	0.1	U5DYB
2F	B118	G60X80	291.88	0.0	U7DYB	0.1	U5DYB
2F	B118	G60X80	341.25	0.0	U7DYB	0.1	U5DYB
2F	B118	G60X80	390.63	0.0	U7DYB	0.1	U5DYB
2F	B118	G60X80	440.00	0.0	U7DYB	9.101E-02	U5DYB
2F	B118	G60X80	489.38	0.0	U7DYB	9.940E-02	U5DYB
2F	B118	G60X80	538.75	0.0	U7DYB	0.1	U5DYB
2F	B118	G60X80	588.13	0.0	U7DYB	0.1	U5DYB
2F	B118	G60X80	637.50	0.0	U7DYB	0.1	U5DYB
2F	B118	G60X80	686.88	0.0	U7DYB	0.1	U5DYB
2F	B118	G60X80	736.25	0.0	U7DYB	0.2	U5EXA
2F	B118	G60X80	785.63	0.0	U7DYB	0.2	U5EXA
2F	B118	G60X80	835.00	0.0	U7DYB	0.2	U5EXA
2F	B119	B60X80	0.00	0.0	U7DYB	0.1	U5DYB
2F	B119	B60X80	47.86	0.0	U7DYB	0.1	U5DYB
2F	B119	B60X80	95.71	0.0	U7DYB	0.1	U5DYB
2F	B119	B60X80	143.57	0.0	U7DYB	0.1	U5DYB
2F	B119	B60X80	191.43	0.0	U7DYB	9.402E-02	U5DYB
2F	B119	B60X80	239.29	0.0	U7DYB	8.512E-02	U5DYB
2F	B119	B60X80	287.14	0.0	U7DYB	7.503E-02	U5DYB
2F	B119	B60X80	335.00	0.0	U7DYB	7.074E-02	U5DYB
2F	B119	B60X80	382.86	0.0	U7DYB	8.115E-02	U5DYB
2F	B119	B60X80	430.71	0.0	U7DYB	9.124E-02	U5DYB
2F	B119	B60X80	478.57	0.0	U7DYB	0.1	U5DYB
2F	B119	B60X80	526.43	0.0	U7DYB	0.1	U5EXA
2F	B119	B60X80	574.29	0.0	U7DYB	0.2	U5EXA
2F	B119	B60X80	622.14	0.0	U7DYB	0.2	U5EXA
2F	B119	B60X80	670.00	0.0	U7DYB	0.2	U5EXA
2F	B120	B60X80	0.00	0.0	U7DYB	0.2	U5EXA
2F	B120	B60X80	44.38	0.0	U7DYB	0.2	U5EXA
2F	B120	B60X80	88.75	0.0	U7DYB	0.2	U5EXA
2F	B120	B60X80	133.13	0.0	U7DYB	0.2	U5EXA
2F	B120	B60X80	177.50	0.0	U7DYB	0.2	U5EXA
2F	B120	B60X80	221.88	0.0	U7DYB	0.1	U5DYB
2F	B120	B60X80	266.25	0.0	U7DYB	9.710E-02	U5DYB
2F	B120	B60X80	310.63	0.0	U7DYB	9.216E-02	U5DYB
2F	B120	B60X80	355.00	0.0	U7DYB	8.766E-02	U5DYB
2F	B120	B60X80	355.00	0.0	U7DYB	7.026E-02	U5DYB
2F	B120	B60X80	402.73	0.0	U7DYB	6.539E-02	U5DYB
2F	B120	B60X80	450.45	0.0	U7DYB	6.520E-02	U5DYB
2F	B120	B60X80	498.18	0.0	U7DYB	7.105E-02	U5DYB
2F	B120	B60X80	545.91	0.0	U7DYB	7.707E-02	U5DYB
2F	B120	B60X80	593.64	0.0	U7DYB	8.309E-02	U5DYB
2F	B120	B60X80	641.36	0.0	U7DYB	8.911E-02	U5DYB
2F	B120	B60X80	689.09	0.0	U7DYB	9.491E-02	U5DYB
2F	B120	B60X80	736.82	0.0	U7DYB	9.978E-02	U5DYB
2F	B120	B60X80	784.55	0.0	U7DYB	0.1	U5DYB
2F	B120	B60X80	832.27	0.0	U7DYB	0.2	U5EXA

2F	B120	B60X80	880.00	0.0	U7DYB	0.2	U5EXA
2F	B121	G90X120	45.00	2.847E-02	U5EXA	0.4	U5EYA
2F	B121	G90X120	95.00	2.847E-02	U5EXA	0.4	U5EYA
2F	B121	G90X120	145.00	2.847E-02	U5EXA	0.4	U5EYA
2F	B121	G90X120	195.00	2.847E-02	U5EXA	0.3	U5EYA
2F	B121	G90X120	245.00	2.847E-02	U5EXA	0.3	U5EYA
2F	B121	G90X120	295.00	2.847E-02	U5EXA	0.3	U5EYA
2F	B121	G90X120	345.00	2.847E-02	U5EXA	0.2	U5EYA
2F	B121	G90X120	395.00	2.847E-02	U5EXA	0.2	U5DYB
2F	B121	G90X120	445.00	2.847E-02	U5EXA	0.2	U5DYB
2F	B121	G90X120	445.00	2.806E-02	U5EXA	0.2	U5DYB
2F	B121	G90X120	494.50	2.806E-02	U5EXA	0.2	U5DYB
2F	B121	G90X120	544.00	2.806E-02	U5EXA	0.2	U5DYB
2F	B121	G90X120	593.50	2.806E-02	U5EXA	0.2	U5DYB
2F	B121	G90X120	643.00	2.806E-02	U5EXA	0.2	U5EYA
2F	B121	G90X120	692.50	2.806E-02	U5EXA	0.3	U5EYA
2F	B121	G90X120	742.00	2.806E-02	U5EXA	0.3	U5EYA
2F	B121	G90X120	791.50	2.806E-02	U5EXA	0.3	U5EYA
2F	B121	G90X120	841.00	2.806E-02	U5EXA	0.4	U5EYA
2F	B121	G90X120	890.50	2.806E-02	U5EXA	0.4	U5EYA
2F	B121	G90X120	940.00	2.806E-02	U5EXA	0.4	U5EYA
2F	B122	G70X90	45.00	3.782E-02	U5EXA	0.5	U5EYA
2F	B122	G70X90	95.00	3.782E-02	U5EXA	0.5	U5EYA
2F	B122	G70X90	145.00	3.782E-02	U5EXA	0.5	U5EYA
2F	B122	G70X90	195.00	3.782E-02	U5EXA	0.4	U5EYA
2F	B122	G70X90	245.00	3.782E-02	U5EXA	0.4	U5EYA
2F	B122	G70X90	295.00	3.782E-02	U5EXA	0.4	U5EYA
2F	B122	G70X90	345.00	3.782E-02	U5EXA	0.4	U5EYA
2F	B122	G70X90	395.00	3.782E-02	U5EXA	0.3	U5EYA
2F	B122	G70X90	445.00	3.782E-02	U5EXA	0.3	U5EYA
2F	B122	G70X90	445.00	3.441E-02	U5EXA	0.3	U5DYB
2F	B122	G70X90	494.50	3.441E-02	U5EXA	0.3	U5DYB
2F	B122	G70X90	544.00	3.441E-02	U5EXA	0.3	U5DYB
2F	B122	G70X90	593.50	3.441E-02	U5EXA	0.3	U5DYB
2F	B122	G70X90	643.00	3.441E-02	U5EXA	0.3	U5DYB
2F	B122	G70X90	692.50	3.441E-02	U5EXA	0.3	U5EYA
2F	B122	G70X90	742.00	3.441E-02	U5EXA	0.4	U5EYA
2F	B122	G70X90	791.50	3.441E-02	U5EXA	0.4	U5EYA
2F	B122	G70X90	841.00	3.441E-02	U5EXA	0.4	U5EYA
2F	B122	G70X90	890.50	3.441E-02	U5EXA	0.4	U5EYA
2F	B122	G70X90	940.00	3.441E-02	U5EXA	0.4	U5EYA
2F	B123	G70X90	45.00	7.240E-02	U5EXA	0.4	U5EYA
2F	B123	G70X90	95.00	7.240E-02	U5EXA	0.4	U5EYA
2F	B123	G70X90	145.00	7.240E-02	U5EXA	0.4	U5EYA
2F	B123	G70X90	195.00	7.240E-02	U5EXA	0.3	U5EYA
2F	B123	G70X90	245.00	7.240E-02	U5EXA	0.3	U5EYA
2F	B123	G70X90	295.00	7.240E-02	U5EXA	0.3	U5EYA
2F	B123	G70X90	345.00	7.240E-02	U5EXA	0.3	U5EYA
2F	B123	G70X90	395.00	7.240E-02	U5EXA	0.2	U5EYA
2F	B123	G70X90	445.00	7.240E-02	U5EXA	0.2	U5DYB
2F	B123	G70X90	445.00	6.299E-02	U5EXA	0.2	U5DYB
2F	B123	G70X90	490.00	6.299E-02	U5EXA	0.2	U5DYB
2F	B123	G70X90	535.00	6.299E-02	U5EXA	0.2	U5DYB
2F	B123	G70X90	580.00	6.299E-02	U5EXA	0.2	U5DYB
2F	B123	G70X90	625.00	6.299E-02	U5EXA	0.2	U5DYB
2F	B123	G70X90	670.00	6.299E-02	U5EXA	0.2	U5DYB
2F	B123	G70X90	715.00	6.299E-02	U5EXA	0.2	U5EYA
2F	B123	G70X90	715.00	6.299E-02	U5EXA	0.3	U5EYA
2F	B123	G70X90	763.00	6.299E-02	U5EXA	0.3	U5EYA
2F	B123	G70X90	811.00	6.299E-02	U5EXA	0.3	U5EYA
2F	B123	G70X90	859.00	6.299E-02	U5EXA	0.3	U5EYA
2F	B123	G70X90	907.00	6.299E-02	U5EXA	0.3	U5EYA

2F	B123	G70X90	955.00	6.299E-02	U5EXA	0.4	U5EYA
2F	B124	B25X45	0.00	0.0	U7DYB	8.324E-02	U5DYB
2F	B124	B25X45	47.73	0.0	U7DYB	7.843E-02	U5DYB
2F	B124	B25X45	95.45	0.0	U7DYB	6.733E-02	U5DYB
2F	B124	B25X45	143.18	0.0	U7DYB	2.494E-02	U7DYB
2F	B124	B25X45	190.91	0.0	U7DYB	0.0	U7DYB
2F	B124	B25X45	238.64	0.0	U7DYB	0.0	U7DYB
2F	B124	B25X45	286.36	0.0	U7DYB	0.0	U7DYB
2F	B124	B25X45	334.09	0.0	U7DYB	0.0	U7DYB
2F	B124	B25X45	381.82	0.0	U7DYB	2.494E-02	U7DYB
2F	B124	B25X45	429.55	0.0	U7DYB	6.733E-02	U5DYB
2F	B124	B25X45	477.27	0.0	U7DYB	7.843E-02	U5DYB
2F	B124	B25X45	525.00	0.0	U7DYB	8.324E-02	U5DYB
2F	B125	B30X50	0.00	0.0	U7DYB	0.1	U5DXB
2F	B125	B30X50	45.00	0.0	U7DYB	0.1	U5DXB
2F	B125	B30X50	90.00	0.0	U7DYB	9.990E-02	U5DXB
2F	B125	B30X50	135.00	0.0	U7DYB	8.567E-02	U5DXB
2F	B125	B30X50	180.00	0.0	U7DYB	3.511E-02	U7DXB
2F	B125	B30X50	225.00	0.0	U7DYB	0.0	U7DYB
2F	B125	B30X50	270.00	0.0	U7DYB	0.0	U7DYB
2F	B125	B30X50	270.00	0.0	U7DYB	0.0	U7DYB
2F	B125	B30X50	317.50	0.0	U7DYB	0.0	U7DYB
2F	B125	B30X50	365.00	0.0	U7DYB	3.211E-02	U7DXB
2F	B125	B30X50	412.50	0.0	U7DYB	4.143E-02	U7DXB
2F	B125	B30X50	460.00	0.0	U7DYB	9.721E-02	U5DXB
2F	B125	B30X50	507.50	0.0	U7DYB	0.1	U5DXB
2F	B125	B30X50	555.00	0.0	U7DYB	0.1	U5DXB
2F	B126	G90X120	60.00	4.059E-02	U5EYA	0.3	U5EXA
2F	B126	G90X120	108.50	4.059E-02	U5EYA	0.2	U5DYB
2F	B126	G90X120	157.00	4.059E-02	U5EYA	0.2	U5DYB
2F	B126	G90X120	205.50	4.059E-02	U5EYA	0.2	U5DYB
2F	B126	G90X120	254.00	4.059E-02	U5EYA	0.2	U5DYB
2F	B126	G90X120	302.50	4.059E-02	U5EYA	0.2	U5DYB
2F	B126	G90X120	351.00	4.059E-02	U5EYA	0.2	U5DYB
2F	B126	G90X120	399.50	4.059E-02	U5EYA	0.2	U5EXA
2F	B126	G90X120	448.00	4.059E-02	U5EYA	0.3	U5EXA
2F	B126	G90X120	496.50	4.059E-02	U5EYA	0.3	U5EXA
2F	B126	G90X120	545.00	4.059E-02	U5EYA	0.3	U5EXA
2F	B127	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B127	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
2F	B127	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B127	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
2F	B127	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B127	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B127	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B127	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
2F	B127	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B127	G90X120	496.00	0.0	U7DYB	0.2	U5EXA
2F	B127	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B128	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B128	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
2F	B128	G90X120	153.00	0.0	U7DYB	0.2	U5DYB
2F	B128	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
2F	B128	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B128	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B128	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B128	G90X120	398.00	0.0	U7DYB	0.2	U5DYB
2F	B128	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B128	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
2F	B128	G90X120	545.00	0.0	U7DYB	0.3	U5EXA

2F	B129	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B129	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
2F	B129	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B129	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
2F	B129	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B129	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B129	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B129	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
2F	B129	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B129	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
2F	B129	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B130	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B130	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
2F	B130	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B130	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
2F	B130	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B130	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B130	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B130	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
2F	B130	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B130	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
2F	B130	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B131	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B131	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
2F	B131	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B131	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
2F	B131	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B131	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B131	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B131	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
2F	B131	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B131	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
2F	B131	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B132	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B132	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
2F	B132	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B132	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
2F	B132	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B132	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B132	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B132	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
2F	B132	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B132	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
2F	B132	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B133	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B133	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
2F	B133	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B133	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
2F	B133	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B133	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B133	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B133	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
2F	B133	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B133	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
2F	B133	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B134	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B134	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
2F	B134	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B134	G90X120	202.00	0.0	U7DYB	0.2	U5DYB

2F	B134	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B134	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B134	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B134	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
2F	B134	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B134	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
2F	B134	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B135	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B135	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
2F	B135	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B135	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
2F	B135	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B135	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B135	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B135	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
2F	B135	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B135	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
2F	B135	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B136	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B136	G90X120	104.00	0.0	U7DYB	0.2	U5EXA
2F	B136	G90X120	153.00	0.0	U7DYB	0.2	U5EXA
2F	B136	G90X120	202.00	0.0	U7DYB	0.2	U5DYB
2F	B136	G90X120	251.00	0.0	U7DYB	0.2	U5DYB
2F	B136	G90X120	300.00	0.0	U7DYB	0.2	U5DYB
2F	B136	G90X120	349.00	0.0	U7DYB	0.2	U5DYB
2F	B136	G90X120	398.00	0.0	U7DYB	0.2	U5EXA
2F	B136	G90X120	447.00	0.0	U7DYB	0.2	U5EXA
2F	B136	G90X120	496.00	0.0	U7DYB	0.3	U5EXA
2F	B136	G90X120	545.00	0.0	U7DYB	0.3	U5EXA
2F	B137	G90X120	55.00	0.0	U7DYB	0.3	U5EXA
2F	B137	G90X120	105.00	0.0	U7DYB	0.3	U5DYB
2F	B137	G90X120	155.00	0.0	U7DYB	0.3	U5DYB
2F	B137	G90X120	205.00	0.0	U7DYB	0.3	U5DYB
2F	B137	G90X120	255.00	0.0	U7DYB	0.3	U5DYB
2F	B137	G90X120	305.00	0.0	U7DYB	0.3	U5DYB
2F	B137	G90X120	355.00	0.0	U7DYB	0.3	U5DYB
2F	B137	G90X120	405.00	0.0	U7DYB	0.3	U5EXA
2F	B137	G90X120	455.00	0.0	U7DYB	0.3	U5EXA
2F	B138	G90X120	55.00	2.311E-02	U5DYA	0.3	U5EXA
2F	B138	G90X120	103.33	2.311E-02	U5DYA	0.2	U5EXA
2F	B138	G90X120	151.67	2.311E-02	U5DYA	0.2	U5EXA
2F	B138	G90X120	200.00	2.311E-02	U5DYA	0.2	U5EXA
2F	B138	G90X120	248.33	2.311E-02	U5DYA	0.2	U5EXA
2F	B138	G90X120	296.67	2.311E-02	U5DYA	0.2	U5DYB
2F	B138	G90X120	345.00	2.311E-02	U5DYA	0.2	U5DYB
2F	B138	G90X120	393.33	2.311E-02	U5DYA	0.2	U5DYB
2F	B138	G90X120	441.67	2.311E-02	U5DYA	0.2	U5DYB
2F	B138	G90X120	490.00	2.311E-02	U5DYA	0.2	U5DYB
2F	B138	G90X120	538.33	2.311E-02	U5DYA	0.2	U5EXA
2F	B138	G90X120	586.67	2.311E-02	U5DYA	0.2	U5EXA
2F	B138	G90X120	635.00	2.311E-02	U5DYA	0.2	U5EXA
2F	B139	G90X120	55.00	3.587E-02	U5EYA	0.1	U5EXA
2F	B139	G90X120	104.38	3.587E-02	U5EYA	0.1	U5EXA
2F	B139	G90X120	153.75	3.587E-02	U5EYA	0.1	U5EXA
2F	B139	G90X120	203.13	3.587E-02	U5EYA	0.1	U5EXA
2F	B139	G90X120	252.50	3.587E-02	U5EYA	9.199E-02	U5EXA
2F	B139	G90X120	301.88	3.587E-02	U5EYA	9.103E-02	U5DYB
2F	B139	G90X120	351.25	3.587E-02	U5EYA	9.103E-02	U5DYB
2F	B139	G90X120	400.63	3.587E-02	U5EYA	9.103E-02	U5DYB
2F	B139	G90X120	450.00	3.587E-02	U5EYA	9.103E-02	U5DYB

2F	B139	G90X120	499.38	3.587E-02	U5EYA	9.103E-02	U5DYB
2F	B139	G90X120	548.75	3.587E-02	U5EYA	9.103E-02	U5DYB
2F	B139	G90X120	598.13	3.587E-02	U5EYA	9.103E-02	U5DYB
2F	B139	G90X120	647.50	3.587E-02	U5EYA	9.198E-02	U5EXA
2F	B139	G90X120	696.88	3.587E-02	U5EYA	0.1	U5EXA
2F	B139	G90X120	746.25	3.587E-02	U5EYA	0.1	U5EXA
2F	B139	G90X120	795.63	3.587E-02	U5EYA	0.1	U5EXA
2F	B139	G90X120	845.00	3.587E-02	U5EYA	0.1	U5EXA
2F	B140	G60X80	55.00	0.0	U7DYB	0.2	U5EXA
2F	B140	G60X80	101.67	0.0	U7DYB	0.2	U5EXA
2F	B140	G60X80	148.33	0.0	U7DYB	0.1	U5DYB
2F	B140	G60X80	195.00	0.0	U7DYB	0.1	U5DYB
2F	B140	G60X80	241.67	0.0	U7DYB	0.1	U5DYB
2F	B140	G60X80	288.33	0.0	U7DYB	0.1	U5DYB
2F	B140	G60X80	335.00	0.0	U7DYB	0.1	U5DYB
2F	B140	G60X80	381.67	0.0	U7DYB	0.1	U5DYB
2F	B140	G60X80	428.33	0.0	U7DYB	0.1	U5EXA
2F	B140	G60X80	475.00	0.0	U7DYB	0.2	U5EXA
2F	B140	G60X80	521.67	0.0	U7DYB	0.2	U5EXA
2F	B140	G60X80	568.33	0.0	U7DYB	0.2	U5EXA
2F	B140	G60X80	615.00	0.0	U7DYB	0.2	U5EXA
2F	B141	G60X80	55.00	0.0	U7DYB	0.2	U5EXA
2F	B141	G60X80	105.00	0.0	U7DYB	0.2	U5EXA
2F	B141	G60X80	155.00	0.0	U7DYB	0.2	U5EXA
2F	B141	G60X80	205.00	0.0	U7DYB	0.2	U5EXA
2F	B141	G60X80	255.00	0.0	U7DYB	0.1	U5EXA
2F	B141	G60X80	305.00	0.0	U7DYB	0.1	U5DYB
2F	B141	G60X80	355.00	0.0	U7DYB	0.1	U5DYB
2F	B141	G60X80	355.00	0.0	U7DYB	9.199E-02	U5DYB
2F	B141	G60X80	403.00	0.0	U7DYB	9.224E-02	U5DYB
2F	B141	G60X80	451.00	0.0	U7DYB	9.300E-02	U5DYB
2F	B141	G60X80	499.00	0.0	U7DYB	9.425E-02	U5DYB
2F	B141	G60X80	547.00	0.0	U7DYB	9.573E-02	U5DYB
2F	B141	G60X80	595.00	0.0	U7DYB	9.722E-02	U5DYB
2F	B141	G60X80	643.00	0.0	U7DYB	0.1	U5EXA
2F	B141	G60X80	691.00	0.0	U7DYB	0.1	U5EXA
2F	B141	G60X80	739.00	0.0	U7DYB	0.2	U5EXA
2F	B141	G60X80	787.00	0.0	U7DYB	0.2	U5EXA
2F	B141	G60X80	835.00	0.0	U7DYB	0.2	U5EXA

台灣電力公司

App.-A

斷層新事證檢核地震評估報告

中華民國 113 年 7 月

一、概述

台灣電力股份有限公司委託中興工程顧問股份有限公司，於核一廠 69kV 開關場現址，辦理低放射性廢棄物貯存庫(以下簡稱三號低貯庫)設計與申照啟用。因應台電公司 111.9.14「核一廠三號低放貯存庫設置案討論會議與現場勘查」會議紀錄 5.(3)：原能會表示「相關耐震設計基準，應符合內政部「建築物耐震設計規範及解說」[1]規定外，亦應以斷層新事證進行耐震檢核及意外事故評估，並列入設施之意外事件應變計畫。」(附件)，由於山腳斷層並未納入「建築物耐震設計規範及解說」[1]，故新增山腳斷層為新事證，以山腳斷層之定值法評估，作為後續耐震檢核及意外事故評估之依據。

為因應前述原能會對斷層新事證進行耐震檢核之要求，本公司依據「營運中核能電廠擴大地質調查工作」(台電公司，2016 年)[2]及「營運中核能電廠再詳細地質調查工作」(台電公司，2022 年)[3]之成果，於 112 年 2 月 24 日及 112 年 4 月 25 日，邀集國立台灣大學黃尹男教授、國家地震工程研究中心張毓文博士、趙書賢博士、陳冠宇博士、許尚逸博士及中興社防災科技研究中心林柏伸博士，召開地震檢核專家會議，提供專業建議，經充分討論，本案以山腳斷層定值法評估之地震力，作為後續耐震檢核之依據，其分析方法及成果經各委員審定，整理如本報告。

本報告場址自由域反應分析主要可分為 2 部分，第一部分為定值法地震危害度分析(Deterministic Method, DSHA)，利用衰減式評估山腳斷層對於核一廠低放射性廢棄物貯存庫下方地盤基盤面(V_{Sd30}=760m/s)所造成的地震動歷時及反應譜，第二部分為地盤反應分析，利用 SHAKE2000 程式推算基盤面至基礎面之地震動歷時，分析流程如圖 1 及圖 2。

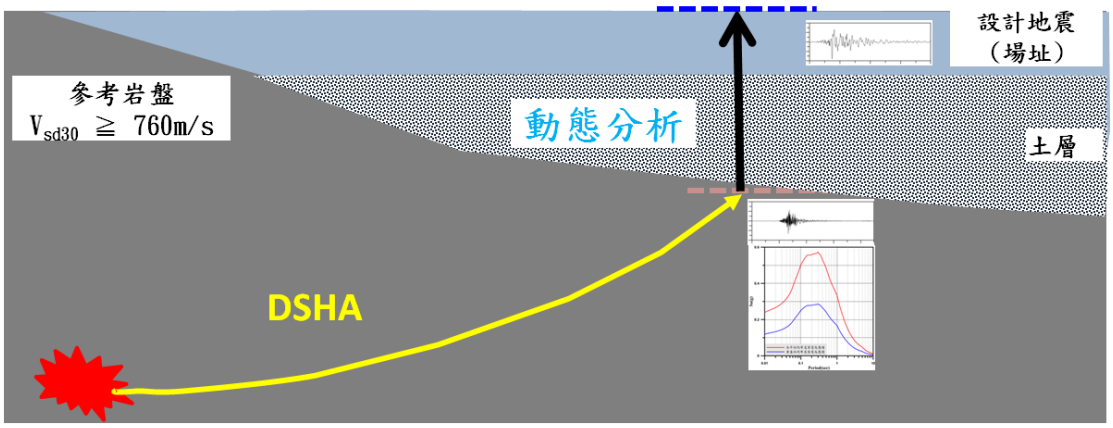


圖 1 地層動態特性分析示意圖

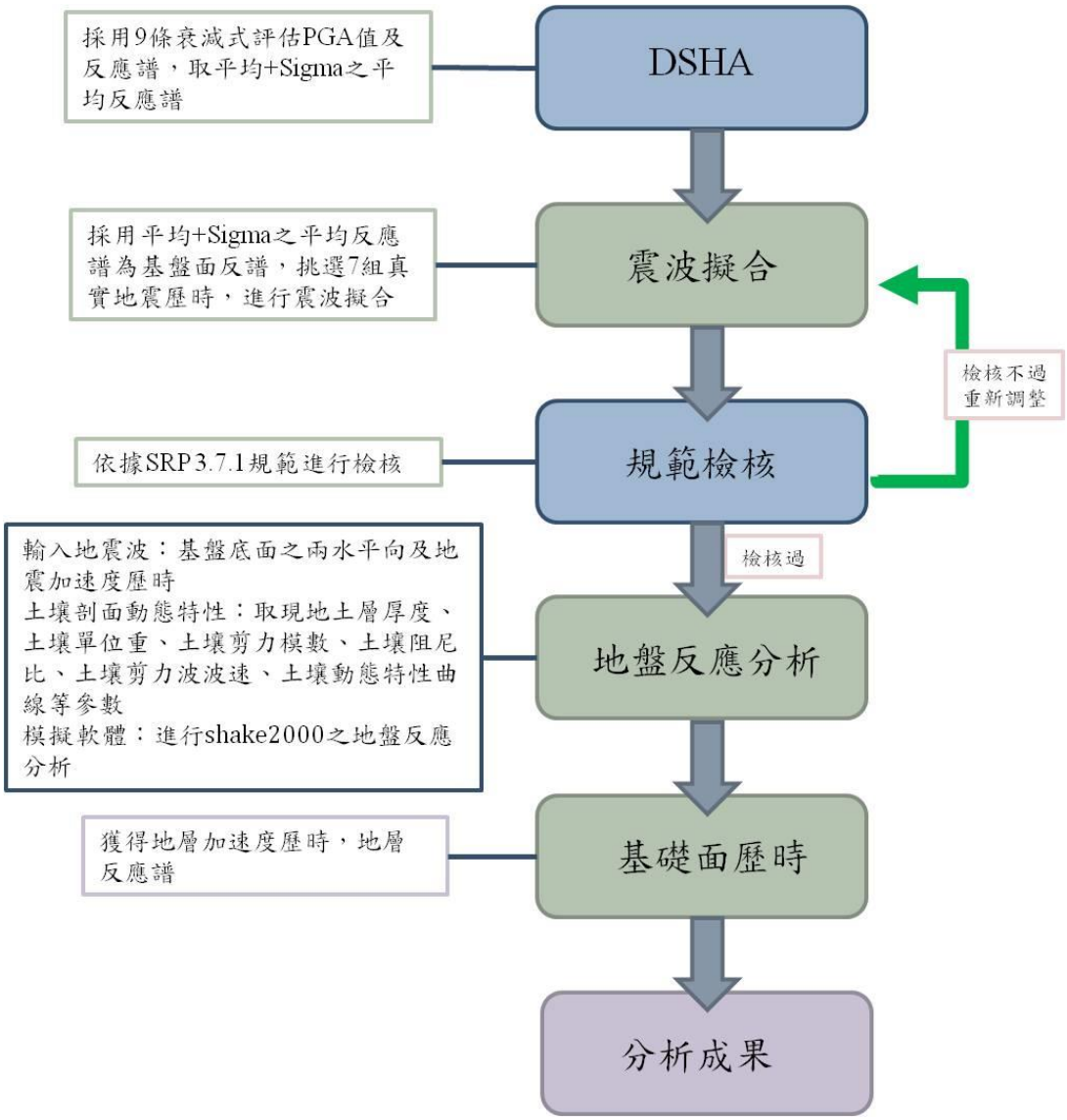


圖 2 地層動態特性分析流程圖

二、定值法地震危害度分析

地震危害度評估之目的為評估場址可能遭受地震所產生之振動程度，本計畫採用定值法(deterministic method)進行評估，提供後續檢核分析使用。

2.1 定值法地震危害度分析

定值法由於直接且簡明，為地震評估方法中較早被使用之方法。其基本假設為同樣規模之地震會重複發生、可能震源(可為活動斷層或震源集中區)內每一點均可能發生地震、及地動(如速度或加速度等)之衰減為一固定關係式，上述假設與由自然界觀測之結果大致相符。

定值法之主要工作即辨別出(對工址有影響之)所有可能震源區及其地震規模、計算各震源區至工址之(可能)最近距離、選擇地動衰減關係式並計算各震源-規模組合於工址產生之地動值，其最大者即該工址之設計地震(如圖 3)。定值法評估結果之典型敘述方式為：「S 工址之設計地震為 F 斷層(或震源區)距工址 D 處發生規模 M 地震，產生工址地動值 A」。

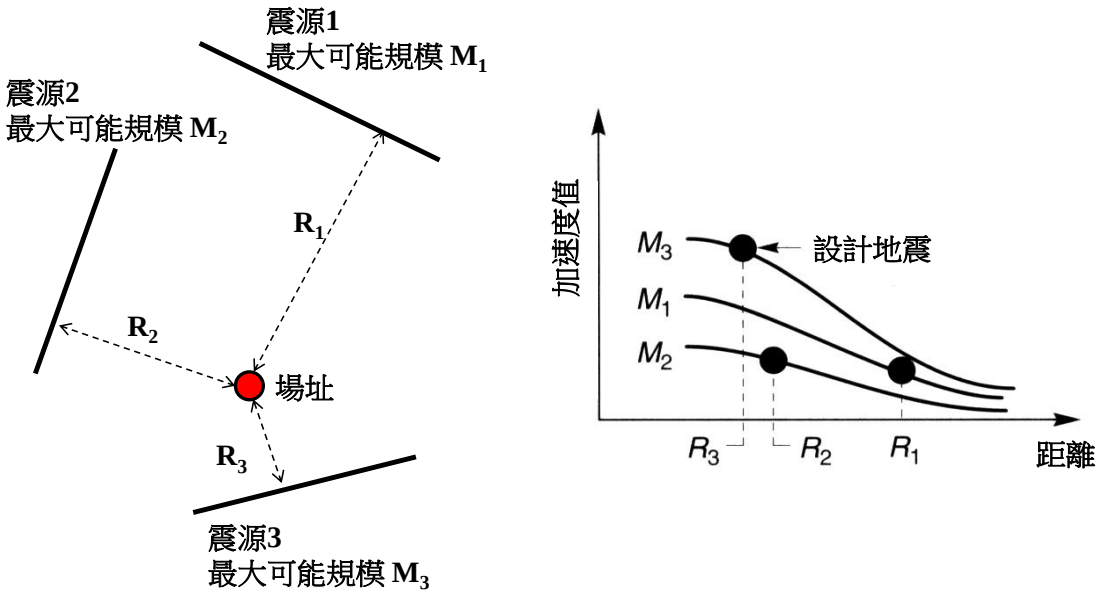


圖 3 定值法分析示意圖

2.2 危害度分析強地動衰減公式

場址之地動值採用強地動衰減公式推估，強地動衰減公式為地震動之經驗預估式，是地震危害度評估主要的基礎，以收集過去之地震動資料，透過不同的衰減模式，針對規模、震源距及場址效應等參數，進行迴歸分析，最終可求得之強地動衰減式，可用來預估地震發生時，在不同場址所可能受到的最大地表震動。

本次地震評析採用由臺灣核能設施地震危害度評估(SSHAC Level3, 2019)[4]所建立之 9 組模型分別如下，

1. Abrahamson et al. 2014, adjusted - ASK14adj
2. Akkar et al. 2014a,b, adjusted - ASB14adj
3. Bindi et al. 2014a,b, adjusted - Bi14adj
4. Boore et al. 2014, adjusted - BSSA14adj
5. Campbell and Bozorgnia 2014, adjusted - CB14adj
6. Chiou and Youngs 2014, adjusted - CY14adj
7. Idriss 2014, adjusted - I14adj
8. Chao et al. 2019 - Chao19
9. Phung et al. 2019 - Phung19

9 組衰減式中，第 1~7 組衰減式為採用臺灣地動數據庫調整後之國外衰減式，第 8~9 組衰減式為臺灣地動數據庫直接發展之衰減式，其譜週期皆為 0.01 至 5 秒。

2.3 斷層震源參數

2.3.1 斷層長度

核一廠考慮之控制震源為山腳斷層為一正斷層，依據「營運中核能電廠再詳細地質調查工作」(台電公司，2022 年)[3]之成果，山腳斷層為帶左移分量之正斷層，陸域部分總長為 38.5 公里，可分為 2 段，南段長約 26.5 公里，北段長約 12 公里；海域部分由金山區中角附近海岸延伸至花瓶嶼東南側，可分為 2 段，ST-I 長約 14.2 公里及 ST-II 長約 25 公里，總長度為 39.2 公里，故山腳斷層斷層全長為 77.7 公里。

2.3.2 斷層寬度

依據「營運中核能電廠擴大地質調查工作」(台電公司，2016 年)[2]之成果，山腳斷層孕震深度為 10 公里，斷層面傾角分別為 0~3 公里 82 度、3~8 公里 15 度及 8~10 公里 6 度，「營運中核能電廠再詳細地質調查工作」(台電公司，2022 年)[3]之成果斷層面傾角 0~3 公里為 83 度，故斷層面傾角則調整為 0~3 公里 83 度、3~8 公里 15 度及 8~10 公里 6 度，其寬度為孕震深度與傾角關係而得，公式為深度/sin(傾角) ，不同深度之寬度分別為 3.02 公里、19.32 公里及 19.13 公里，總寬度為 41.47 公里，其結果詳如表 1。

表 1 山腳斷層斷層參數表

	擴大地質調查(2016 年)[2]		**再詳細地質調查(2022 年)**[3]	
斷層長(公里)	總長：81	南段:29 北段:12 ST-I:15 ST-2:25	總長：77.7	南段:26.5 北段:12 ST-I:14.2 ST-2:25
斷層面傾角	0~3 公里:82 度 3~8 公里:15 度 8~10 公里:6 度		0~3 公里:83 度 3~8 公里:15 度*1 8~10 公里:6 度*1	
孕震深度(公里)	10		10 *2	
斷層寬度(公里)	0~3 公里:3/sin(82)=3.03 3~8 公里:5/sin(15)=19.32 8~10 公里:2/sin(6)=19.13 總寬度 41.48		0~3 公里:3/sin(82)=3.02 3~8 公里:5/sin(15)=19.32 8~10 公里:2/sin(6)=19.13 總寬度 41.47	
斷層面積(平方公里)	總面積:3363	南段:1204 北段:498 ST-I:623 ST-2:1038	總面積:3222	南段:1099 北段:498 ST-I:589 ST-2:1037

*1 3~10 公里斷層面傾角延用擴大地質調查結果

*2 孕震深度延用擴大地質調查結果

2.3.3 斷層面積

斷層面積為斷層長度乘上寬度，則陸域部分面積為 1,596.595 平方公里，海域部分面積為 1,625.624 平方公里，故總面積為 3,222 平方公里，其山腳斷層斷層參數詳如表 1。

2.3.4 斷層規模

因山腳斷層並無過去曾發生之最大歷史地震資料，故採用 Wells and Coppersmith (1994)[5]與 Yen and Ma (2011)[6]斷層面積公式所估之規模，其 Wells and Coppersmith (1994) [5]以全世界地震斷層之長度及地震矩規模迴歸而得之經驗式，其正斷層破裂面(*A*)與地震矩規模(M_W)經驗公式計算：

$$M_w = 3.93 + 1.02 \log10(A)$$

Yen and Ma (2011)[6]利用 1993~2009 年間台灣地區所發生之 20 個地震之資料，分析所得斷層破裂長度(A_e)與地震矩規模(M_W)經驗公式(如下式)計算：

$$\log_{10}(A_e) = -14.77 + 0.92 \log_{10}(m_0)$$

再依 Kanamori (1977) [7]之 M_w 與 m_0(seismic moment)關係式換算 Mw，其經驗公式如下式：

$$M_w = \frac{2}{3}\log_{10}(m_0 \times 10^7) - 10.7$$

利用 Wells and Coppersmith (1994)[5]公式估算其最大規模為 7.53，Yen and Ma (2011)[6]公式估算其最大規模為 7.21，故山腳斷層規模設為 7.37。

2.3.5 斷層最短距離估算

核一廠位於山腳斷層下盤，其核一廠與山腳斷層相對位置示意圖如圖 4，其中 Z_{TOR} 為破裂面頂部的深度，單位為公里；R_{RUP} 為目標工址至斷層破裂面的最短距離，單位為公里；R_{JB} 為 Joyner–Boore 距離描述目標工址至斷層破裂面投影至地表面區域的最短距離，單位為

公里；R_X 為目標工址至斷層破裂面上緣垂直投影至地表之延伸線的最短距離，單位為公里；Dip 為斷層的傾角；

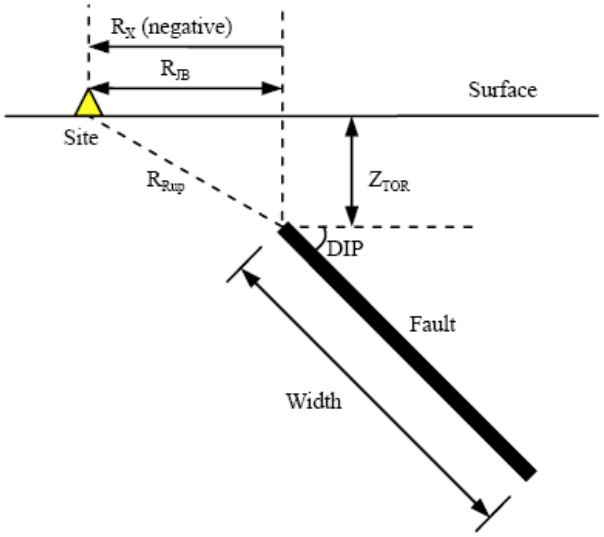
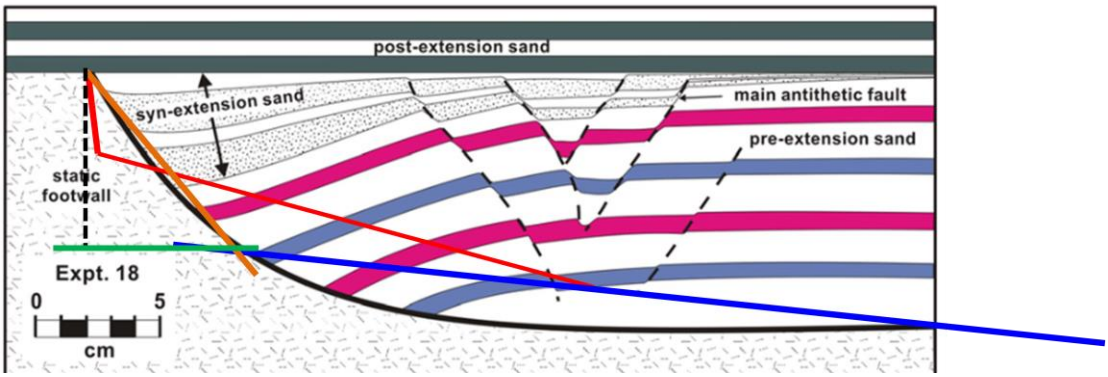


圖 4 目標工址至斷層相對位置示意圖(下盤)(Carlton, 2014) [8]

假設斷層破裂至頂部時，則 Z_{TOR}=0 公里，各距離可由核一廠座標及山腳斷層位置推估，其 Rx 為 6.5 公里，且 R_{JB} 及 R_{RUP} 皆為 6.5 公里。

2.3.6 斷層輸入參數

由於 4 組衰減式中(ASK14adj、CY14adj 及 CB14adj、Phung19)參數中有傾角且只設定一個，故將山腳斷層 0~8 公里間傾角簡化為一層，傾角簡化示意如圖 5，傾角的設定對於上下盤因子有明顯差異，傾角的變動對於下盤不明顯，且不會改變最短距離，對於上盤則會造成最短距離及上盤效應之變動，而山腳斷層是向東傾斜，核一廠位於山腳斷層之下盤，傾角變化則不影響，其最短距離均是 6.5 公里，簡化傾角採用 0~8 公里平均值 (83 ° +15 °)/2= 49 °，其總寬度 41.47 公里不變，則傾角 49 °深度變為 0~6.575 公里，傾角 6 °深度變為 6.575~10 公里，山腳斷層輸入參數表詳如表 2。



Listric fault model (McClay & Buchanan, 1992[9]; Sinclair, 2023[10])

圖 5 傾角簡化示意圖

表 2 山腳斷層輸入參數表

	參數	單位
斷層長	77.7	公里
斷層寬度	41.47	公里
斷層面積	3222	平方公里
規模(M_w)	7.37	--
最短距離(R_{rup})	6.5	公里
斷層傾角(Dip)	49	度
R_x	6.5	公里
R_{jb}	6.5	公里
Z_{TOR}	0	公里
V_{Sd30}	760	m/s

2.4 定值法分析結果

由衰減公式推算 PGA 值結果如表 3 所示，以山腳斷層面積為 3,222 平方公里時，地震矩規模為 7.37，最短距離為 6.5 公里，所計算之 PGA 中值為 0.332 g，標準偏差採用 9 組衰減式所得 PGA 值之樣本標準偏差，則中值加 1 個標準偏差值為 0.441 g。

表 3 定值法地震危害度評估結果

衰減公式	PGA 值(g)
ASB14 adj	0.503
ASK14 adj	0.308
Bi14 adj	0.294
BSSA14 adj	0.202
CB14 adj	0.170
CY14 adj	0.378
I14 adj	0.473
Phung19	0.342
Chao19	0.315
平均	0.332
平均+Sigma	0.441

2.5 設計反應譜

本評估依據定值法所得之反應譜加速度值，建構核一廠之水平與垂直設計反應譜(阻尼比=5%)，如圖 6 所示，其黑粗線為 9 組衰減式所得反應譜之平均反應譜，藍粗線為平均反應譜加 1 個標準偏差值之反應譜。

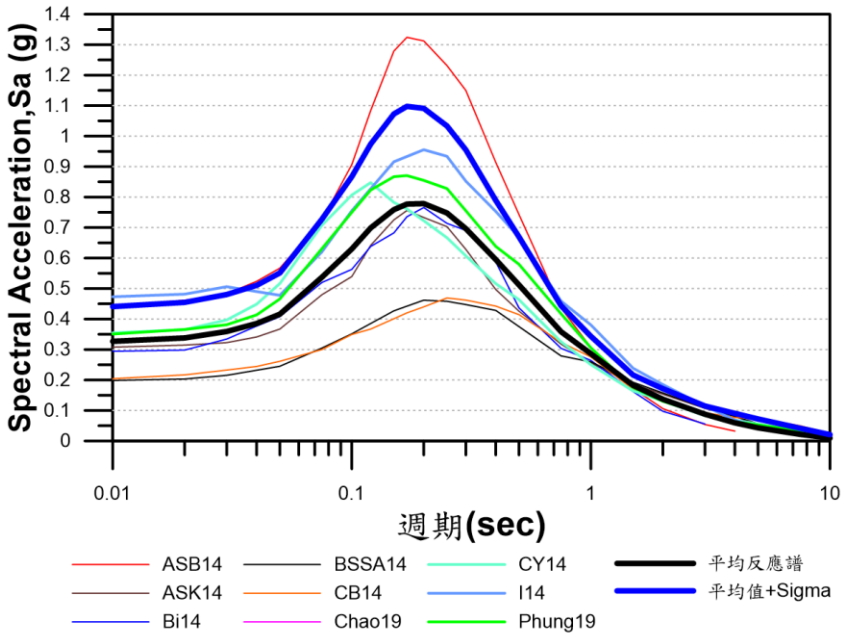


圖 6 定值法所得之反應譜圖

2.6 加速度歷時曲線

依建築物耐震設計規範及解說(111 年)[1]3.6.1 節，輸入地震採七個以上之平均反應譜，於基盤面位置(V_{Sd30}=760m/s)輸入地震歷時採 7 組時，基礎面檢核反應譜為 7 組平均值之結果，而此廠址區域內依據現地試驗其 V_{S30} 為 257.1~463.6m/s，平均 V_{S30} 為 358.1m/s，故選取輸入地震測站的 V_{S30} 介在此範圍中，V_{S30} 之來源國震中心的全國強震測站場址工程地質資料庫，因廠區內並無收錄到規模較大地震之地震歷時紀錄，且台灣地區亦無正斷層造成之較大地震事件，故無代表性之地震歷時紀錄，經綜合評估後，候選地震歷時紀錄事件與測站資訊如表 4 所示。

表 4 候選地震歷時紀錄事件與測站資訊一覽表

發震時間	規模 (M_w)	測站	位置	震央距 (Km)	最短距離 Rrup	V_{s30} (m/s)	PGA(gal)		
							EW	NS	Z
88.09.21 01:46:59	7.60	TCU078	上盤	5.69	3.72	444.5	439.7	302.5	171.0
88.09.21 01:46:59	7.60	TCU079	上盤	8.14	5.79	353.9	579.8	416.9	383.8
88.09.25 07:52:32	6.49	TCU079	上盤	11.17	5.79	353.9	763.5	612.8	565.4
88.10.22 10:19:01	6.40	CHY087	--*	19.56	23.0	508.0	310.2	287.2	96.84
102 06.02 13:43:03	6.30	TCU148	--*	10.86	18.1	513.5	433.7	372.9	209.0
105 02.06 03:57:26	6.40	KAU020	--*	2.46	14.8	344.2	203.6	181.4	106.5
107 02.06 23:50:41	6.40	HWA048	下盤	18.30	19.4	349.8	204.6	303.3	271.4

*無對應之斷層，故無明確上下盤

2.7 人造地震歷時成果

本分析之人造加速度歷時曲線利用 RSPMatch09 程式製作，該程式是依據 Atik and Abrahamson (2010)[11]之方法，於時間域以小波轉換函式(wavelet)，使其疊代匹配與設計地震加速度反應譜一致，其人造加速度歷時訊號可保有候選地震紀錄外觀與相角特性，其設計反應譜為定值法所得平均反應譜加 1 個標準偏差值之反應譜，候選地震紀錄為表 4 所列之地震歷時，且依美國 NRC SRP 3.7.1[12]中 II. ACCEPTANCE CRITERIA 內容，人造地震歷時分析須符合以下條件：

(1) 候選地震歷時加速度反應譜線型，於構造物及設施分析中關切之震動模態頻率範圍內(Frequency of Interest)，應與設計地震加速度反應譜線型有相似線型。製作之人造地震歷時訊號具有候選地震紀錄外觀與相角特性。(SRP 3.7.1 Page 3.7.1-9) [12]

(2) 為確保人造地震歷時之間的獨立性，各方向人造地震歷時之相關係數不能超過 0.16。(SRP 3.7.1 Page 3.7.1-9) [12]

(3) 人造地震歷時強地動之時間長度至少應有 6 秒，強地動時間長度定義為 Arias Intensity 從最大值的 5%增加至 75%所需時間。(SRP 3.7.1 Page 3.7.1-10) [12]

(4) 本計畫採用 1 組地震歷時，依據 SRP 3.7.1 內容，選用 Option 1 之 Approach 1 進行加速度反應譜以及功率頻譜密度(Power Spectral Density，PSD)之檢核。(SRP 3.7.1 Page 3.7.1-10) [12]

(5) 人造地震歷時反應譜線型應包絡設計反應譜，不應有超過 5 點分析頻率之反應譜值低於設計反應譜，且低於設計反應譜之值不應低於 90%設計反應譜。

(6) 人造地震歷時之 PSD(Power Spectral Density)需符合 SRP3.7.1[12] 中 Appendix A 公式之建議值(如表 5)，檢核之頻率範圍為 0.3Hz-24Hz。 (SRP 3.7.1 Page 3.7.1-11 與 Appendix A) [12]

表 5 PSD 檢核公式

頻率範圍 (Hz)	規定之平均 PSD 計算公式	備註
< 2.5	$0.419 m^2/sec^3 (f / 2.5Hz)^{0.2}$	➢ f 為平均 PSD 計算之頻率值 ➢ 人造地震歷時之平均 PSD 計算方式為，以 f 為中心，正負 20%頻率值之 PSD 平均，需大於 80%規定值 ➢ PSD 規定值為 PGA=1g 值，若人造地震歷時 PGA 不為 1g，規定值應乘上人造地震歷時 PGA^2
2.5 - 9.0	$0.419 m^2/sec^3 (2.5Hz / f)^{1.8}$	
9.0 - 16.0	$0.0418 m^2/sec^3 (9.0Hz / f)^3$	
>16.0	$0.00742 m^2/sec^3 (16.0Hz / f)^8$	

本計畫利用 Atik and Abrahamson (2010) [11]提出之方法，將表 4 中 7 組地震歷時擬合基盤面之反應譜，其擬合後之反應譜詳如圖 7，擬合後之加速度歷時詳如圖 8~圖 14，圖中黑線為定值法所求得之基盤面反應譜，藍線為東西向擬合反應譜，紅線為南北向擬合反應譜。

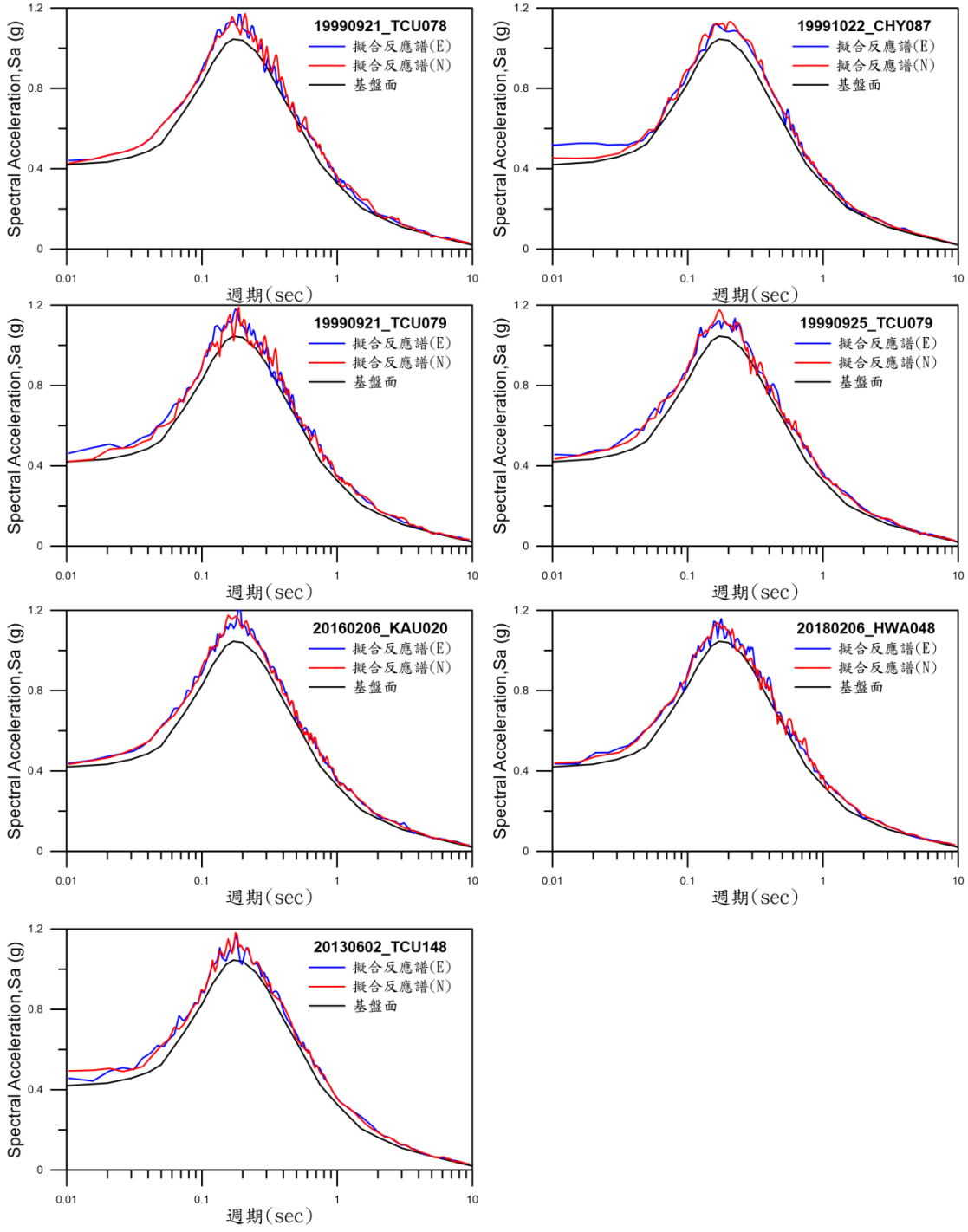


圖 7 基盤面與擬合後之反應譜比較圖

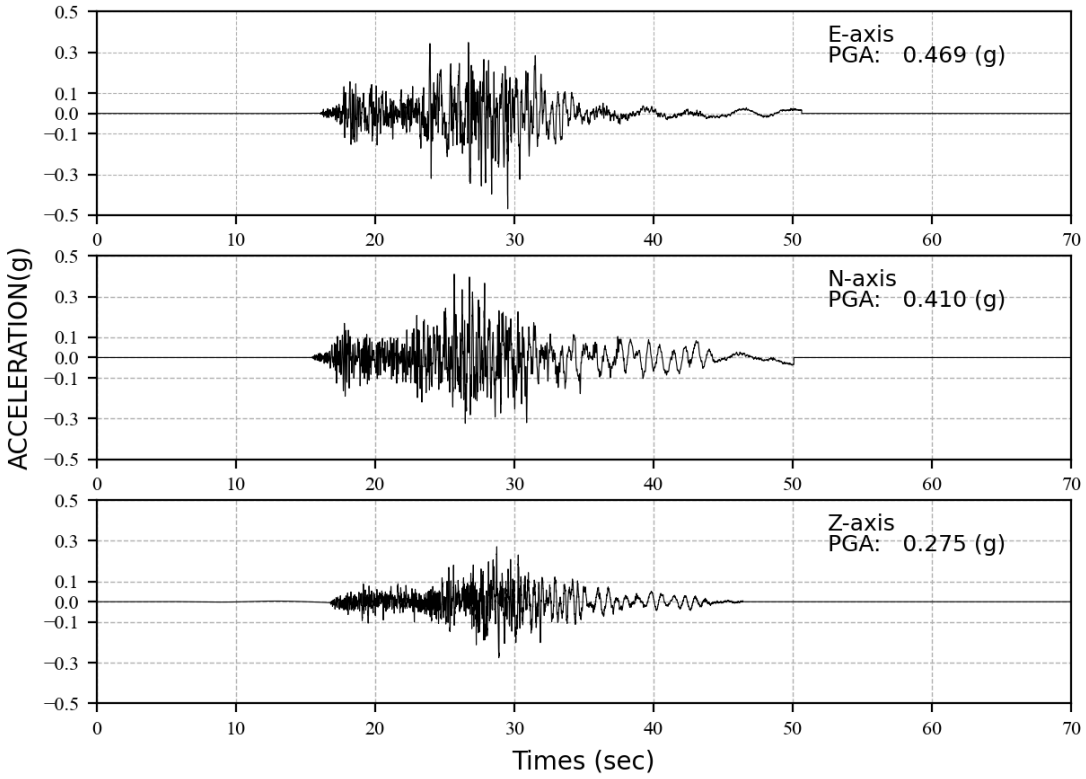


圖 8 基盤面 19990921_TCU079 之地震歷時

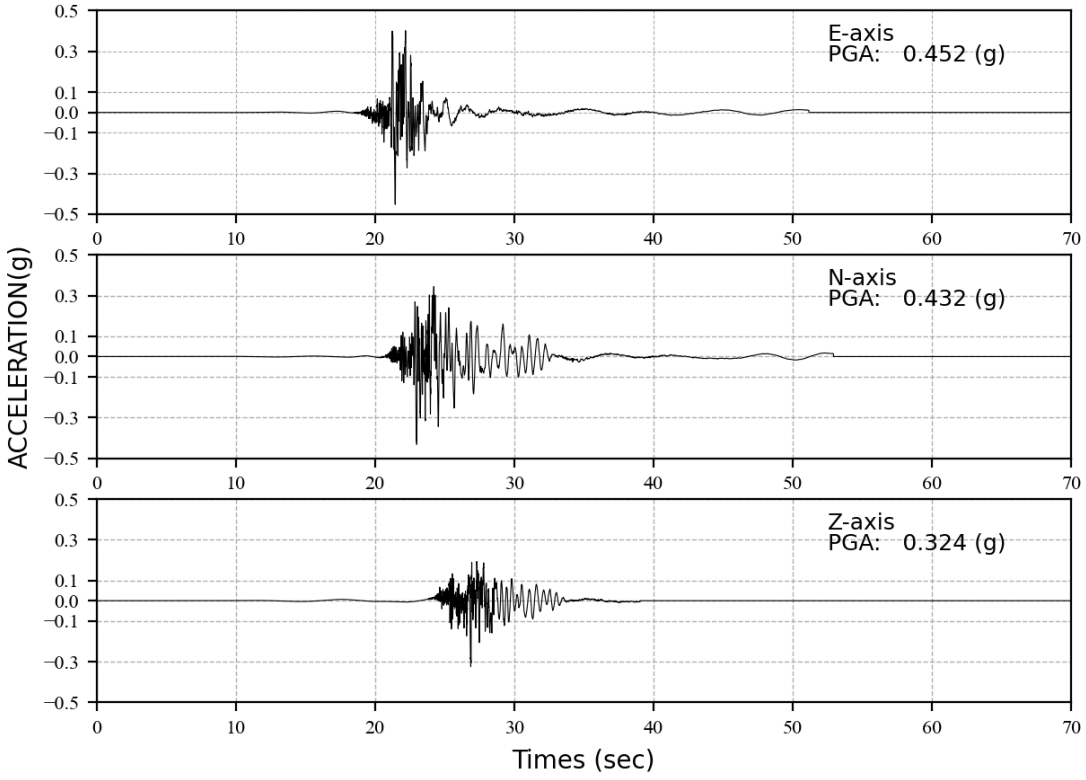


圖 9 基盤面 19990925_TCU079 之地震歷時

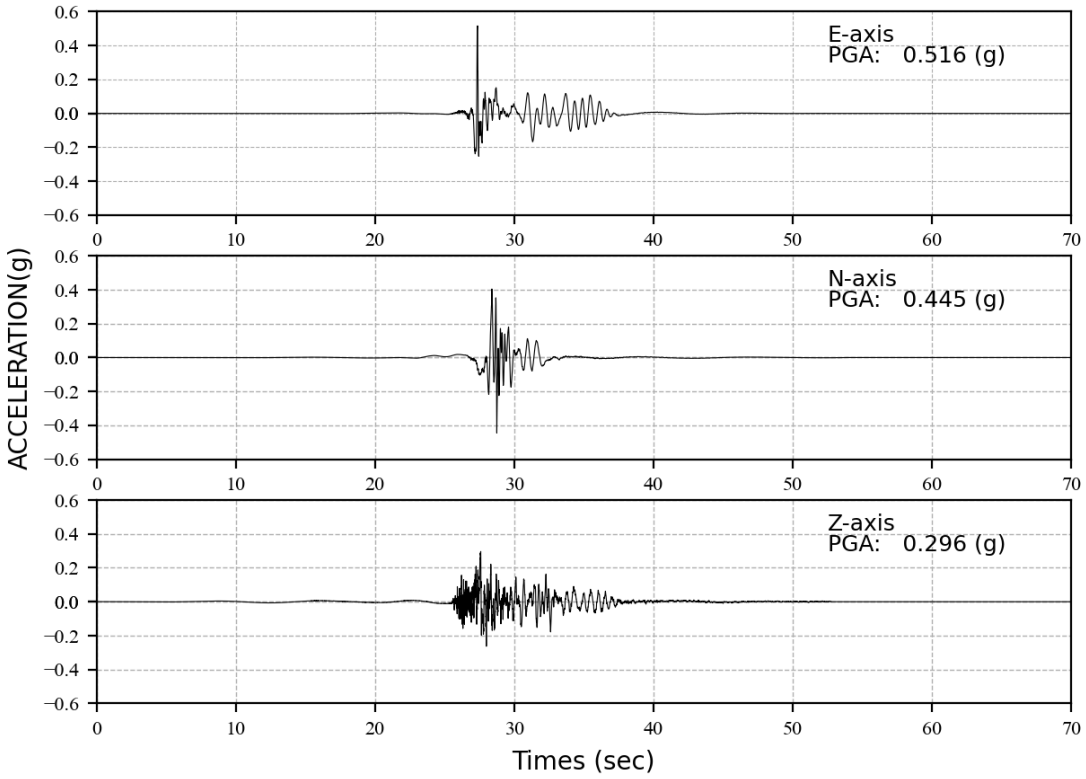


圖 10 基盤面 19991022_CHY087 之地震歷時

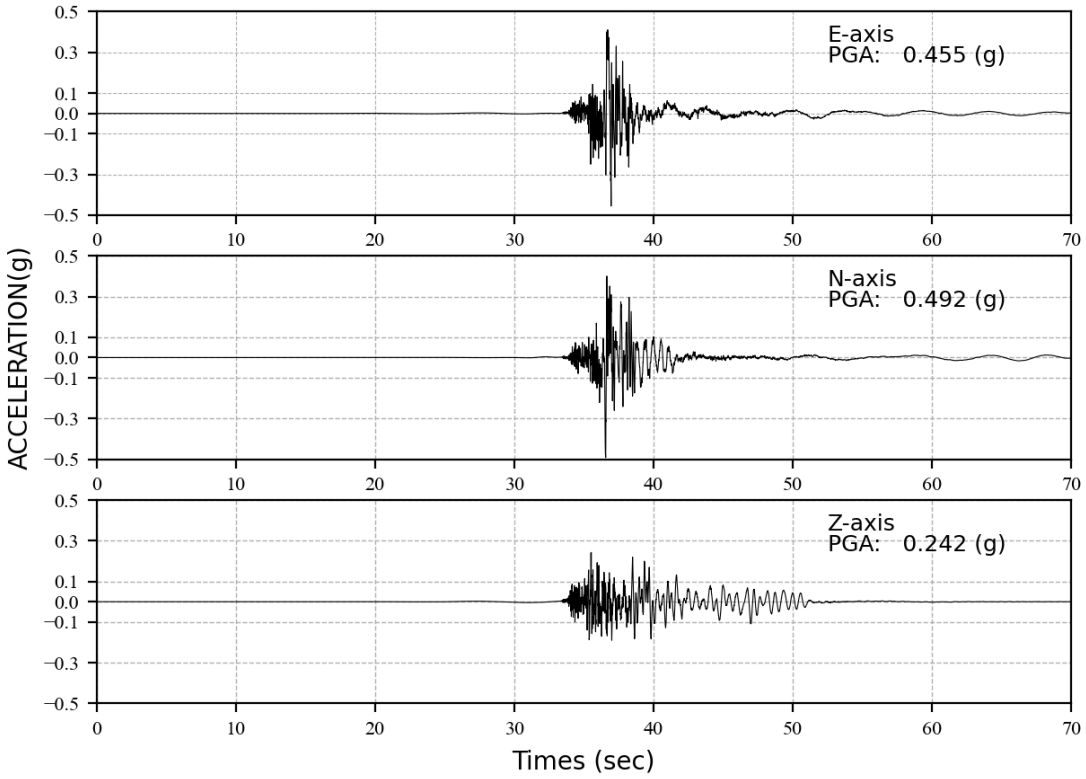


圖 11 基盤面 19990921_TCU078 之地震歷時

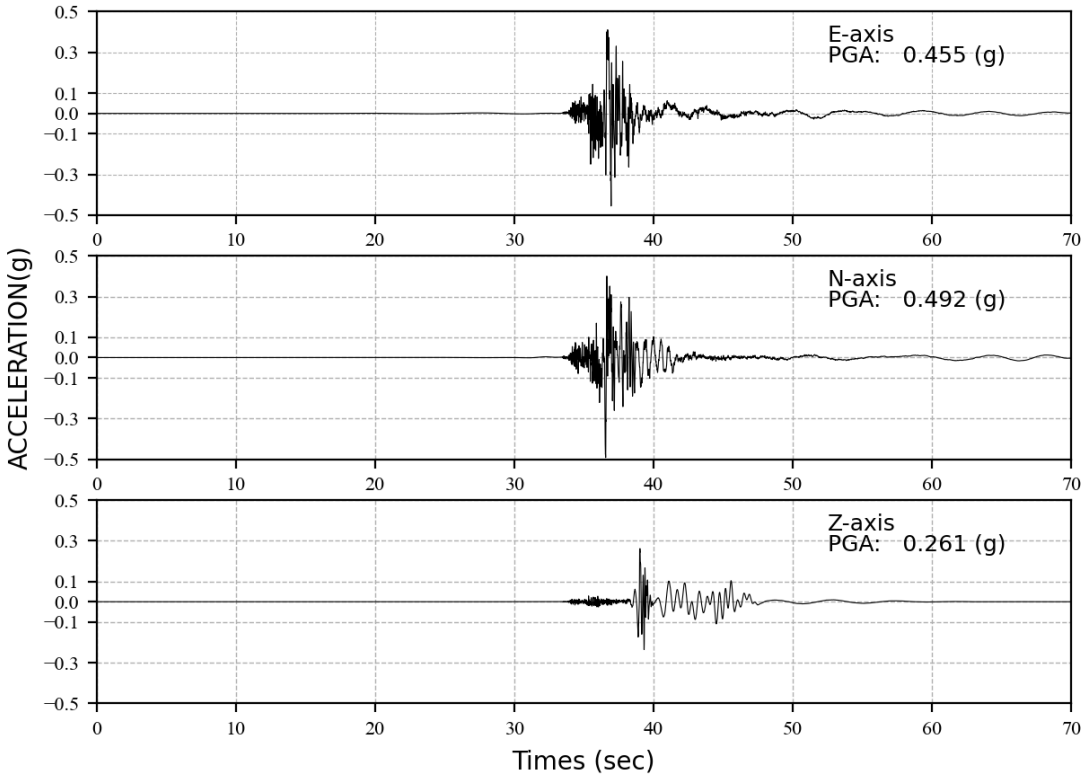


圖 12 基盤面 20130602_TCU148 之地震歷時

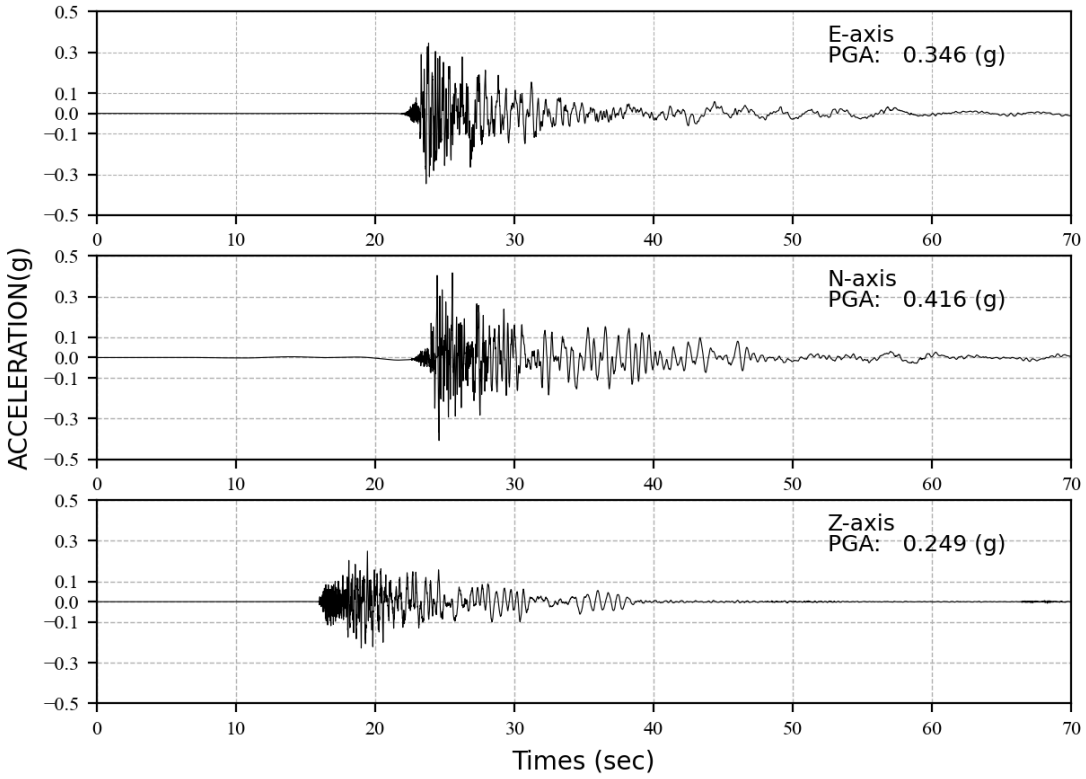


圖 13 基盤面 20160206_KAU020 之地震歷時

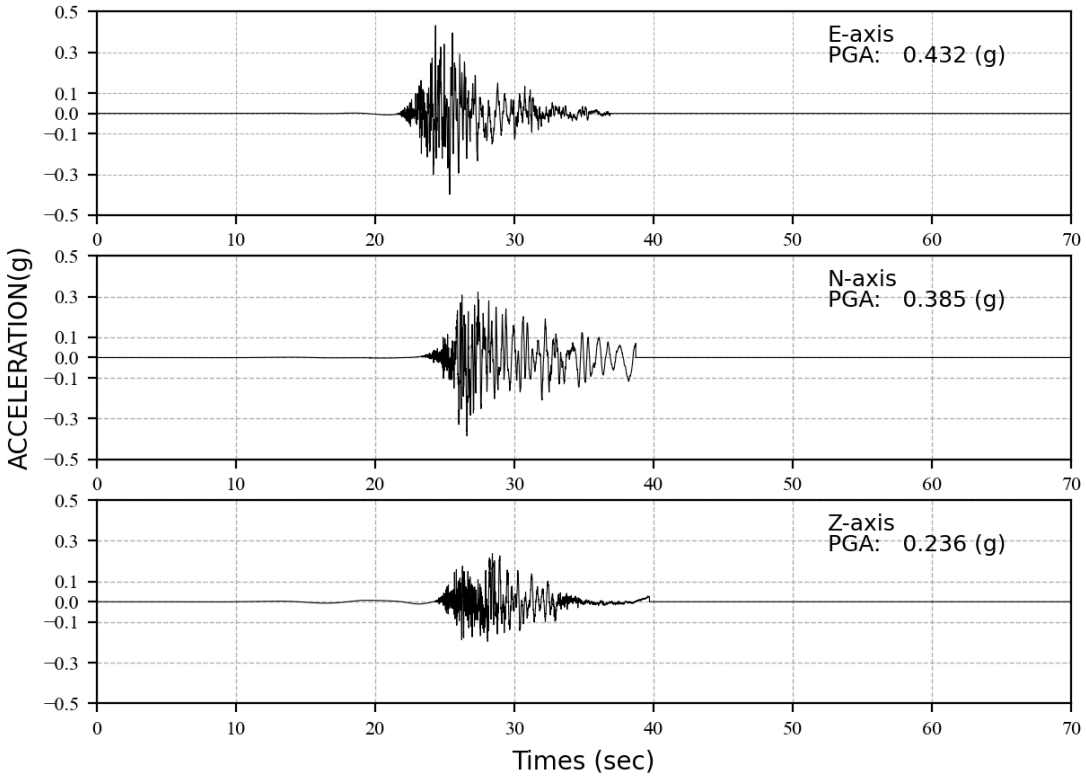


圖 14 基盤面 20180206_HWA048 之地震歷時

三、地層動態特性分析

為決定核一廠低放射性廢棄物貯存庫進行土壤結構互制分析時，於基礎底面之輸入地震加速度歷時，本報告自由場地震反應之分析方法採用 Schnabel 等人(1972) [13]所提出的 SHAKE 理論與流程，來分析當土層受到由基礎岩盤(base rock)向上傳遞之剪力波的作用下，依據土層之特性來預測可能產生的地盤反應。

SHAKE2000 (1968[14]，1972[13]，1992[15])為目前工程實務常用之方法，是以一維波傳理論為基礎發展而成，常用的一維土層理論模型如圖 15 所示，將一維土層模型視為多層狀構造體，其中土層為水平方向無限延伸之均質性土壤層，當 N-1 個土層覆蓋在半無限空間的基礎岩盤之上，其中各覆蓋層厚度，介質質量密度和剪切模量分別為 G_n、ρ_n和 V_n，n =1、2、...、n-1，半無限空間的基礎岩盤的質量密度和剪切模量為ρ_N和 μ_N。假設剪力波由基礎岩盤垂直向上傳播且質點振動為水平方向運動時，故各地層間的地震運動，可由一維波傳理論推導土層間的轉換函數計算得到。

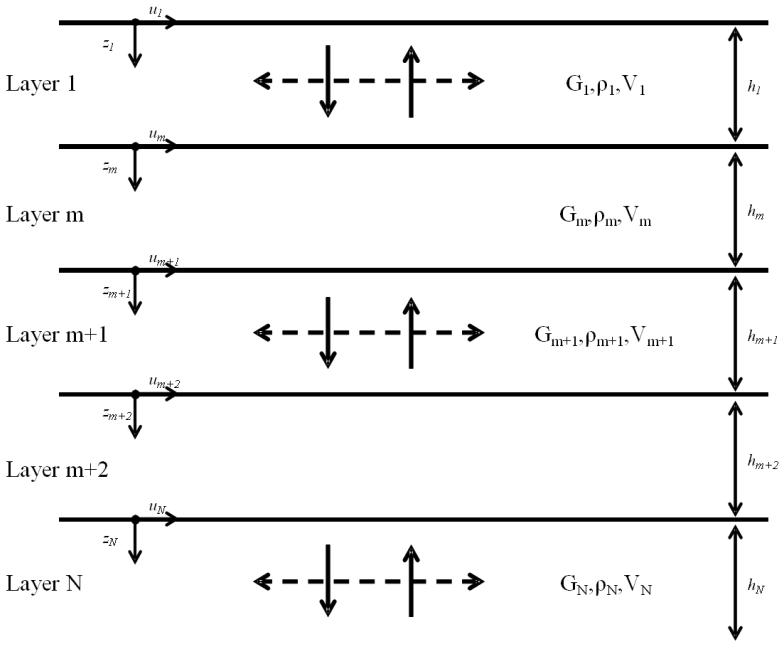


圖 15　SHAKE2000 地層計算模型

3.1 工址地層參數

3.1.1 動態特性曲線

剪力模數及阻尼比性質曲線採用「地震危害與篩選報告-金山核能發電廠」(110 年)[16]，此報告中透過專家利用深度 30 公尺範圍內之廠址現地岩土的現地地質調查資料與室內岩土材料動態試驗結果，提出非線性材料參數曲線，即為本報告中之 V_0。此報告中針對類土壤(Soil-like)行為到岩石行為的中間過程，提出過渡區(Transition Zone)非線性材料參數曲線，其定義於深度 30 至 255 公尺範圍內非線性材料參數曲線，即為本報告中之 V_1。核一廠輸入之剪力模數及阻尼比與剪應變關係詳如圖 16 及表 6。

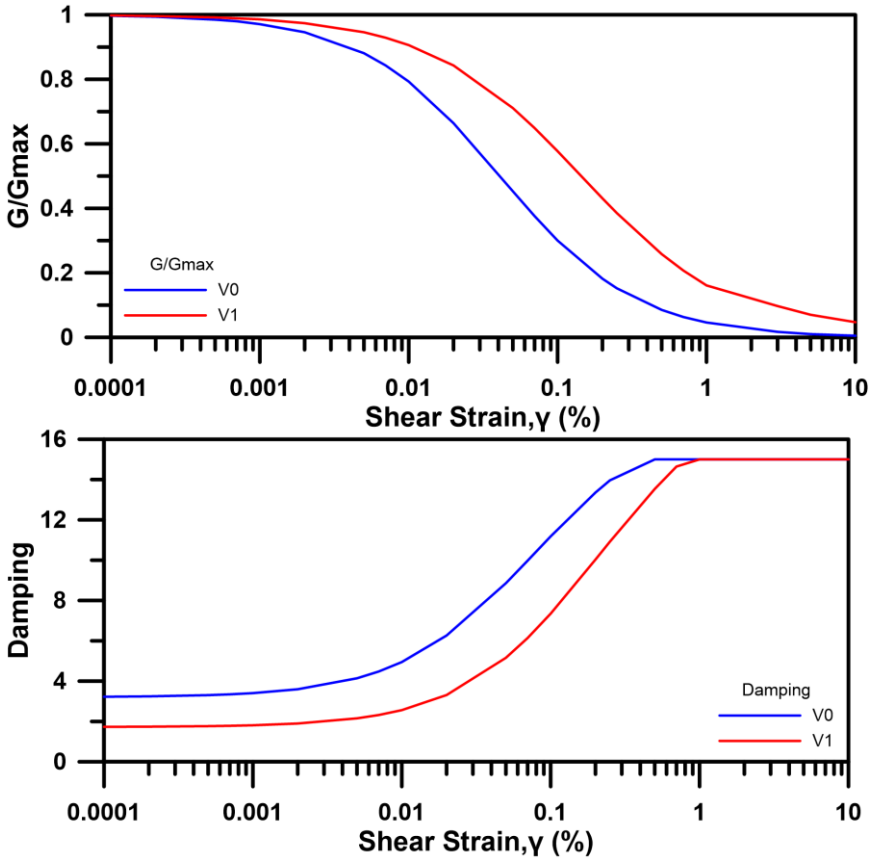


圖 16 核一廠輸入之動態特性曲線圖

表 6 動態特性曲線參數表

V0			V1		
Shear Strain, γ (%)	G/Gmax	Damping	Shear Strain, γ (%)	G/Gmax	Damping
0.0001	0.997	3.226	0.0001	0.998	1.732
0.0002	0.994	3.246	0.0002	0.996	1.741
0.0005	0.985	3.306	0.0005	0.992	1.767
0.0007	0.98	3.346	0.0007	0.989	1.785
0.001	0.971	3.405	0.001	0.986	1.811
0.002	0.946	3.598	0.002	0.974	1.899
0.005	0.881	4.142	0.005	0.946	2.155
0.007	0.843	4.478	0.007	0.929	2.32
0.01	0.793	4.947	0.01	0.906	2.562
0.02	0.664	6.264	0.02	0.843	3.311
0.05	0.453	8.859	0.05	0.711	5.158
0.07	0.376	9.977	0.07	0.649	6.139
0.1	0.3	11.182	0.1	0.577	7.349
0.2	0.182	13.357	0.2	0.431	10.031
0.25	0.152	13.963	0.25	0.385	10.923
0.5	0.085	15	0.5	0.258	13.535
0.7	0.063	15	0.7	0.207	14.646
1	0.046	15	1	0.161	15
3	0.017	15	2	0.097	15
5	0.01	15	3	0.07	15
10	0.005	15	5	0.047	15

3.1.2 地層波速

淺層地層波速(深度<30 公尺)採用過去其他計畫鄰近本廠址之鑽孔試驗資料，資料來源為「陸域火山與海域火山島調查暨評估工作」(106) [17]的懸盪式井測試驗資料(BH3)、「核一廠除役計畫保留區(暫貯)設施場址地質特性調查評估工作」(106)[18]的懸盪式井測試驗資料(DH-2、DH-4、DH-5 和 DH-8)及「核一廠二期乾式貯存設施水保範圍及場址補充地質調查評估技術服務工作」(109 年)[19]的懸盪式井測試驗資料(SH-1 和 SH-2)，及本計畫所鑽之懸盪式井測試驗資料(ST7 和 ST8)，其各試驗孔位分佈詳如圖 17(圖上並標示本計畫規劃鑽孔位置供參考)，不同鑽孔之速度構造表列於表 7，以既有鑽孔 9 孔之試驗資料，依據 Boore, D. M. (2016) [20]中波慢理論，將每層波速轉換波慢（slowness），取每層波慢平均值，再轉為地層波速，深度大於 30 公尺之地層波速採用「地震危害與篩選報告-金山核能發電廠」(110 年) [16]中波速剖面，其綜整之結果詳如圖 18，圖中粗粉紅虛線為「地震危害與篩選報告-金山核能發電廠」(110 年) [17]利用歷年地質調查報告與現地試驗成果，經評估後針對核一廠廠區設定 3 組淺部波速基準剖面，分別稱中值(Best- Estimated, BE)基準、上值基準(Upper Base, UB)剖面以及下值基準(Lower Base, LB)，核島區 BE 即為中值(Best- Estimated, BE)基準。

將歷年來廠址鄰近區域的 9 孔之懸盪式井測試驗資料，其取點為一公尺取一點，將相同深度取平均值，取平均值時需考慮地表高程的差異，依據現地地質剖面，東西及南北高程，相差不到 1 公尺，故高程不需要調整，其深藍粗線為本計畫淺層平均波速結果，淺層平均波速趨勢接近核島區 BE 波速剖面，因此淺層剖面於深度 30 公尺連結核島區 BE 波速剖面，核島區 BE 於 85-255 公尺為 730m/s-980 m/s，因本計畫岩盤深度位於 760m/s 之位置，假設波速隨深度遞增，利用內插評估得 760m/s 之位置為 106 公

尺，故假設 106-120 公尺為 760 m/s。則粗藍線為本計畫所採用之地層波速。

簡化地層之地層波速詳如表 8，地層分層是依據「核一廠二期乾式儲存設施水保範圍及場址補充地質調查評估技術服務工作」(109)[19]，表面波震測之結果(圖 19)，其分層如下:

(1) A 層：剪力波速低於 360 m/s，本區內波速最低之地層，其地層岩性為最鬆軟的地層材料，主要為近地表極淺層之岩石碎屑或土壤回填區，其厚度約為 5 公尺。

(2) B 層：剪力波速介於 360~400 m/s，以火山岩塊、角礫為主，深度約為 5-10 公尺。

(3) C 層：剪力波速介於 400~450 m/s，以砂岩夾薄頁岩或砂頁互層為主，可能因較風化或膠結不佳，其剪力波速不高。

(4)D 層：剪力波速度高於 500 m/s，為較緻密岩盤。

密度取自「地震危害與篩選報告-金山核能發電廠(110)」[16]報告裡中值(Best- Estimated, BE)基準結果。

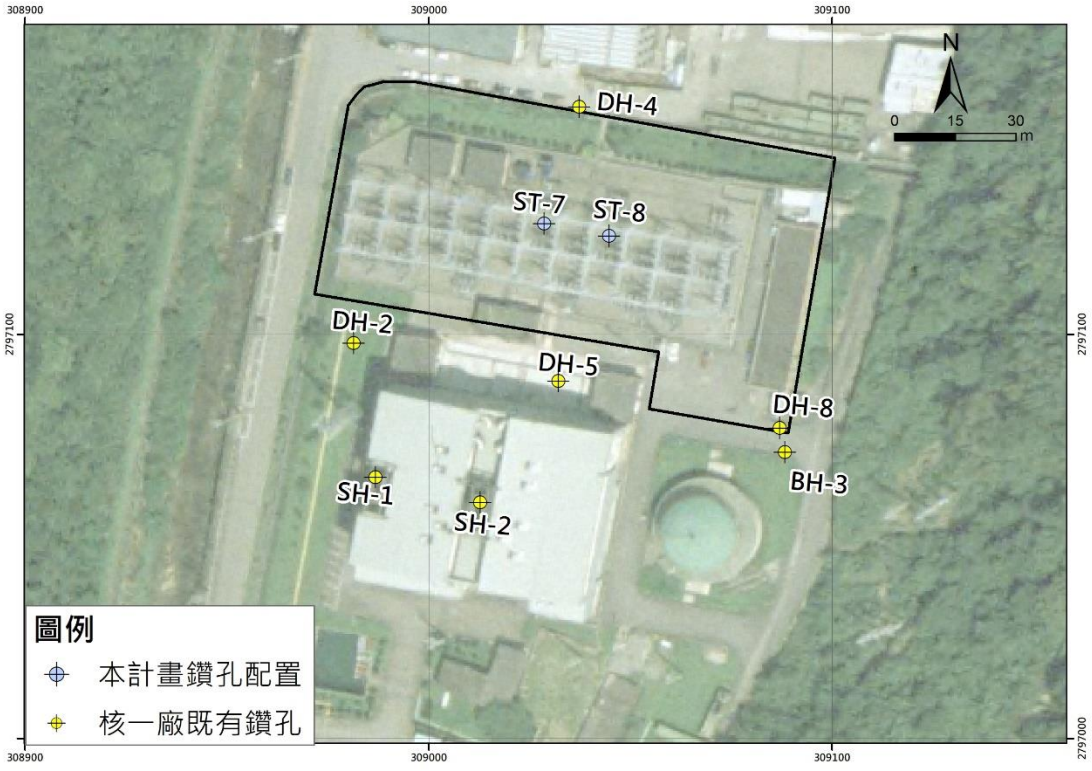


圖 17 本計畫鑽孔位置及歷年計畫懸盪式井測試驗位置

表 7 核一廠不同鑽孔之速度構造表

深度	DH-2	DH-4	DH-5	DH-8	SH1	SH2	BH03	ST7	ST8
-3	221	130	67	292	--	--	596	348	368
-4	185	169	76	248	--	--	571	272	377
-5	165	170	183	284	--	--	603	272	301
-6	188	271	254	252	--	--	596	272	356
-7	189	345	195	297	--	--	606	287	346
-8	189	343	248	310	353	--	616	361	367
-9	225	350	277	309	568	276	649	405	402
-10	249	431	311	320	419	389	694	377	346
-11	238	455	304	271	435	399	685	364	346
-12	259	394	321	305	377	351	677	373	356
-13	260	421	358	254	386	452	673	368	390
-14	326	384	369	313	241	410	669	380	346
-15	352	398	419	364	313	479	645	380	304
-16	317	417	448	402	390	431	645	385	383
-17	380	410	407	381	448	384	673	395	383
-18	343	450	413	352	526	363	641	431	445
-19	320	438	345	337	353	443	616	408	320
-20	314	509	370	360	483	439	657	461	329
-21	323	520	401	417	420	413	665	442	378
-22	414	465	392	458	509	503	685	476	430
-23	355	508	359	444	447	482	708	427	479
-24	393	530	355	417	517	543	721	452	416
-25	421	513	383	445	500	617	712	474	470
-26	493	459	398	383	652	580	721	442	550
-27	527	495	389	371	548	630	703	400	572
-28	480	487	435	365	510	627	746	472	459
-29	559	443	351	404	541	610	690	405	569
-30	387	507	374	391	411	596	717	592	451
-31	413	499	407	469	477	516	736	599	579
-32	514	523	399	504	516	582	694	606	561
-33	477	514	394	536	543	627	726	592	527

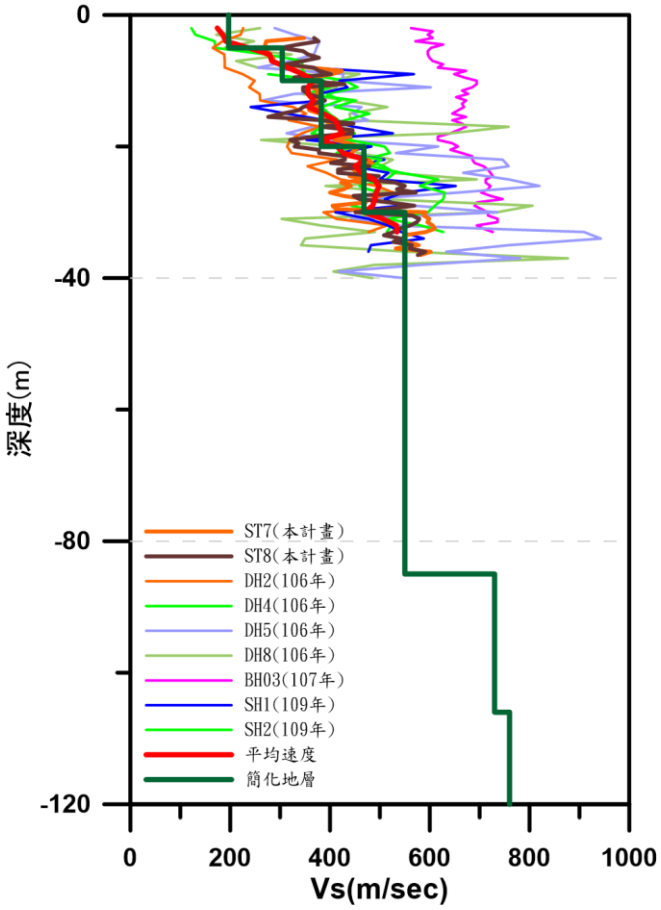


圖 18 地層深度與波速圖

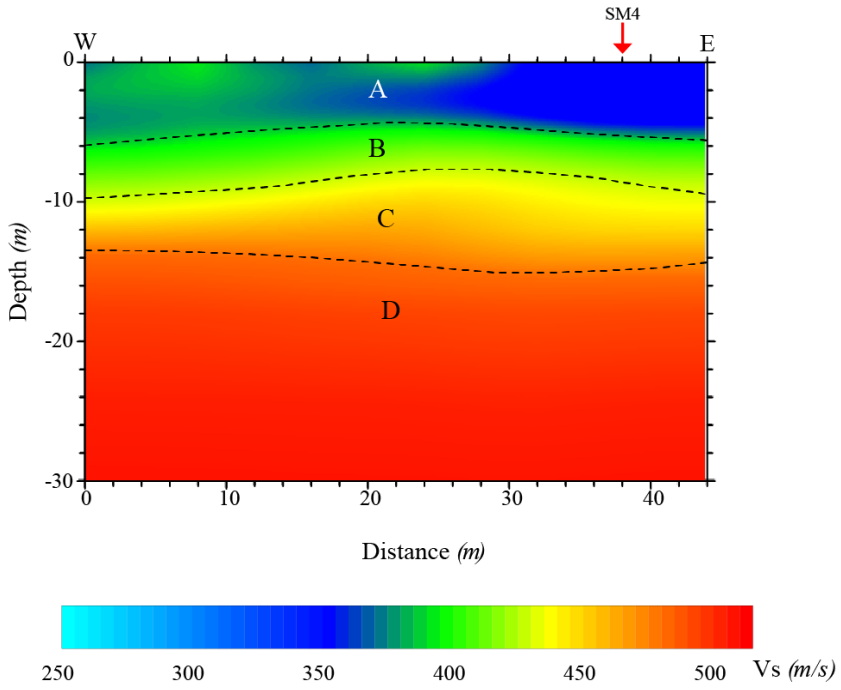


圖 19「核一廠二期乾式儲存設施水保範圍及場址補充地質調查評估技術服務工作」(109)[19]表面波震測之分層

表 8 核一廠輸入之地層速度構造

層數	深度 (m)	層厚 (m)	密度 (kN/m^3)	剪力波速 (m/s)	動態參數
1	0	5	18	194	V0
2	5	5	19	297	V0
3	10	10	19	380	V0
4	20	10	19	466	V0
5	30	55	19	550	V1
6	85	21	20	730	V1
7	106	149	20	760	--
8	255	--	21	980	--

3.1.3 輸入地震歷時

輸入地震歷依「建築物耐震設計規範及解說」(111 年)[1]3.6.1 節，輸入地震歷時採七組，其歷時為 1.7 節所模擬的七組人造歷時，地層動態特性分析使用之地震力輸入地點，為場址下方地層之剪力波速(760m/s)之位置，此位置定義為基盤面，其深度為 106 公尺(表 7)。

3.2 地盤反應分析結果

本廠址以 SHAKE2000 模擬地盤反應，其水平向不同輸入地震歷時之分析結果如表 9，其水平向 PGA 平均值分別為 0.490 及 0.501g，基礎面位於地表面下 1.5 公尺深(高程為 20.4 公尺)，基礎面對應基盤面之 PGA 值放大倍率之平均值為 1.1 及 1.1 倍。

經地盤反應分析後之基礎面加速度歷時曲線為圖 20~圖 26，圖 27 為不同輸入地震歷時之基礎面之反應譜，圖 28 為基盤面及基礎面反應譜比較圖，其中藍線及紅線為不同方向之 7 組反應譜之平均值，提供後續結構檢核使用。

表 9 地盤反應分析結果

		E		N	
		PGA 值 (g)	PGA 值放大倍率	PGA 值 (g)	PGA 值放大倍率
基礎面	19990921_TCU079	0.495	1.1	0.554	1.3
	19990925_TCU079	0.480	1.1	0.517	1.2
	19990921_TCU078	0.407	0.9	0.462	1.0
	19991022_CHY087	0.509	1.2	0.520	1.2
	20130602_TCU148	0.683	1.5	0.505	1.1
	20160206_KAU020	0.488	1.1	0.541	1.2
	20180206_HWA048	0.475	1.1	0.420	1.0
	平均	0.505	1.1	0.503	1.1

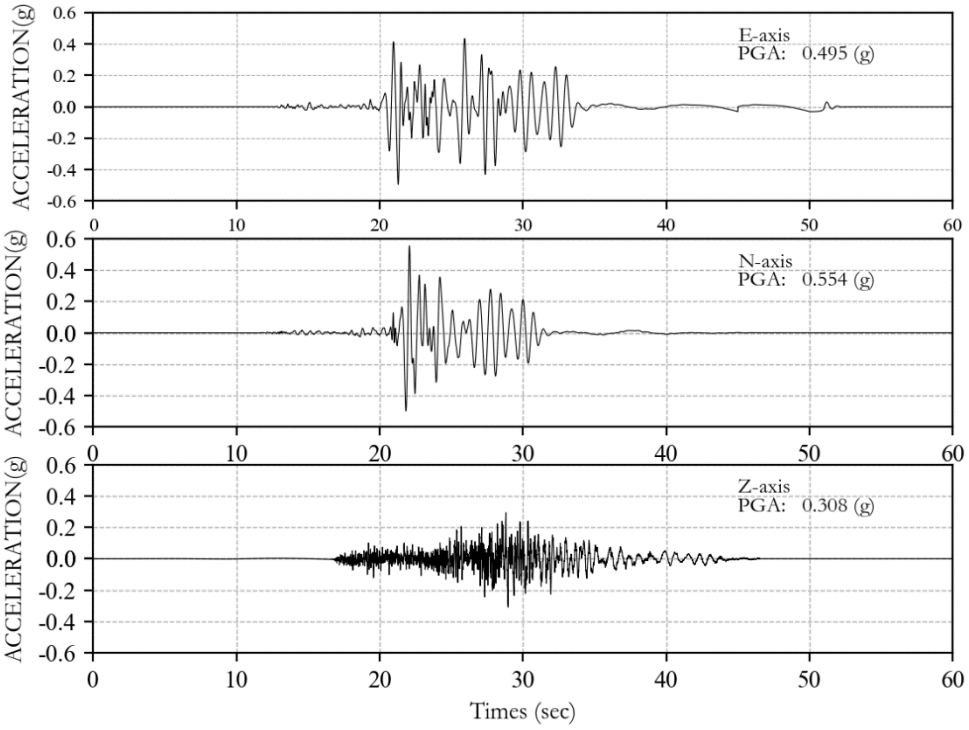


圖 20 基礎面 19990921_TCU079 之地震歷時

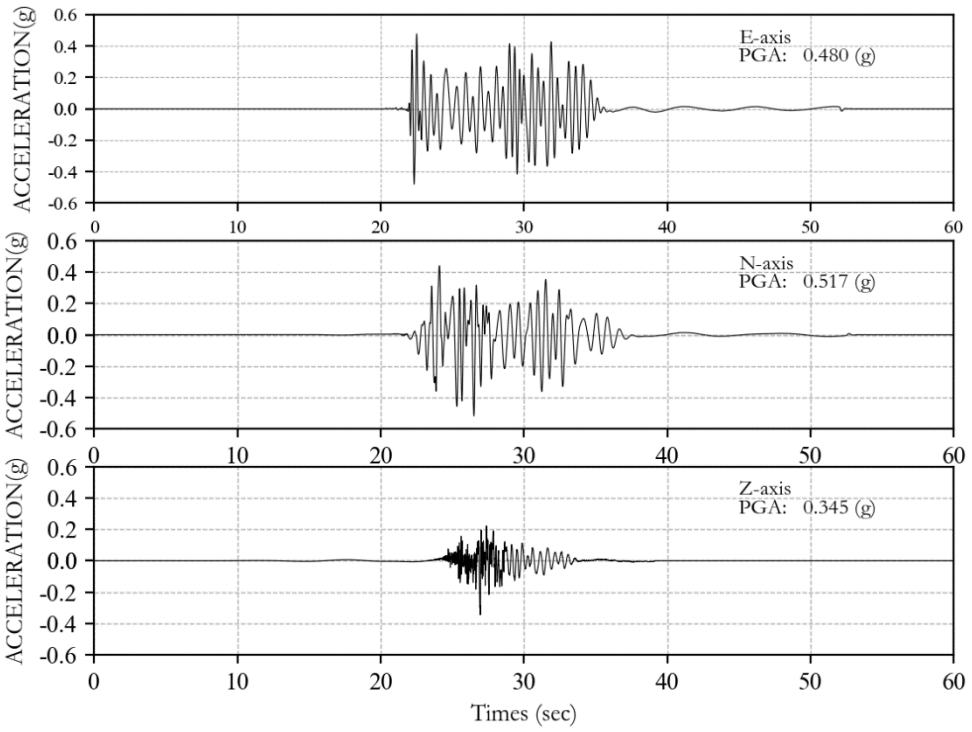


圖 21 基礎面 19990925_TCU079 之地震歷時

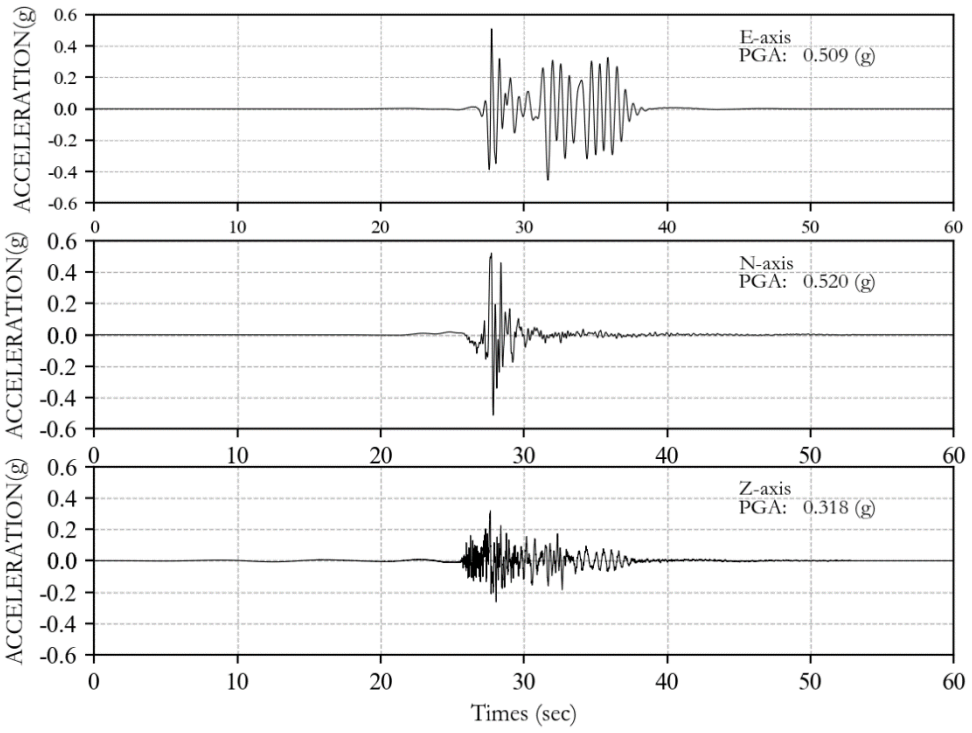


圖 22 基礎面 19991022_CHY087 之地震歷時

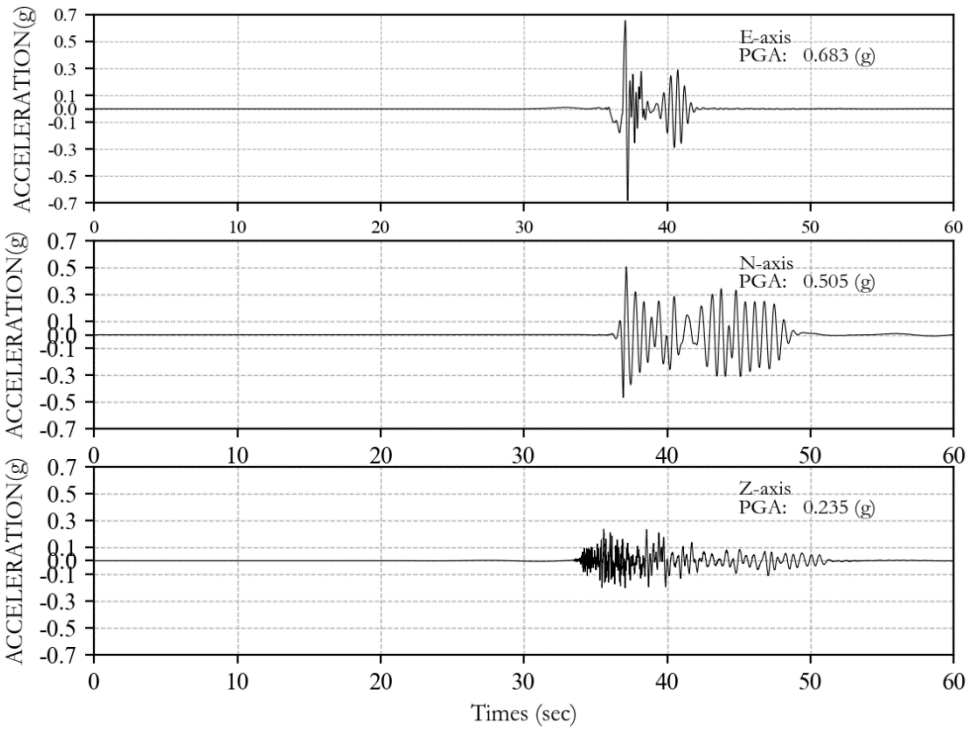


圖 23 基礎面 20130602_TCU148 之地震歷時

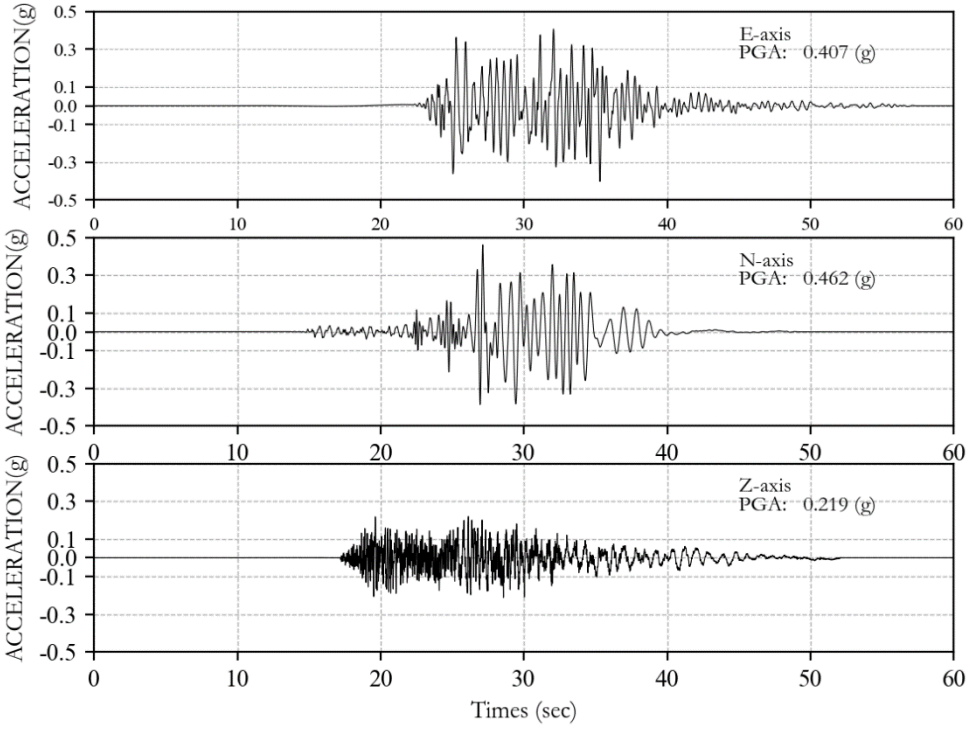


圖 24 基礎面 19990921_TCU078 之地震歷時

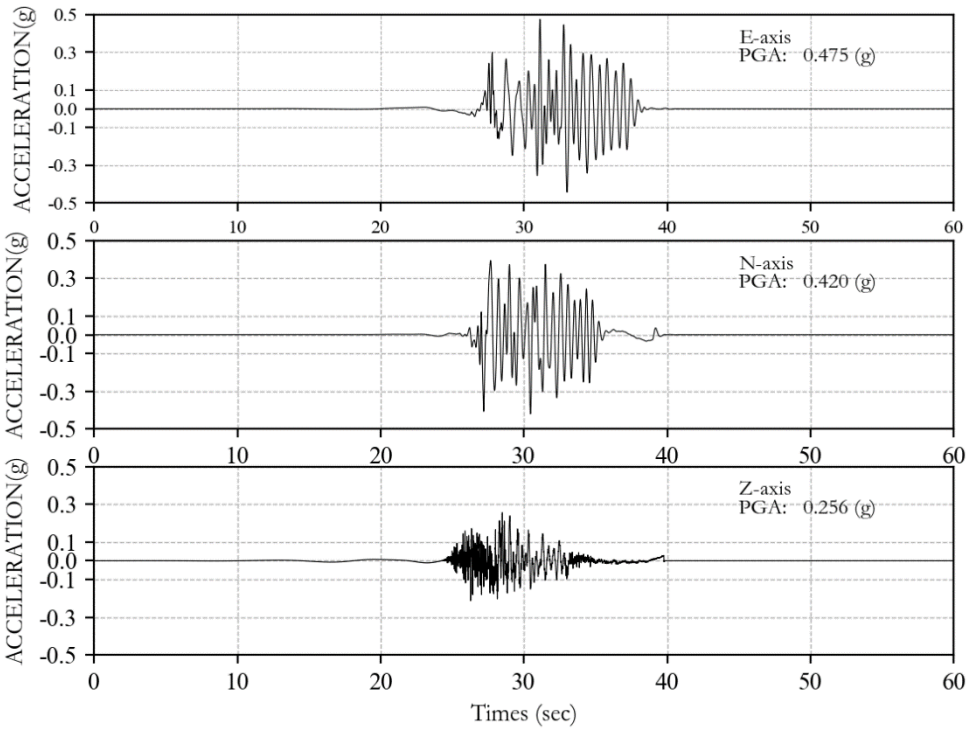


圖 25 基礎面 20180206_HWA048 之地震歷時

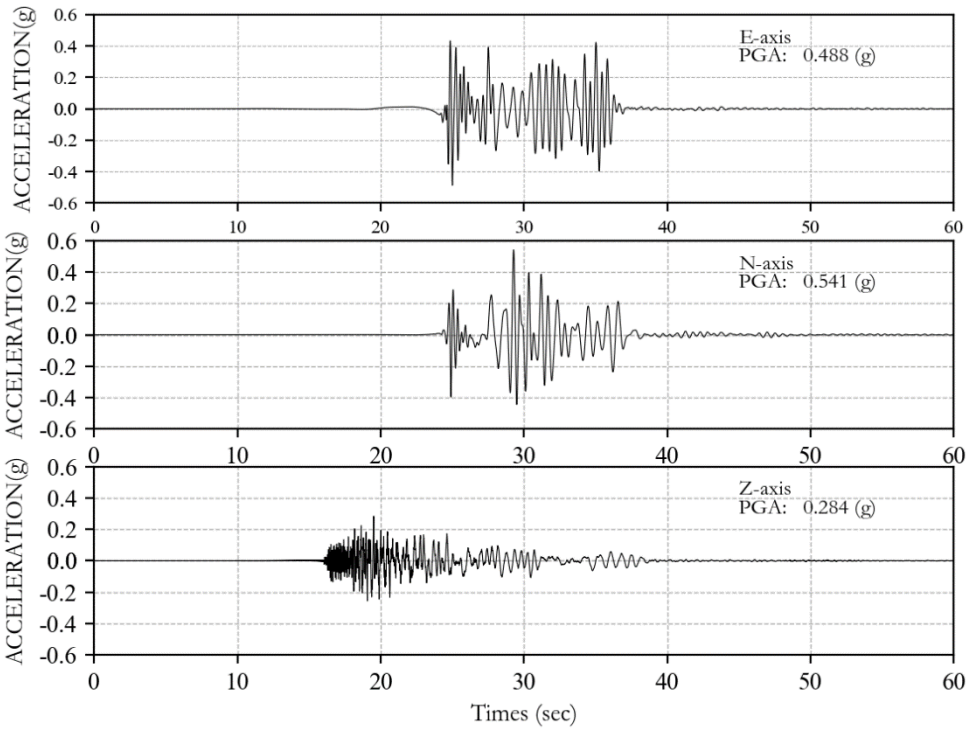


圖 26 基礎面 20160206_KAU020 之地震歷時

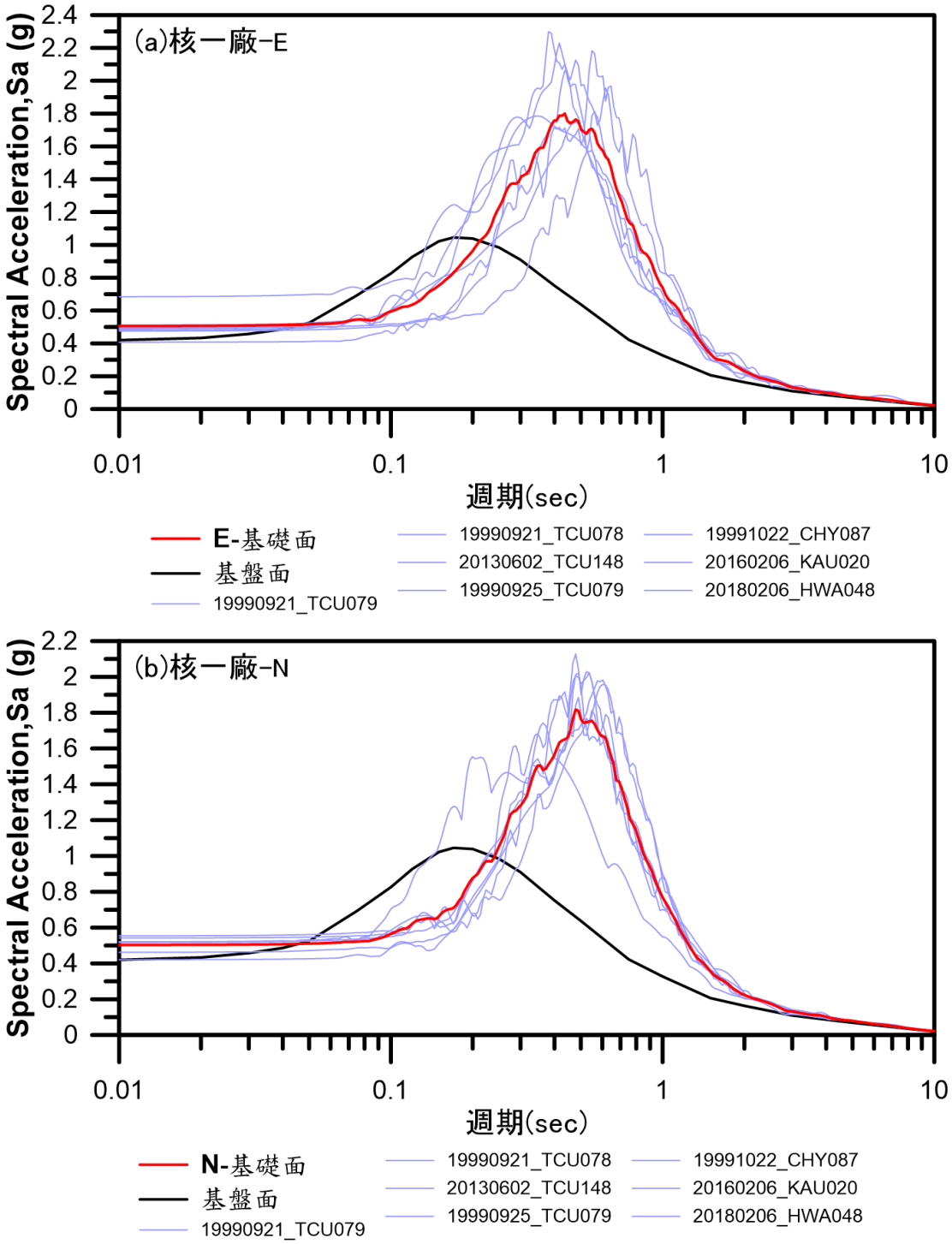


圖 27 (a) 東西向 (b) 南北向不同輸入地震歷時之基礎面之反應譜

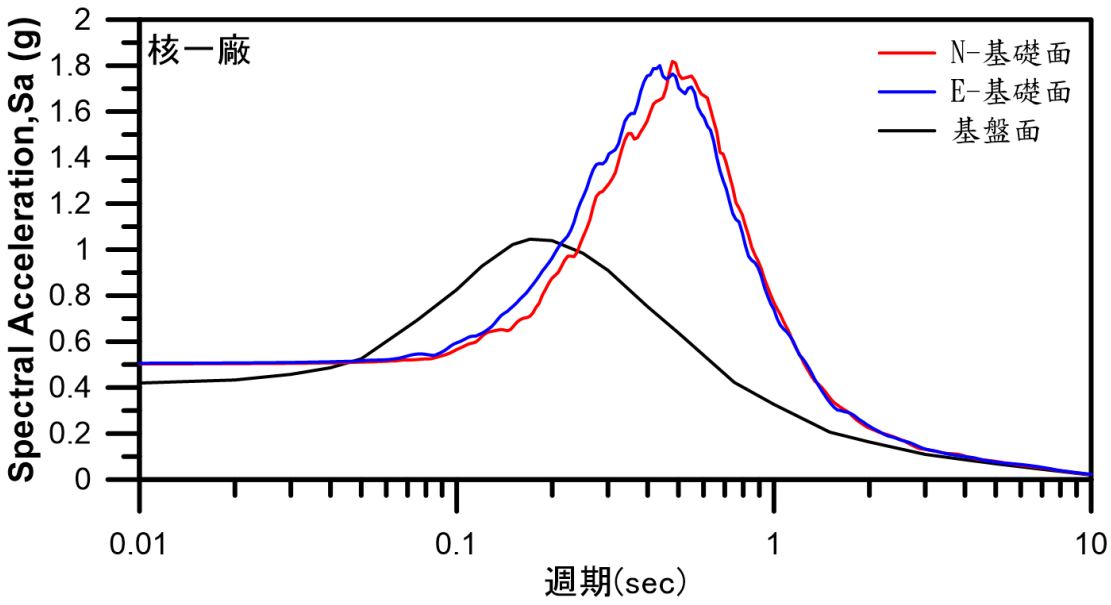


圖 28 基盤面及基礎面反應譜比較圖

四、結論

本計畫採用定值法評估山腳斷層對於核一廠低放射性廢棄物貯存庫下方地盤基盤面(V_{Sd30}=760m/s)所造成的地震動歷時及反應譜，再利用 SHAKE2000 程式推算基盤面至基礎面之地震動歷時，其結果如下：

1. 斷層規模採用斷層面積評估，依 Wells and Coppersmith (1994)[5]及 Yen and Ma(2011) [6]之經驗式分別為 7.53 及 7.21，取平均值 7.37，為後續分析之規模。
2. 依建築物耐震設計規範及解說(111 年)[1]3.6.1 節，輸入地震採七個以上之平均反應譜，基盤(V_{Sd30}=760m/s)輸入地震歷時採 7 組時，基礎面檢核反應譜為 7 組平均值之結果。
3. 本計畫基盤面檢核反應譜採用**平均值+Sigma** 之結果，核一廠採 PGA 為 **0.441**g 之反應譜，基礎面檢核反應譜採用 N 方向 PGA **0.504**g 之反應譜，提供後續結構檢核使用。

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台灣電力公司

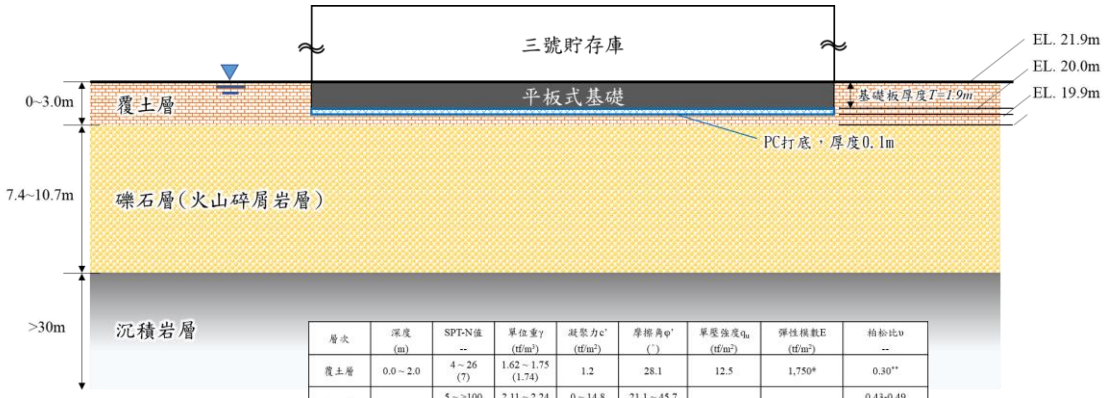
App.-B

基礎承載力計算書及沉陷量分析

中華民國 113 年 7 月

■ 垂直承載力

1 工程名稱:　核一廠除役低放射性廢棄物貯存庫興建工程委託技術服務工作
2 計畫編號:　0448B
3 工作項目:　基礎垂直承載力分析(平板式基礎)



層次	深度 (m)	SPT-N值 --	單位重γ (tf/m³)	凝聚力c' (tf/m²)	摩擦角φ' (°)	單壓強度q_u (tf/m²)	彈性模數E (tf/m²)	柏松比υ --
覆土層	0.0 ~ 2.0	4 ~ 26 (7)	1.62 ~ 1.75 (1.74)	1.2	28.1	12.5	1,750*	0.30**
礫石層	2.0 ~ 11.2	5 ~ >100 (代表值50)	2.11 ~ 2.24 (2.16)	0 ~ 14.8 (4.2)	21.1 ~ 45.7 (32.7)	--	12,500*	0.43-0.49 (0.48)
沉積岩層	11.2 ~ >40	>50	1.70 ~ 2.30 (2.03)	0.0 ~ 24.0 (11.0)	25.0 ~ 39.2 (32.0)	31.0 ~ 270.7 (133.5)	2,000~35,000 (16,400)	0.21 ~ 0.42 (0.35)

註：1.依前期計畫及本案鑽孔地質調查結果整理之簡化土層。
2."--"表示無相對應試驗值。
3.()內為平均值。
4."*"採日本國鐵建造物設計標準經驗公式推估，$E = 25N\ (kgf/cm^2)$。
5. "**"採Hunt(1986)之建議典型砂性土之柏松比約為0.2~0.35。

4 基礎尺寸:

B= 41.55 m
L= 73.25 m　【保守考量僅考慮主要貯存區域之基礎版長度】
D_f= 2.0 m
地下水位= 0.0 m　【保守假設地下水位位處於地表面】

5 地層參數:

層次	土層	厚度H(m)	r_1 (tf/m³)	r_2 (tf/m³)	C (tf/m²)	φ (度)
1	覆土層	1.1	0.74	0	1.2	28.1
2	礫石層	-	1.16	0.74	4.2	32.7

6 承載力計算:

基礎型式：平板式基礎
以下係依據內政部民國112年頒佈之「建築物基礎構造設計規範」第四章節相關規定，進行平板式基礎軸向容許承載力q_a之計算。

■ 各土層之極限承載力$q_{u,i}$

$$q_{u,i} = cN_cF_{cs}F_{cd}F_{ci} + r_2D_fN_qF_{qs}F_{qd}F_{qi} + 0.5r_1BN_rF_{rs}F_{rd}F_{ri}$$

上式中，$q_{u,i}$為該土層地盤之極限承載力(tf/m²);
c為基礎底板面以下之土壤凝聚力(tf/m²)；
γ_1為基礎底板以下B深度範圍內之土壤平均單位重，在地下水位以下者，應為其有效單位重(tf/m³)；
γ_2為基礎底板以上之土壤平均單位重，在地下水位以下者，應為其有效單位重(tf/m³)；
D_f為基礎附近之最低地面至基礎板底面之深度(m)；
B為矩形基腳之短邊長度(m)；
L為矩形基腳之長邊長度(m)；
β為載重方向與鉛直線之夾角(°)；
N_c、N_q、N_r為支承力因數，與土壤摩擦角(φ)之關係詳「建築物基礎構造設計規範(112年)」表4.3-1；
F_{cs}、F_{qs}、F_{rs}為形狀影響因素，詳「建築物基礎構造設計規範(112年)」表4.3-2；
F_{cd}、F_{qd}、F_{rd}為埋置深度影響因素，詳「建築物基礎構造設計規範(112年)」表4.3-2；
F_{ci}、F_{qi}、F_{ri}為載重傾斜影響因素，詳「建築物基礎構造設計規範(112年)」表4.3-2；

層次	$D_{f,i}$ (m)	N_c	N_q	N_r	F_{cs}	F_{qs}	F_{rs}	F_{cd}	F_{qd}	F_{rd}	F_{ci}	F_{qi}	F_{ri}	$q_{u,i}$ (tf/m²)
1	0.0	11.6	7.2	4.5	1.32	1.16	1.16	1.00	1.00	1.00	1.00	1.00	1.00	98.4
2	0.0	23.6	16.1	12.8	1.38	1.19	1.19	1.00	1.00	1.00	1.00	1.00	1.00	502.8

■ **層狀地層上基礎極限承載力q_u，參考Meyerhof and Hanna(1978)所發表承載力理論估算之。**

$q_u = q_{u,1} + (q_{u,2} - q_{u,1})(1-H/H_f)^2$　　【當$q_{u,2} >> q_{u,1}$】

上式中，$q_{u,1}$為上層地盤之極限承載力(tf/m^2);
$q_{u,2}$為下層地盤之極限承載力(tf/m^2);
H為基礎下方軟弱土層之厚度(m)；
H_f為上層土層中基礎下方破壞面的深度，條狀基礎於鬆砂至緊砂地層中H_f約介於1.0B~2.0B之間，本案保守採H_f=1.0B進行評估。

q_u =	481.7 tf/m^2

■ **容許承載力q_a**

$q_a = q_{u,net}/FS + r_2 D_f$

$q_{u,net} = q_u - r_2 D_f$

上式中，$q_{u,net}$為淨極限承載力(tf/m^2)；
FS為安全係數(長期3；短期2；極限限界狀態1.1)。

$q_{u,net}$=	480.2 tf/m^2

q_a (長期)=	161.5	tf/m^2
q_a (短期)=	241.6	tf/m^2
q_a (極限限界狀態)=	438.0	tf/m^2

■ 水平承載力(結構自重)

1 工程名稱: 核一廠除役低放射性廢棄物貯存庫興建工程委託技術服務工作
2 計畫編號: 0448B
3 工作項目: 基礎水平承載力分析(平板式基礎)

4 基礎尺寸:

B=	41.55	m
L=	102.30	m
D_f=	2.0	m

5 垂直載重:

N=	46580.0	tonf

6 地層參數:

參數	覆土層	礫石層	單位
φ'	28.1	32.7	度
c'	1.2	4.2	tf/m^2
δ=2/3φ'	18.7	21.8	度
c_a=1/3c'	0.4	1.4	tf/m^2

7 承載力計算:

基礎型式:平板式基礎
以下係依據內政部民國112年頒佈之「建築物基礎構造設計規範」第四章節相關規定，進行筏式基礎水平容許承載力R_a之計算。

■ $R_a=R_u/FS$
■ R_u=基礎板底面之摩擦阻力R_f+基礎板前側之側向抵抗力R_p

■ $R_f=N\cdot\tan\delta+Ac_a$

■ $R_P=\alpha L(\sigma_P\Delta h)-L(\sigma_A\Delta h)$

FS=1.5 (長期)
=1.2 (短期)
=1.1 (極限限界狀態)

R_u=	**19622.3**	**tf**

備註： 1.R_u保守考量僅計算基礎板底面摩擦阻力，忽略基礎板前方側向抵抗力，即$R_u=R_f$。
2.R_u依照基礎底面覆土層佔70%及礫石層佔30%之比例計算。

R_a (長期) =	**13081.5**	**tf**
R_a (短期) =	**16351.9**	**tf**
R_a (極限限界狀態) =	**17838.4**	**tf**

■ 水平承載力(結構自重+貯存物重)

1 工程名稱: 核一廠除役低放射性廢棄物貯存庫興建工程委託技術服務工作
2 計畫編號: 0448B
3 工作項目: 基礎水平承載力分析(平板式基礎)

4 基礎尺寸:

B=	41.55	m
L=	102.30	m
D_f=	2.0	m

5 垂直載重:

N=	120263.0	tonf

6 地層參數:

參數	覆土層	礫石層	單位
φ'	28.1	32.7	度
c'	1.2	4.2	tf/m^2
δ=2/3φ'	18.7	21.8	度
c_a=1/3c'	0.4	1.4	tf/m^2

7 承載力計算:

基礎型式:平板式基礎
以下係依據內政部民國112年頒佈之「建築物基礎構造設計規範」第四章節相關規定，進行筏式基礎水平容許承載力R_a之計算。

■ $R_a=R_u/FS$

■ **R_u=基礎板底面之摩擦阻力R_f+基礎板前側之側向抵抗力R_p**

■ $R_f=N\cdot\tan\delta+Ac_a$

■ $R_P=\alpha L(\sigma_P\Delta h)-L(\sigma_A\Delta h)$

FS=1.5 (長期)
=1.2 (短期)
=1.1 (極限限界狀態)

R_u=	**45955.3**	**tf**

備註： 1.R_u保守考量僅計算基礎板底面摩擦阻力，忽略基礎板前方側向抵抗力，即$R_u=R_f$。
2.R_u依照基礎底面覆土層佔70%及礫石層佔30%之比例計算。

R_a (長期) =	**30636.8**	**tf**
R_a (短期) =	**38296.1**	**tf**
R_a (極限限界狀態) =	**41777.5**	**tf**

■　沉陷量分析

一、 基礎形式

本計畫貯存庫基礎採單板式基礎型式，基地高程為 EL.21.9m，貯存區及輔助區之基礎底面高程為 EL.20.0m，基礎板厚度 1.9m，基礎底面下方為 0.1m 厚之混凝土(f_c'=140 kgf/cm^2)；卸載區基礎底面高程為 EL.17.75m，基礎板厚度 1.5m，基礎下方為 0.1m 厚之混凝土(f_c'=140 kgf/cm^2)，基礎東西向開挖剖面(剖面 E-E)如圖 1 所示。

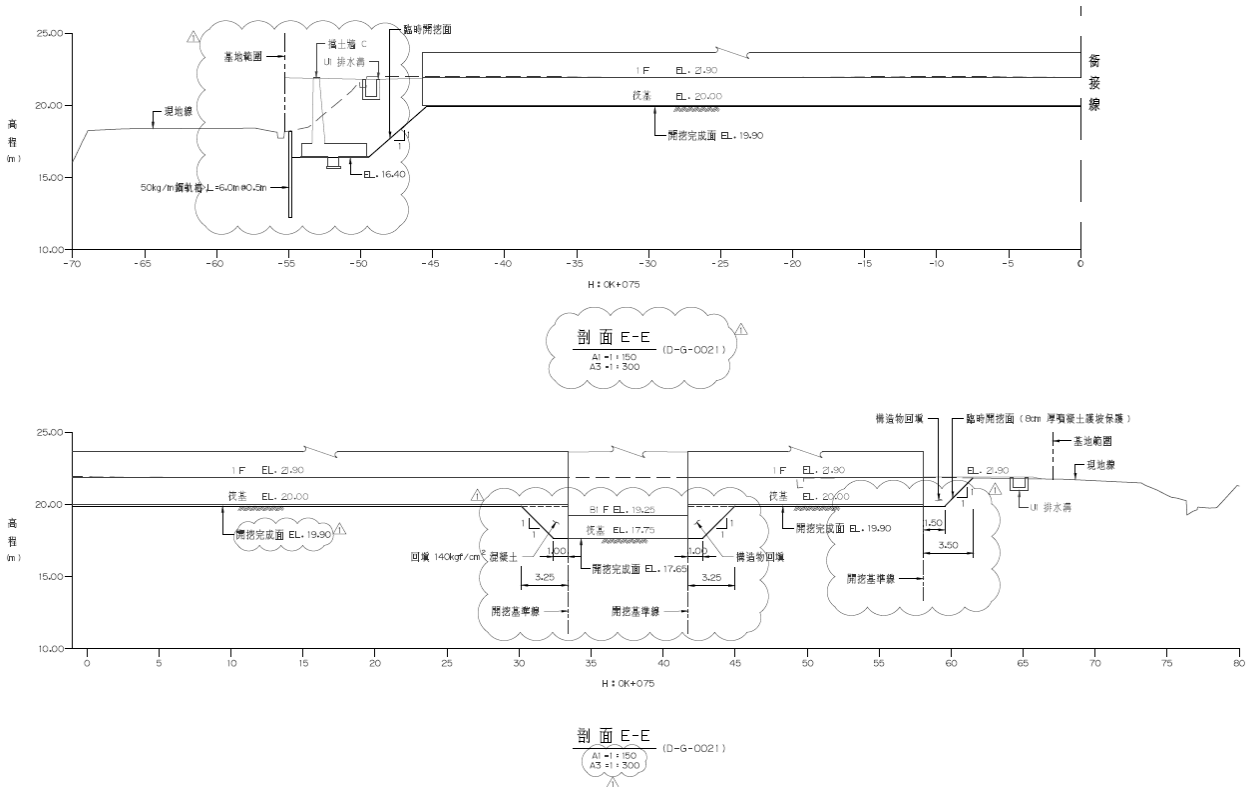


圖 1　東西向基礎開挖剖面圖(剖面 E-E)

二、 基地地質狀況與分析參數

依本計畫基地地質調查、鑽探及試驗報告，場址地表以下為厚度 1.6-3.0 m(平均 2.0 m)厚之覆土層，覆土層以下為約 9.2 m 厚之礫石層，其下為厚度超過 30 m 之沉積岩層，簡化地層參數如表 1 所示。

表 1　簡化地層參數表

層次	深度 (m)	SPT-N值 --	單位重γ (tf/m³)	凝聚力c' (tf/m²)	摩擦角φ' (°)	單壓強度q_u (tf/m²)	彈性模數E (tf/m²)	柏松比υ --
覆土層	0.0 ~ 2.0	4 ~ 26 (7)	1.62 ~ 1.75 (1.74)	1.2	28.1	12.5	1,750*	0.30**
礫石層	2.0 ~ 11.2	5 ~ >100 (代表值50)	2.11 ~ 2.24 (2.16)	0 ~ 14.8 (4.2)	21.1 ~ 45.7 (32.7)	--	12,500*	0.43-0.49 (0.48)
沉積岩層	11.2 ~ >40	>50	1.70 ~ 2.30 (2.03)	0.0 ~ 24.0 (11.0)	25.0 ~ 39.2 (32.0)	31.0 ~ 270.7 (133.5)	2,000~35,000 (16,400)	0.21 ~ 0.42 (0.35)

註：1.依前期計畫及本案鑽孔地質調查結果整理之簡化土層。
2.“--”表示無相對應試驗值。
3.()內為平均值。
4.“*”採日本國鐵建造物設計標準經驗公式推估，$E = 25N\ (kgf/cm^2)$。
5. “**”採Hunt(1986)之建議典型砂性土之柏松比約為0.2~0.35。

場址地層之礫石層頂部高程分布如圖 2 所示，本計畫三號低貯庫基礎底面高程為 EL. 19.9 m(含 0.1m 混凝土)，基礎底面下方尚存局部 0.0~1.1 m 厚之覆土層。

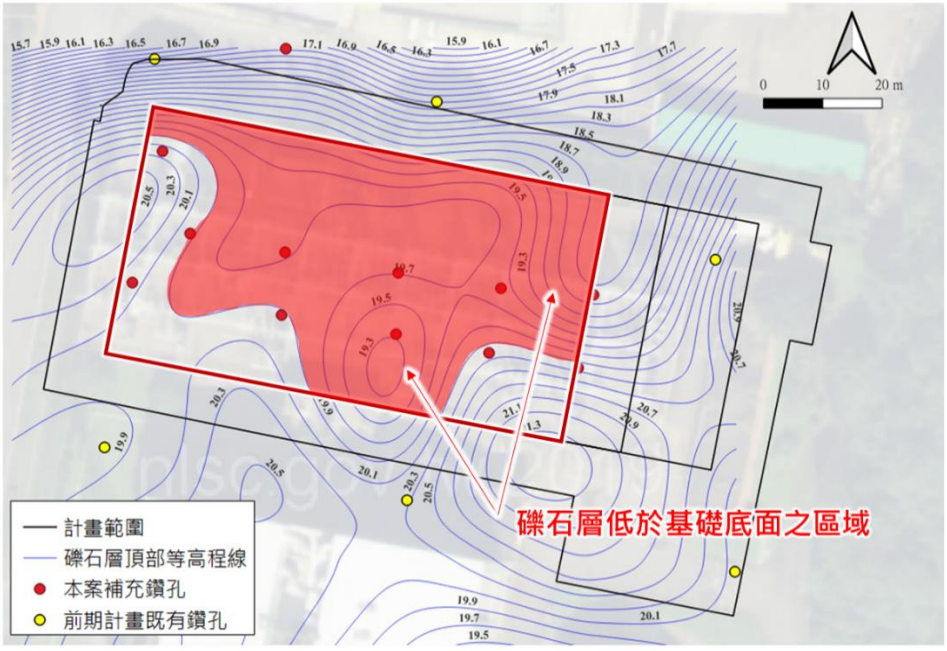


圖 2　礫石層頂部高程分布圖

三、 分析程式與分析情境

本計算書採用 Plaxis3D 數值程式進行土壤-結構互制模擬分析，詳實考量場址地層分布、基礎板結構勁度及載重分布等情形，以檢核基礎底面存在局部 0~1.1m 厚覆土層情況下之基礎沉陷及角變量反應。

分析模型如圖 3 所示，依據地質鑽探調查之地層高程分布建置三維地層模型，土壤採用常見之 Hardening soil model 進行模擬，並依據簡化地層參數(表 1)設定各土層參數，地下水位高程保守假設為 EL.18.0m，基礎板結構採彈性模型(linear elastic)模擬。上部荷重已綜合考量結構自重及貯存物重量，貯存區、卸載區及輔助區之均布荷重分別為 38.5(tf/m^2)、17.5(tf/m^2)及 8.9(tf/m^2)，各項模型相關參數設定詳附錄 A。

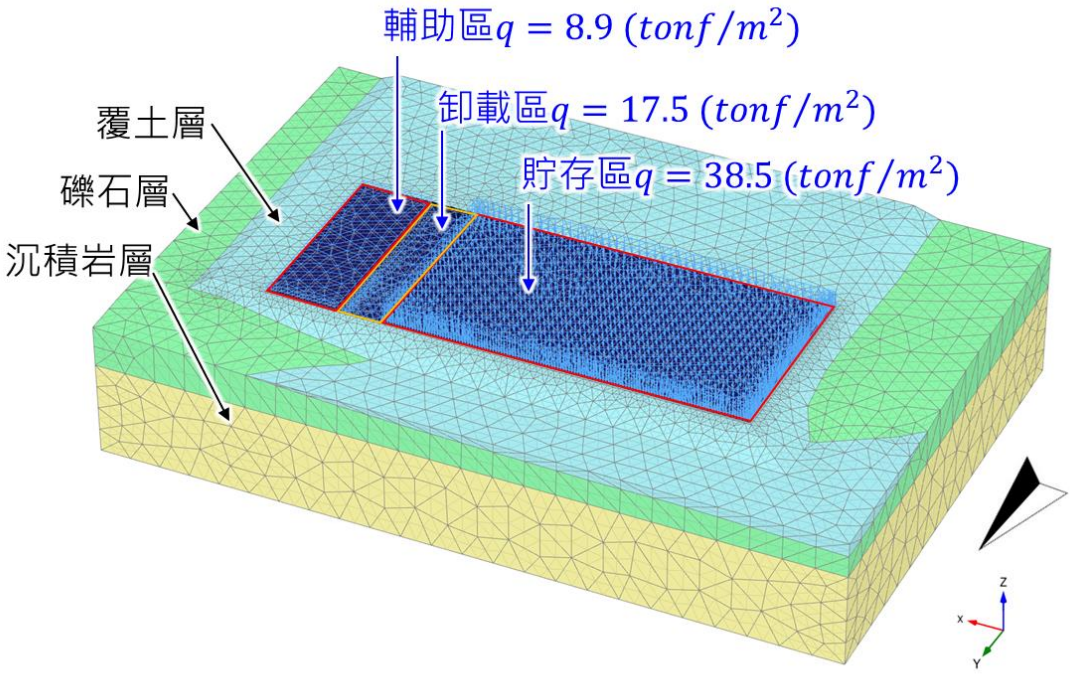


圖 3　Plaxis3D 沉陷分析模型

四、 分析成果

沉陷分析結果如圖 4 所示，基礎板最大沉陷量發生於接近貯存區中心處，最大沉陷量達 6.4cm，小於內政部頒佈之「建築物基礎構造設計規範(112 年)」規定之容許沉陷量 30cm。並經檢核各柱位之間的角變量，最大角變位量發生於貯存區及卸載區之柱位間，最大角變量為 1/567，亦小於內政部頒佈之「建築物基礎構造設計規範(112 年)」規定之容許角變量 1/500(含安全係數)。

由分析結果顯示，貯存庫基礎之沉陷及角變量反應均符合規範規定之容許值，應無沉陷或角變量過大之虞。

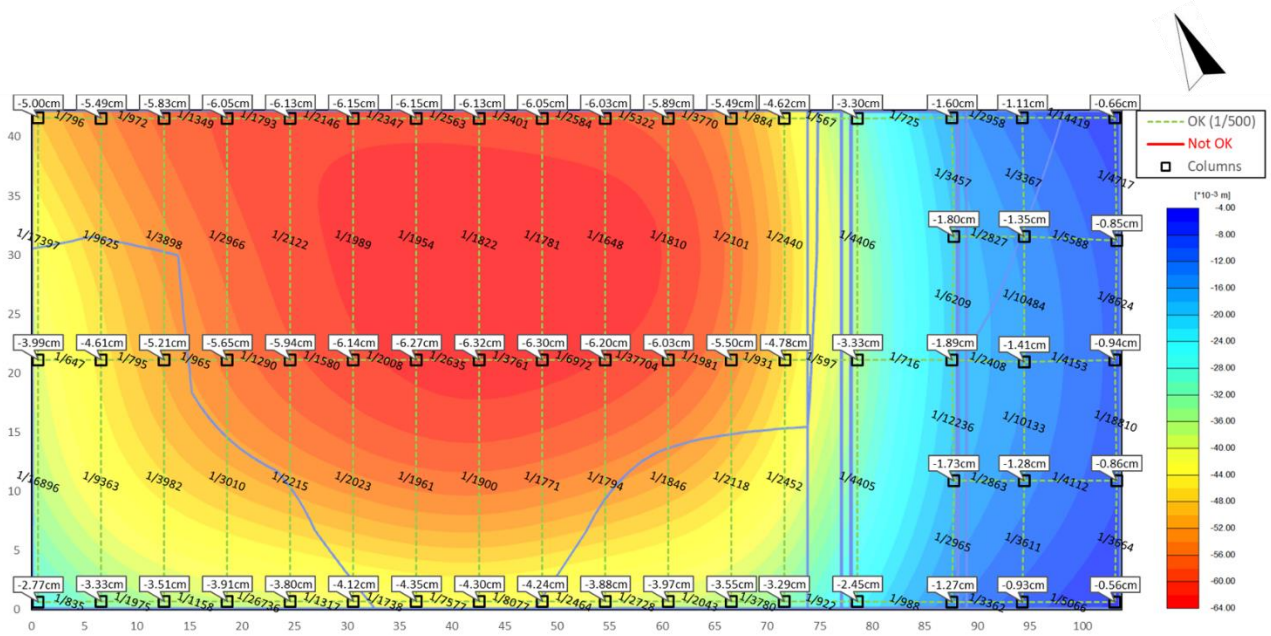


圖 4　沉陷量分布及各柱位間角變量檢核結果

在分布載重作用下，基礎底面處之土壤垂直反力分布如圖 5 所示，根據數值分析結果求得之基礎底面土壤反力(圖 5)與沉陷(圖 4)之比值，並依據沉陷分布情形，區分為 8 個區域(Area1~Area8)分別求得基礎底面地盤之垂直地盤反力係數(kv = q/δ)分布，如圖 6 及表 2 所示。

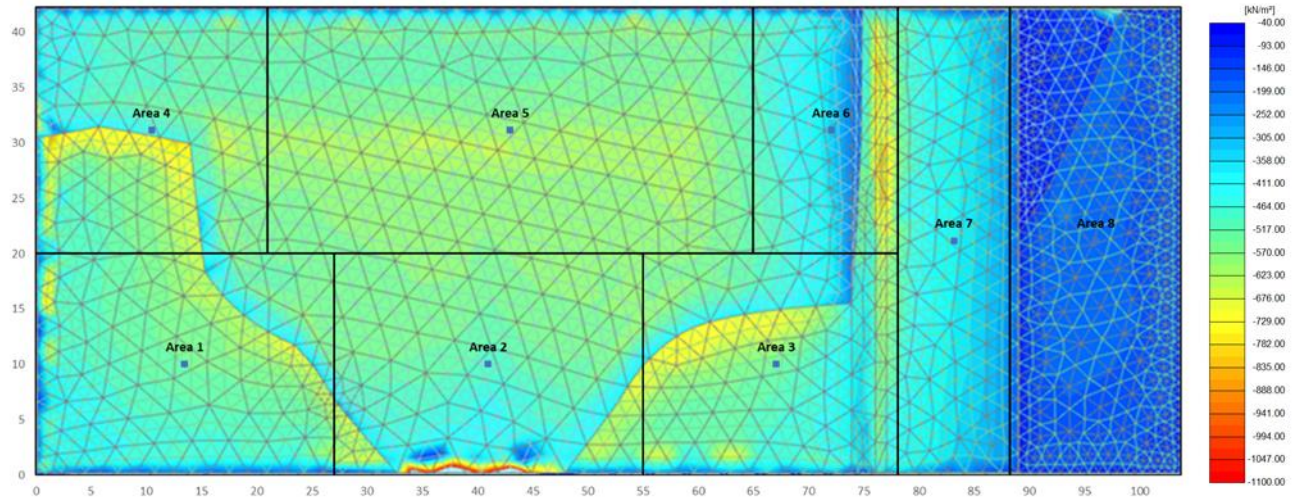


圖 5　基礎底面土壤垂直反力分布

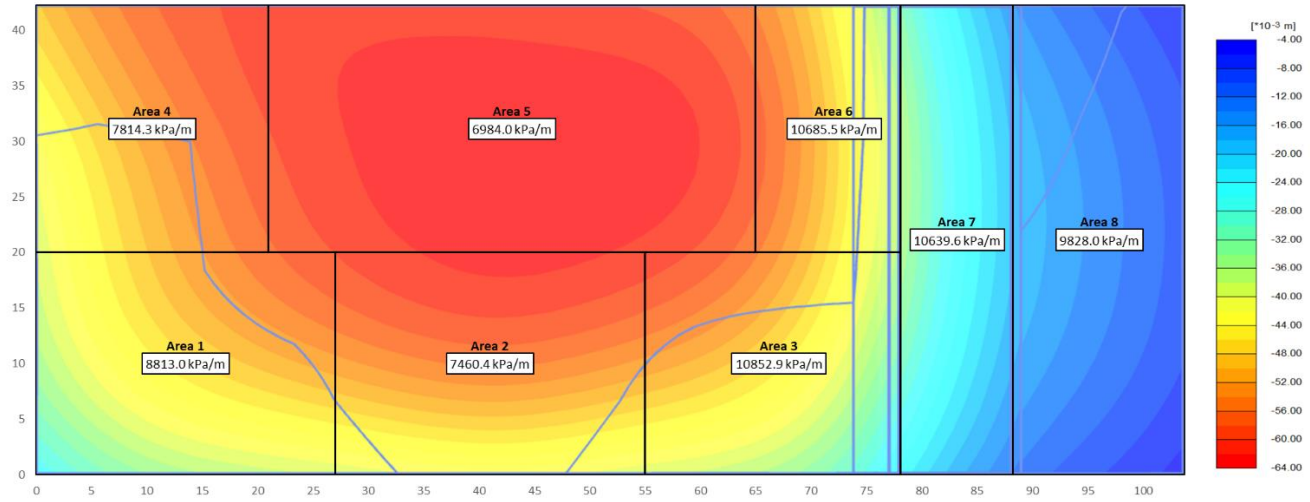


圖 6　基礎下方地盤垂直地盤反力係數分布

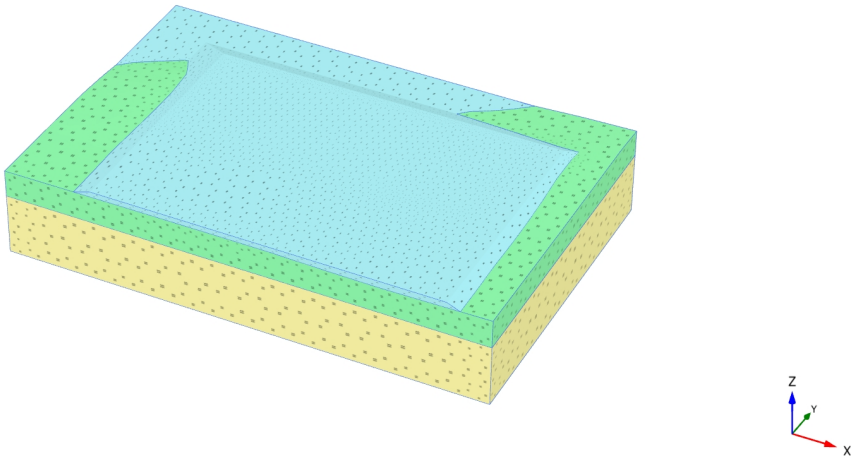
表 2　各分區之地盤垂直地盤反力係數值

Area	區域範圍				$\sigma_{zz.avg}$ (kPa)	$u_{z.avg}$ (m)	k_v (kPa/m)	**k_v (tf/m³)**
	x_0	y_0	x_1	y_1				
Area 1	0	0	27	20	-402.9539	-0.0457	8813.0	**898.4**
Area 2	27	0	55	20	-397.7982	-0.0533	7460.4	**760.5**
Area 3	55	0	79.18	20	-455.2444	-0.0419	10852.9	**1106.3**
Area 4	0	20	21	42.25	-413.9103	-0.0530	7814.3	**796.6**
Area 5	21	20	65	42.25	-431.4410	-0.0618	6984.0	**711.9**
Area 6	65	20	79.18	42.25	-477.7813	-0.0447	10685.5	**1089.2**
Area 7	78.08	0	88.35	42.25	-265.2143	-0.0249	10639.6	**1084.6**
Area 8	88.35	0	103.8	42.25	-109.8578	-0.0112	9828.0	**1001.8**

附錄 A 分析程式設定說明及分析結果

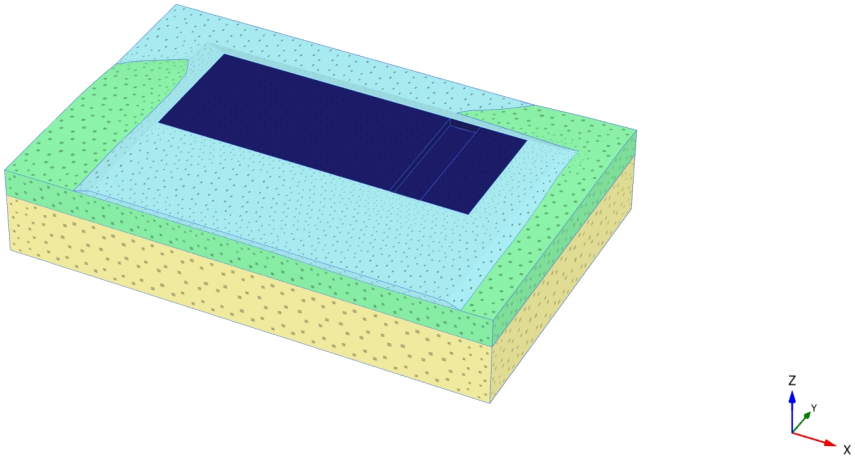
PLAXIS Report

1.1.1.1 Calculation results, Initial phase [InitialPhase] (0/8), Connectivity plot



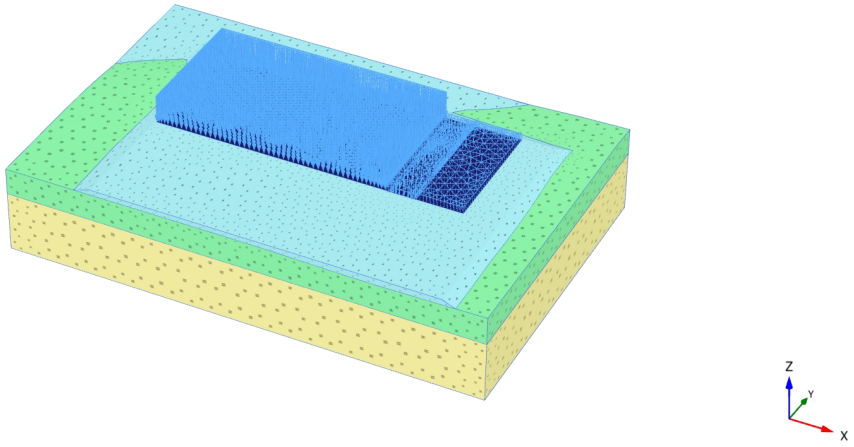
Connectivity plot

1.1.1.2 Calculation results, Foundation ( ) [Phase_1] (1/13), Connectivity plot



Connectivity plot

1.1.1.3 Calculation results, Loading [Phase_2] (2/21), Connectivity plot



Connectivity plot

1.1.2.1.1 Materials - Soil and interfaces - Hardening soil

Identification		Backfill	Gravel	Rock
Identification number		1	2	3
Drainage type		Drained	Drained	Drained
Colour				
Comments		N=7		
γ_{unsat}	kN/m³	17.20	21.40	20.10
γ_{sat}	kN/m³	17.40	21.60	20.30
Dilatancy cut-off		No	No	No
e_{init}		0.5000	0.5000	0.5000
e_{min}		0.000	0.000	0.000
e_{max}		999.0	999.0	999.0
Rayleigh α		0.000	0.000	0.000
Rayleigh β		0.000	0.000	0.000
E_{50}^{ref}	kN/m²	17.50E3	125.0E3	164.0E3
E_{oed}^{ref}	kN/m²	14.00E3	125.0E3	164.0E3
E_{ur}^{ref}	kN/m²	52.50E3	375.0E3	492.0E3
power (m)		0.5000	0.5000	0.5000
Use alternatives		No	No	No
C_c		0.02464	2.760E-3	2.104E-3
C_s		4.882E-3	0.6834E-3	0.5209E-3
e_{init}		0.5000	0.5000	0.5000
c_{ref}	kN/m²	12.00	42.00	110.0
φ (phi)	°	28.10	32.70	32.00
ψ (psi)	°	0.000	0.000	0.000
Set to default values		No	No	No
ν_{ur}		0.3000	0.3000	0.3000
p_{ref}	kN/m²	100.0	100.0	100.0
K_0^{nc}		0.5290	0.4598	0.4701
c_{inc}	kN/m²/m	0.000	0.000	0.000
z_{ref}	m	0.000	0.000	0.000
R_f		0.9000	0.9000	0.9000
Tension cut-off		Yes	Yes	Yes
Tensile strength	kN/m²	0.000	0.000	0.000
Undrained behaviour		Standard	Standard	Standard
Skempton-B		0.9783	0.9783	0.9783
ν_u		0.4950	0.4950	0.4950
$K_{w,ref}$ / n	kN/m²	1.969E6	14.06E6	18.45E6
Stiffness		Standard	Standard	Standard

Identification		Backfill	Gravel	Rock
Strength		Manual	Manual	Rigid
R_{inter}		0.8500	0.8500	1.000
Consider gap closure		Yes	Yes	Yes
δ_{inter}		0.000	0.000	0.000
Cross permeability		Impermeable	Impermeable	Impermeable
Drainage conductivity $_1$, dk	m^3/day/m	0.000	0.000	0.000
Drainage conductivity $_2$, dk	m^3/day/m	0.000	0.000	0.000
K_0 determination		Automatic	Automatic	Automatic
$K_{0,x} = K_{0,y}$		Yes	Yes	Yes
$K_{0,x}$		0.5290	0.4598	0.4701
$K_{0,y}$		0.5290	0.4598	0.4701
OCR		1.000	1.000	1.000
POP	kN/m^2	0.000	0.000	0.000
k_x	m/day	2.580E-3	0.2624	0.2624
k_y	m/day	2.580E-3	0.2624	0.2624
k_z	m/day	2.580E-3	0.2624	0.2624
e_{init}		0.5000	0.5000	0.5000
S_s	1/m	0.000	0.000	0.000
c_k		1000E12	1000E12	1000E12

1.1.2.1.2 Materials - Soil and interfaces - Linear elastic

Identification		Concrete	LeanConcrete
Identification number		4	5
Drainage type		Non-porous	Non-porous
Colour			
Comments			
γ_{unsat}	kN/m³	24.00	24.00
γ_{sat}	kN/m³	24.00	24.00
Dilatancy cut-off		No	No
e_{init}		0.5000	0.5000
e_{min}		0.000	0.000
e_{max}		999.0	999.0
Rayleigh α		0.000	0.000
Rayleigh β		0.000	0.000
E	kN/m²	23.74E6	15.01E6
ν (nu)		0.1500	0.1500
G	kN/m²	10.32E6	6.527E6
E_{oed}	kN/m²	25.06E6	15.85E6
V_s	m/s	2054	1633
V_p	m/s	3201	2545
Set to default values		Yes	Yes
E_{inc}	kN/m²/m	0.000	0.000
z_{ref}	m	0.000	0.000
Stiffness		Standard	Standard
Strength		Rigid	Rigid
R_{inter}		1.000	1.000
Consider gap closure		Yes	Yes
δ_{inter}		0.000	0.000
Cross permeability		Impermeable	Impermeable
Drainage conductivity $_1$, dk	m³/day/m	0.000	0.000

Identification		Concrete	LeanConcrete
Drainage conductivity $_2$, dk	m³/day/m	0.000	0.000
K_0 determination		Automatic	Automatic
$K_{0,x} = K_{0,y}$		Yes	Yes
$K_{0,x}$		0.5000	0.5000
$K_{0,y}$		0.5000	0.5000
k_x	m/day	0.000	0.000
k_y	m/day	0.000	0.000
k_z	m/day	0.000	0.000
e_{init}		0.5000	0.5000
c_k		1000E12	1000E12

1.1.2.2 Materials - Plates -

Identification		Lean Concrete	DummyWall
Identification number		1	2
Comments			
Colour			
Material type		Elastic	Elastic
d	m	0.1000	0.5000
γ	kN/m³	6.600	0.000
Isotropic		Yes	Yes
E_1	kN/m²	15.01E6	23.74E6
E_2	kN/m²	15.01E6	23.74E6
ν_{12}		0.1500	0.000
G_{12}	kN/m²	6.527E6	11.87E6
G_{13}	kN/m²	6.527E6	11.87E6
G_{23}	kN/m²	6.527E6	11.87E6
Rayleigh α		0.000	0.000
Rayleigh β		0.000	0.000
Prevent punching		No	No
Identification number		1	2

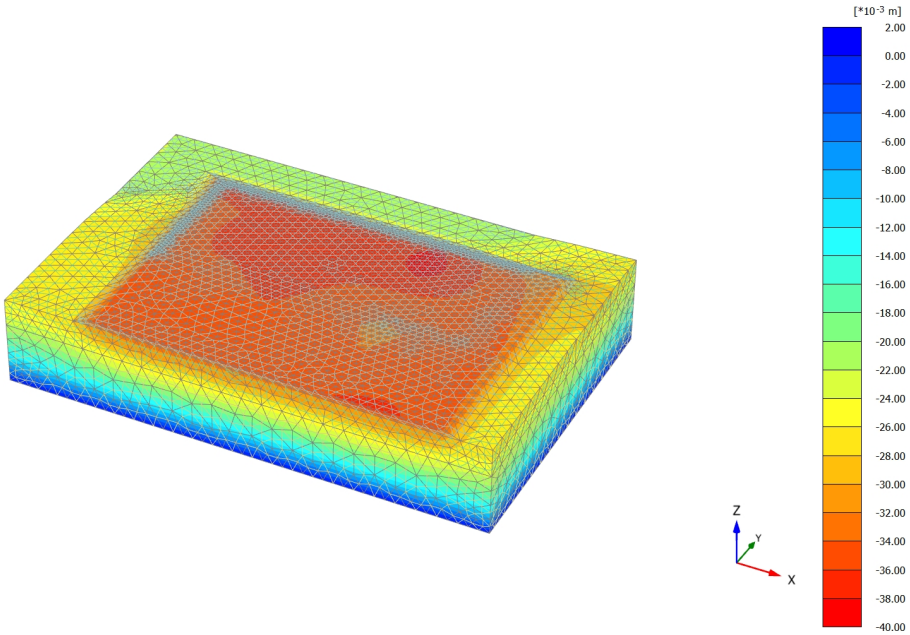
1.1.3 General information

General information	
Project	
Filename	-v2.p3d
Directory	D:\Documents\Work - Sinotech\17. 0448B Nuclear Waste Disposal \PLAXIS3D - Jinshan Nuclear Plant Waste Dipository\
Title	
General	
Model	PLAXIS 3D
Elements	10-Noded
Acceleration	
Gravity	1.0 G (-Z direction)
Earth gravity	9.810 m/s²
Mesh	
Nr of soil elements	28824
Nr of nodes	46509
Average element size	4.545 m
Maximum element size	16.57 m
Minimum element size	0.03984 m
Comments	

1.1.4 Calculation information per phase

Identification	Phase	Start from	Calculation type	Loading input	Pore pressure	Time step [day]	First step	Last step	Log
Initial phase [InitialPhase]	0	N/A	Gravity loading	N/A	Phreatic	0.000	0	8	
Foundation ( ) [Phase_1]	1	0	Plastic	Staged construction	Phreatic	0.000	9	13	
Loading [Phase_2]	2	1	Plastic	Staged construction	Phreatic	0.000	14	21	
Loading (61.8t/m2) [Phase_3]	3	1	Plastic	Staged construction	Phreatic	0.000	22	30	

2.1.1.1.1 Calculation results, Initial phase [InitialPhase] (0/8), Total displacements u_z

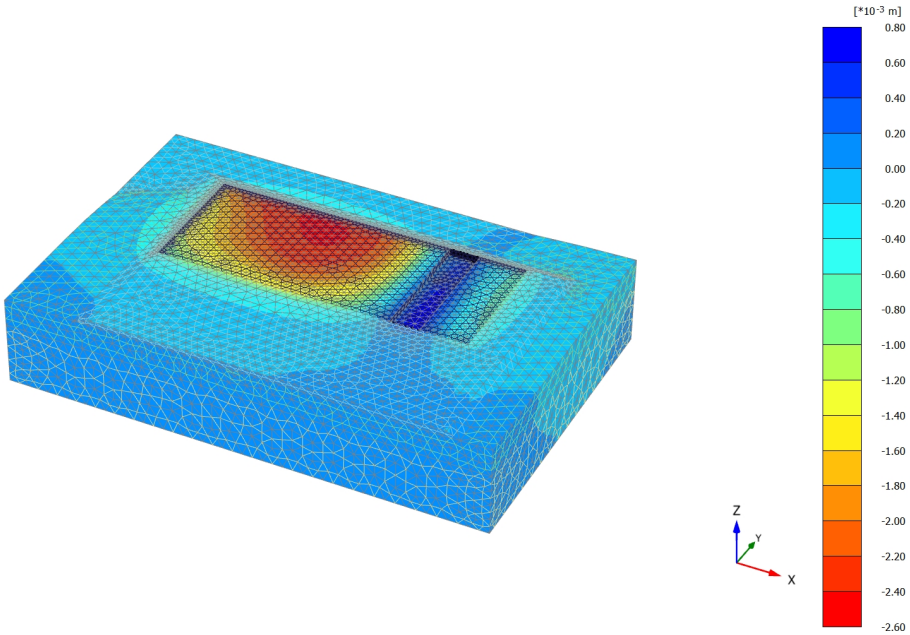


Total displacements u_z (scaled up 200 times)

Maximum value = 0.000 m (Element 22908 at Node 18269)

Minimum value = -0.03933 m (Element 2070 at Node 21325)

2.1.1.1.2 Calculation results, Foundation ( ) [Phase_1] (1/13), Total displacements u_z

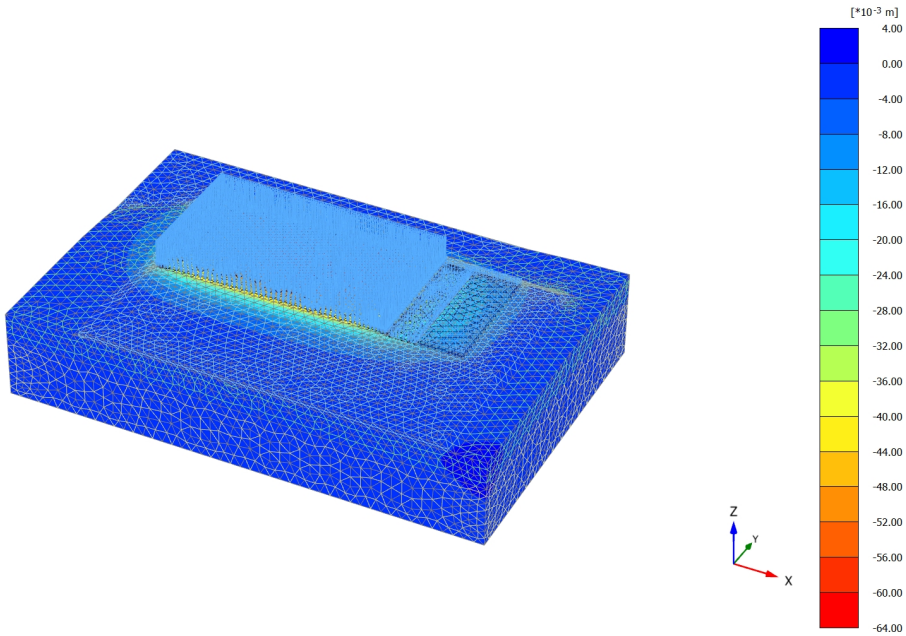


Total displacements u_z (scaled up 2.00*10³ times)

Maximum value = 0.7145*10^{-3} m (Element 13253 at Node 23166)

Minimum value = -2.435*10^{-3} m (Element 1211 at Node 42021)

2.1.1.1.3 Calculation results, Loading [Phase_2] (2/21), Total displacements u_z

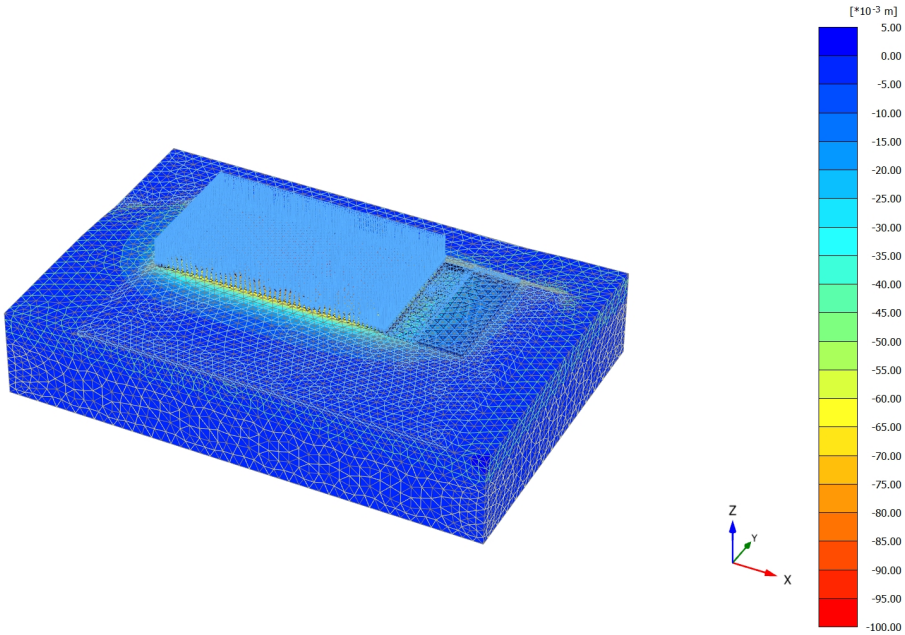


Total displacements u_z (scaled up 50.0 times)

Maximum value = $0.02736*10^{-3}$ m (Element 19172 at Node 1716)

Minimum value = -0.06375 m (Element 1249 at Node 22057)

2.1.1.1.4 Calculation results, Loading (61.8t/m2) [Phase_3] (3/30), Total displacements u_z

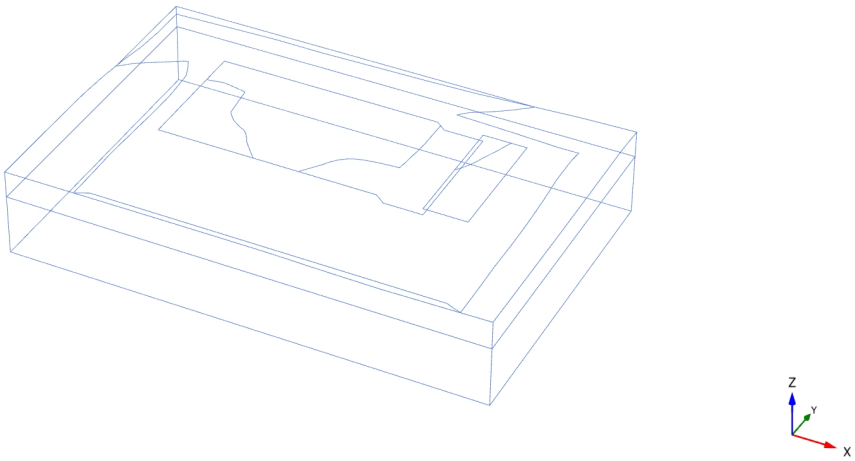


Total displacements u_z (scaled up 50.0 times)

Maximum value = $4.755*10^{-6}$ m (Element 19622 at Node 69)

Minimum value = -0.09732 m (Element 1251 at Node 22041)

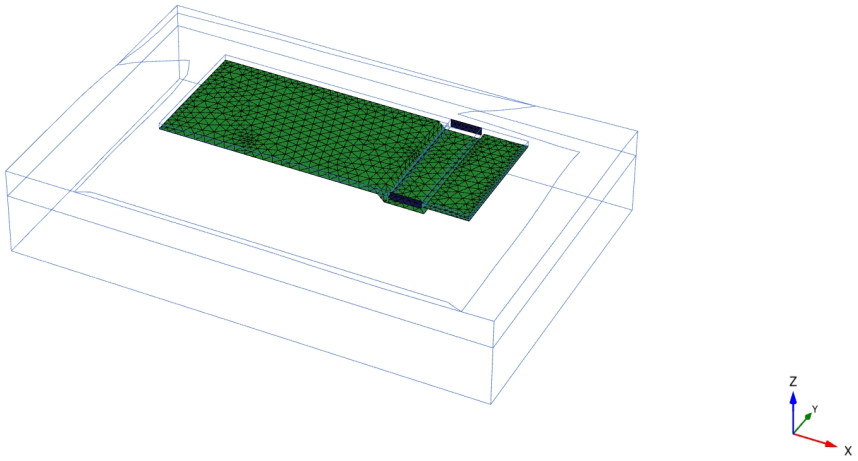
3.1.1.1.1.1 Calculation results, Plate, Initial phase [InitialPhase] (0/8), Total displacements u_z



Total displacements u_z (at true scale)

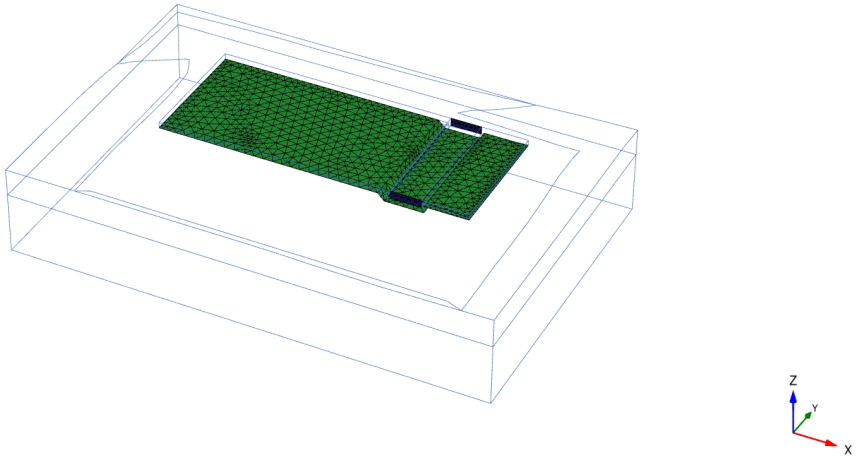
No results

3.1.1.1.1.2 Calculation results, Plate, Foundation ( ) [Phase _1] (1/13), Total displacements u_z



Total displacements u_z (scaled up 2.00*10³ times)
Maximum value = 0.7104*10^{-3} m (Element 1379 at Node 17284)
Minimum value = -2.435*10^{-3} m (Element 1064 at Node 12160)

3.1.1.1.1.3 Calculation results, Plate, Loading [Phase_2] (2/21), Total displacements u_z



Total displacements u_z (scaled up 50.0 times)
Maximum value = $-5.162*10^{-3}$ m (Element 310 at Node 74)
Minimum value = -0.06372 m (Element 866 at Node 11612)

台灣電力公司

App.-C

結構耐震能力評估檢核報告

中華民國 113 年 7 月

目錄

頁次

目錄 I

表目錄 III

圖目錄 IV

第一章 前言 1

1.1 計畫緣由與目的 1

第二章 基本資料 2

2.1 地理位置 2

2.2 結構概述 2

2.3 結構系統 4

2.4 結構材料規格 4

2.5 樓層載重計算 4

2.6 結構模態 5

第三章 建築結構耐震詳細評估 10

3.1 耐震性能目標 10

3.2 評估方法 10

3.3 評估流程 18

3.4 有限元素分析模型 19

第四章 非線性靜力分析評估結果 35

4.1 結構長向(正 X 向)側推分析結果 35

4.2 結構長向(負 X 向)側推分析結果 45

4.3 結構短向(正 Y 向)側推分析結果 59

4.4 結構短向(負 Y 向)側推分析結果 79

第五章 非線性歷時評估分析結果 99

第六章 結論 121

參考文獻 123

表目錄

表 2.2-1 3 號低貯庫相關資料 3
表 2.6-1 各模態週期及參與質量比 6
表 4.1-1 結構正 X 向容量曲線、容量震譜及 EPA 之詳細資料 36
表 4.1-2 結構正 X 向分析結果 40
表 4.1-3 結構正 X 向各區域之最大層間變位角 41
表 4.2-1 結構負 X 向容量曲線、容量震譜及 EPA 之詳細資料 45
表 4.2-2 結構負 X 向分析結果 54
表 4.2-3 結構負 X 向各區域之最大層間變位角 55
表 4.3-1 結構正 Y 向容量曲線、容量震譜及 EPA 之詳細資料 59
表 4.3-2 結構正 Y 向分析結果 70
表 4.3-3 結構正 Y 向各區域之最大層間變位角 70
表 4.4-1 結構負 Y 向容量曲線、容量震譜及 EPA 之詳細資料 79
表 4.4-2 結構負 Y 向分析結果 90
表 4.4-3 結構負 Y 向各區域之最大層間變位角 90
表 5.1 非線性歷時分析結果 99
表 6.1 結構側推分析整理表 121
表 6.2 非線性歷時分析結果 122

圖目錄

頁次

圖 2.1-1 核一廠三號低貯庫興建位置圖 2

圖 2.2-1 核一廠三號低貯庫平面圖 3

圖 2.6-1 X 向模態(T=0.090sec) 7

圖 2.6-2 Y 向模態(T=0.197sec) 8

圖 2.6-3 扭轉向模態(T=0.076sec) 9

圖 3.1-1 考慮山腳斷層之 DSHA 地震加速度反應譜 10

圖 3.2-1 梁端彎矩塑鉸背骨曲線 12

圖 3.2-2 垂直桿件剪力塑鉸背骨曲線 12

圖 3.2-3 垂直桿件 PMM 塑鉸背骨曲線 13

圖 3.2-4 基盤面水平向反應譜及垂直向反應譜 14

圖 3.2-5 TCU078 之人造地震歷時 15

圖 3.2-6 TCU079 之人造地震歷時 16

圖 3.2-7 CHY087 之人造地震歷時 17

圖 3.3-1 非線性靜力分析(側推分析)評估流程 18

圖 3.3-2 非線性動力歷時分析評估流程 18

圖 3.4-1 側推分析 3D 模型 19

圖 3.4-2 2F-板、梁桿件斷面 20

圖 3.4-3 3F-板、梁桿件斷面 20

圖 3.4-4 4F-板、梁桿件斷面 21

圖 3.4-5 RF-板、梁桿件斷面 21

圖 3.4-6 結構 X 向分析模型之柱線 A 塑鉸設定示意圖 22

圖 3.4-7 結構 X 向分析模型之柱線 B 塑鉸設定示意圖 22

圖 3.4-8 結構 X 向分析模型之柱線 C 塑鉸設定示意圖 22

圖 3.4-9 結構 X 向分析模型之柱線 1 塑鉸設定示意圖 23
圖 3.4-10 結構 X 向分析模型之柱線 2 塑鉸設定示意圖 23
圖 3.4-11 結構 X 向分析模型之柱線 3 塑鉸設定示意圖 24
圖 3.4-12 結構 X 向分析模型之柱線 4 塑鉸設定示意圖 24
圖 3.4-13 結構 X 向分析模型之柱線 5 塑鉸設定示意圖 25
圖 3.4-14 結構 X 向分析模型之柱線 6 塑鉸設定示意圖 25
圖 3.4-15 結構 X 向分析模型之柱線 7 塑鉸設定示意圖 26
圖 3.4-16 結構 X 向分析模型之柱線 8 塑鉸設定示意圖 26
圖 3.4-17 結構 X 向分析模型之柱線 9 塑鉸設定示意圖 27
圖 3.4-18 結構 X 向分析模型之柱線 10 塑鉸設定示意圖 27
圖 3.4-19 結構 X 向分析模型之柱線 11 塑鉸設定示意圖 28
圖 3.4-20 結構 Y 向分析模型之柱線 A 塑鉸設定示意圖 28
圖 3.4-21 結構 Y 向分析模型之柱線 B 塑鉸設定示意圖 28
圖 3.4-22 結構 Y 向分析模型之柱線 C 塑鉸設定示意圖 29
圖 3.4-23 結構 Y 向分析模型之柱線 1 塑鉸設定示意圖 29
圖 3.4-24 結構 Y 向分析模型之柱線 2 塑鉸設定示意圖 30
圖 3.4-25 結構 Y 向分析模型之柱線 3 塑鉸設定示意圖 30
圖 3.4-26 結構 Y 向分析模型之柱線 4 塑鉸設定示意圖 31
圖 3.4-27 結構 Y 向分析模型之柱線 5 塑鉸設定示意圖 31
圖 3.4-28 結構 Y 向分析模型之柱線 6 塑鉸設定示意圖 32
圖 3.4-29 結構 Y 向分析模型之柱線 7 塑鉸設定示意圖 32
圖 3.4-30 結構 Y 向分析模型之柱線 8 塑鉸設定示意圖 33
圖 3.4-31 結構 Y 向分析模型之柱線 9 塑鉸設定示意圖 33
圖 3.4-32 結構 Y 向分析模型之柱線 10 塑鉸設定示意圖 34
圖 3.4-33 結構 Y 向分析模型之柱線 11 塑鉸設定示意圖 34
圖 4.1-1 結構正 X 向之容量曲線圖(側力位移圖) 41

圖 4.1-2 結構正 X 向之 Sa-Sd 圖 42
圖 4.1-3 結構正 X 向之 EPA 曲線 42
圖 4.1-4 結構正 X 向於地震 0.505g($R_{C/D}$=1)狀態之塑鉸發展情形 43
圖 4.1-5 結構正 X 向於地震 0.505g($R_{C/D}$=1)狀態之塑鉸發展情形(柱線 A)..... 43
圖 4.1-6 結構正 X 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 B)..... 44
圖 4.1-7 結構正 X 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 C)..... 44
圖 4.2-1 結構負 X 向之容量曲線圖(側力位移圖) 55
圖 4.2-2 結構負 X 向之 Sa-Sd 圖 56
圖 4.2-3 結構負 X 向之 EPA 曲線 56
圖 4.2-4 結構負 X 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形 57
圖 4.2-5 結構負 X 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 A) 57
圖 4.2-6 結構負 X 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 B)..... 58
圖 4.2-7 結構負 X 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 C)..... 58
圖 4.3-1 結構正 Y 向之容量曲線圖(側力位移圖) 71
圖 4.3-2 結構正 Y 向之 Sa-Sd 圖 71
圖 4.3-3 結構正 Y 向之 EPA-Sd 圖 72
圖 4.3-4 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形 72
圖 4.3-5 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 1) 73
圖 4.3-6 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 2) 73
圖 4.3-7 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 3) 74
圖 4.3-8 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 4) 74
圖 4.3-9 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 5) 75
圖 4.3-10 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 6) 75
圖 4.3-11 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 7) 76
圖 4.3-12 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 8) 76
圖 4.3-13 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 9) 77

圖 4.3-14 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 10) .. 77
圖 4.3-15 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 11) .. 78
圖 4.4-1 結構負 Y 向之容量曲線圖(側力位移圖) 91
圖 4.4-2 結構負 Y 向之 Sa-Sd 圖 91
圖 4.4-3 結構負 Y 向之 EPA-Sd 圖 92
圖 4.4-4 結構負 Y 向 0.505g($R_{C/D}$=1)點之塑鉸發展情形 92
圖 4.4-5 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 1) 93
圖 4.4-6 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 2) 93
圖 4.4-7 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 3) 94
圖 4.4-8 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 4) 94
圖 4.4-9 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 5) 95
圖 4.4-10 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 6) 95
圖 4.4-11 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 7) 96
圖 4.4-12 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 8) 96
圖 4.4-13 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 9) 97
圖 4.4-14 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 10) ... 97
圖 4.4-15 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 11) ... 98
圖 5.1-1 TCU078 人造地震作用下塑鉸發展情形 100
圖 5.1-2 TCU078 人造地震作用下塑鉸發展情形(柱線 1) 100
圖 5.1-3 TCU078 人造地震作用下塑鉸發展情形(柱線 2) 101
圖 5.1-4 TCU078 人造地震作用下塑鉸發展情形(柱線 3) 101
圖 5.1-5 TCU078 人造地震作用下塑鉸發展情形(柱線 4) 102
圖 5.1-6 TCU078 人造地震作用下塑鉸發展情形(柱線 5) 102
圖 5.1-7 TCU078 人造地震作用下塑鉸發展情形(柱線 6) 103
圖 5.1-8 TCU078 人造地震作用下塑鉸發展情形(柱線 7) 103
圖 5.1-9 TCU078 人造地震作用下塑鉸發展情形(柱線 8) 104

圖 5.1-10 TCU078 人造地震作用下塑鉸發展情形(柱線 9) 104
圖 5.1-11 TCU078 人造地震作用下塑鉸發展情形(柱線 10) 105
圖 5.1-12 TCU078 人造地震作用下塑鉸發展情形(柱線 11) 105
圖 5.1-13 TCU078 人造地震作用下塑鉸發展情形(柱線 A) 106
圖 5.1-14 TCU078 人造地震作用下塑鉸發展情形(柱線 B)..... 106
圖 5.1-15 TCU078 人造地震作用下塑鉸發展情形(柱線 C)..... 106
圖 5.1-16 TCU079 人造地震作用下塑鉸發展情形 107
圖 5.1-17 TCU079 人造地震作用下塑鉸發展情形(柱線 1) 107
圖 5.1-18 TCU079 人造地震作用下塑鉸發展情形(柱線 2) 108
圖 5.1-19 TCU079 人造地震作用下塑鉸發展情形(柱線 3) 108
圖 5.1-20 TCU079 人造地震作用下塑鉸發展情形(柱線 4) 109
圖 5.1-21 TCU079 人造地震作用下塑鉸發展情形(柱線 5) 109
圖 5.1-22 TCU079 人造地震作用下塑鉸發展情形(柱線 6) 110
圖 5.1-23 TCU079 人造地震作用下塑鉸發展情形(柱線 7) 110
圖 5.1-24 TCU079 人造地震作用下塑鉸發展情形(柱線 8) 111
圖 5.1-25 TCU079 人造地震作用下塑鉸發展情形(柱線 9) 111
圖 5.1-26 TCU079 人造地震作用下塑鉸發展情形(柱線 10) 112
圖 5.1-27 TCU079 人造地震作用下塑鉸發展情形(柱線 11) 112
圖 5.1-28 TCU079 人造地震作用下塑鉸發展情形(柱線 A) 113
圖 5.1-29 TCU079 人造地震作用下塑鉸發展情形(柱線 B)..... 113
圖 5.1-30 TCU079 人造地震作用下塑鉸發展情形(柱線 C)..... 113
圖 5.1-31 CHY087 人造地震作用下塑鉸發展情形..... 114
圖 5.1-32 CHY087 人造地震作用下塑鉸發展情形 (柱線 1)..... 114
圖 5.1-33 CHY087 人造地震作用下塑鉸發展情形 (柱線 2)..... 115
圖 5.1-34 CHY087 人造地震作用下塑鉸發展情形 (柱線 3)..... 115
圖 5.1-35 CHY087 人造地震作用下塑鉸發展情形 (柱線 4)..... 116

圖 5.1-36 CHY087 人造地震作用下塑鉸發展情形 (柱線 5)..... 116
圖 5.1-37 CHY087 人造地震作用下塑鉸發展情形 (柱線 6)..... 117
圖 5.1-38 CHY087 人造地震作用下塑鉸發展情形 (柱線 7)..... 117
圖 5.1-39 CHY087 人造地震作用下塑鉸發展情形 (柱線 8)..... 118
圖 5.1-40 CHY087 人造地震作用下塑鉸發展情形 (柱線 9)..... 118
圖 5.1-41 CHY087 人造地震作用下塑鉸發展情形 (柱線 10)..... 119
圖 5.1-42 CHY087 人造地震作用下塑鉸發展情形 (柱線 11)..... 119
圖 5.1-43 CHY087 人造地震作用下塑鉸發展情形 (柱線 A)..... 120
圖 5.1-44 CHY087 人造地震作用下塑鉸發展情形 (柱線 B)..... 120
圖 5.1-45 CHY087 人造地震作用下塑鉸發展情形 (柱線 C)..... 120

第一章 前言

1.1 計畫緣由與目的

依據核能安全委員會(以下簡稱核安會)核准之核一廠除役計畫(以下簡稱除役計畫)，及行政院環境保護署(以下簡稱環保署)核准之「核能一廠除役計畫環境影響評估報告書」(以下簡稱除役環評)，台灣電力公司(以下簡稱台電公司)原規劃將於核一廠西南隅，興建一座容量相當於 50,000 桶 55 加侖桶之貯存庫(以下簡稱三號低貯庫)，用於容納除役所產生 A、B、C、GTCC(超 C 類)低放射性廢棄物及一座橫跨乾華溪的新乾華二橋。

核安會為確保核一廠除役能按除役計畫執行而對台電公司開立管制追蹤案(管制編號 CS-DP-20)，內容要求台電公司三號低貯庫需於 2023 年 1 月提送建造執照申請，2028 年 12 月完成啟用，以容納除役過程所產生之低放射性廢棄物包件。

核一廠三號低貯庫興建工程由台電公司規劃興建位置及基地大小後，辦理「核一廠除役低放射性廢棄物貯存庫興建工程委託技術服務工作」(以下簡稱本計畫)之採購，工作內容包含規劃、設計及工程採購決標後之技術支援服務，並於 2022 年 2 月 7 日決標，由中興工程顧問股份有限公司(以下簡稱中興公司)承攬本技術服務工作。

第二章 基本資料

2.1 地理位置

三號低貯庫興建位置將自西南隅移至 69 kV 開關場並取消新乾華二橋，位置、基地範圍如圖 2.1-1 所示。

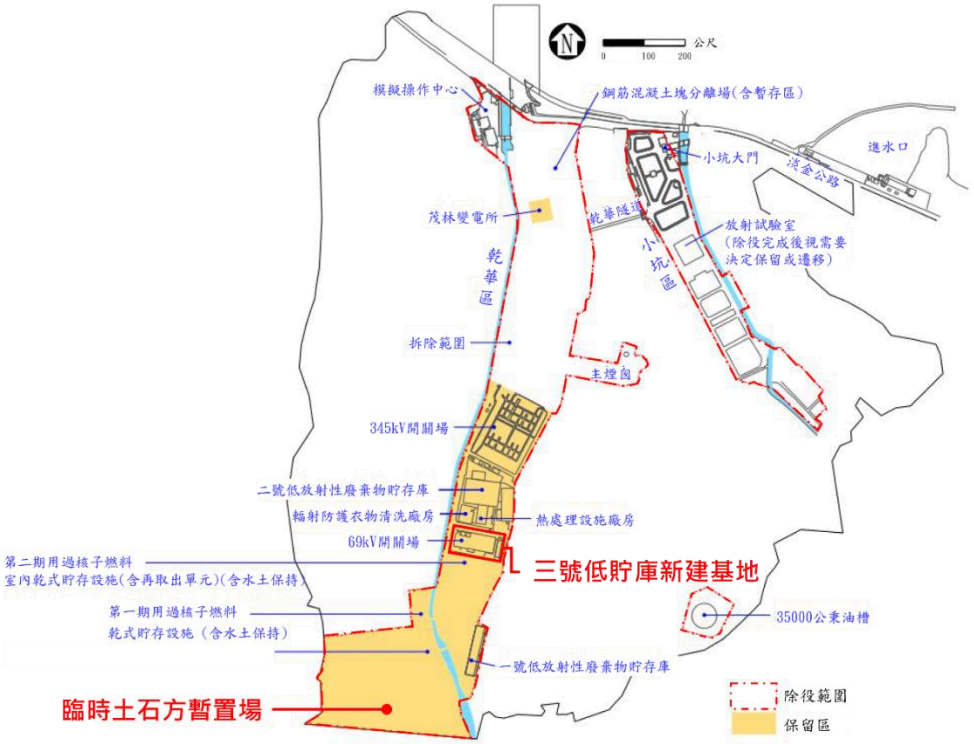


圖 2.1-1 核一廠三號低貯庫興建位置圖

2.2 結構概述

三號低貯庫主要分為容器儲存區及辦公輔助區(詳圖 2.2-1)，結構平面尺寸長 102.5 m×寬 41m，容器儲存區之高度約為地上 20.7m 而辦公輔助區不含屋突高程約為 10 公尺。另外，考量輻射屏蔽之作用，故容器儲存區之外牆採 90cm 厚之剪力牆。三號低貯庫相關資料整理於表 2.2-1。

表 2.2-1 3 號低貯庫相關資料

標的物結構摘要表				
標的物名稱	核一廠三號低貯庫			
構造	R.C.造		樓層數	貯存區：地上 1 層 辦公區：地上 2 層
結構系統	梁柱構架含剪力牆		平面尺寸	102.5m*41m
主要梁尺寸	90cm X 120cm、100cm X 150cm 60cm X 80cm、70cm X 90cm 、100cm X 150cm			
柱尺寸	120cm X 120cm 110cm X 120cm 115cm X 115cm 90cm X 90cm		樓高	貯存區：20.7m 為辦公區:10m(不含屋突)
樓版尺寸	貯存區：35cm (屋頂版) 辦公區：20cm		基礎	筏式基礎(190cm)
設計強度	鋼筋	#4 (含)以上 fy = 4200kgf/cm2 #3 (含)以下 fy = 2,800 kgf/cm2	混凝土	fc'=350 kgf/cm2
樓層用途	低放廢棄物貯存、辦公室			

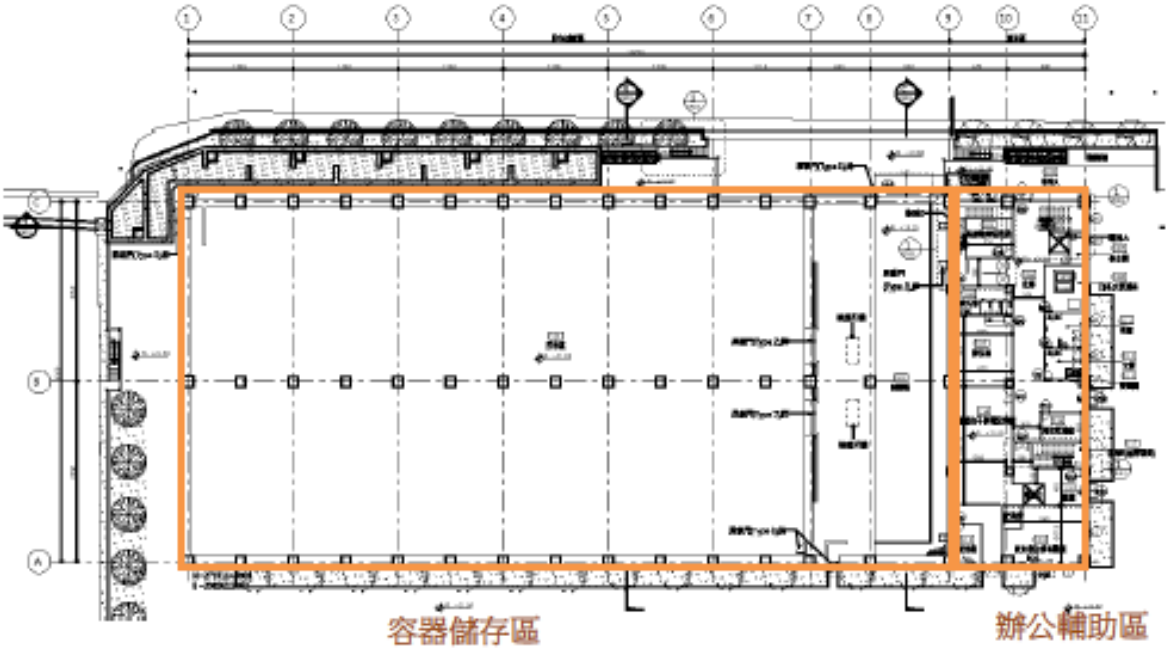


圖 2.2-1 核一廠三號低貯庫平面圖

2.3 結構系統

本案建築物為地上三層之 RC 造系統，水平地震力由柱及牆共同抵抗，而基礎採 1.9m 厚之平板基礎。

2.4 結構材料規格

1.混凝土抗壓強度採用設計強度 350 kg/cm^2。

2.鋼筋降伏強度：

#4 (含)以上 fy = 4200kgf/cm^2

#3 (含)以下 fy = 2,800 kgf/cm^2

2.5 樓層載重計算

1.靜載重計算

樓層	柱重	樑重	版重	牆重	其他重量	樓層總重量	樓版面積	單位重
	tf	tf	tf	tf	tf	tf	m2	tf/m2
RF	420.9	3873.7	2996.3	1772.5	1426.8	10490.2	3567.0	2.94
4F	790.0	704.9	0.0	2958.3	27.2	4480.5	0.0	-
3F	795.1	1010.9	332.7	3295.8	173.3	5607.8	693.1	8.09
2F	835.6	995.8	305.0	2516.4	286.0	4938.8	635.5	7.77
1F	417.8	0.0	18632.0	1738.8	273.7	21062.3	4202.5	5.01
TOTAL	3259	6585	22266	12282	2187	46580	9098	5.12

2.活載重計算

a.容器儲存區之各層活載重整理如下 ：

樓層	單位面積活載重(kgf/m^2)
1F	54,411(貯存區) / 9375(卸載區)
RF	250

b.辦公輔助區之各層活載重整理如下 ：

樓層	單位面積活載重(kgf/m^2)
1F	1,000
2F	1,000
3F、R1F	250

2.6 結構模態

結構週期之決定，取自該方向參與質量比最大的模態週期。經由模態分析結果顯示，X 向最大參與質量比發生於第 48 模態，Y 向最大參與質量比發生於第 4 模態，扭轉向最大參與質量比發生於第 52 模態。故結構 X 向之基本週期為 0.090 秒(圖 2.6-1)、Y 向為 0.197 秒(圖 2.6-2)及扭轉向為 0.076 秒(圖 2.6-3)。本案分析時，X 向、Y 向及扭轉向之模態質量比皆考慮至 90%以上，而各方向模態週期及參與質量詳見表 2.6-1 :

表 2.6-1 各模態週期及參與質量比

Mode	Period (sec)	SumUX (%)	SumUY (%)	SumRZ (%)	Mode	Period (sec)	SumUX (%)	SumUY (%)	SumRZ (%)
1	0.339	0.549	0.001	0.016	29	0.129	6.102	53.848	12.441
2	0.339	1.173	0.001	0.029	30	0.128	6.102	53.848	12.441
3	0.223	5.014	0.001	0.029	31	0.127	6.116	53.848	12.441
4	0.197	5.014	29.992	3.660	32	0.125	6.116	53.848	12.441
5	0.190	5.017	29.992	3.660	33	0.123	6.197	53.848	12.441
6	0.184	5.349	29.992	3.670	34	0.122	6.208	53.848	12.441
7	0.183	5.349	30.256	4.187	35	0.120	6.210	53.848	12.441
8	0.179	5.349	30.274	7.810	36	0.120	7.666	53.853	12.441
9	0.176	5.364	30.274	7.811	37	0.119	7.668	80.889	13.412
10	0.164	5.364	30.780	8.510	38	0.118	7.712	80.889	13.412
11	0.162	5.781	30.780	8.510	39	0.117	8.877	80.891	13.412
12	0.157	5.781	36.125	9.413	40	0.117	12.367	80.895	13.413
13	0.155	5.784	36.127	9.413	41	0.116	12.803	80.895	13.413
14	0.149	5.784	36.658	9.791	42	0.112	12.804	81.295	15.220
15	0.147	6.081	36.658	9.791	43	0.111	12.805	81.401	16.976
16	0.140	6.081	38.610	10.038	44	0.104	12.808	81.403	16.983
17	0.138	6.081	52.416	10.372	45	0.103	12.810	81.403	17.887
18	0.135	6.082	53.487	10.499	46	0.100	12.834	81.403	17.888
19	0.133	6.082	53.488	11.535	47	0.100	12.835	81.403	17.892
20	0.133	6.082	53.489	11.535	48	0.090	79.912	81.406	17.992
21	0.132	6.082	53.594	11.550	49	0.087	79.913	81.859	22.686
22	0.132	6.082	53.755	11.778	50	0.086	80.036	81.860	22.687
23	0.131	6.082	53.765	11.804	51	0.080	82.675	81.860	22.730
24	0.131	6.082	53.771	11.807	52	0.076	82.761	82.014	66.504
25	0.130	6.102	53.771	11.807	53	0.074	82.762	82.016	66.804
26	0.130	6.102	53.774	11.810	54	0.073	82.894	82.126	75.972
27	0.130	6.102	53.774	11.814	55	0.073	87.037	82.131	76.302
28	0.130	6.102	53.775	11.822	56	0.071	87.054	82.500	76.627

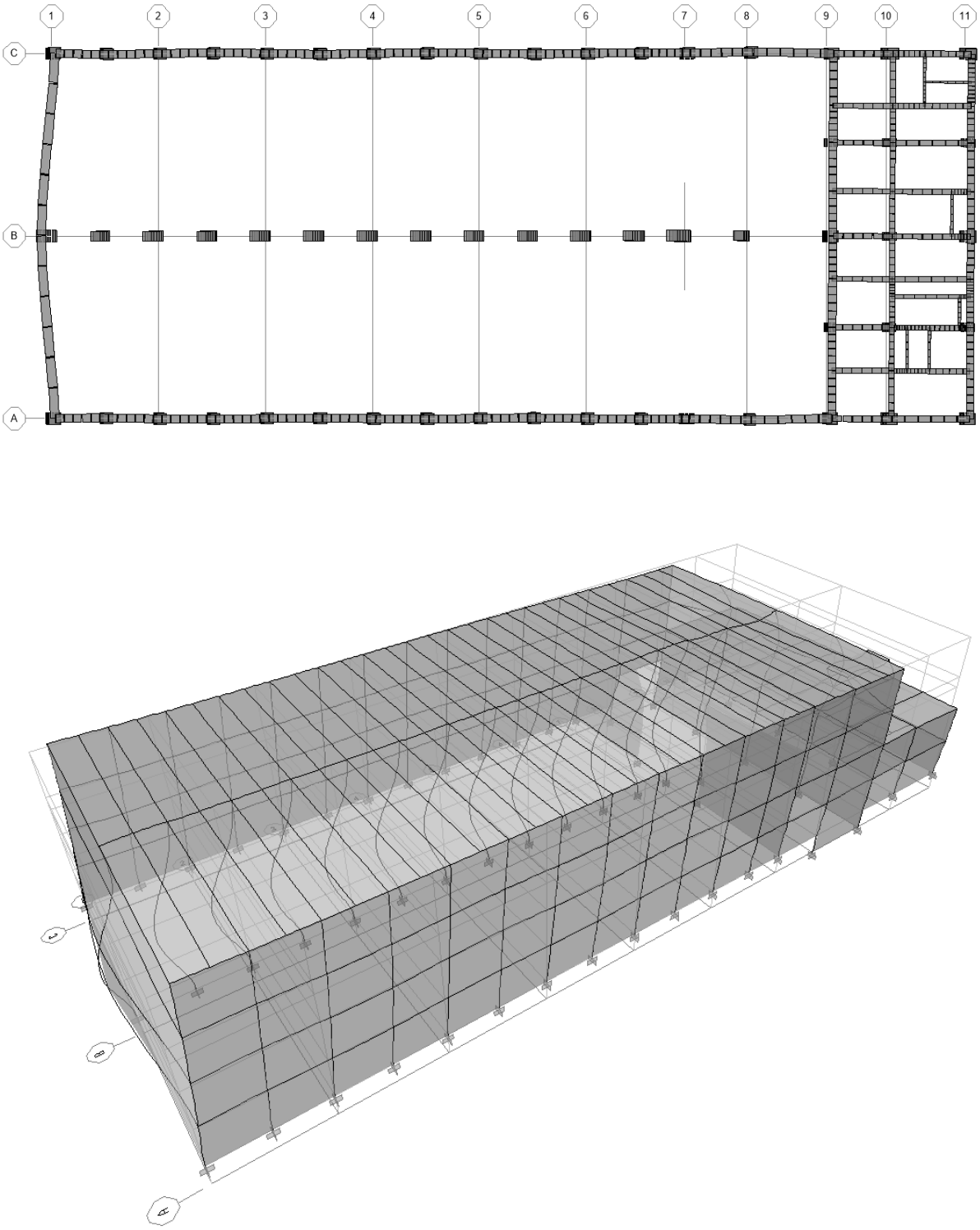


圖 2.6-1 X 向模態(T=0.090sec)

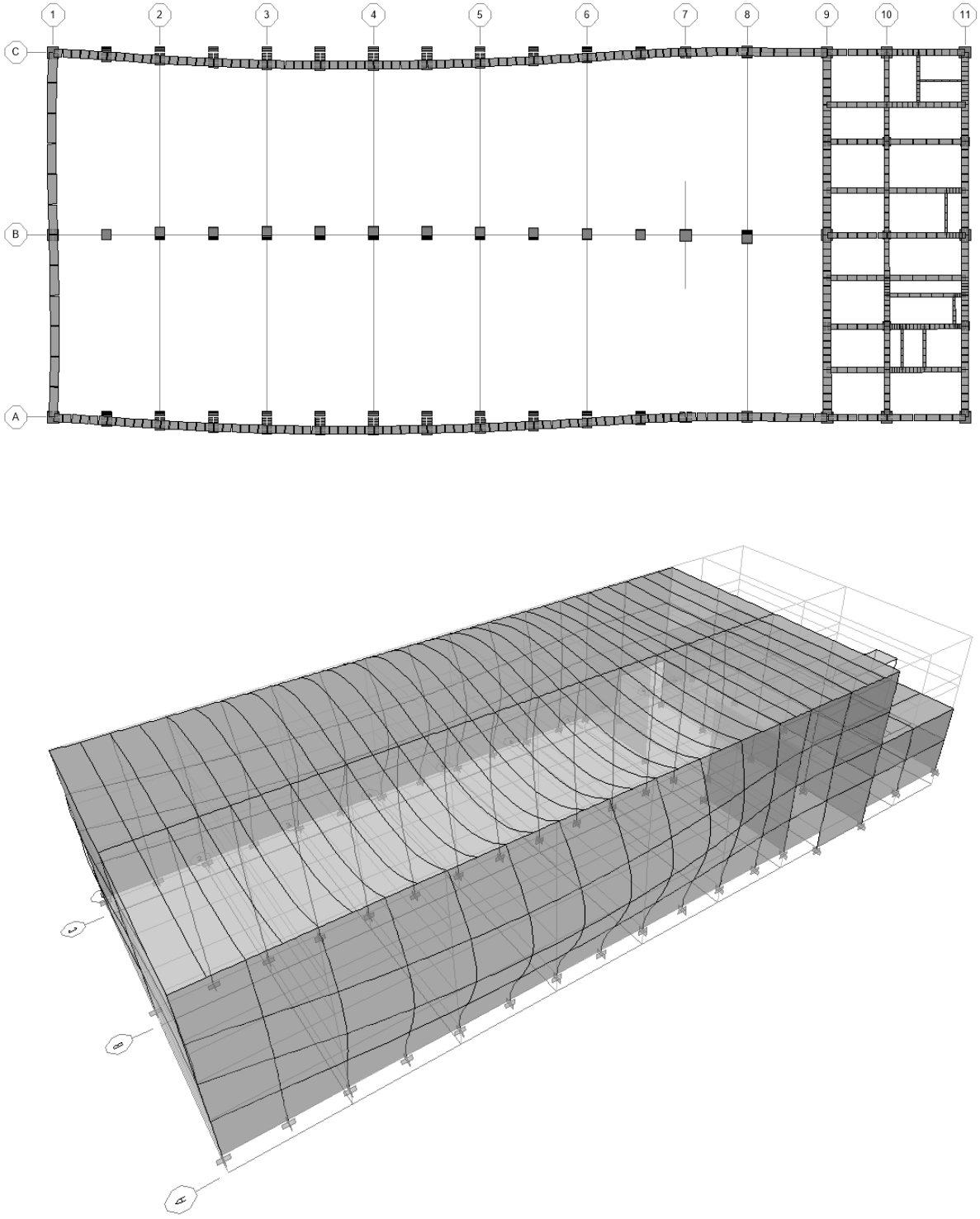


圖 2.6-2 Y 向模態(T=0.197sec)

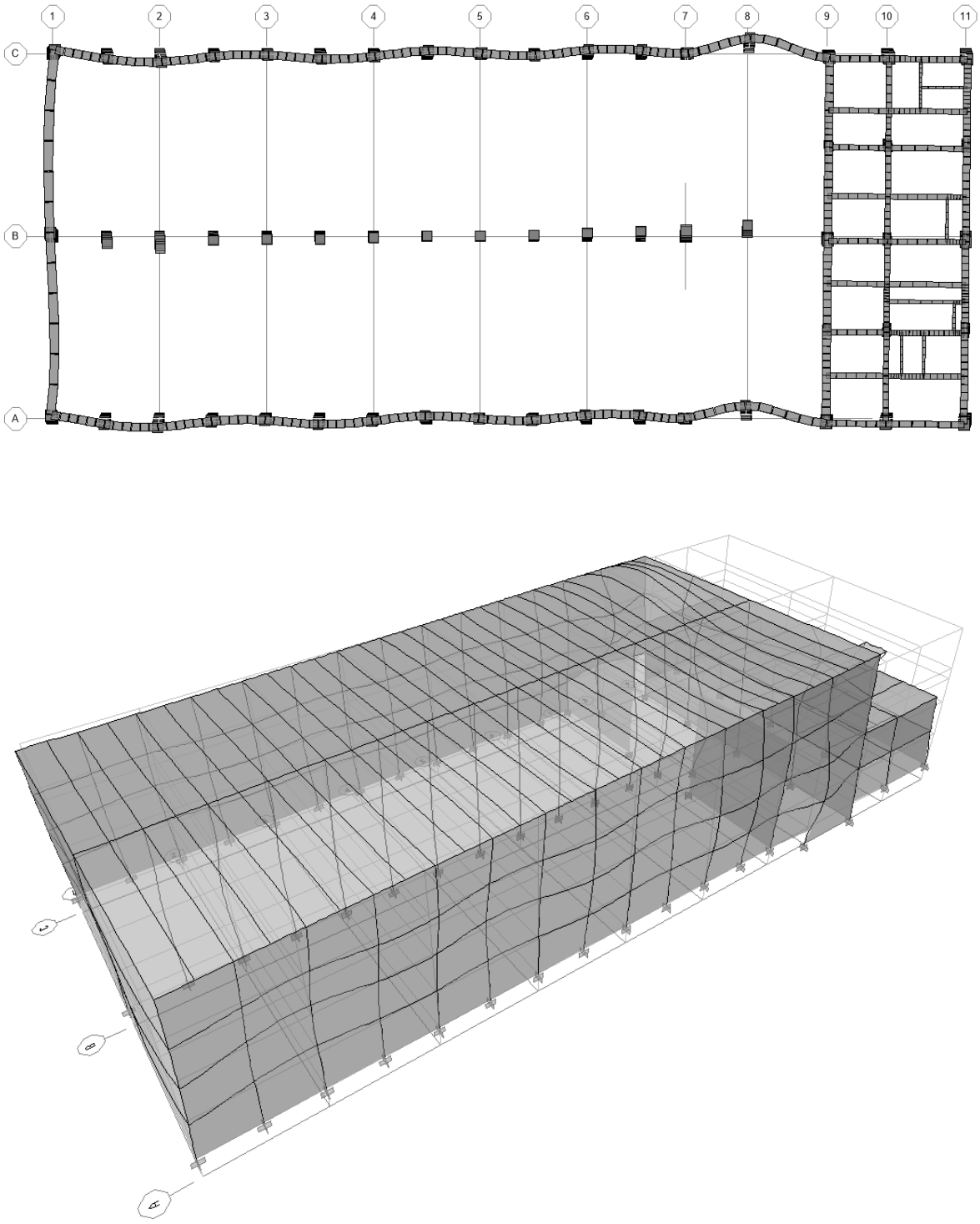


圖 2.6-3 扭轉向模態(T=0.076sec)

第三章 建築結構耐震詳細評估

3.1 耐震性能目標

核一廠三號低貯庫之廠址，位於新北市石門區，惟我國現行之耐震設計規範並未將廠址附近之山腳斷層考慮其中，故本案將以定值法(DSHA)求得考慮山腳斷層之地震反應譜(圖 3.1-1)作為本案耐震評估之需求反應譜。而由圖 3.1-1 顯示，此需求反應譜之 EPA 為 0.505g($R_{C/D}$=1)，而本案將以此需求反應譜作為本結構耐震評估之耐震需求，故本案之性能目標(A_P)為 0.505g 。

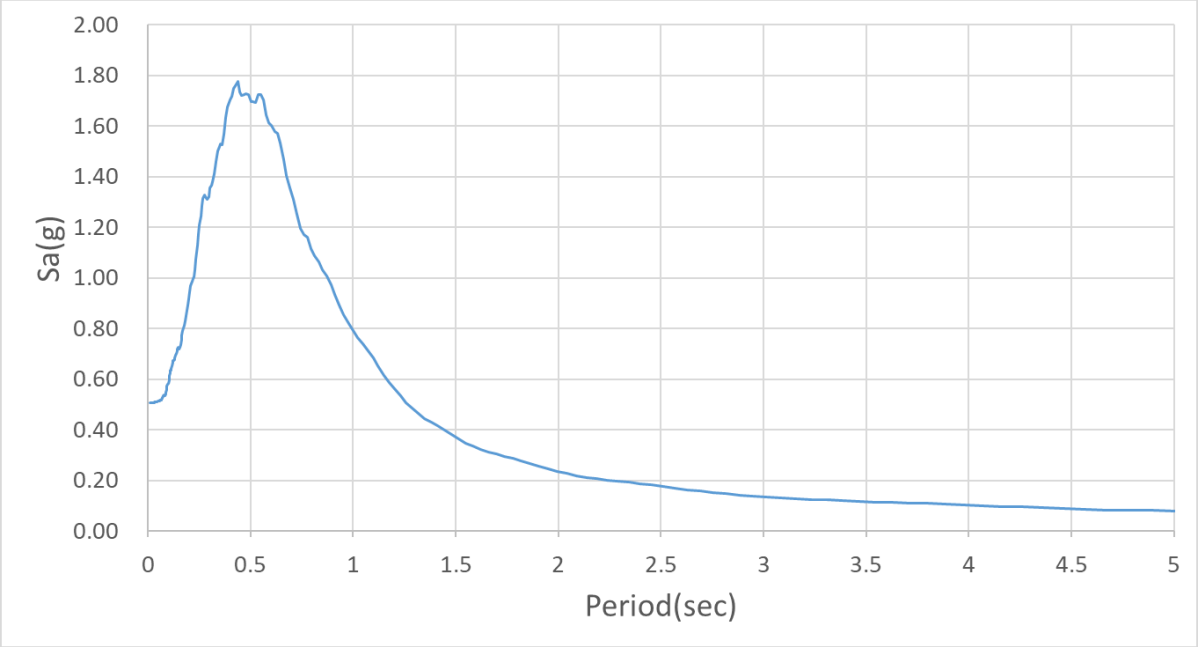


圖 3.1-1 考慮山腳斷層之 DSHA 地震加速度反應譜

3.2 評估方法

本案之評估方法除採用一般業界常用之非線性靜力分析(側推分析)外，另考量結構之第一主要模態有效振態質量比小於 60%，故亦將採用非線性動力歷時分析評估方法進行結構耐震評估。兩方法之相關說明如下：

1.非線性靜力分析(側推分析)

a. 進行非線性靜力側推分析，側向荷載採用依加速度分配型式加載。同時，側推前先加載 100%靜載重(Dead Load)及 50%活載重(Live Load)後再進行側推分析。

b. 本案進行側推分析時，採用臺灣結構耐震評估側推分析法（TEASPA），此法為國家地震工程研究中心（國震中心）與財團法人中興工程顧問社（中興社）合作提出，其特點為為柱彎矩非線性鉸性質考量斷面軸力彎矩互制曲線，可隨分析過程柱軸力變化動態調整。另外，有關剪力牆部分則考慮成等值寬柱之型式進行分析。

c. 非線性靜力分析時鋼筋混凝土梁、柱及剪力牆構件之塑鉸性質設定以 TEASPA v4.2 版本進行前處理作業，以完成鋼筋混凝土構件塑鉸性質設定，且採用由美國 CSI 公司之電腦分析程式 ETABS 進行側推分析，並進一步計算地表加速度以檢核耐震能力。

d. 下列為分析結果較為關鍵之相關桿件塑鉸背骨曲線，分別為梁端彎矩塑鉸、柱中央剪力塑鉸以及牆端彎矩塑鉸。

(a) 梁端彎矩塑鉸

梁端彎矩塑鉸背骨曲線可簡化為 5 階段，如下圖 3.2-1 所示。首段為彈性段(A-B 階段)，此階段尚未產生塑鉸，亦無塑性轉角；第二段為塑性平台段(B-C 階段)，此段到維持該梁斷面最大彎矩，並產生塑性轉角至強度點轉角；第三段為塑性下降段(C-D 階段)，此段彎矩值下降殘餘彎矩，塑性轉角維持強度點轉角；第四段為塑性殘餘段(D-E 階段)，此段彎矩值維持殘餘彎矩，塑性轉角延伸至破壞點轉角；末段為破壞段(E 階段後)，此時該桿件已無能力貢獻彎矩，該值降為 0。

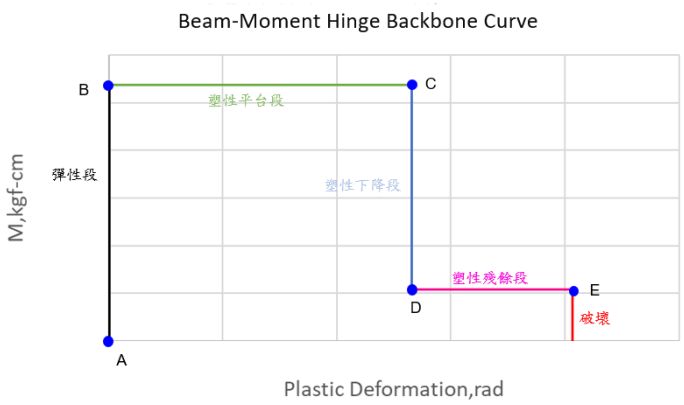


圖 3.2-1 梁端彎矩塑鉸背骨曲線

(b) 垂直桿件剪力塑鉸

垂直桿件剪力塑鉸背骨曲線可簡化為 3 階段，如圖 3.2-2 所示。首段為彈性段(A-B 階段)，此階段尚未產生塑鉸，亦無塑性位移；第二段為塑性爬升段(B-C 階段)，此段產生降伏且剪力值持續爬升之最大剪力強度，此時塑性變形達強度點位移；第三段為塑性下降段(C-D(E)階段)，此段剪力值下降至 0，塑性變形延伸至破壞點位移。

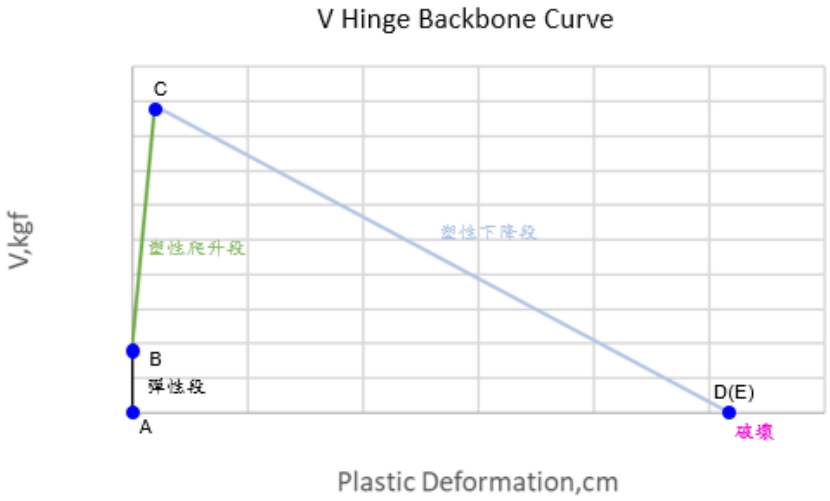


圖 3.2-2 垂直桿件剪力塑鉸背骨曲線

(c) 垂直桿件 PMM 塑鉸

垂直桿件 PMM 塑鉸背骨曲線可簡化為 5 階段，如圖 3.2-3 所示。首段為

彈性段(A-B 階段)，此階段尚未產生塑鉸，亦無塑性轉角；第二段為塑性爬升段(B-C 階段)，此段到達該斷面最大彎矩，並產生塑性轉角至強度點轉角；第三段為塑性下降段(C-D 階段)，此段彎矩值下降殘餘彎矩(40%最大彎矩)，塑性轉角延伸至殘餘強度轉角；第四段為塑性殘餘段(D-E 階段)，此段彎矩值維持殘餘彎矩，塑性轉角延伸至 10 倍之殘餘強度轉角；末段為破壞段(E 階段後)，此時該桿件已無能力貢獻彎矩，該值降為 0。

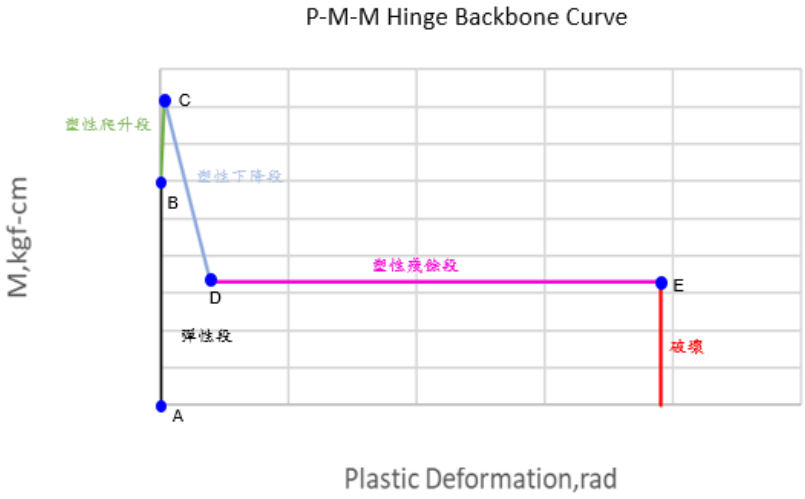


圖 3.2-3 垂直桿件 PMM 塑鉸背骨曲線

e. 本案進行評估時，依考慮山腳斷層效應之 DSHA 地震加速度反應譜作為耐震需求目標。

2.非線性動力分析

a. 進行非線性動力歷時分析所採用有限元素分析模型與側推分析模型相同，惟分析時採用符合需求反應譜之三組人造地震歷時進行輸入擾動進行評估分析。

b. 人造地震歷時之製作可分為兩部分，第一部分為定值法危害度分析，第二部分為地盤反應分析(詳附冊「斷層新事證檢核地震評估報告」)。

第一部分採用由國震中心於 2019 年提出「Development of the Hazard Input Document for Taiwan using SSHAC Level 3 Methodology Volume 3: GMC

Technical Report」，由此報告中選取 9 條衰減式，其控制震源為山腳斷層評估其 PGA 值及反應譜，最終取平均+Sigma 之 PGA 值及平均反應譜為基盤面(Vs30=760m/s)之地震力，平均+Sigma 之平均反應譜則為水平向反應譜(ZPA 約為 0.441g)，因距離山腳斷層 6.5 公里，故為近斷層，故垂直向反應譜為水平向反應譜的 2/3 倍(ZPA 約為 0.30g) (如圖 3.2-4)，並選取 3 組歷史地震(TCU078、TCU079 及 CYH087)與基盤面反應譜進行擬合，使獲得與基盤面反應譜相符之地震歷時。

第二部分採用 SHAKE2000 程式進行模擬，地震力由基盤面輸入，地盤參數取自鑽探資料，最終可獲得基礎面之地震歷時，則為非線性歷時分析所採用之人造地震歷時，其對應之反應譜及為本案之需求反應譜(EPA=0.505g)。

經地盤反應分析後可得 TCU078、TCU079 及 CYH087 三組人造地震歷時如圖 3.2-5~圖 3.2-7，作為非線性動力歷時分析之輸入擾動(性能目標 A_P)。

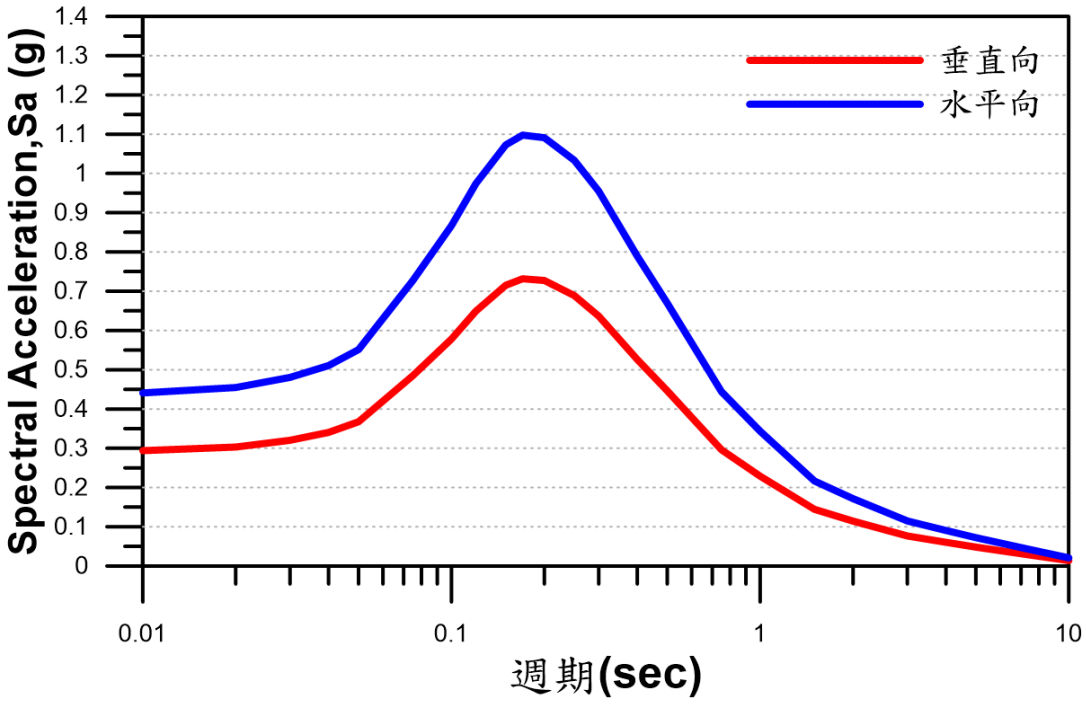


圖 3.2-4 基盤面水平向反應譜及垂直向反應譜

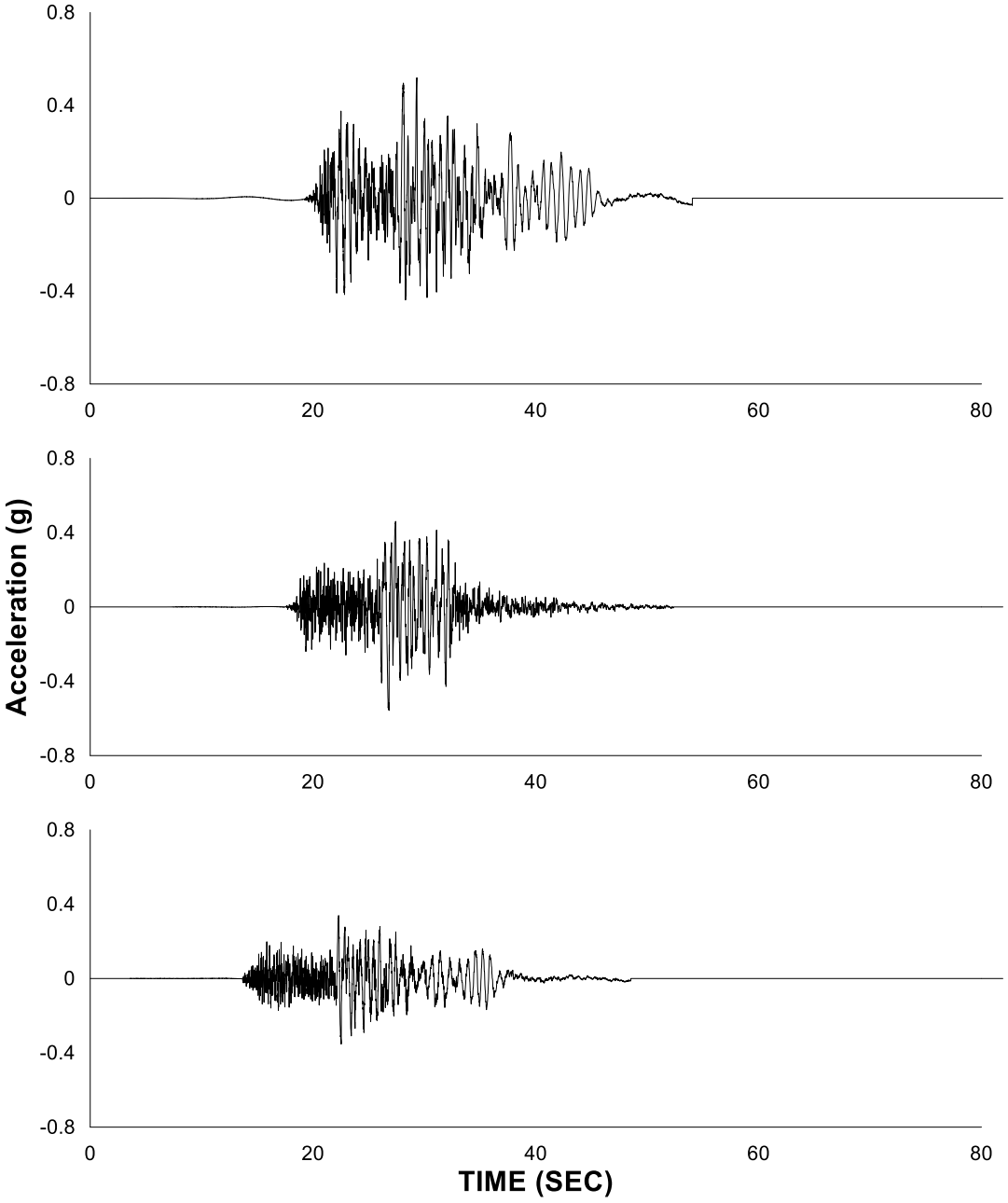


圖 3.2-5 TCU078 之人造地震歷時

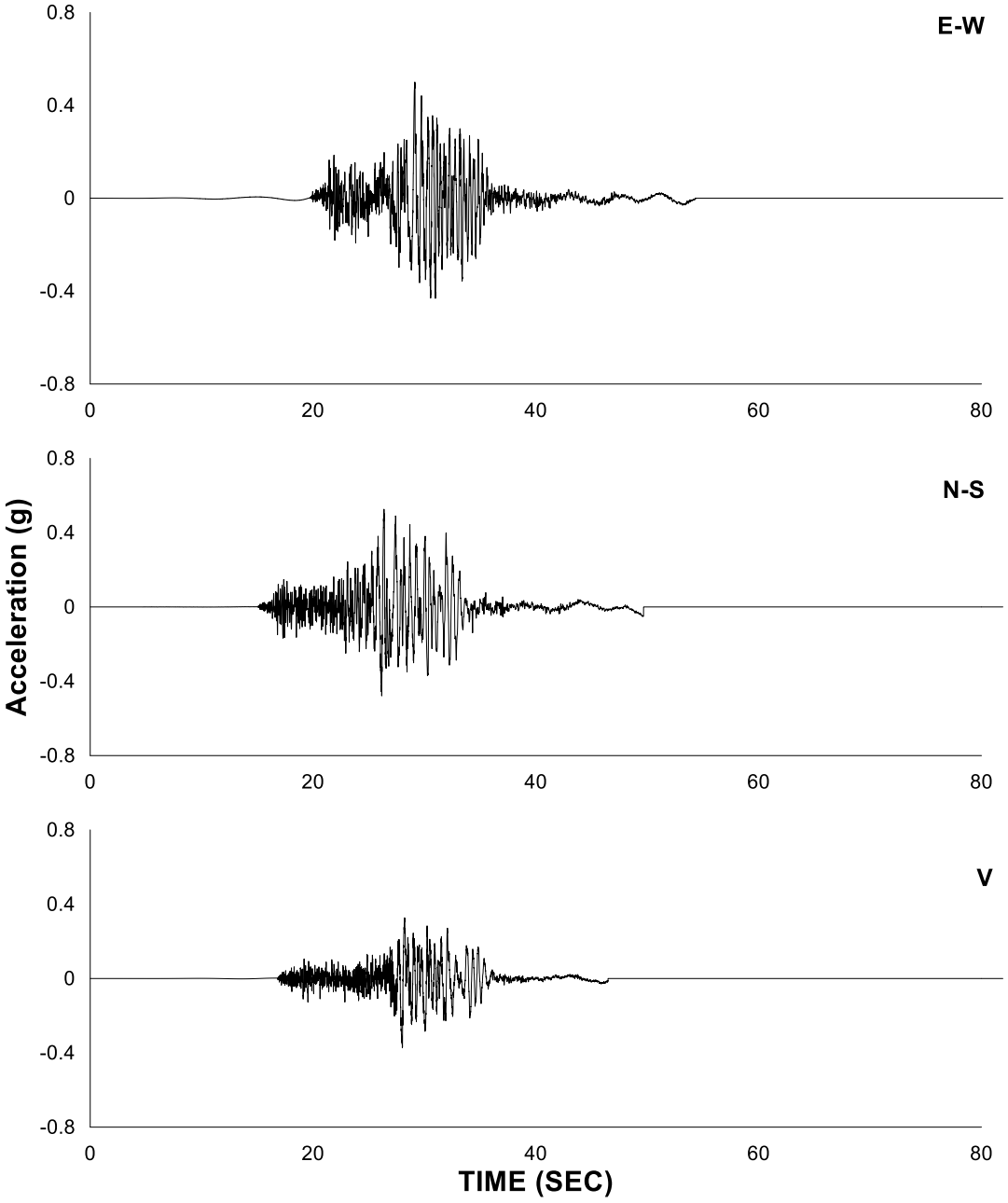


圖 3.2-6 TCU079 之人造地震歷時

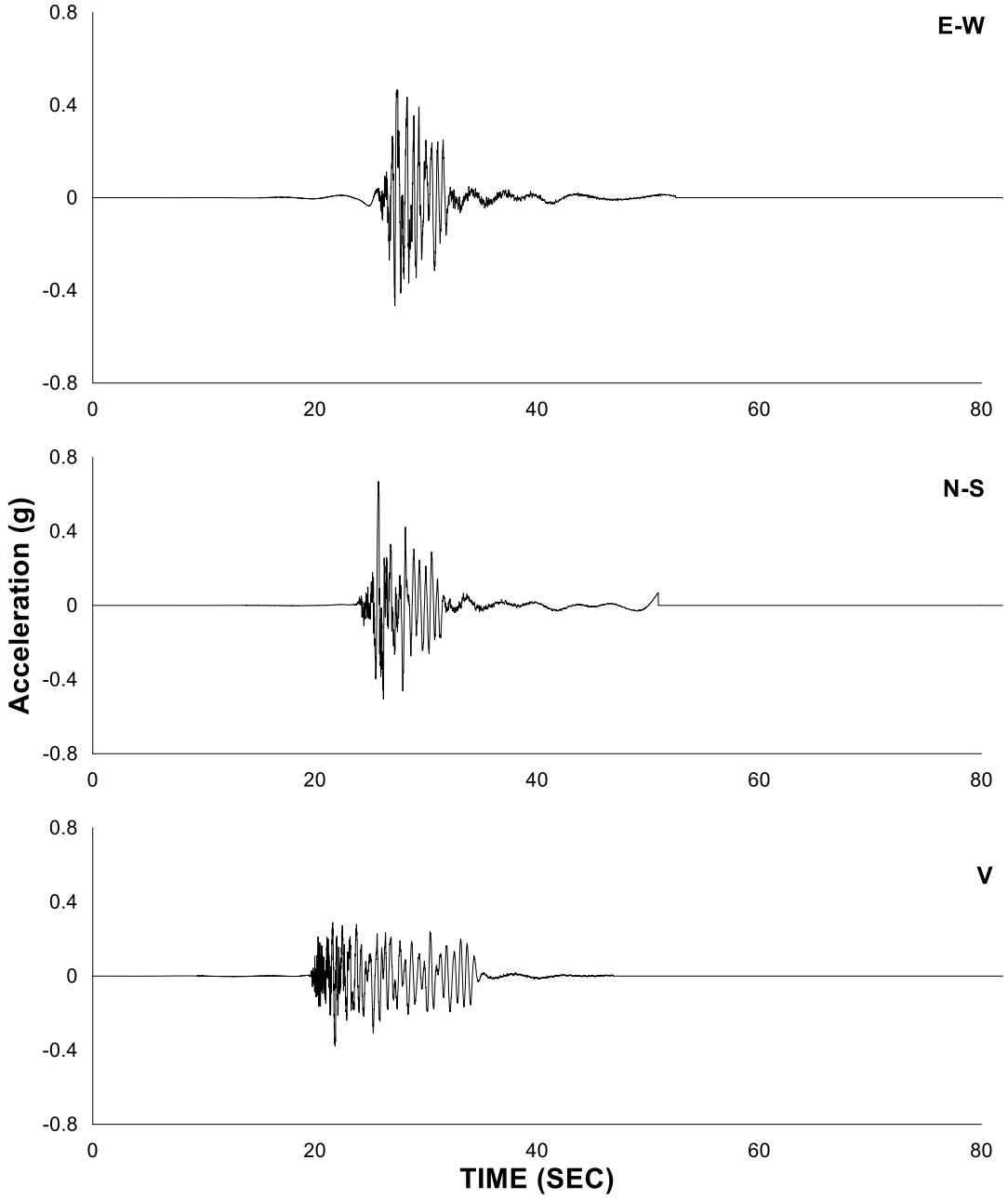


圖 3.2-7 CHY087 之人造地震歷時

3.3 評估流程

本案之評估流程如圖 3.3-1 所示。

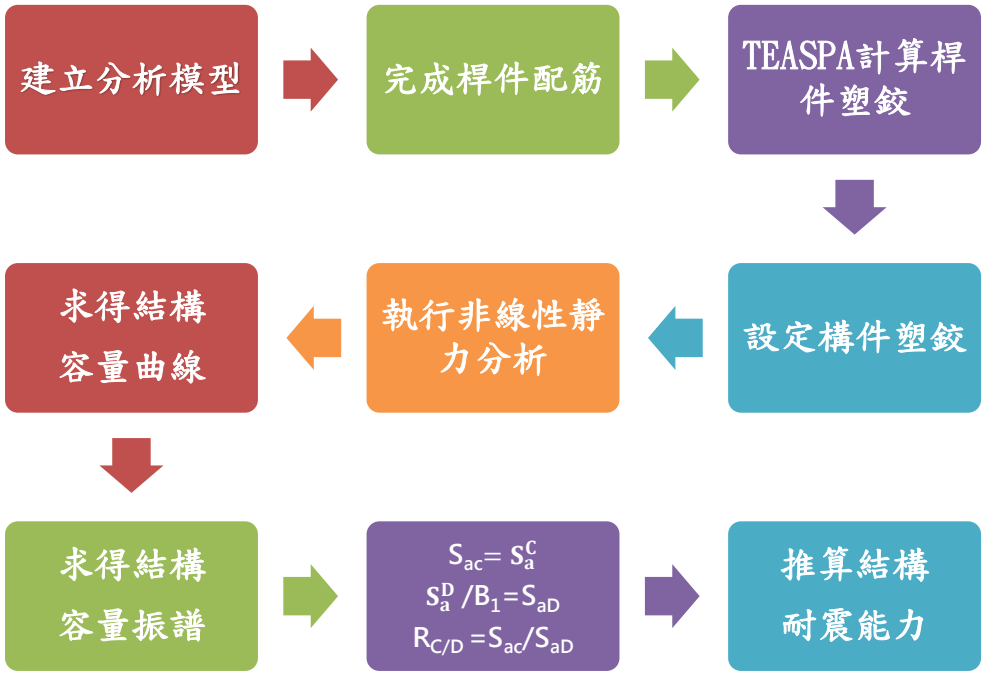


圖 3.3-1 非線性靜力分析(側推分析)評估流程

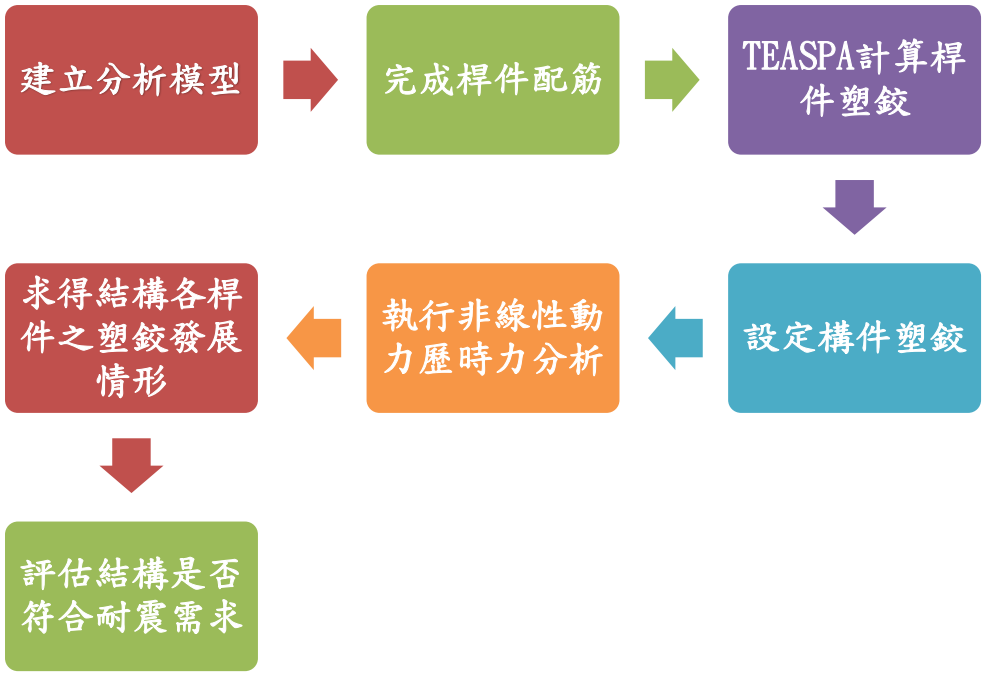


圖 3.3-2 非線性動力歷時分析評估流程

3.4 有限元素分析模型

本案之有限元素分析模型詳見圖 3.4-1~圖 3.4-5，而結構長向(X 向)分析模型之各桿件之塑鉸設定情形詳圖 3.4-6~圖 3.4-19，結構短向(Y 向)分析模型之各桿件之塑鉸設定情形詳圖 3.4-20~圖 3.4-33。

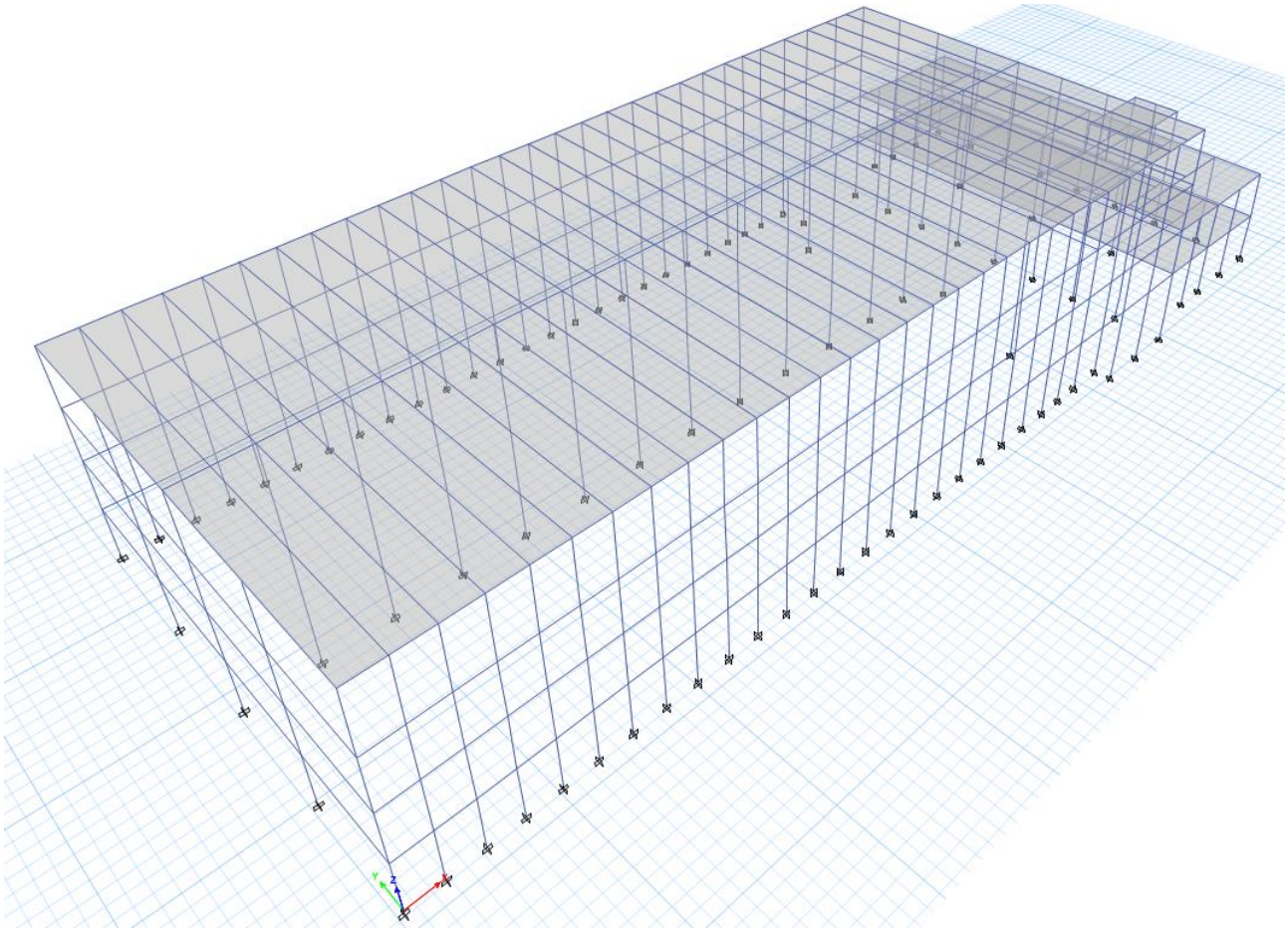


圖 3.4-1 側推分析 3D 模型

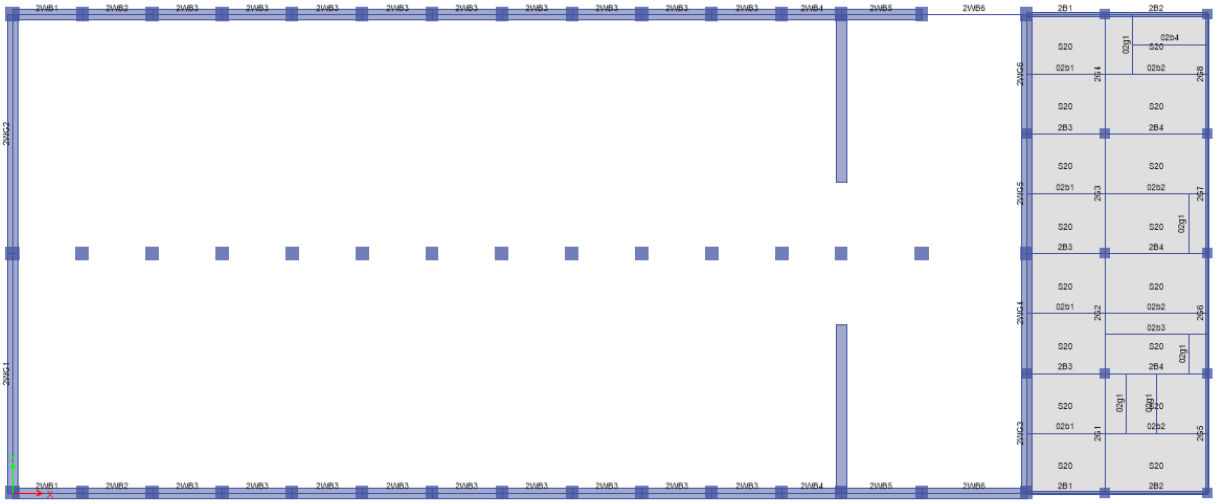


圖 3.4-2 2F-板、梁桿件斷面

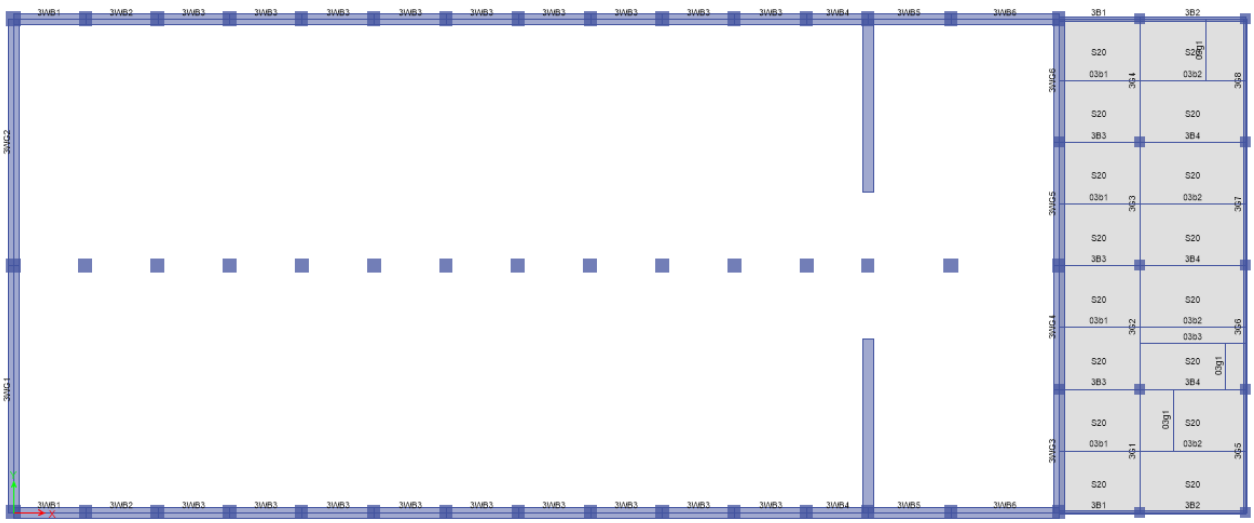


圖 3.4-3 3F-板、梁桿件斷面

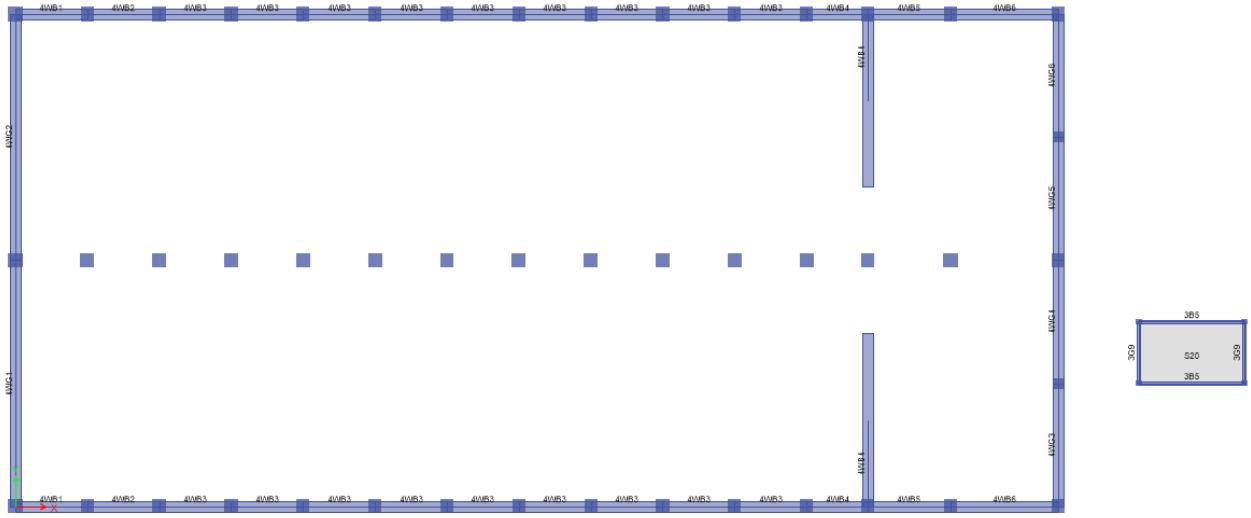


圖 3.4-4 4F-板、梁桿件斷面

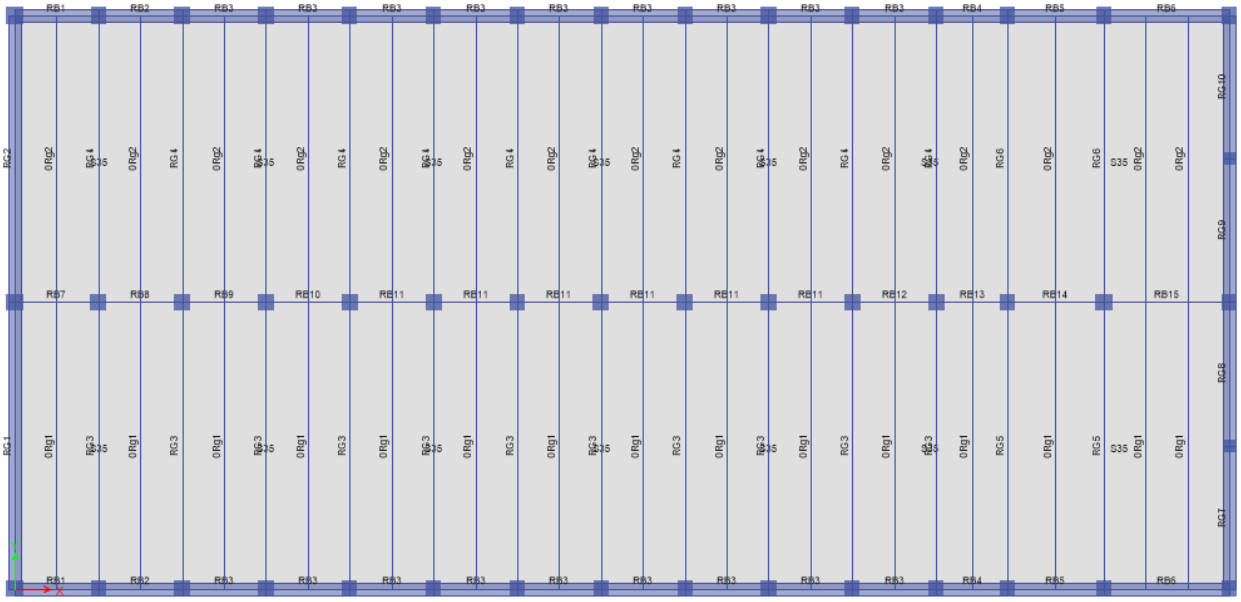


圖 3.4-5 RF-板、梁桿件斷面

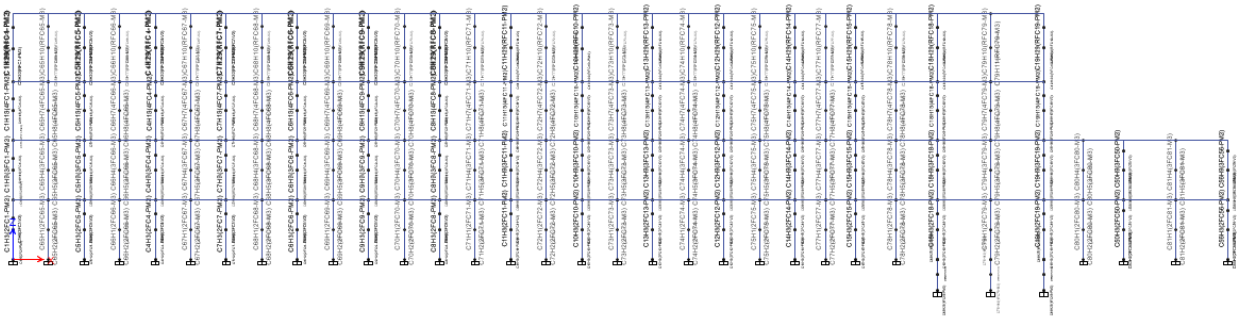


圖 3.4-6 結構 X 向分析模型之柱線 A 塑鉸設定示意圖

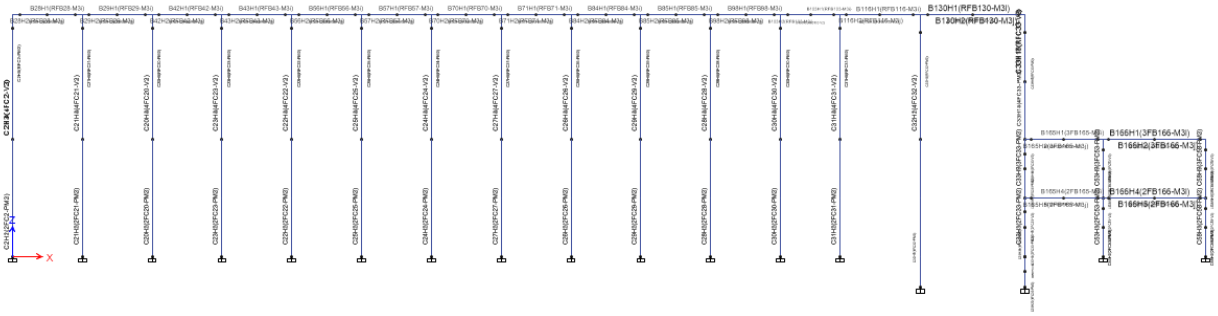


圖 3.4-7 結構 X 向分析模型之柱線 B 塑鉸設定示意圖

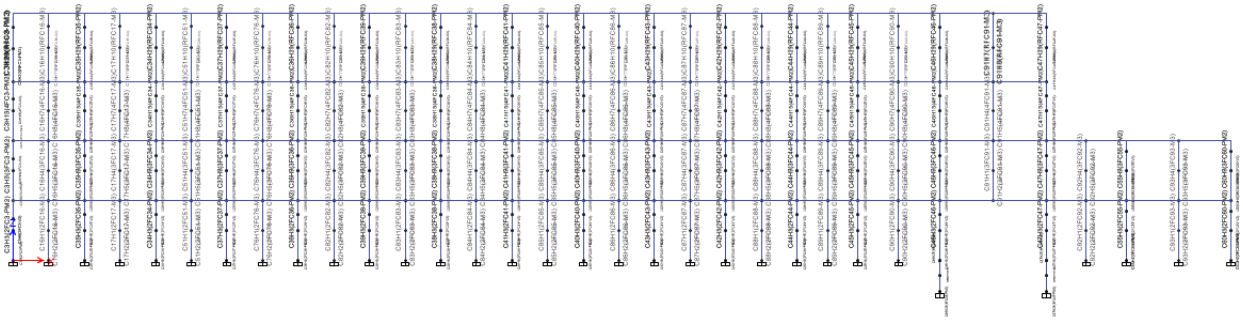


圖 3.4-8 結構 X 向分析模型之柱線 C 塑鉸設定示意圖

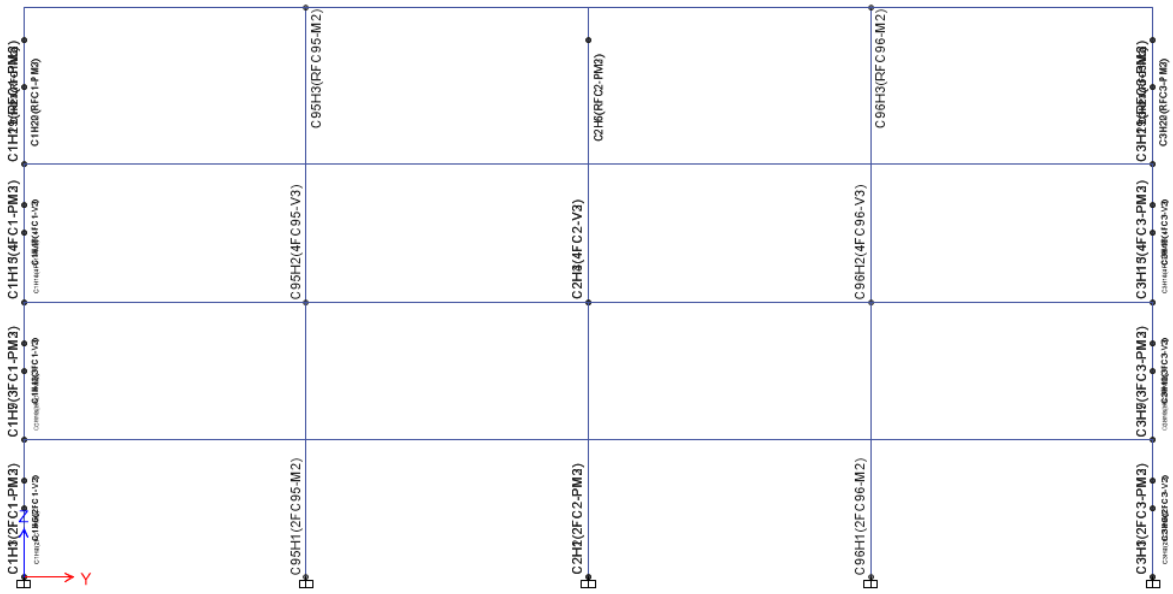


圖 3.4-9 結構 X 向分析模型之柱線 1 塑鉸設定示意圖

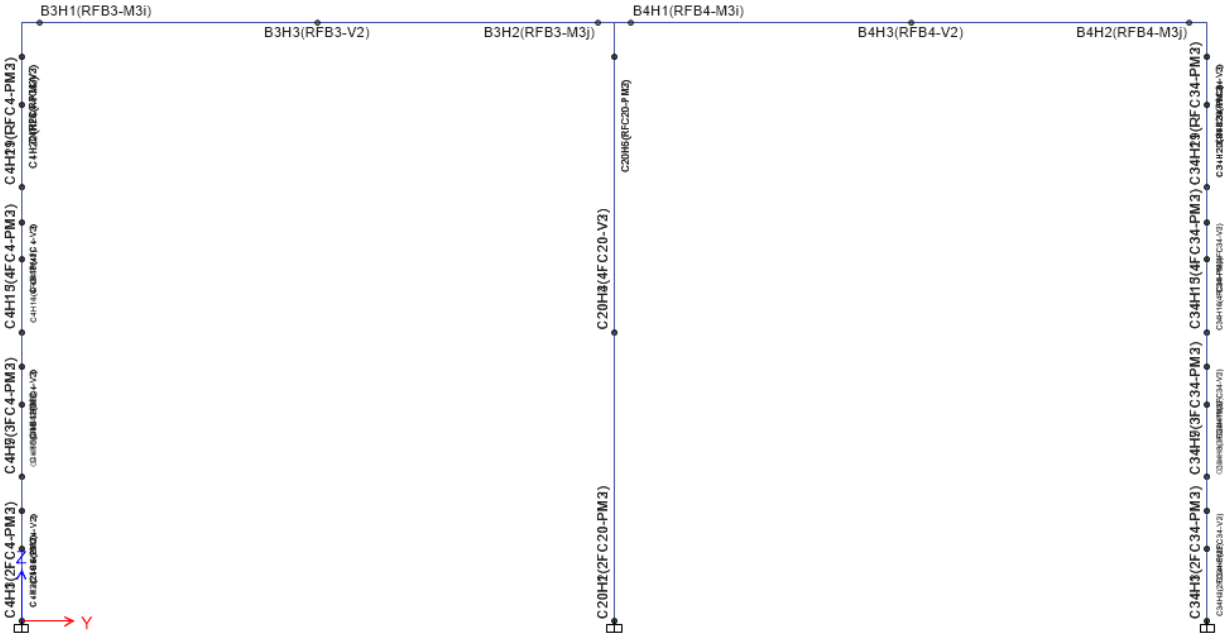


圖 3.4-10 結構 X 向分析模型之柱線 2 塑鉸設定示意圖

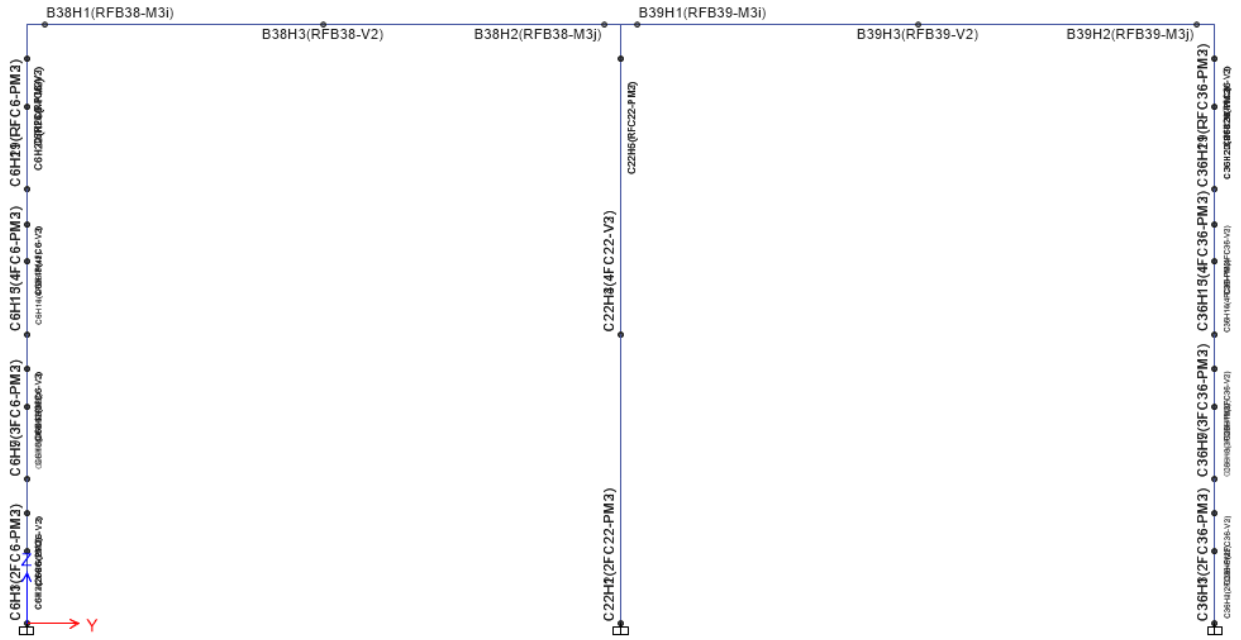


圖 3.4-11 結構 X 向分析模型之柱線 3 塑鉸設定示意圖

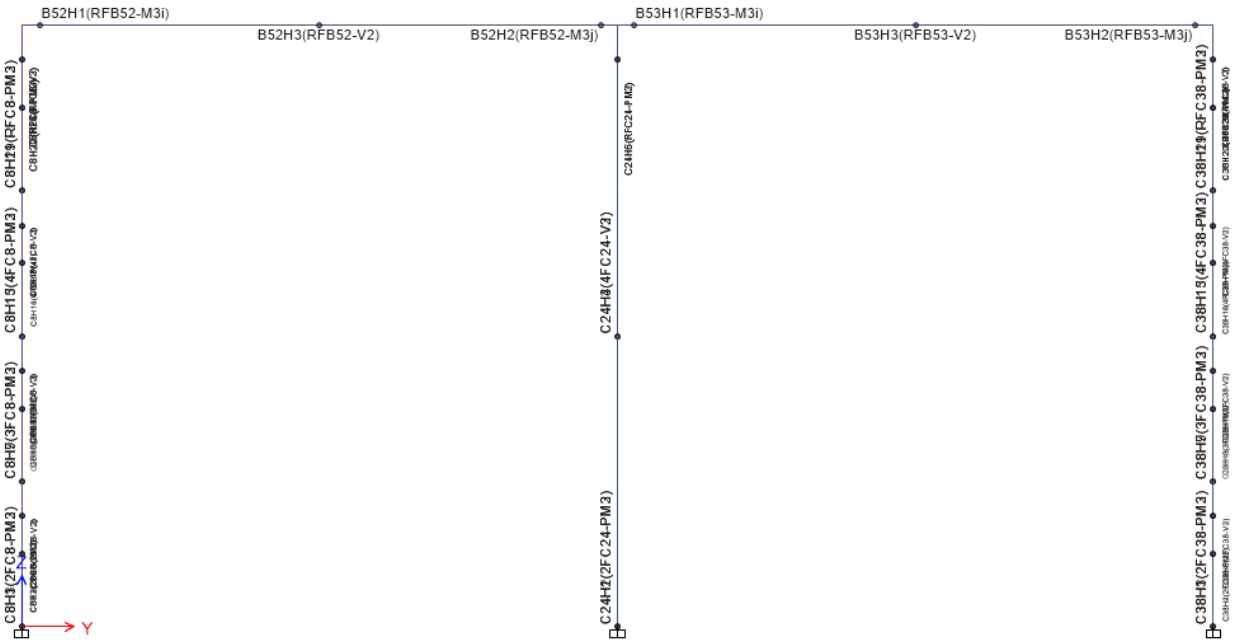


圖 3.4-12 結構 X 向分析模型之柱線 4 塑鉸設定示意圖

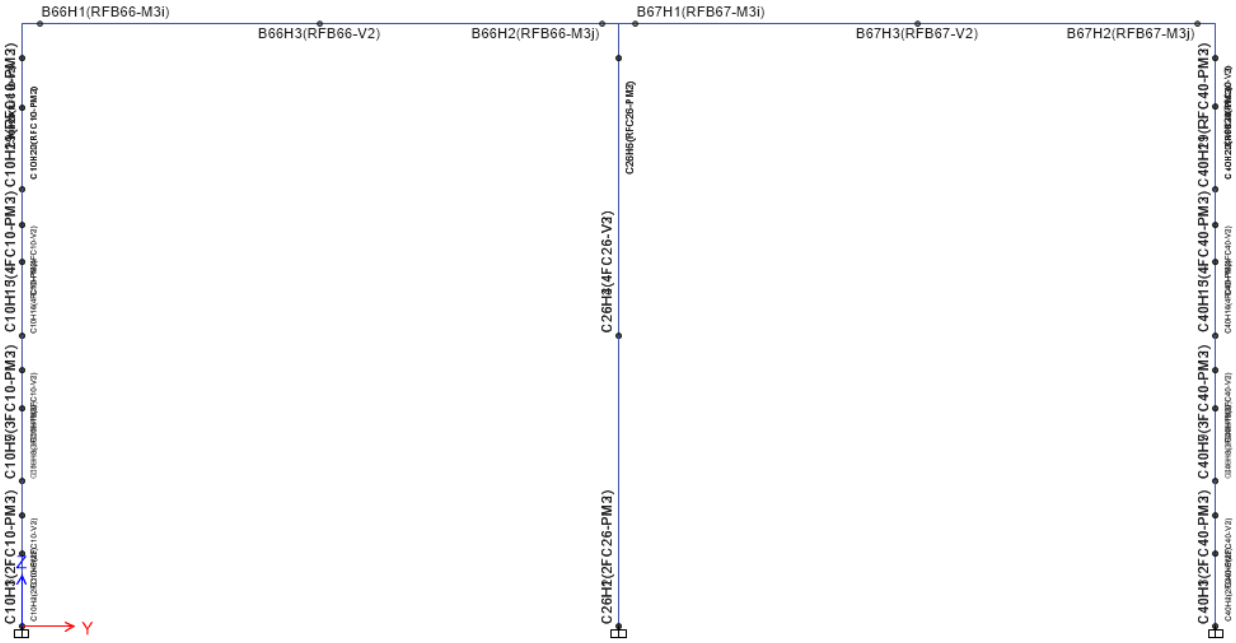


圖 3.4-13 結構 X 向分析模型之柱線 5 塑鉸設定示意圖

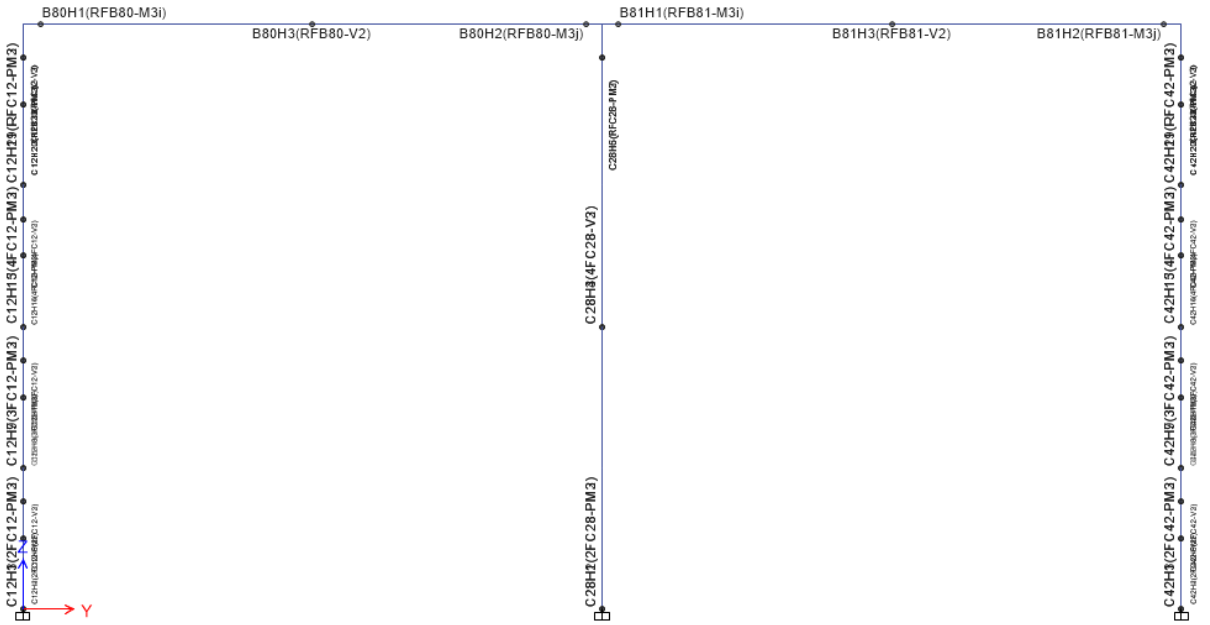


圖 3.4-14 結構 X 向分析模型之柱線 6 塑鉸設定示意圖

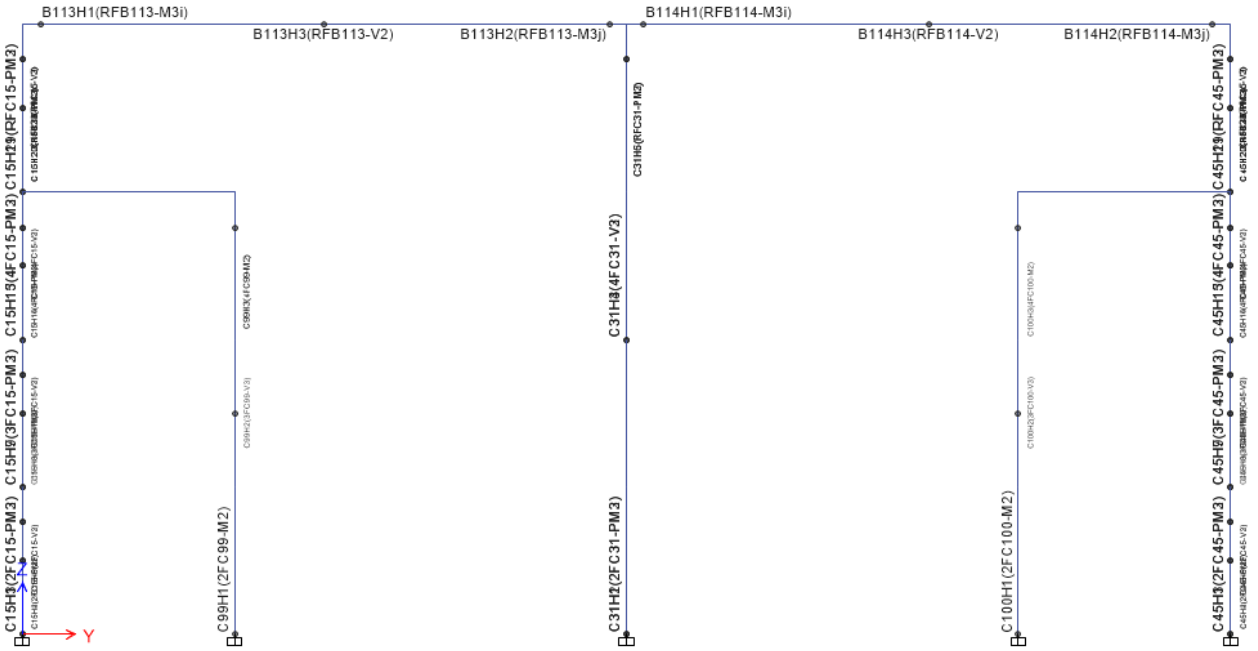


圖 3.4-15 結構 X 向分析模型之柱線 7 塑鉸設定示意圖

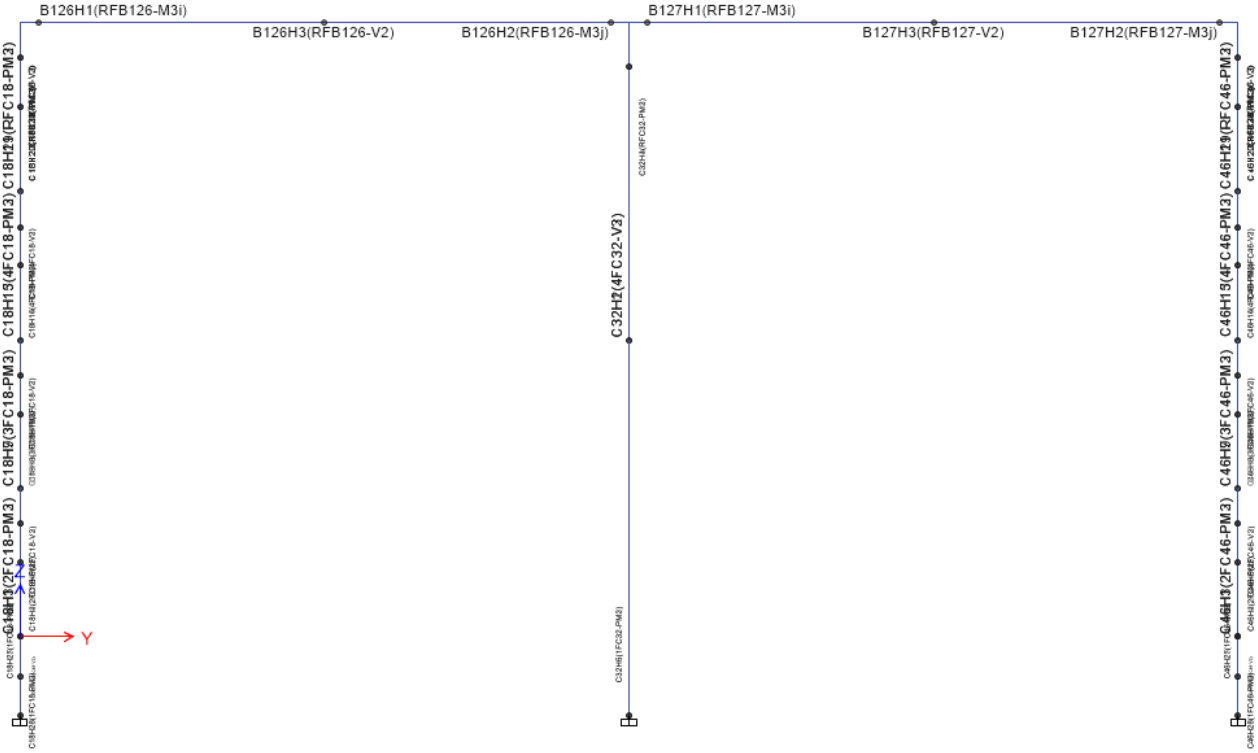


圖 3.4-16 結構 X 向分析模型之柱線 8 塑鉸設定示意圖

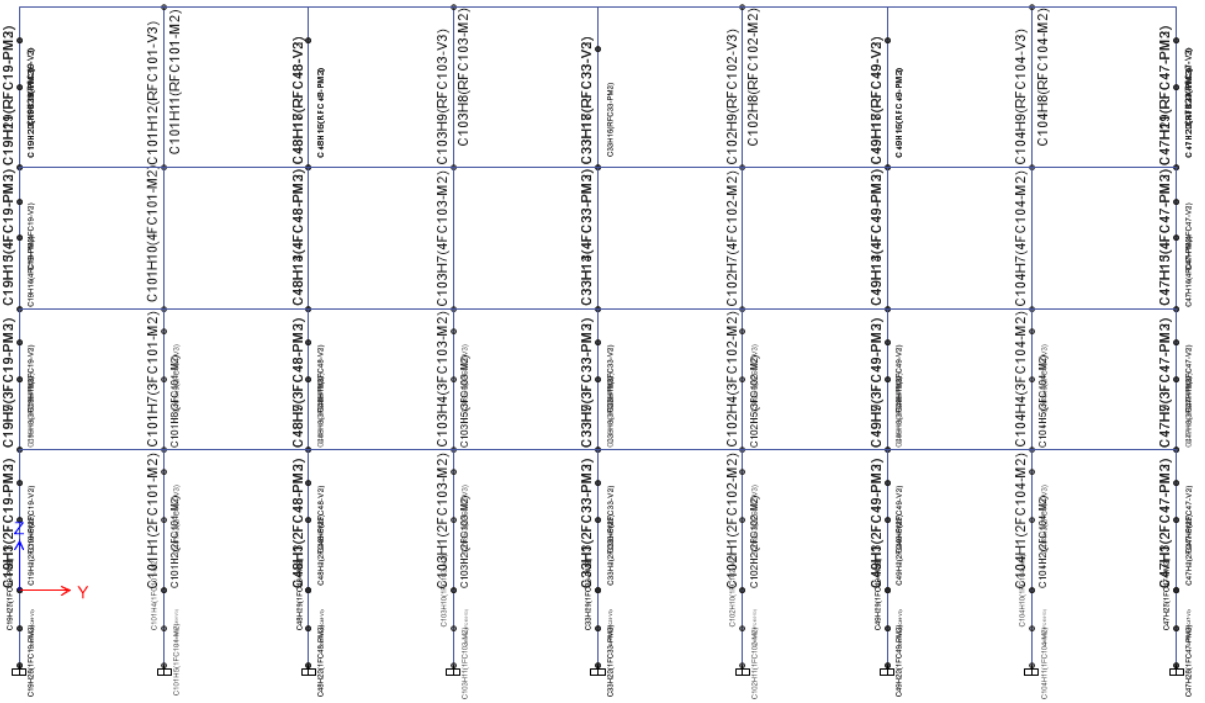


圖 3.4-17 結構 X 向分析模型之柱線 9 塑鉸設定示意圖

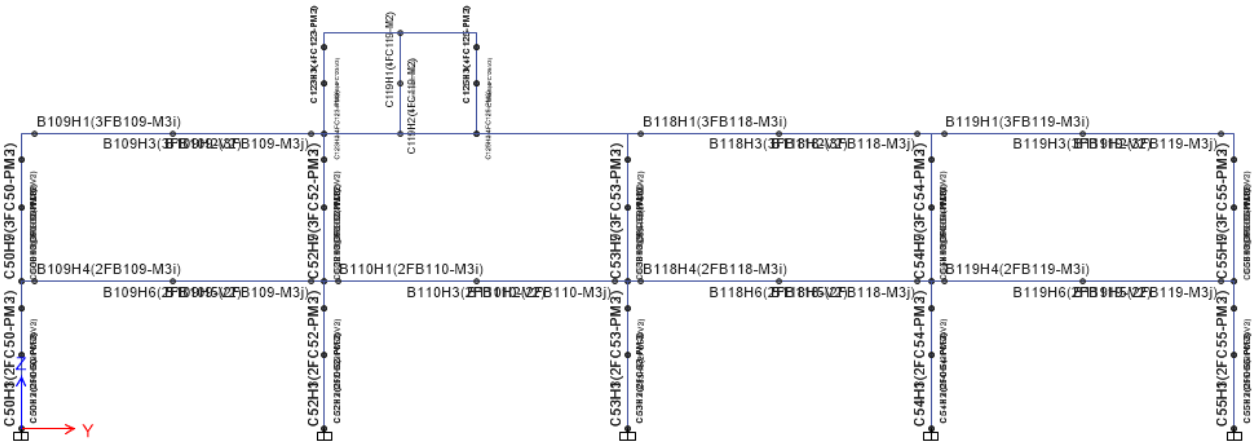


圖 3.4-18 結構 X 向分析模型之柱線 10 塑鉸設定示意圖

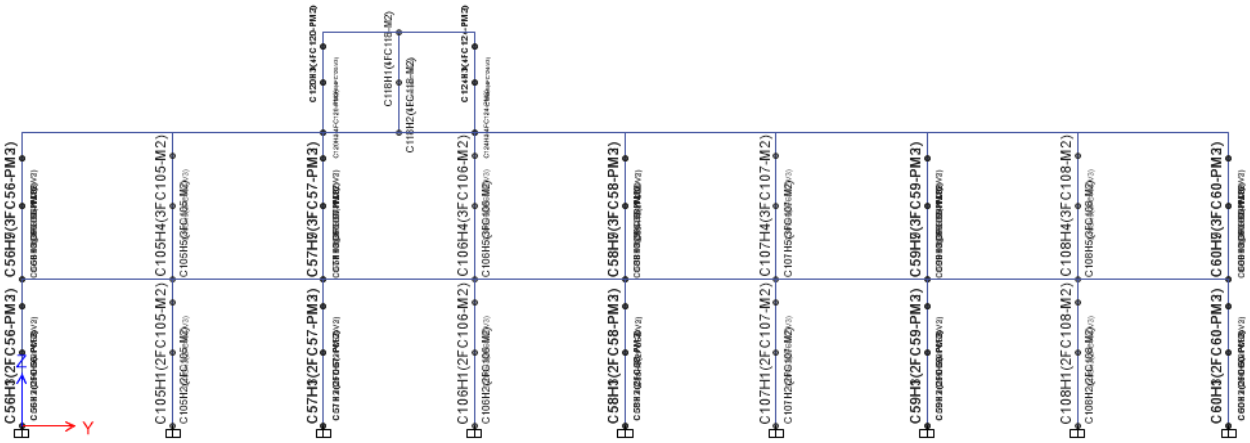


圖 3.4-19 結構 X 向分析模型之柱線 11 塑鉸設定示意圖

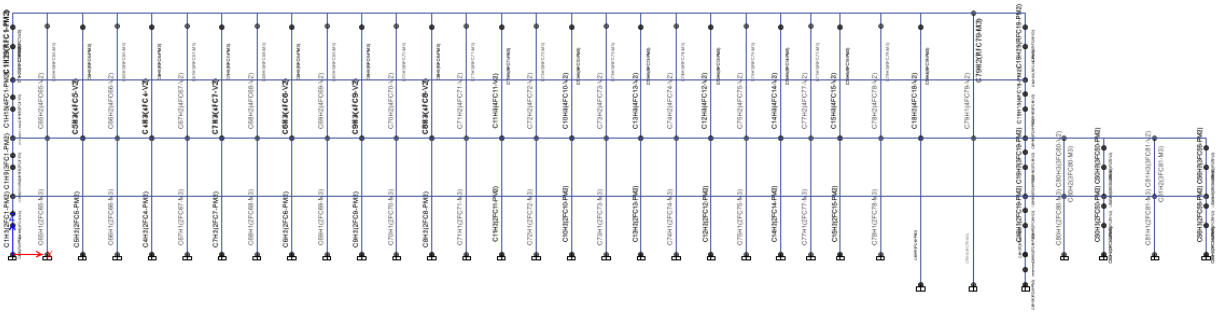


圖 3.4-20 結構 Y 向分析模型之柱線 A 塑鉸設定示意圖

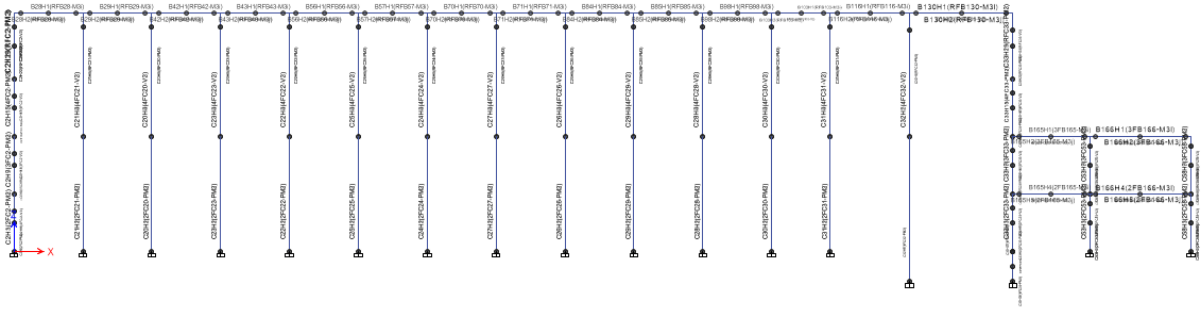


圖 3.4-21 結構 Y 向分析模型之柱線 B 塑鉸設定示意圖

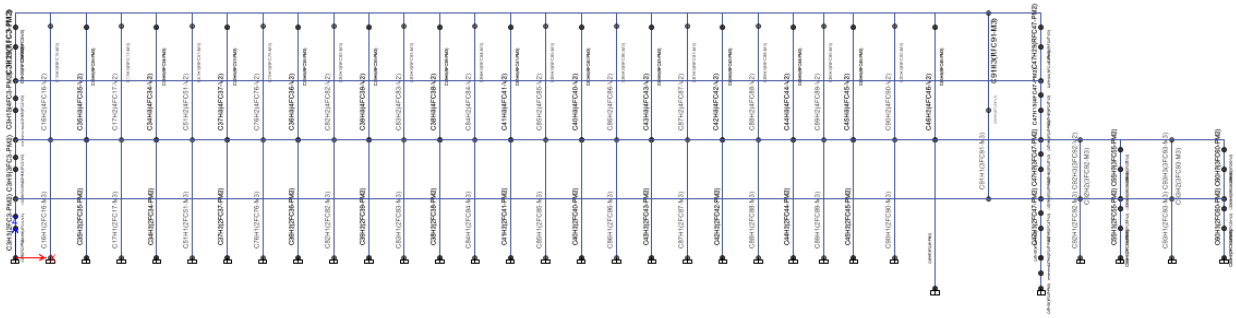


圖 3.4-22 結構 Y 向分析模型之柱線 C 塑鉸設定示意圖

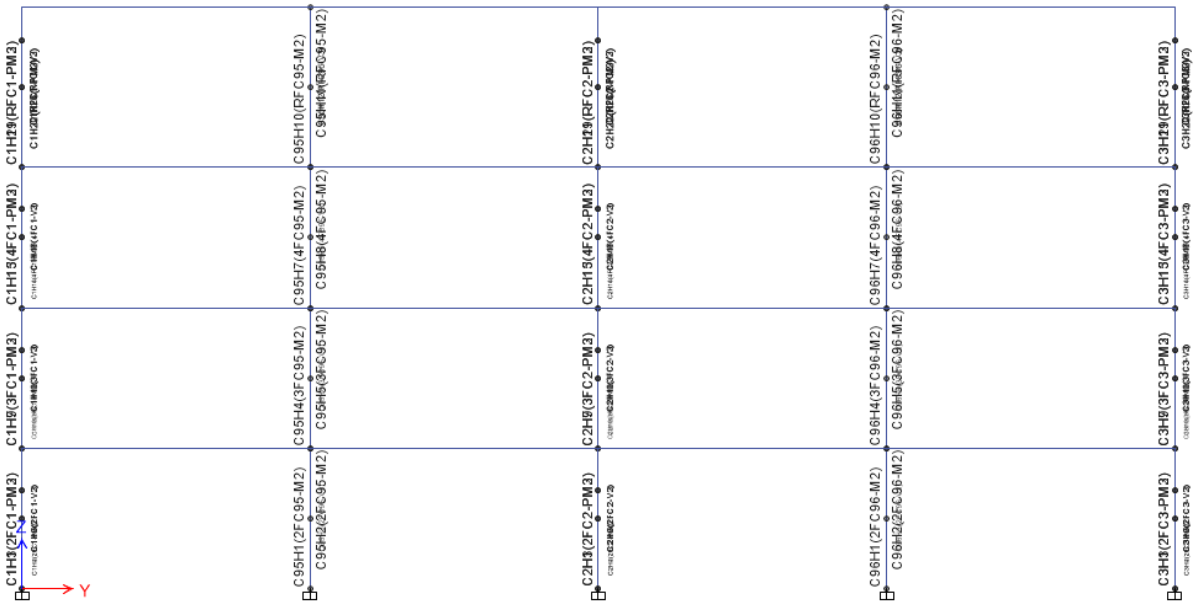


圖 3.4-23 結構 Y 向分析模型之柱線 1 塑鉸設定示意圖

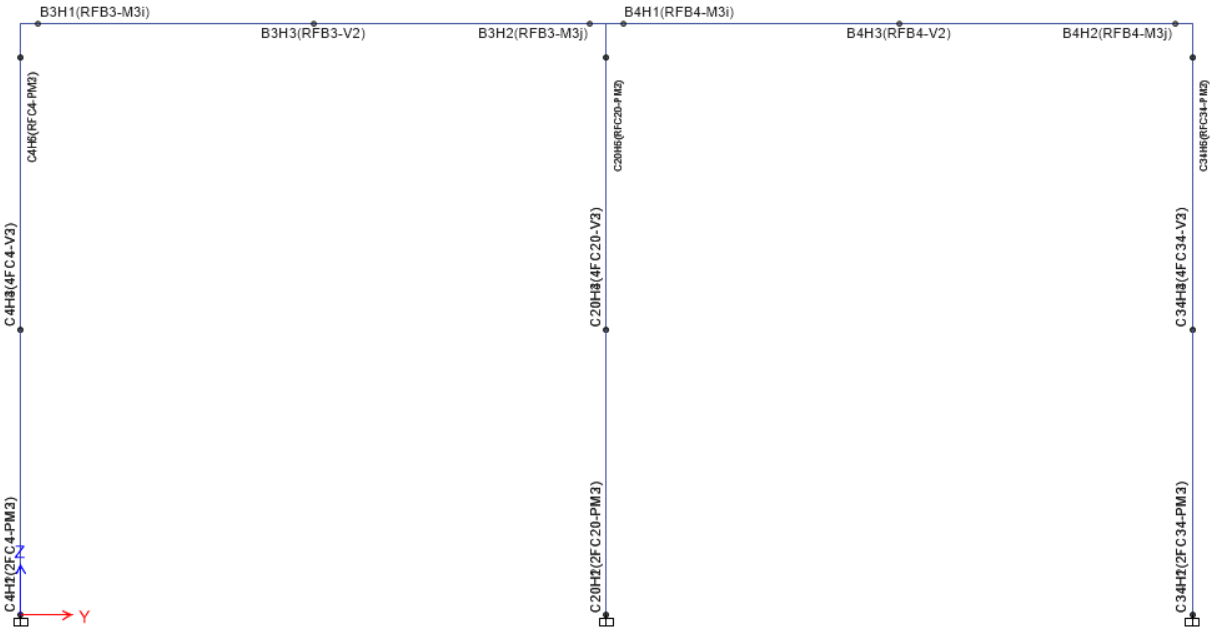


圖 3.4-24 結構 Y 向分析模型之柱線 2 塑鉸設定示意圖

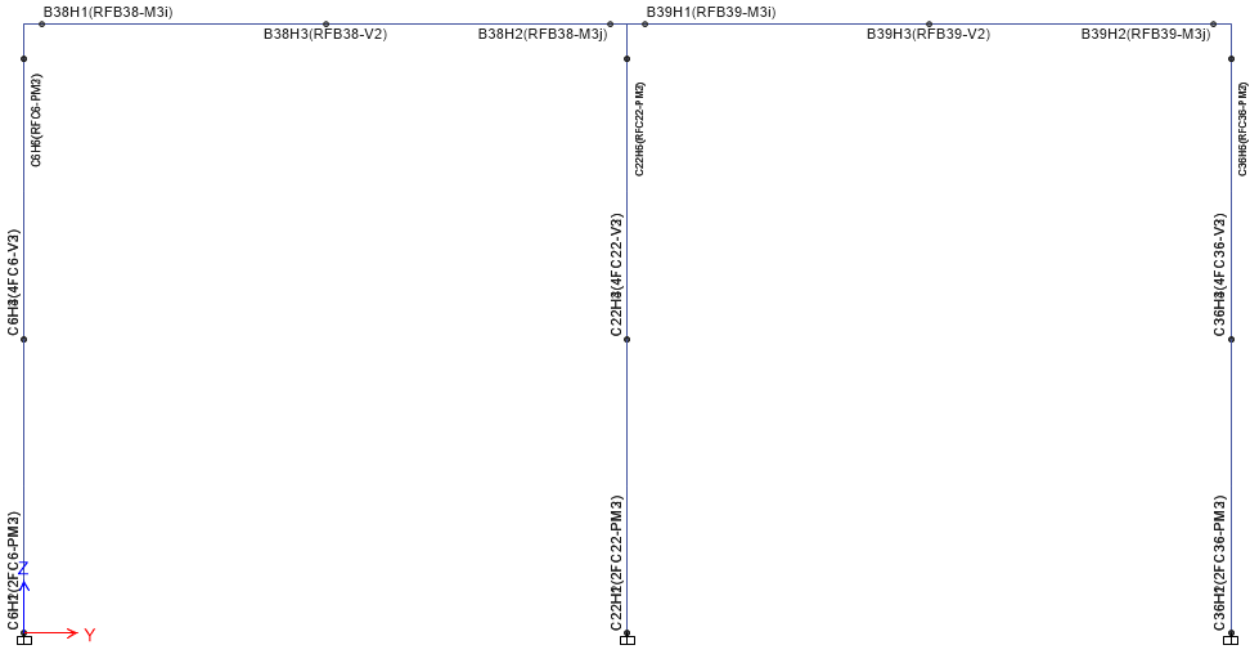


圖 3.4-25 結構 Y 向分析模型之柱線 3 塑鉸設定示意圖

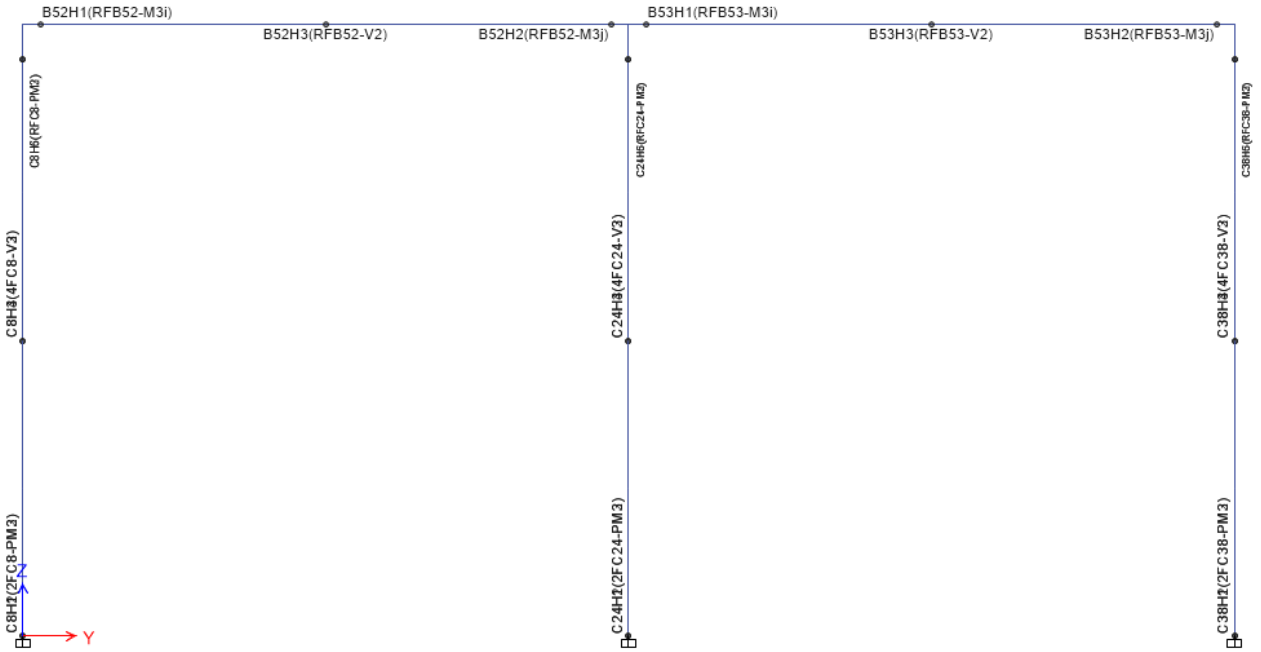


圖 3.4-26 結構 Y 向分析模型之柱線 4 塑鉸設定示意圖

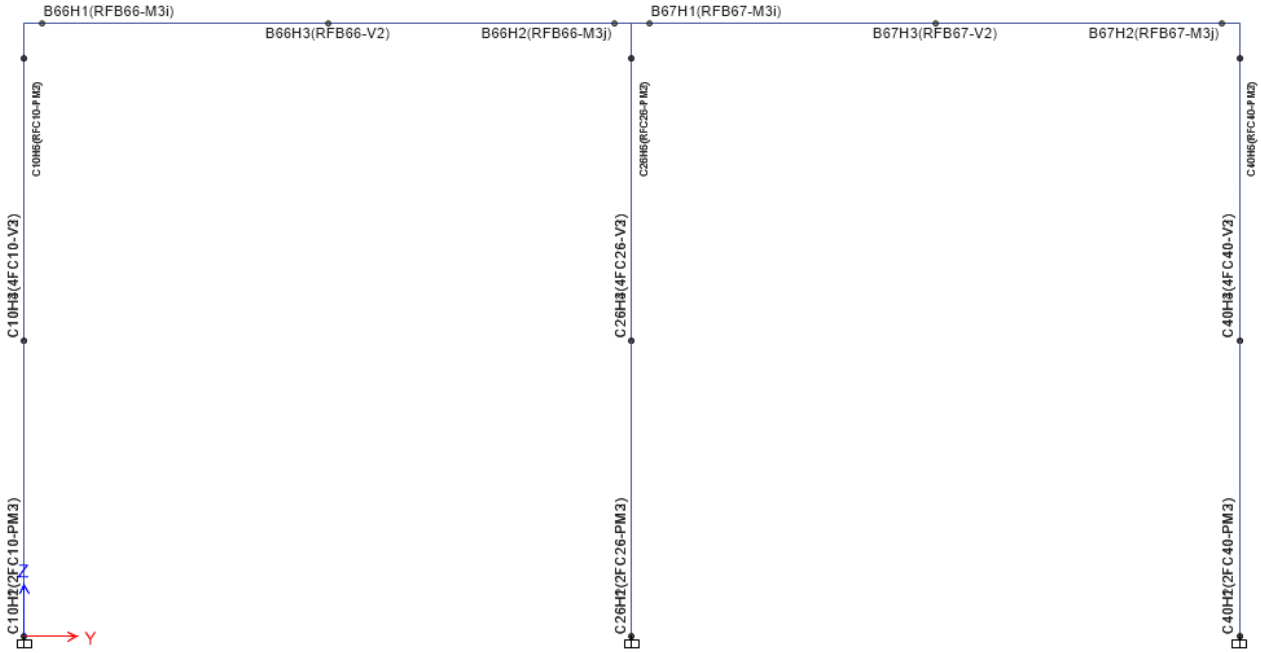


圖 3.4-27 結構 Y 向分析模型之柱線 5 塑鉸設定示意圖



圖 3.4-28 結構 Y 向分析模型之柱線 6 塑鉸設定示意圖

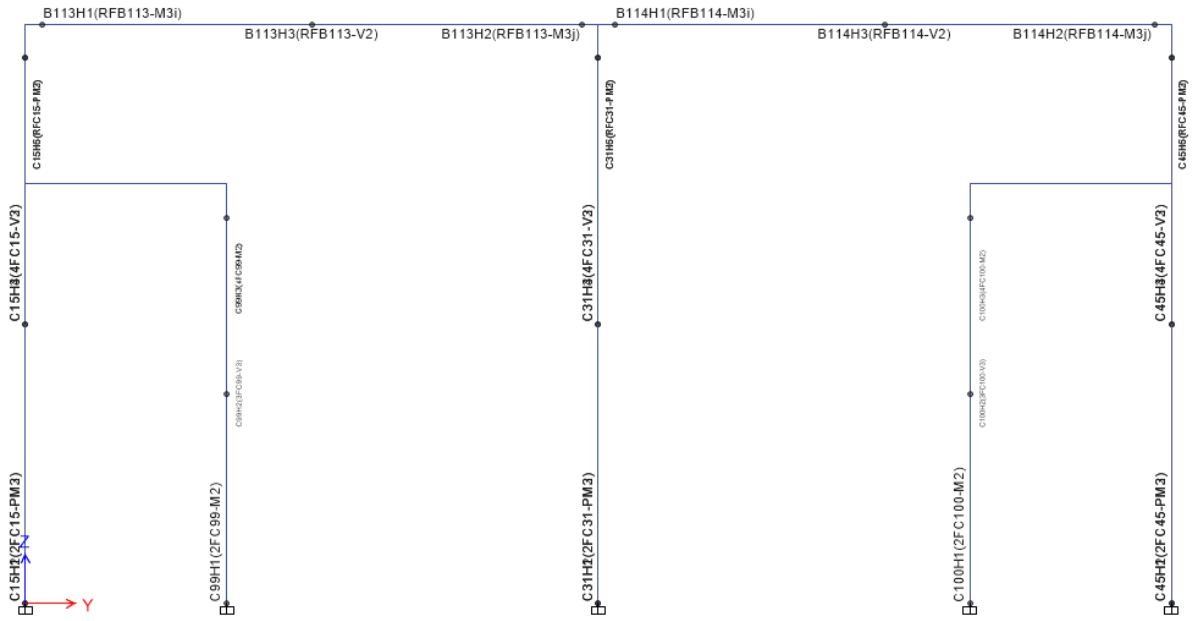


圖 3.4-29 結構 Y 向分析模型之柱線 7 塑鉸設定示意圖



圖 3.4-30 結構 Y 向分析模型之柱線 8 塑鉸設定示意圖

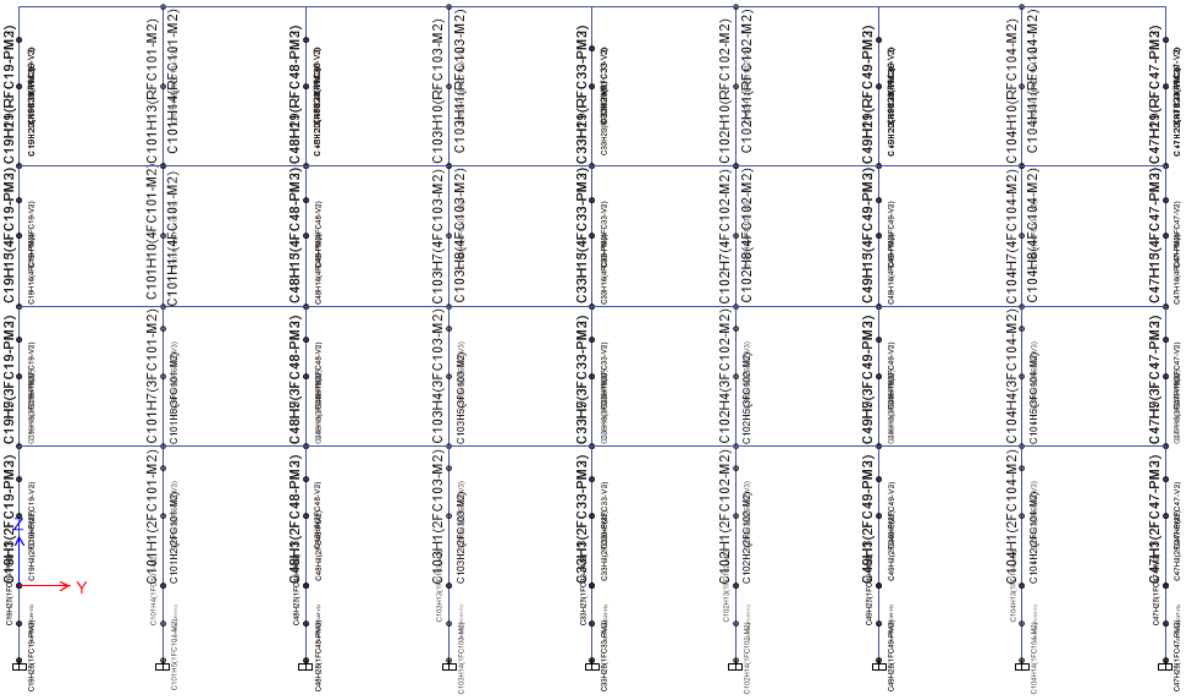


圖 3.4-31 結構 Y 向分析模型之柱線 9 塑鉸設定示意圖

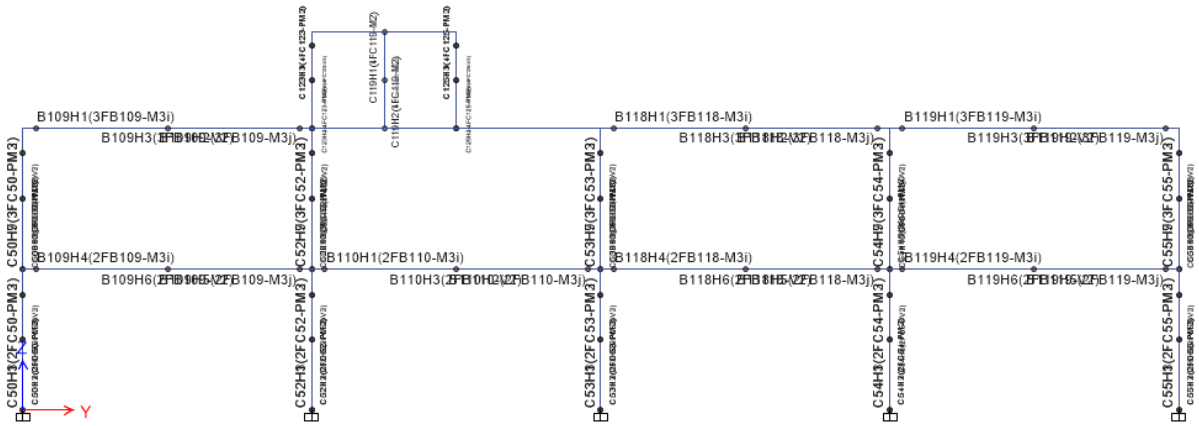


圖 3.4-32 結構 Y 向分析模型之柱線 10 塑鉸設定示意圖

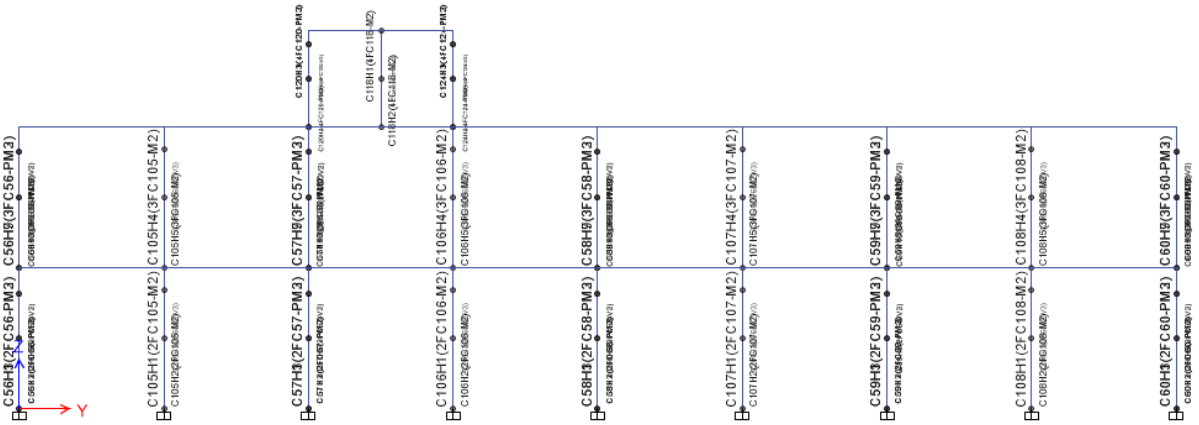


圖 3.4-33 結構 Y 向分析模型之柱線 11 塑鉸設定示意圖

第四章 非線性靜力分析評估結果

4.1 結構長向(正 X 向)側推分析結果

結構經由非線性靜力分析(側推分析)後，其結構正 X 向之容量曲線、容量震譜及 EPA 之詳細資料詳表 4.1-1，而結構正 X 向分析結果及各區域之層間變位分別整理於表 4.1-2 及表 4.1-3。另外，結構正 X 向之容量曲線、Sa-Sd 圖及 EPA 曲線可分別詳圖 4.1-1~圖 4.1-3。

由評估結果顯示，結構於地震達到 0.505g 狀態時，結構承受之基底剪力約為 22322tf，此時結構產生之屋頂位移約為 8.34cm。另由結構各桿件之塑鉸發展圖(圖 4.1-4~圖 4.1-7)可知，當本結構於地震強度 0.505g 作用下，主要塑鉸皆發生於垂直桿件，惟其仍屬於 B-C 階段範圍內為主。而少部分梁桿件亦僅產生 B-C 階段範圍之彎矩塑鉸。此外，由圖 4.1-3 亦可知，結構承受 0.505g 地震強度時，結構仍未達到降伏階段，故於此狀態下，結構安全應無疑慮。

表 4.1-1 結構正 X 向容量曲線、容量震譜及 EPA 之詳細資料

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
0	0.00	0	0.000	0.000	
1	0.24	1335	0.210	0.084	0.031
2	0.58	3068	0.507	0.193	0.070
3	0.78	4104	0.682	0.259	0.093
4	0.98	5139	0.857	0.324	0.116
5	1.27	6542	1.111	0.412	0.147
6	1.51	7657	1.321	0.483	0.173
7	1.72	8488	1.504	0.535	0.190
8	1.94	9223	1.697	0.582	0.209
9	2.20	9968	1.924	0.629	0.230
10	2.40	10515	2.099	0.663	0.247
11	2.61	10992	2.283	0.693	0.263
12	2.93	11689	2.563	0.737	0.276
13	3.19	12256	2.790	0.773	0.285
14	3.43	12752	3.000	0.804	0.293
15	3.70	13306	3.236	0.839	0.305
16	3.95	13817	3.455	0.871	0.315
17	4.24	14383	3.709	0.907	0.329
18	4.55	15019	3.980	0.947	0.341
19	4.80	15504	4.198	0.978	0.350
20	5.06	16029	4.426	1.011	0.361
21	5.36	16621	4.688	1.048	0.373
22	5.71	17314	4.994	1.092	0.387
23	6.07	18026	5.309	1.137	0.399
24	6.40	18662	5.598	1.177	0.414
25	6.74	19322	5.895	1.218	0.431
26	6.94	19712	6.070	1.243	0.440
27	7.14	20101	6.245	1.267	0.451
28	7.34	20484	6.420	1.292	0.462
29	7.54	20864	6.595	1.316	0.471
30	7.74	21239	6.770	1.339	0.478
31	7.94	21607	6.945	1.362	0.487
32	8.14	21968	7.120	1.385	0.496

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
33	8.34	22322	7.295	1.407	0.505
34	8.71	22959	7.618	1.448	0.519
35	9.10	23573	7.959	1.486	0.534
36	9.30	23863	8.134	1.505	0.541
37	9.50	24135	8.309	1.522	0.549
38	9.70	24400	8.484	1.538	0.555
39	9.90	24633	8.659	1.553	0.562
40	10.10	24847	8.834	1.567	0.569
41	10.30	25058	9.009	1.580	0.576
42	10.50	25268	9.184	1.593	0.583
43	10.70	25470	9.359	1.606	0.589
44	10.90	25673	9.534	1.619	0.595
45	11.10	25873	9.709	1.631	0.602
46	11.30	26065	9.884	1.643	0.609
47	11.50	26251	10.059	1.655	0.617
48	11.70	26435	10.233	1.667	0.623
49	11.90	26620	10.408	1.678	0.632
50	12.10	26802	10.583	1.690	0.638
51	12.31	26979	10.767	1.701	0.644
52	12.51	27153	10.942	1.712	0.648
53	12.71	27326	11.117	1.723	0.654
54	12.91	27494	11.292	1.734	0.659
55	13.11	27658	11.467	1.744	0.664
56	13.31	27818	11.642	1.754	0.669
57	13.51	27974	11.817	1.764	0.674
58	13.71	28130	11.992	1.774	0.680
59	13.91	28283	12.166	1.783	0.684
60	14.11	28434	12.341	1.793	0.688
61	14.31	28581	12.516	1.802	0.689
62	14.51	28725	12.691	1.811	0.691
63	14.71	28865	12.866	1.820	0.693
64	14.91	28999	13.041	1.828	0.693
65	15.11	29128	13.216	1.837	0.697
66	15.32	29263	13.400	1.845	0.701
67	15.52	29391	13.575	1.853	0.704

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
68	15.72	29516	13.750	1.861	0.709
69	15.92	29635	13.925	1.869	0.713
70	16.12	29748	14.099	1.876	0.716
71	16.32	29860	14.274	1.883	0.722
72	16.52	29964	14.449	1.889	0.727
73	16.72	30068	14.624	1.896	0.733
74	16.92	30171	14.799	1.902	0.737
75	17.12	30276	14.974	1.909	0.743
76	17.32	30378	15.149	1.915	0.749
77	17.52	30476	15.324	1.922	0.758
78	17.72	30574	15.499	1.928	0.766
79	17.92	30671	15.674	1.934	0.773
80	18.12	30768	15.849	1.940	0.783
81	18.33	30866	16.032	1.946	0.789
82	18.53	30962	16.207	1.952	0.795
83	18.73	31058	16.382	1.958	0.800
84	18.93	31156	16.557	1.964	0.806
85	19.13	31249	16.732	1.970	0.812
86	19.37	31366	16.942	1.978	0.819
87	19.57	31464	17.117	1.984	0.824
88	19.77	31557	17.292	1.990	0.829
89	20.03	31681	17.519	1.998	0.834
90	20.23	31776	17.694	2.004	0.839
91	20.43	31870	17.869	2.009	0.842
92	20.63	31963	18.044	2.015	0.847
93	20.83	32056	18.219	2.021	0.851
94	21.03	32151	18.394	2.027	0.855
95	21.23	32243	18.569	2.033	0.860
96	21.43	32337	18.744	2.039	0.865
97	21.63	32431	18.919	2.045	0.869
98	21.83	32523	19.094	2.051	0.875
99	22.03	32617	19.269	2.057	0.879
100	22.23	32709	19.444	2.062	0.883
101	22.43	32801	19.619	2.068	0.888
102	22.64	32895	19.802	2.074	0.891

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
103	22.84	32986	19.977	2.080	0.894
104	23.04	33079	20.152	2.086	0.898
105	23.24	33171	20.327	2.092	0.902
106	23.58	33328	20.624	2.101	0.908
107	23.80	33087	20.817	2.086	0.912
108	24.17	32863	21.140	2.072	0.922
109	24.53	33228	21.455	2.095	0.932
110	24.75	33347	21.648	2.103	0.939
111	24.97	33451	21.840	2.109	0.945
112	25.25	33570	22.085	2.117	0.954
113	25.47	33677	22.277	2.123	0.963
114	25.69	33748	22.470	2.128	0.971
115	26.07	33923	22.802	2.139	0.985
116	26.29	34029	22.995	2.146	0.994
117	26.51	34134	23.187	2.152	1.005
118	26.73	34238	23.380	2.159	1.011
119	26.95	34338	23.572	2.165	1.020
120	27.17	34442	23.764	2.172	1.028
121	27.39	34542	23.957	2.178	1.034
122	27.61	34646	24.149	2.185	1.043
123	27.84	34746	24.350	2.191	1.052
124	28.06	34845	24.543	2.197	1.061
125	28.28	34948	24.735	2.204	1.067
126	28.50	35047	24.928	2.210	1.076
127	28.72	35150	25.120	2.216	1.082
128	28.94	35252	25.313	2.223	1.090
129	28.95	35259	25.321	2.223	1.091
130	29.16	35351	25.505	2.229	1.098
131	29.56	35329	25.855	2.228	1.114
132	29.82	35452	26.082	2.235	1.120
133	30.09	35571	26.318	2.243	1.129
134	30.49	35522	26.668	2.240	1.144
135	30.76	35648	26.904	2.248	1.151
136	31.20	35724	27.289	2.252	1.165
137	31.59	35862	27.630	2.261	1.179

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
138	31.86	35987	27.867	2.269	1.186
139	32.13	36112	28.103	2.277	1.196
140	32.39	36231	28.330	2.284	1.205
141	32.66	36353	28.566	2.292	1.218
142	32.93	36473	28.802	2.300	1.222
143	33.20	36596	29.039	2.307	1.233
144	33.46	36715	29.266	2.315	1.241
145	33.73	36837	29.502	2.323	1.252
146	34.26	36998	29.966	2.333	1.272
147	34.53	37111	30.202	2.340	1.283
148	34.79	37221	30.429	2.347	1.291
149	35.06	37331	30.665	2.354	1.302
150	35.33	37441	30.902	2.361	1.313
151	35.71	37571	31.234	2.369	1.325

表 4.1-2 結構正 X 向分析結果

狀態	基底剪力 $V(tf)$	結構位移 $Disp.(cm)$	等效週期 $T_{eq}(s)$	等效阻尼比 $\beta_{eq}(\%)$	$EPA(g)$
$R_{C/D}$=1	22322	8.34	0.457	9.4	0.505
降伏點	29391	15.52	0.543	0.118	0.704

表 4.1-3 結構正 X 向各區域之最大層間變位角

區域	狀態	Drift,max(%)
貯存區	$R_{C/D}$=1	0.405
	降伏點	0.753
辦公區	$R_{C/D}$=1	0.522
	降伏點	0.915

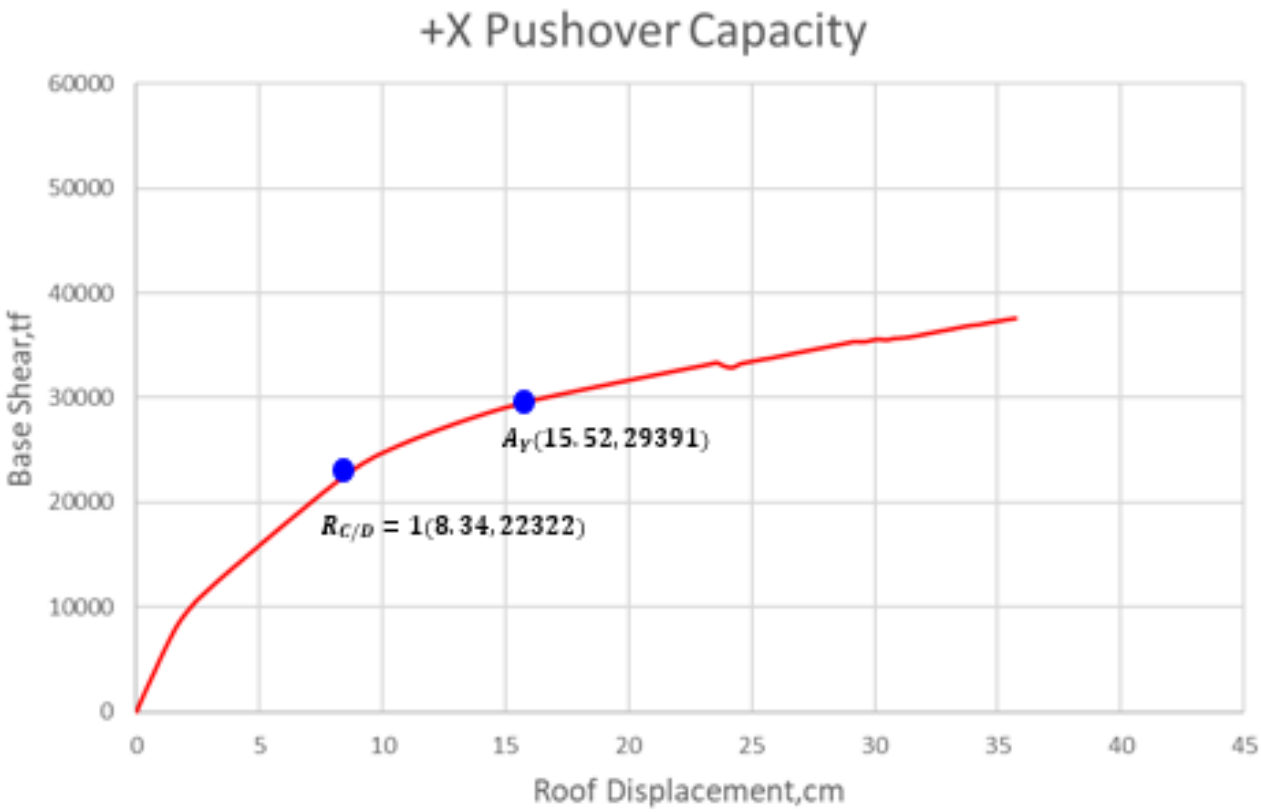


圖 4.1-1 結構正 X 向之容量曲線圖(側力位移圖)

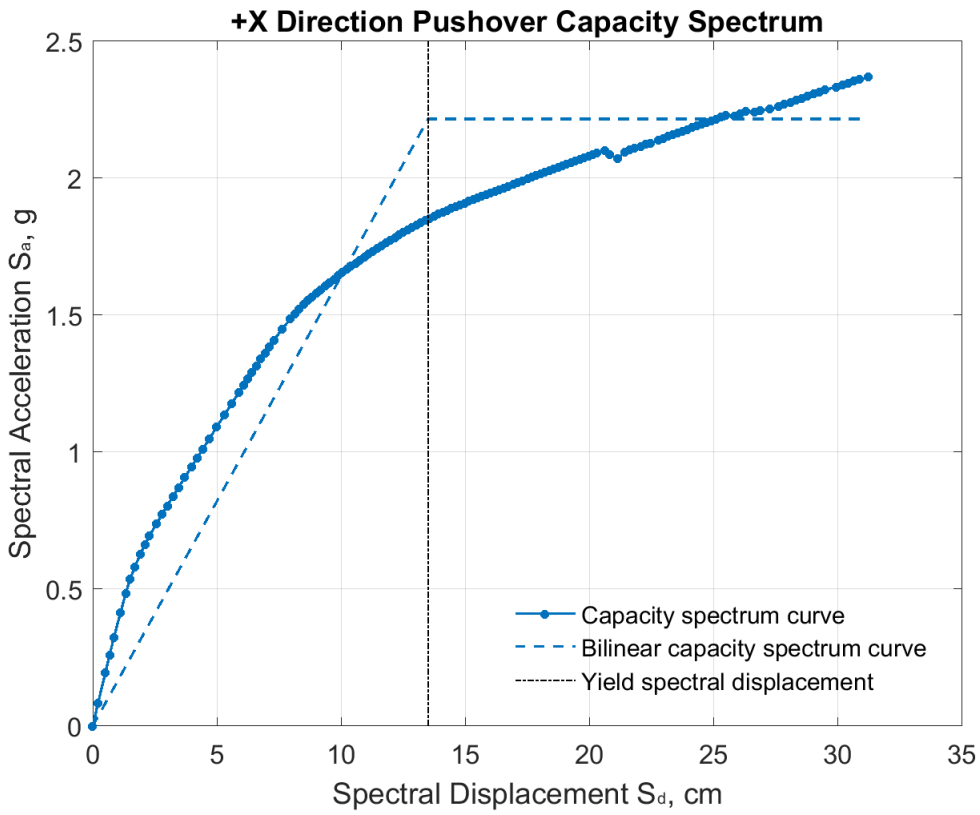


圖 4.1-2 結構正 X 向之 Sa-Sd 圖



圖 4.1-3 結構正 X 向之 EPA 曲線

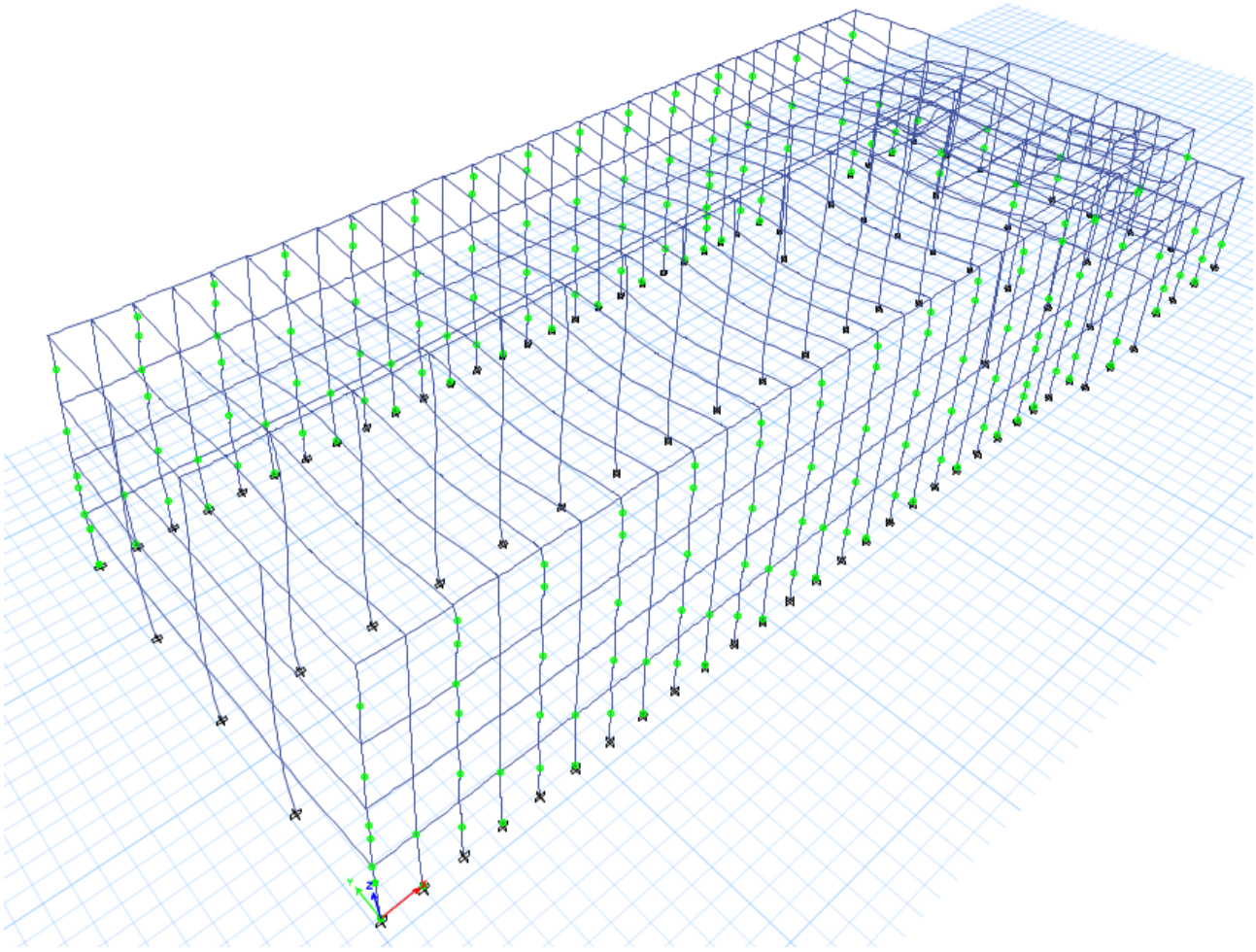


圖 4.1-4 結構正 X 向於地震 0.505g($R_{C/D}$=1)狀態之塑鉸發展情形

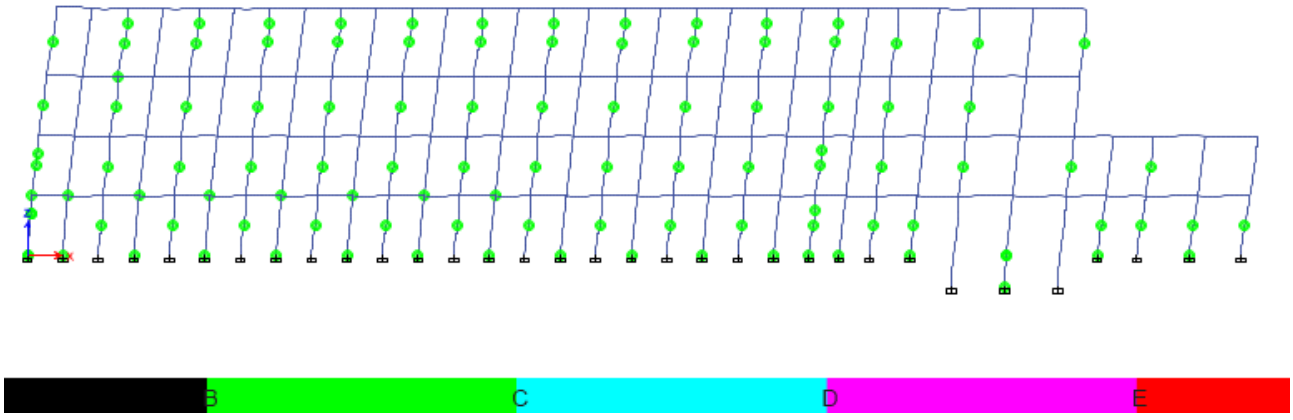


圖 4.1-5 結構正 X 向於地震 0.505g($R_{C/D}$=1)狀態之塑鉸發展情形(柱線 A)

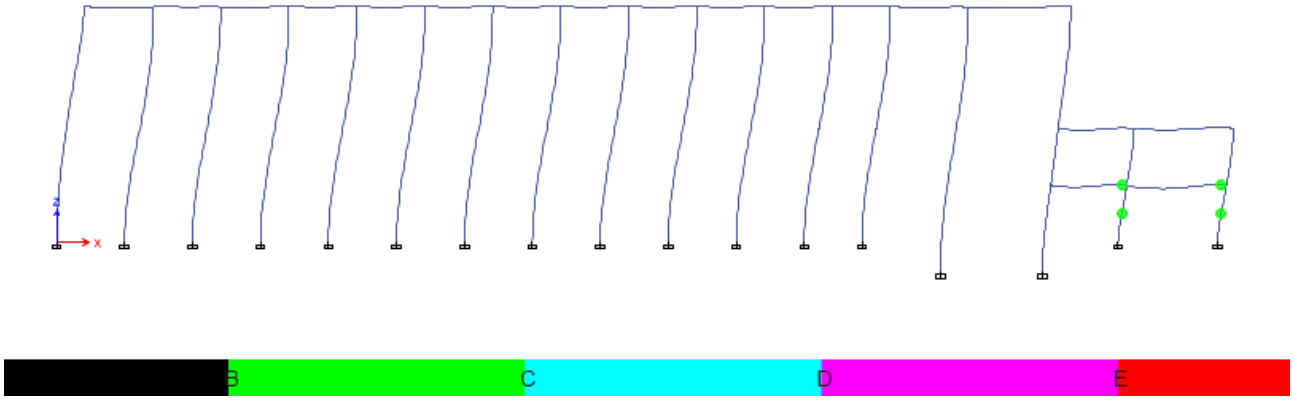


圖 4.1-6 結構正 X 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 B)

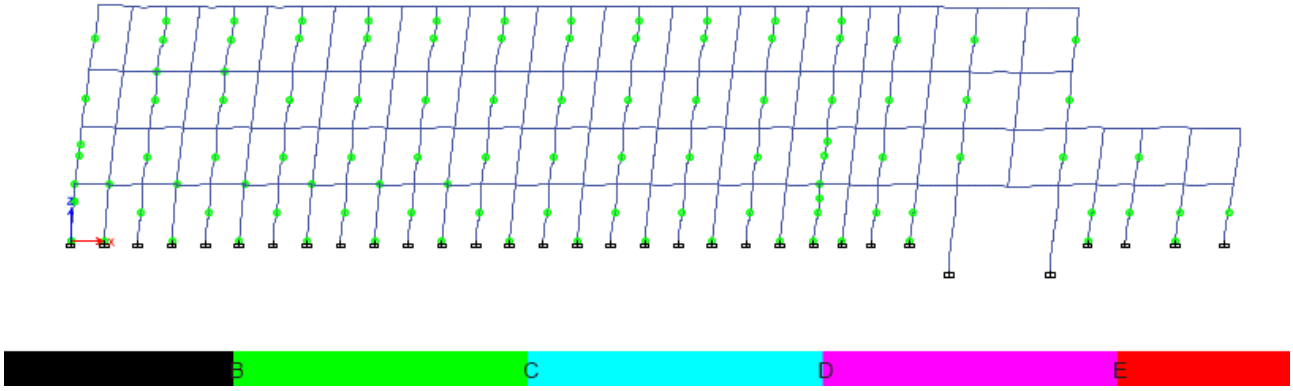


圖 4.1-7 結構正 X 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 C)

4.2 結構長向(負 X 向)側推分析結果

結構經由側推分析後，其結構負 X 向之容量曲線、容量震譜及 EPA 之詳細資料詳表 4.2-1，而結構負 X 向分析結果及各區域之層間變位分別整理於表 4.2-2 及表 4.2-3。另外，結構負 X 向之容量曲線、Sa-Sd 圖及 EPA 曲線可分別詳圖 4.2-1~圖 4.2-3。

由評估結果顯示，結構於地震達到 0.505g 狀態時，結構承受之基底剪力約為 22534tf，此時結構產生之屋頂位移約為 8.37cm。另由結構各桿件之塑鉸發展圖(圖 4.2-4~圖 4.2-7)可知，當本結構於地震強度 0.505g 作用下，垂直桿件之塑鉸幾乎僅達塑性爬升段(B-C 階段))，而剩餘桿件皆處於彈性段(A-B 階段)。此外，由圖 4.2-3 亦可知，結構承受 0.505g 地震強度時，結構仍未達到降伏階段，故於此狀態下，結構安全應無疑慮。

表 4.2-1 結構負 X 向容量曲線、容量震譜及 EPA 之詳細資料

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
0	0.00	0	0.000	0.000	
1	0.10	548	0.087	0.035	0.013
2	0.20	1095	0.175	0.069	0.025
3	0.30	1643	0.262	0.104	0.038
4	0.40	2191	0.350	0.138	0.050
5	0.50	2738	0.437	0.173	0.063
6	0.60	3286	0.525	0.207	0.075
7	0.70	3834	0.612	0.242	0.088
8	0.82	4501	0.717	0.284	0.103
9	0.92	5036	0.805	0.318	0.116
10	1.02	5570	0.892	0.351	0.128
11	1.12	6104	0.980	0.385	0.140
12	1.22	6638	1.067	0.419	0.152
13	1.36	7353	1.190	0.464	0.168
14	1.49	8041	1.303	0.507	0.184
15	1.62	8595	1.417	0.542	0.199
16	1.74	9028	1.522	0.569	0.208

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
17	1.88	9406	1.644	0.593	0.219
18	1.98	9652	1.732	0.609	0.225
19	2.15	10017	1.881	0.632	0.237
20	2.25	10241	1.968	0.646	0.246
21	2.35	10469	2.055	0.660	0.252
22	2.47	10733	2.160	0.677	0.262
23	2.58	10983	2.257	0.693	0.272
24	2.70	11233	2.362	0.708	0.278
25	2.84	11536	2.484	0.727	0.283
26	3.00	11865	2.624	0.748	0.287
27	3.13	12139	2.738	0.765	0.291
28	3.23	12359	2.825	0.779	0.294
29	3.35	12597	2.930	0.794	0.298
30	3.45	12803	3.018	0.807	0.300
31	3.55	13009	3.105	0.820	0.305
32	3.71	13334	3.245	0.841	0.312
33	3.82	13573	3.341	0.856	0.316
34	4.02	13971	3.516	0.881	0.325
35	4.17	14261	3.647	0.899	0.331
36	4.33	14592	3.787	0.920	0.339
37	4.51	14953	3.945	0.943	0.345
38	4.61	15153	4.032	0.955	0.349
39	4.71	15352	4.120	0.968	0.352
40	4.81	15552	4.207	0.981	0.355
41	4.91	15751	4.295	0.993	0.359
42	5.01	15951	4.382	1.006	0.363
43	5.11	16150	4.469	1.018	0.368
44	5.21	16350	4.557	1.031	0.372
45	5.31	16549	4.644	1.043	0.376
46	5.41	16748	4.732	1.056	0.379
47	5.59	17101	4.889	1.078	0.386
48	5.69	17300	4.977	1.091	0.390
49	5.79	17499	5.064	1.103	0.394
50	5.89	17698	5.152	1.116	0.398
51	5.99	17897	5.239	1.128	0.402

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
52	6.09	18097	5.327	1.141	0.404
53	6.19	18296	5.414	1.154	0.408
54	6.29	18495	5.502	1.166	0.412
55	6.39	18693	5.589	1.179	0.417
56	6.49	18892	5.677	1.191	0.422
57	6.59	19091	5.764	1.204	0.426
58	6.69	19290	5.851	1.216	0.432
59	6.87	19646	6.009	1.239	0.441
60	6.97	19844	6.096	1.251	0.447
61	7.07	20041	6.184	1.264	0.451
62	7.17	20238	6.271	1.276	0.456
63	7.27	20435	6.359	1.288	0.462
64	7.37	20632	6.446	1.301	0.467
65	7.47	20828	6.534	1.313	0.472
66	7.57	21024	6.621	1.326	0.474
67	7.67	21220	6.709	1.338	0.479
68	7.77	21416	6.796	1.350	0.484
69	7.87	21610	6.884	1.363	0.488
70	7.97	21805	6.971	1.375	0.493
71	8.07	21993	7.058	1.387	0.496
72	8.17	22175	7.146	1.398	0.500
73	8.27	22356	7.233	1.410	0.505
74	8.37	22534	7.321	1.421	0.508
75	8.57	22882	7.496	1.443	0.517
76	8.67	23056	7.583	1.454	0.521
77	8.84	23348	7.732	1.472	0.527
78	8.94	23521	7.819	1.483	0.531
79	9.04	23695	7.907	1.494	0.535
80	9.14	23869	7.994	1.505	0.539
81	9.24	24037	8.082	1.516	0.543
82	9.43	24332	8.248	1.534	0.549
83	9.53	24477	8.335	1.543	0.555
84	9.63	24620	8.423	1.552	0.558
85	9.73	24756	8.510	1.561	0.561
86	9.83	24888	8.598	1.569	0.566

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
87	9.93	25012	8.685	1.577	0.569
88	10.03	25124	8.773	1.584	0.571
89	10.13	25235	8.860	1.591	0.576
90	10.23	25342	8.948	1.598	0.578
91	10.33	25447	9.035	1.604	0.583
92	10.43	25550	9.123	1.611	0.585
93	10.53	25652	9.210	1.617	0.590
94	10.63	25752	9.298	1.624	0.592
95	10.73	25851	9.385	1.630	0.597
96	10.83	25948	9.473	1.636	0.599
97	10.93	26044	9.560	1.642	0.603
98	11.03	26138	9.647	1.648	0.606
99	11.13	26230	9.735	1.654	0.608
100	11.23	26321	9.822	1.660	0.612
101	11.33	26411	9.910	1.665	0.614
102	11.43	26501	9.997	1.671	0.618
103	11.53	26590	10.085	1.677	0.621
104	11.63	26677	10.172	1.682	0.624
105	11.73	26763	10.260	1.687	0.629
106	11.83	26848	10.347	1.693	0.632
107	11.93	26934	10.435	1.698	0.636
108	12.03	27019	10.522	1.704	0.640
109	12.13	27103	10.610	1.709	0.644
110	12.23	27186	10.697	1.714	0.647
111	12.33	27269	10.784	1.719	0.651
112	12.43	27351	10.872	1.725	0.653
113	12.53	27433	10.959	1.730	0.655
114	12.63	27515	11.047	1.735	0.658
115	12.73	27595	11.134	1.740	0.660
116	12.83	27676	11.222	1.745	0.663
117	12.93	27755	11.309	1.750	0.665
118	13.03	27834	11.397	1.755	0.667
119	13.13	27912	11.484	1.760	0.670
120	13.23	27988	11.572	1.765	0.672
121	13.33	28062	11.659	1.769	0.676

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
122	13.43	28137	11.747	1.774	0.677
123	13.53	28209	11.834	1.779	0.679
124	13.63	28280	11.922	1.783	0.683
125	13.73	28349	12.009	1.787	0.685
126	13.83	28416	12.096	1.792	0.688
127	13.93	28477	12.184	1.796	0.690
128	14.03	28536	12.271	1.799	0.693
129	14.13	28591	12.359	1.803	0.694
130	14.23	28645	12.446	1.806	0.694
131	14.33	28698	12.534	1.809	0.695
132	14.43	28752	12.621	1.813	0.696
133	14.53	28805	12.709	1.816	0.695
134	14.63	28858	12.796	1.820	0.697
135	14.73	28910	12.884	1.823	0.697
136	14.83	28963	12.971	1.826	0.696
137	14.93	29015	13.059	1.829	0.698
138	15.03	29067	13.146	1.833	0.705
139	15.13	29119	13.234	1.836	0.701
140	15.23	29170	13.321	1.839	0.702
141	15.33	29221	13.408	1.842	0.704
142	15.43	29272	13.496	1.846	0.706
143	15.53	29323	13.583	1.849	0.707
144	15.63	29375	13.671	1.852	0.710
145	15.73	29426	13.758	1.855	0.711
146	15.83	29477	13.846	1.859	0.713
147	15.93	29528	13.933	1.862	0.715
148	16.03	29579	14.021	1.865	0.716
149	16.13	29630	14.108	1.868	0.719
150	16.23	29681	14.196	1.871	0.722
151	16.33	29732	14.283	1.875	0.724
152	16.43	29783	14.371	1.878	0.727
153	16.53	29834	14.458	1.881	0.729
154	16.63	29885	14.546	1.884	0.731
155	16.73	29936	14.633	1.888	0.735
156	16.83	29986	14.720	1.891	0.737

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
157	16.93	30037	14.808	1.894	0.739
158	17.03	30088	14.895	1.897	0.742
159	17.13	30138	14.983	1.900	0.745
160	17.23	30189	15.070	1.903	0.748
161	17.33	30238	15.158	1.907	0.755
162	17.43	30288	15.245	1.910	0.758
163	17.53	30337	15.333	1.913	0.761
164	17.63	30386	15.420	1.916	0.765
165	17.73	30435	15.508	1.919	0.769
166	17.83	30483	15.595	1.922	0.772
167	17.93	30532	15.683	1.925	0.778
168	18.03	30581	15.770	1.928	0.783
169	18.13	30629	15.857	1.931	0.786
170	18.23	30677	15.945	1.934	0.789
171	18.33	30726	16.032	1.937	0.791
172	18.43	30774	16.120	1.940	0.795
173	18.53	30822	16.207	1.943	0.797
174	18.63	30871	16.295	1.946	0.800
175	18.73	30919	16.382	1.950	0.803
176	18.83	30967	16.470	1.953	0.807
177	18.93	31015	16.557	1.956	0.809
178	19.03	31063	16.645	1.959	0.812
179	19.13	31111	16.732	1.962	0.814
180	19.23	31159	16.820	1.965	0.817
181	19.33	31207	16.907	1.968	0.821
182	19.43	31255	16.995	1.971	0.823
183	19.53	31303	17.082	1.974	0.825
184	19.63	31351	17.169	1.977	0.827
185	19.73	31399	17.257	1.980	0.828
186	19.83	31446	17.344	1.983	0.832
187	19.93	31494	17.432	1.986	0.833
188	20.03	31542	17.519	1.989	0.835
189	20.13	31590	17.607	1.992	0.837
190	20.23	31638	17.694	1.995	0.839
191	20.33	31686	17.782	1.998	0.843

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
192	20.43	31733	17.869	2.001	0.844
193	20.53	31781	17.957	2.004	0.846
194	20.63	31829	18.044	2.007	0.848
195	20.73	31876	18.132	2.010	0.850
196	20.83	31924	18.219	2.013	0.852
197	20.93	31971	18.307	2.016	0.856
198	21.03	32019	18.394	2.019	0.858
199	21.13	32067	18.481	2.022	0.860
200	21.23	32114	18.569	2.025	0.862
201	21.33	32162	18.656	2.028	0.864
202	21.43	32209	18.744	2.031	0.866
203	21.53	32257	18.831	2.034	0.867
204	21.63	32304	18.919	2.037	0.871
205	21.73	32352	19.006	2.040	0.873
206	21.83	32399	19.094	2.043	0.875
207	21.93	32447	19.181	2.046	0.877
208	22.03	32494	19.269	2.049	0.879
209	22.13	32542	19.356	2.052	0.882
210	22.23	32589	19.444	2.055	0.884
211	22.33	32637	19.531	2.058	0.885
212	22.43	32684	19.619	2.061	0.889
213	22.53	32732	19.706	2.064	0.890
214	22.63	32779	19.793	2.067	0.892
215	22.73	32827	19.881	2.070	0.894
216	22.83	32874	19.968	2.073	0.895
217	22.93	32921	20.056	2.076	0.897
218	23.03	32968	20.143	2.079	0.898
219	23.13	33016	20.231	2.082	0.900
220	23.23	33063	20.318	2.085	0.901
221	23.33	33110	20.406	2.088	0.903
222	23.43	33157	20.493	2.091	0.906
223	23.53	33204	20.581	2.094	0.908
224	23.63	33251	20.668	2.097	0.910
225	23.73	33298	20.756	2.100	0.919
226	23.83	33345	20.843	2.102	0.914

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
227	23.93	33391	20.930	2.105	0.917
228	24.03	33438	21.018	2.108	0.918
229	24.13	33484	21.105	2.111	0.921
230	24.23	33531	21.193	2.114	0.924
231	24.33	33577	21.280	2.117	0.926
232	24.43	33624	21.368	2.120	0.929
233	24.53	33670	21.455	2.123	0.934
234	24.63	33717	21.543	2.126	0.936
235	24.73	33763	21.630	2.129	0.939
236	24.83	33809	21.718	2.132	0.941
237	24.93	33855	21.805	2.135	0.943
238	25.03	33901	21.893	2.138	0.946
239	25.13	33947	21.980	2.140	0.949
240	25.23	33993	22.068	2.143	0.952
241	25.33	34039	22.155	2.146	0.955
242	25.43	34085	22.242	2.149	0.956
243	25.53	34131	22.330	2.152	0.959
244	25.63	34177	22.417	2.155	0.963
245	25.73	34223	22.505	2.158	0.967
246	25.83	34269	22.592	2.161	0.972
247	25.93	34315	22.680	2.164	0.976
248	26.03	34361	22.767	2.167	0.979
249	26.13	34407	22.855	2.169	0.983
250	26.23	34453	22.942	2.172	0.987
251	26.33	34499	23.030	2.175	0.992
252	26.43	34545	23.117	2.178	0.996
253	26.53	34591	23.205	2.181	0.997
254	26.63	34636	23.292	2.184	1.002
255	26.73	34682	23.380	2.187	1.006
256	26.83	34728	23.467	2.190	1.011
257	26.93	34774	23.554	2.193	1.015
258	27.03	34820	23.642	2.195	1.016
259	27.13	34865	23.729	2.198	1.021
260	27.23	34911	23.817	2.201	1.025
261	27.29	34937	23.869	2.203	1.026

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
262	27.33	34957	23.904	2.204	1.030
263	27.43	35003	23.992	2.207	1.034
264	27.53	35048	24.079	2.210	1.035
265	27.63	35094	24.167	2.213	1.039
266	27.73	35139	24.254	2.216	1.043
267	27.83	35185	24.342	2.218	1.048
268	27.93	35230	24.429	2.221	1.049
269	28.03	35276	24.517	2.224	1.053
270	28.13	35321	24.604	2.227	1.057
271	28.23	35366	24.692	2.230	1.064
272	28.33	35411	24.779	2.233	1.065
273	28.43	35457	24.866	2.236	1.069
274	28.53	35502	24.954	2.238	1.074
275	28.63	35547	25.041	2.241	1.078
276	28.73	35591	25.129	2.244	1.079
277	28.83	35636	25.216	2.247	1.084
278	28.93	35681	25.304	2.250	1.088
279	29.03	35725	25.391	2.253	1.092
280	29.13	35770	25.479	2.255	1.094
281	29.23	35814	25.566	2.258	1.098
282	29.33	35858	25.654	2.261	1.103
283	29.43	35902	25.741	2.264	1.107
284	29.53	35947	25.829	2.267	1.108
285	29.63	35991	25.916	2.269	1.112
286	29.73	36035	26.003	2.272	1.115
287	29.83	36078	26.091	2.275	1.117
288	29.93	36122	26.178	2.278	1.121
289	30.03	36166	26.266	2.280	1.124
290	30.13	36210	26.353	2.283	1.128
291	30.23	36254	26.441	2.286	1.130
292	30.33	36298	26.528	2.289	1.134
293	30.43	36342	26.616	2.291	1.137
294	30.53	36385	26.703	2.294	1.141
295	30.65	34849	26.808	2.197	1.161
296	30.78	33885	26.922	2.137	1.177

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
297	30.90	34060	27.027	2.148	1.181
298	31.02	34232	27.132	2.158	1.182
299	31.14	34402	27.237	2.169	1.186
300	31.37	33935	27.438	2.140	1.204
301	31.50	34306	27.552	2.163	1.203
302	31.64	34517	27.674	2.176	1.203
303	31.76	34677	27.779	2.186	1.207
304	31.90	34860	27.901	2.198	1.211
305	32.08	35076	28.059	2.212	1.214
306	32.27	35229	28.225	2.221	1.219
307	32.39	35330	28.330	2.228	1.221
308	32.56	35469	28.479	2.236	1.227
309	32.69	35558	28.592	2.242	1.230
310	32.83	35648	28.715	2.248	1.236
311	32.95	35716	28.820	2.252	1.240
312	33.17	35791	29.012	2.257	1.246
313	33.29	35848	29.117	2.260	1.252
314	33.42	35904	29.231	2.264	1.258
315	33.54	35960	29.336	2.267	1.263
316	33.66	36016	29.441	2.271	1.265
317	33.78	36071	29.546	2.274	1.271
318	33.90	36127	29.651	2.278	1.277
319	34.02	36182	29.756	2.281	1.282

表 4.2-2 結構負 X 向分析結果

狀態	基底剪力 $V(tf)$	結構位移 $Disp.(cm)$	等效週期 $T_{eq}(s)$	等效阻尼比 $\beta_{eq}(\%)$	$EPA(g)$
$R_{C/D}$=1	22534	8.37	0.455	9.4	0.505
降伏點	28416	13.83	0.521	11.4	0.688

表 4.2-3 結構負 X 向各區域之最大層間變位角

區域	狀態	Drift,max(%)
貯存區	$R_{C/D}$=1	0.409
	降伏點	0.673
辦公區	$R_{C/D}$=1	0.413
	降伏點	0.697

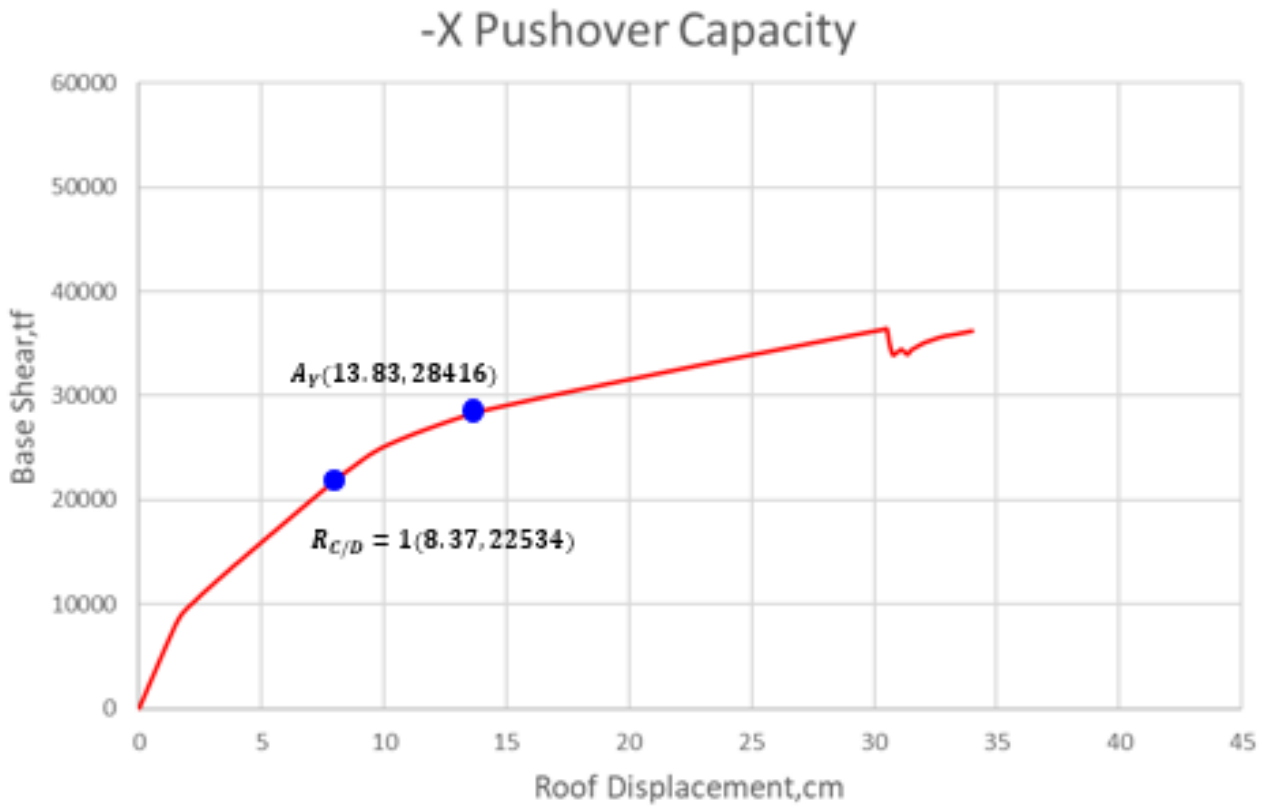


圖 4.2-1 結構負 X 向之容量曲線圖(側力位移圖)

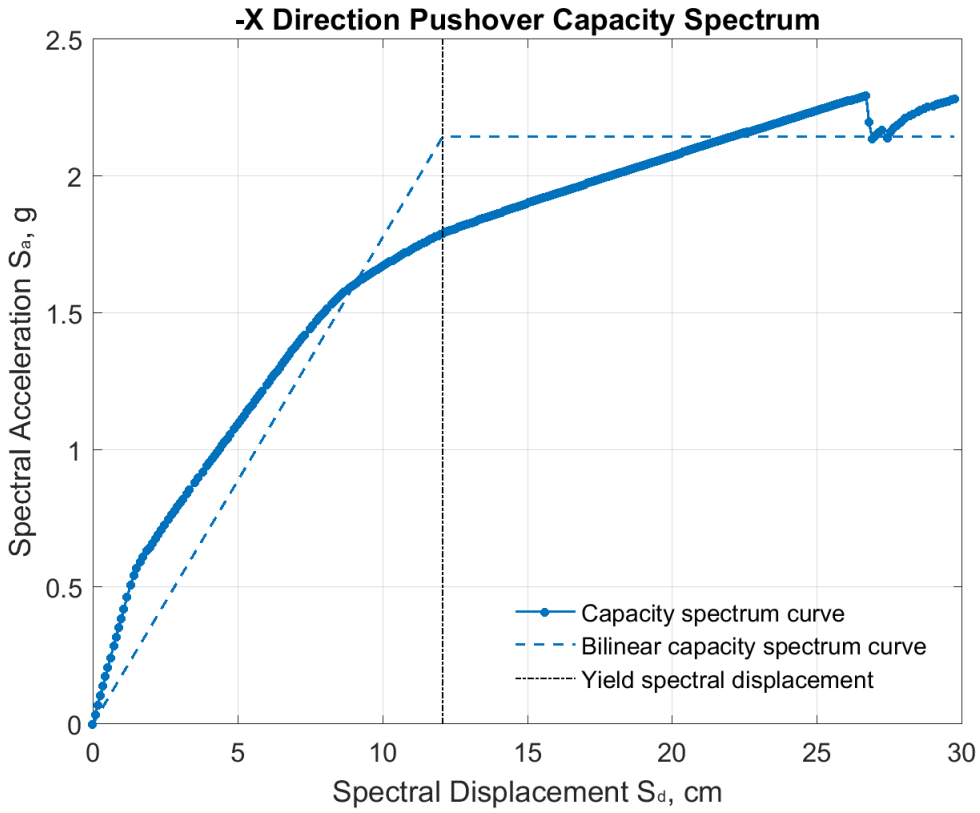


圖 4.2-2 結構負 X 向之 Sa-Sd 圖

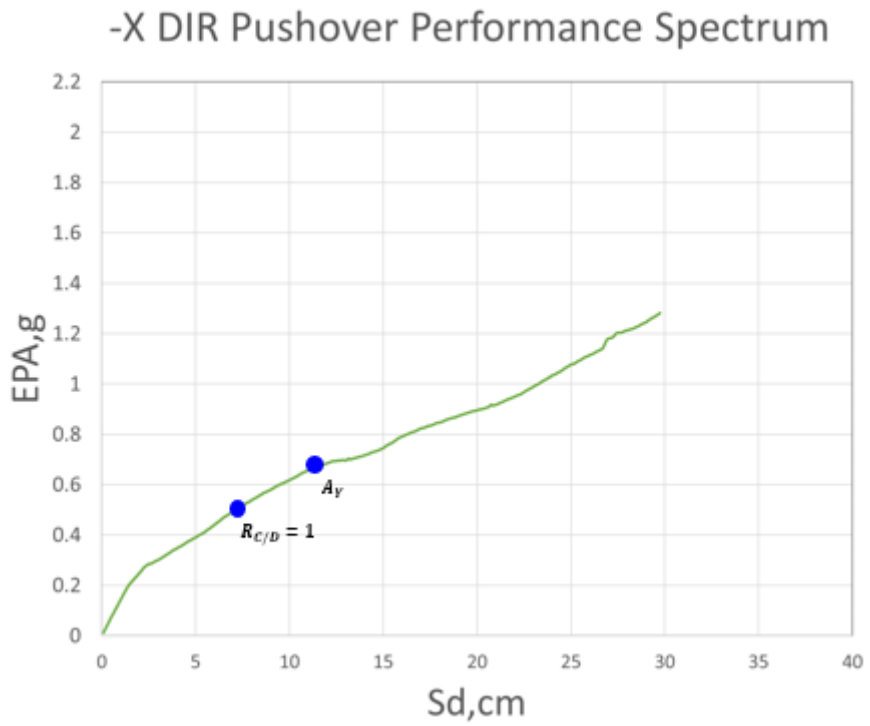


圖 4.2-3 結構負 X 向之 EPA 曲線

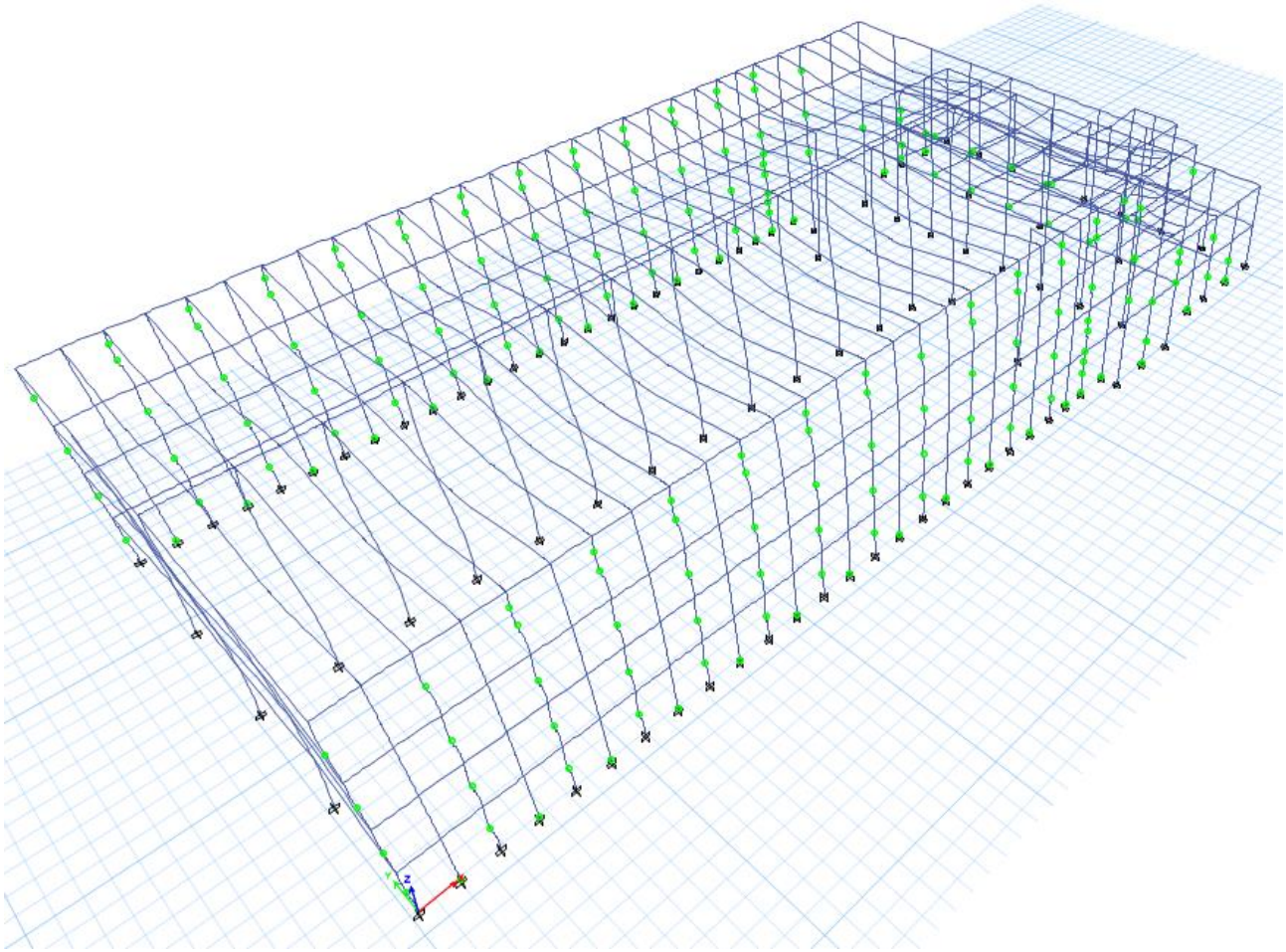


圖 4.2-4 結構負 X 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形

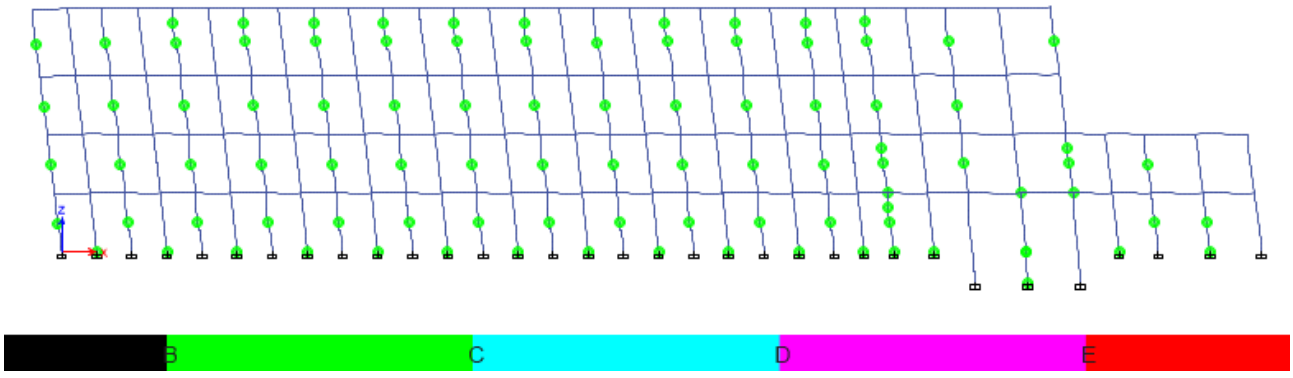


圖 4.2-5 結構負 X 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 A)

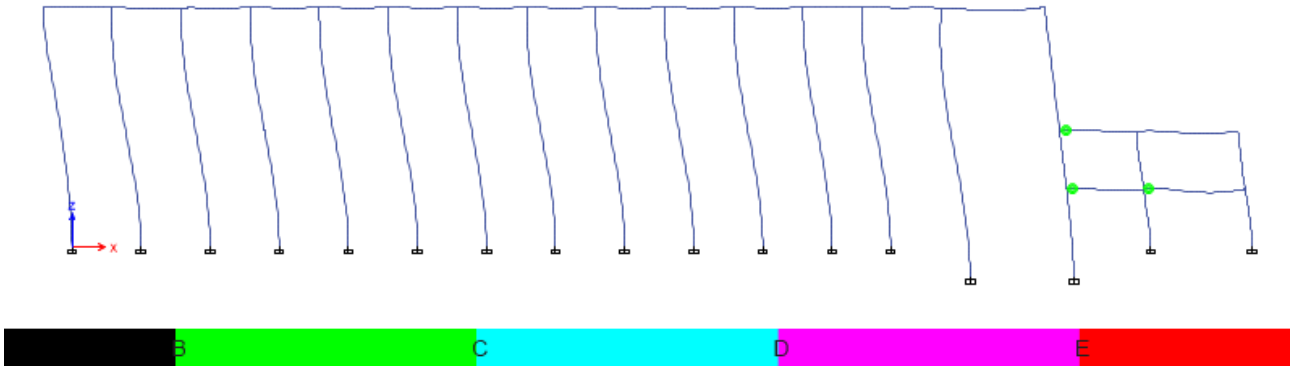


圖 4.2-6 結構負 X 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 B)

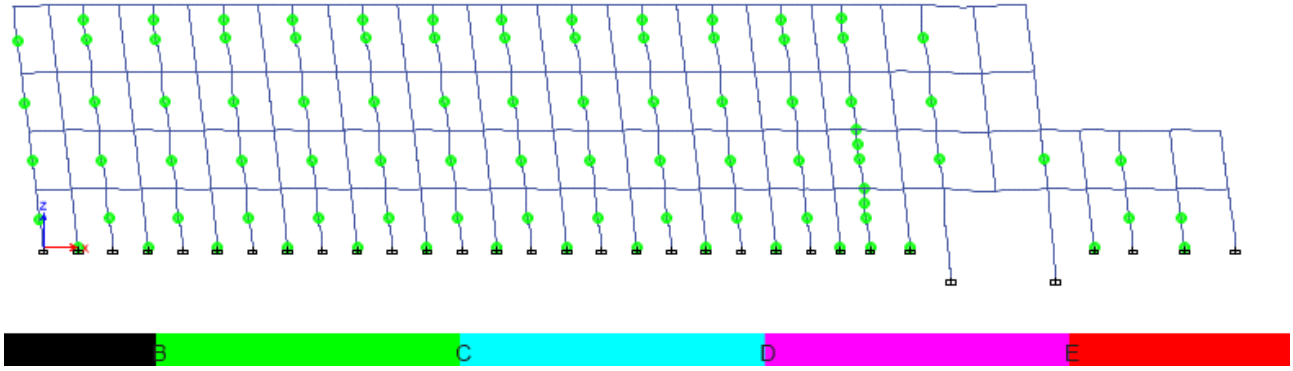


圖 4.2-7 結構負 X 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 C)

4.3 結構短向(正 Y 向)側推分析結果

結構經由側推分析後，其結構正 Y 向之容量曲線、容量震譜及 EPA 之詳細資料詳表 4.3-1，而結構正 Y 向分析結果及各區域之層間變位分別整理於表 4.3-2 及表 4.3-3。另外，結構正 Y 向之容量曲線、Sa-Sd 圖及 EPA 曲線可分別詳圖 4.3-1~圖 4.3-3。

由評估結果顯示，結構於地震達到 0.505g 狀態時，結構承受之基底剪力約為 14994tf，此時結構產生之屋頂位移約為 13.81cm。另由結構各桿件之塑鉸發展圖(圖 4.3-4~圖 4.3-15)可知，當本結構於地震強度 0.505g 作用下，結構由於剪力牆配置之關係，其主要受力構架為柱線 1、柱線 9、柱線 10 及柱線 11，而產生塑鉸之桿件絕大多數僅達到塑性爬升段(B-C 階段)，僅些許牆底產生達塑性下降段(C-D 階段)之彎矩塑鉸。

表 4.3-1 結構正 Y 向容量曲線、容量震譜及 EPA 之詳細資料

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
0	0.00	0	0.000	0.000	
1	0.10	654	0.085	0.037	0.014
2	0.20	1307	0.171	0.074	0.027
3	0.30	1961	0.256	0.111	0.041
4	0.40	2615	0.342	0.148	0.055
5	0.50	3268	0.427	0.185	0.069
6	0.60	3922	0.513	0.221	0.082
7	0.78	5023	0.667	0.284	0.107
8	0.92	5477	0.786	0.309	0.121
9	1.02	5734	0.872	0.324	0.127
10	1.12	5991	0.957	0.338	0.133
11	1.22	6248	1.043	0.353	0.139
12	1.32	6497	1.128	0.367	0.146
13	1.42	6716	1.214	0.379	0.153
14	1.52	6934	1.299	0.392	0.159
15	1.67	7246	1.427	0.409	0.163
16	1.77	7441	1.513	0.420	0.163

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
17	1.87	7636	1.598	0.431	0.165
18	1.97	7786	1.684	0.440	0.167
19	2.17	8005	1.855	0.452	0.171
20	2.27	8115	1.940	0.458	0.173
21	2.37	8225	2.026	0.464	0.175
22	2.47	8334	2.111	0.471	0.177
23	2.57	8444	2.196	0.477	0.179
24	2.67	8553	2.282	0.483	0.181
25	2.77	8662	2.367	0.489	0.186
26	2.87	8772	2.453	0.495	0.190
27	3.00	8913	2.564	0.503	0.195
28	3.10	9022	2.649	0.509	0.198
29	3.20	9132	2.735	0.516	0.201
30	3.30	9241	2.820	0.522	0.203
31	3.40	9351	2.906	0.528	0.206
32	3.50	9454	2.991	0.534	0.208
33	3.60	9558	3.077	0.540	0.210
34	3.80	9759	3.248	0.551	0.215
35	3.94	9911	3.367	0.560	0.219
36	4.04	10013	3.453	0.565	0.223
37	4.23	10208	3.615	0.576	0.229
38	4.33	10310	3.701	0.582	0.231
39	4.52	10503	3.863	0.593	0.236
40	4.62	10604	3.949	0.599	0.238
41	4.72	10706	4.034	0.605	0.241
42	4.88	10866	4.171	0.614	0.244
43	4.98	10966	4.256	0.619	0.246
44	5.08	11065	4.342	0.625	0.247
45	5.28	11259	4.513	0.636	0.249
46	5.46	11419	4.666	0.645	0.252
47	5.56	11504	4.752	0.650	0.254
48	5.66	11588	4.837	0.654	0.256
49	5.76	11672	4.923	0.659	0.258
50	5.86	11756	5.008	0.664	0.260
51	5.96	11837	5.094	0.668	0.263

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
52	6.06	11918	5.179	0.673	0.265
53	6.16	11999	5.265	0.678	0.268
54	6.26	12080	5.350	0.682	0.270
55	6.36	12160	5.436	0.687	0.274
56	6.46	12241	5.521	0.691	0.277
57	6.56	12321	5.607	0.696	0.282
58	6.74	12454	5.760	0.703	0.288
59	6.84	12523	5.846	0.707	0.291
60	6.94	12591	5.931	0.711	0.294
61	7.04	12659	6.017	0.715	0.297
62	7.14	12727	6.102	0.719	0.300
63	7.24	12789	6.188	0.722	0.302
64	7.34	12851	6.273	0.726	0.304
65	7.44	12913	6.359	0.729	0.307
66	7.62	13023	6.513	0.735	0.310
67	7.72	13085	6.598	0.739	0.312
68	7.82	13147	6.683	0.742	0.315
69	7.92	13209	6.769	0.746	0.317
70	8.02	13248	6.854	0.748	0.319
71	8.19	13313	7.000	0.752	0.322
72	8.29	13352	7.085	0.754	0.325
73	8.39	13391	7.171	0.756	0.327
74	8.54	13451	7.299	0.760	0.329
75	8.64	13490	7.384	0.762	0.331
76	8.74	13528	7.470	0.764	0.332
77	8.84	13567	7.555	0.766	0.334
78	8.94	13606	7.641	0.768	0.336
79	9.04	13644	7.726	0.770	0.339
80	9.14	13683	7.812	0.773	0.342
81	9.24	13721	7.897	0.775	0.345
82	9.34	13760	7.983	0.777	0.347
83	9.44	13798	8.068	0.779	0.350
84	9.54	13831	8.153	0.781	0.353
85	9.64	13864	8.239	0.783	0.357
86	9.74	13897	8.324	0.785	0.362

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
87	9.84	13930	8.410	0.787	0.365
88	9.94	13963	8.495	0.788	0.370
89	10.04	13996	8.581	0.790	0.373
90	10.14	14029	8.666	0.792	0.378
91	10.24	14062	8.752	0.794	0.381
92	10.34	14095	8.837	0.796	0.385
93	10.44	14127	8.923	0.798	0.389
94	10.54	14160	9.008	0.800	0.393
95	10.64	14192	9.094	0.801	0.396
96	10.74	14224	9.179	0.803	0.399
97	10.84	14254	9.265	0.805	0.403
98	10.94	14282	9.350	0.806	0.405
99	11.04	14309	9.435	0.808	0.410
100	11.14	14336	9.521	0.810	0.412
101	11.24	14362	9.606	0.811	0.416
102	11.34	14389	9.692	0.813	0.419
103	11.44	14415	9.777	0.814	0.422
104	11.54	14442	9.863	0.816	0.426
105	11.64	14468	9.948	0.817	0.428
106	11.74	14495	10.034	0.819	0.433
107	11.91	14539	10.179	0.821	0.438
108	12.01	14565	10.264	0.822	0.441
109	12.11	14591	10.350	0.824	0.445
110	12.21	14617	10.435	0.825	0.449
111	12.31	14641	10.521	0.827	0.453
112	12.41	14666	10.606	0.828	0.457
113	12.51	14691	10.692	0.830	0.460
114	12.61	14715	10.777	0.831	0.465
115	12.71	14739	10.863	0.832	0.469
116	12.81	14763	10.948	0.834	0.473
117	12.91	14787	11.034	0.835	0.476
118	13.01	14810	11.119	0.836	0.480
119	13.11	14834	11.205	0.838	0.484
120	13.21	14857	11.290	0.839	0.488
121	13.31	14880	11.376	0.840	0.491

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
122	13.41	14903	11.461	0.842	0.497
123	13.51	14926	11.546	0.843	0.499
124	13.61	14949	11.632	0.844	0.501
125	13.71	14971	11.717	0.845	0.503
126	13.81	14994	11.803	0.847	0.505
127	13.91	15017	11.888	0.848	0.508
128	14.01	15039	11.974	0.849	0.511
129	14.11	15062	12.059	0.851	0.513
130	14.21	15084	12.145	0.852	0.516
131	14.31	15107	12.230	0.853	0.517
132	14.41	15129	12.316	0.854	0.518
133	14.51	15151	12.401	0.856	0.520
134	14.61	15173	12.487	0.857	0.521
135	14.71	15195	12.572	0.858	0.523
136	14.81	15217	12.658	0.859	0.524
137	14.91	15238	12.743	0.860	0.526
138	15.01	15260	12.828	0.862	0.527
139	15.11	15282	12.914	0.863	0.528
140	15.21	15304	12.999	0.864	0.532
141	15.32	15326	13.093	0.865	0.535
142	15.42	15347	13.179	0.867	0.538
143	15.52	15369	13.264	0.868	0.542
144	15.62	15390	13.350	0.869	0.545
145	15.72	15412	13.435	0.870	0.548
146	15.82	15433	13.521	0.871	0.552
147	15.92	15454	13.606	0.873	0.556
148	16.02	15475	13.692	0.874	0.559
149	16.12	15496	13.777	0.875	0.562
150	16.22	15517	13.863	0.876	0.564
151	16.32	15539	13.948	0.877	0.566
152	16.42	15560	14.034	0.879	0.569
153	16.52	15580	14.119	0.880	0.572
154	16.62	15601	14.204	0.881	0.574
155	16.72	15621	14.290	0.882	0.576
156	16.82	15642	14.375	0.883	0.578

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
157	16.92	15662	14.461	0.884	0.580
158	17.02	15683	14.546	0.886	0.583
159	17.12	15703	14.632	0.887	0.586
160	17.22	15724	14.717	0.888	0.588
161	17.32	15744	14.803	0.889	0.590
162	17.42	15765	14.888	0.890	0.591
163	17.52	15785	14.974	0.891	0.593
164	17.62	15805	15.059	0.892	0.595
165	17.72	15825	15.145	0.894	0.597
166	17.82	15845	15.230	0.895	0.600
167	17.92	15865	15.316	0.896	0.602
168	18.02	15885	15.401	0.897	0.604
169	18.12	15905	15.486	0.898	0.607
170	18.22	15925	15.572	0.899	0.609
171	18.32	15945	15.657	0.900	0.612
172	18.42	15965	15.743	0.902	0.614
173	18.52	15985	15.828	0.903	0.617
174	18.62	16005	15.914	0.904	0.620
175	18.72	16025	15.999	0.905	0.622
176	18.82	16045	16.085	0.906	0.624
177	18.92	16065	16.170	0.907	0.627
178	19.02	16084	16.256	0.908	0.631
179	19.12	16104	16.341	0.909	0.633
180	19.22	16124	16.427	0.910	0.635
181	19.32	16143	16.512	0.912	0.638
182	19.42	16163	16.597	0.913	0.640
183	19.52	16182	16.683	0.914	0.641
184	19.62	16201	16.768	0.915	0.643
185	19.72	16221	16.854	0.916	0.646
186	19.82	16240	16.939	0.917	0.647
187	19.92	16259	17.025	0.918	0.649
188	20.02	16278	17.110	0.919	0.652
189	20.12	16297	17.196	0.920	0.653
190	20.22	16316	17.281	0.921	0.655
191	20.32	16334	17.367	0.922	0.659

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
192	20.42	16353	17.452	0.923	0.661
193	20.52	16372	17.538	0.924	0.664
194	20.62	16391	17.623	0.926	0.665
195	20.72	16409	17.709	0.927	0.668
196	20.82	16428	17.794	0.928	0.671
197	20.92	16446	17.879	0.929	0.673
198	21.02	16465	17.965	0.930	0.676
199	21.12	16484	18.050	0.931	0.679
200	21.22	16502	18.136	0.932	0.681
201	21.32	16521	18.221	0.933	0.684
202	21.42	16539	18.307	0.934	0.686
203	21.52	16558	18.392	0.935	0.689
204	21.62	16576	18.478	0.936	0.691
205	21.72	16595	18.563	0.937	0.695
206	21.82	16613	18.649	0.938	0.698
207	21.92	16632	18.734	0.939	0.702
208	22.02	16650	18.820	0.940	0.705
209	22.12	16669	18.905	0.941	0.708
210	22.22	16686	18.991	0.942	0.711
211	22.32	16704	19.076	0.943	0.713
212	22.42	16722	19.161	0.944	0.717
213	22.52	16740	19.247	0.945	0.719
214	22.62	16758	19.332	0.946	0.723
215	22.72	16776	19.418	0.947	0.725
216	22.82	16793	19.503	0.948	0.729
217	22.92	16811	19.589	0.949	0.731
218	23.02	16829	19.674	0.950	0.735
219	23.12	16846	19.760	0.951	0.738
220	23.22	16863	19.845	0.952	0.741
221	23.32	16880	19.931	0.953	0.745
222	23.42	16896	20.016	0.954	0.748
223	23.52	16912	20.102	0.955	0.752
224	23.62	16927	20.187	0.956	0.754
225	23.72	16943	20.273	0.957	0.759
226	23.82	16959	20.358	0.958	0.761

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
227	23.94	16749	20.461	0.946	0.771
228	24.05	16782	20.555	0.948	0.775
229	24.17	16811	20.657	0.949	0.778
230	24.28	16838	20.751	0.951	0.781
231	24.40	16863	20.854	0.952	0.785
232	24.52	16882	20.956	0.953	0.789
233	24.63	16900	21.050	0.954	0.791
234	24.75	16919	21.153	0.955	0.795
235	24.86	16937	21.247	0.956	0.799
236	24.98	16955	21.349	0.957	0.803
237	25.10	16973	21.452	0.958	0.805
238	25.21	16991	21.546	0.959	0.809
239	25.33	17008	21.649	0.960	0.813
240	25.44	17025	21.743	0.961	0.815
241	25.56	17042	21.845	0.962	0.819
242	25.68	17060	21.948	0.963	0.823
243	25.79	17077	22.042	0.964	0.826
244	25.91	17093	22.144	0.965	0.830
245	26.02	17110	22.238	0.966	0.834
246	26.14	17127	22.341	0.967	0.836
247	26.26	17144	22.443	0.968	0.840
248	26.37	17161	22.537	0.969	0.845
249	26.49	17177	22.640	0.970	0.847
250	26.60	17194	22.734	0.971	0.851
251	26.72	17206	22.837	0.972	0.857
252	26.84	17219	22.939	0.972	0.861
253	26.95	17231	23.033	0.973	0.863
254	27.07	17243	23.136	0.974	0.867
255	27.18	17255	23.230	0.974	0.870
256	27.30	17267	23.332	0.975	0.873
257	27.42	17280	23.435	0.976	0.875
258	27.53	17292	23.529	0.976	0.879
259	27.65	17304	23.631	0.977	0.882
260	27.76	17316	23.725	0.978	0.885
261	27.88	17323	23.828	0.978	0.888

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
262	28.00	17330	23.930	0.979	0.892
263	28.11	17337	24.024	0.979	0.895
264	28.23	17345	24.127	0.979	0.898
265	28.34	17351	24.221	0.980	0.903
266	28.46	17358	24.324	0.980	0.904
267	28.58	17365	24.426	0.981	0.907
268	28.69	17371	24.520	0.981	0.910
269	28.81	17378	24.623	0.981	0.913
270	28.92	17384	24.717	0.982	0.918
271	29.04	17390	24.819	0.982	0.921
272	29.16	17397	24.922	0.982	0.924
273	29.27	17403	25.016	0.983	0.925
274	29.39	17409	25.118	0.983	0.928
275	29.50	17415	25.212	0.983	0.933
276	29.62	17422	25.315	0.984	0.936
277	29.74	17428	25.418	0.984	0.939
278	29.85	17434	25.512	0.984	0.941
279	29.97	17440	25.614	0.985	0.944
280	30.08	17447	25.708	0.985	0.949
281	30.20	17453	25.811	0.986	0.952
282	30.32	17459	25.913	0.986	0.955
283	30.36	17461	25.947	0.986	0.955
284	30.43	17465	26.007	0.986	0.956
285	30.55	17471	26.110	0.987	0.959
286	30.66	17477	26.204	0.987	0.962
287	30.78	17483	26.306	0.987	0.967
288	30.89	17489	26.400	0.988	0.969
289	31.01	17495	26.503	0.988	0.972
290	31.13	17501	26.606	0.988	0.975
291	31.24	17507	26.700	0.989	0.978
292	31.36	17513	26.802	0.989	0.983
293	31.47	17519	26.896	0.989	0.985
294	31.59	17524	26.999	0.990	0.988
295	31.71	17530	27.101	0.990	0.991
296	31.82	17536	27.195	0.990	0.994

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
297	31.94	17542	27.298	0.991	0.996
298	32.05	17547	27.392	0.991	1.001
299	32.17	17553	27.494	0.991	1.004
300	32.29	17559	27.597	0.992	1.008
301	32.40	17564	27.691	0.992	1.010
302	32.52	17570	27.794	0.992	1.013
303	32.63	17575	27.888	0.992	1.016
304	32.75	17581	27.990	0.993	1.020
305	32.87	17586	28.093	0.993	1.024
306	32.98	17591	28.187	0.993	1.027
307	33.10	17597	28.289	0.994	1.030
308	33.21	17602	28.383	0.994	1.032
309	33.33	17606	28.486	0.994	1.036
310	33.45	17610	28.588	0.994	1.042
311	33.56	17614	28.682	0.995	1.045
312	33.68	17618	28.785	0.995	1.047
313	33.79	17622	28.879	0.995	1.051
314	33.91	17626	28.982	0.995	1.055
315	34.03	17629	29.084	0.995	1.057
316	34.14	17633	29.178	0.996	1.062
317	34.26	17636	29.281	0.996	1.066
318	34.37	17639	29.375	0.996	1.070
319	34.49	17643	29.477	0.996	1.072
320	34.61	17646	29.580	0.996	1.076
321	34.72	17649	29.674	0.997	1.082
322	34.84	17652	29.776	0.997	1.086
323	34.95	17654	29.870	0.997	1.088
324	35.07	17657	29.973	0.997	1.092
325	35.19	17660	30.075	0.997	1.096
326	35.30	17662	30.169	0.997	1.100
327	35.42	17664	30.272	0.997	1.104
328	35.53	17665	30.366	0.998	1.107
329	35.65	17666	30.469	0.998	1.111
330	35.77	17667	30.571	0.998	1.116
331	35.88	17668	30.665	0.998	1.119

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
332	36.00	17670	30.768	0.998	1.124
333	36.11	17671	30.862	0.998	1.128
334	36.23	17672	30.964	0.998	1.132
335	36.35	17673	31.067	0.998	1.134
336	36.46	17674	31.161	0.998	1.140
337	36.58	17675	31.263	0.998	1.145
338	36.69	17675	31.357	0.998	1.150
339	36.81	17675	31.460	0.998	1.153
340	36.93	17675	31.563	0.998	1.158
341	37.04	17675	31.657	0.998	1.165
342	37.16	17675	31.759	0.998	1.171
343	37.27	17675	31.853	0.998	1.176
344	37.39	17675	31.956	0.998	1.179
345	37.51	17675	32.058	0.998	1.184
346	37.62	17675	32.152	0.998	1.192
347	37.74	17675	32.255	0.998	1.198
348	37.85	17675	32.349	0.998	1.200
349	37.97	17674	32.451	0.998	1.206
350	38.09	17674	32.554	0.998	1.212
351	38.20	17674	32.648	0.998	1.220
352	38.32	17674	32.751	0.998	1.222
353	38.43	17674	32.845	0.998	1.226
354	38.55	17673	32.947	0.998	1.230
355	38.67	17673	33.050	0.998	1.234
356	38.78	17673	33.144	0.998	1.238
357	38.90	17673	33.246	0.998	1.242
358	39.01	17674	33.340	0.998	1.246
359	39.13	17675	33.443	0.998	1.249
360	39.24	17678	33.537	0.998	1.253
361	39.36	17680	33.639	0.998	1.260
362	39.48	17682	33.742	0.998	1.262
363	39.59	17684	33.836	0.999	1.266
364	39.71	17687	33.939	0.999	1.271
365	39.82	17689	34.033	0.999	1.273
366	39.94	17691	34.135	0.999	1.278

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
367	40.06	17693	34.238	0.999	1.282
368	40.17	17695	34.332	0.999	1.286
369	40.29	17697	34.434	0.999	1.291
370	40.40	17699	34.528	0.999	1.293
371	40.52	17701	34.631	1.000	1.297
372	40.64	17703	34.733	1.000	1.302
373	40.75	17705	34.827	1.000	1.304
374	40.87	17707	34.930	1.000	1.308
375	40.98	17709	35.024	1.000	1.315

表 4.3-2 結構正 Y 向分析結果

狀態	基底剪力 $V(tf)$	結構位移 $Disp.(cm)$	等效週期 $T_{eq}(s)$	等效阻尼比 $\beta_{eq}(\%)$	$EPA(g)$
$R_{C/D}$=1	14994	13.81	0.749	16.0	0.505
降伏點	13683	9.14	0.638	14.3	0.342

表 4.3-3 結構正 Y 向各區域之最大層間變位角

區域	狀態	Drift,max(%)
貯存區	$R_{C/D}$=1	0.721
	降伏點	0.518
辦公區	$R_{C/D}$=1	0.737
	降伏點	0.518

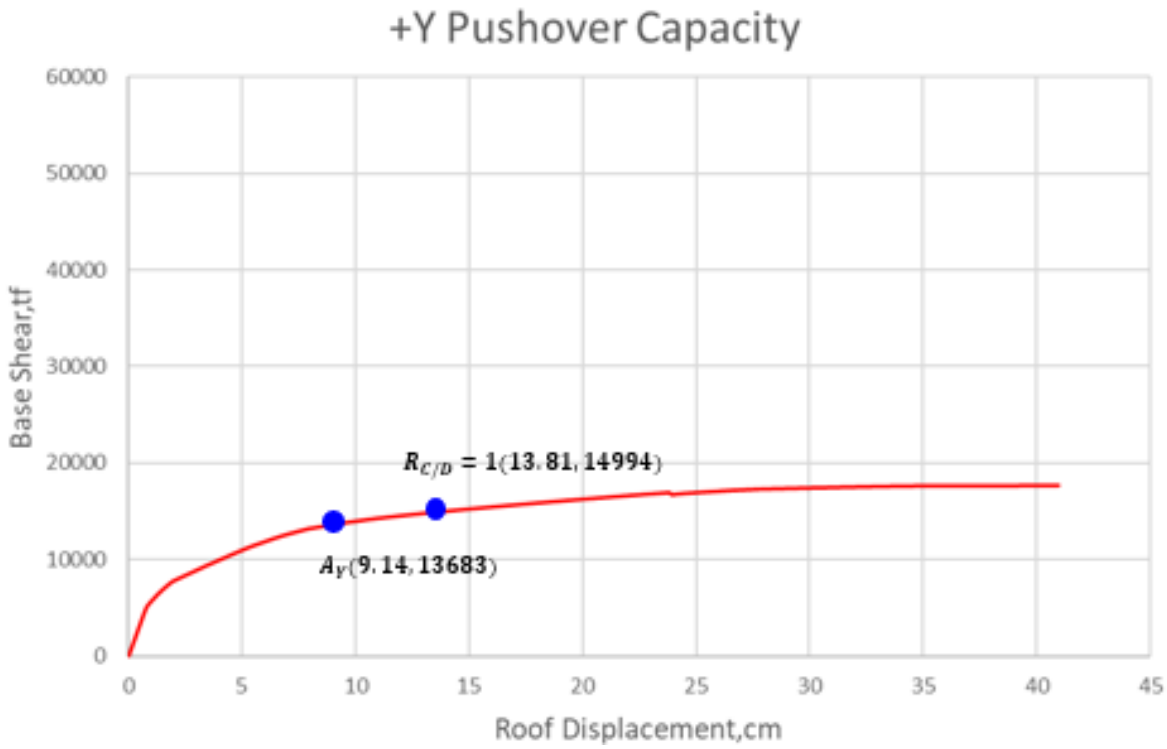


圖 4.3-1 結構正 Y 向之容量曲線圖(側力位移圖)

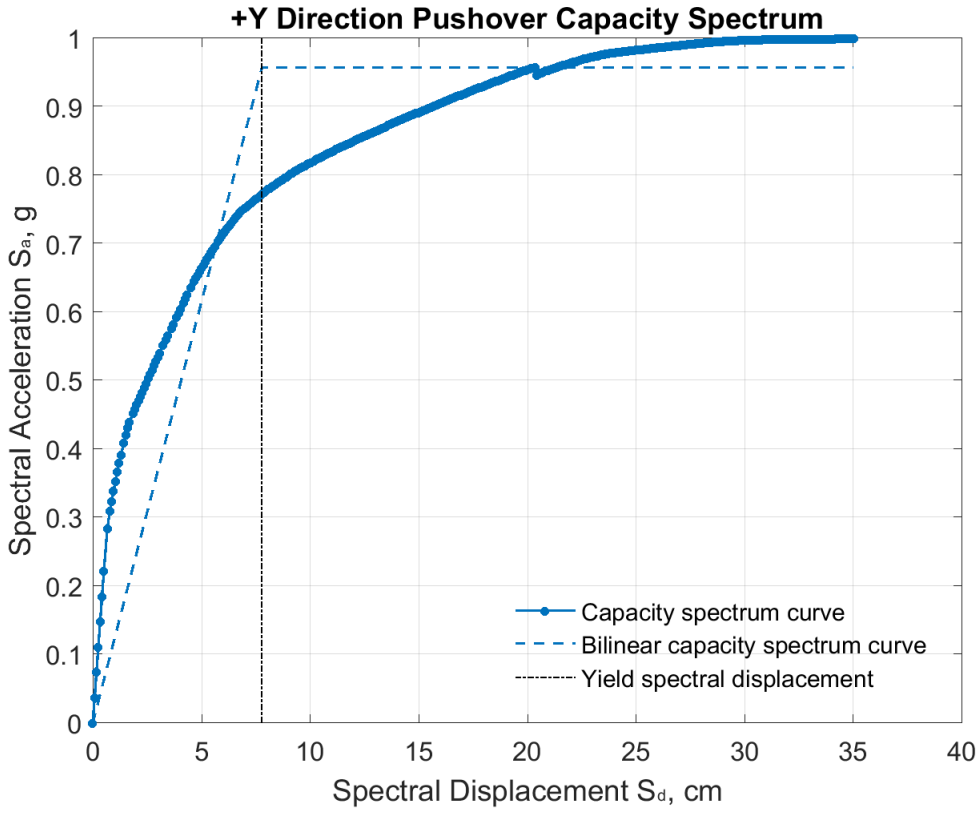


圖 4.3-2 結構正 Y 向之 Sa-Sd 圖

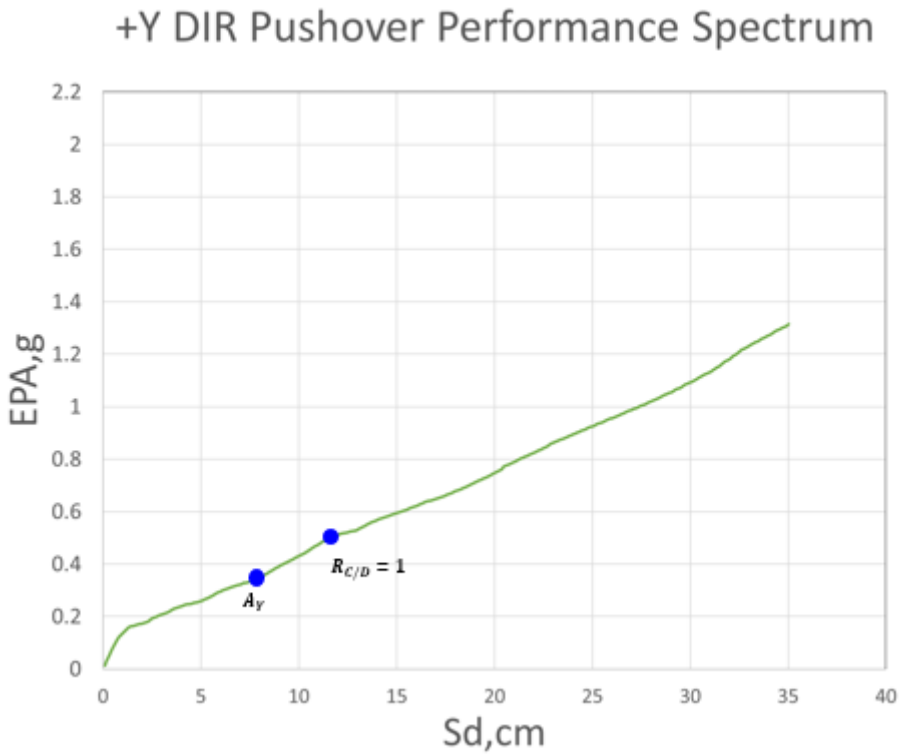


圖 4.3-3 結構正 Y 向之 EPA-Sd 圖

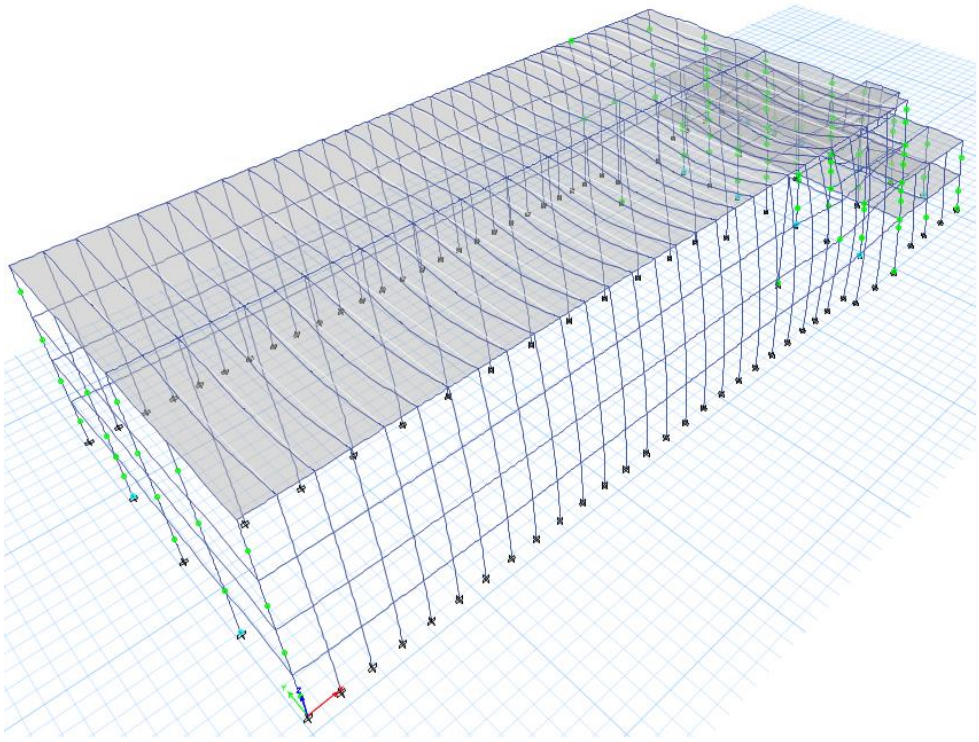


圖 4.3-4 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形

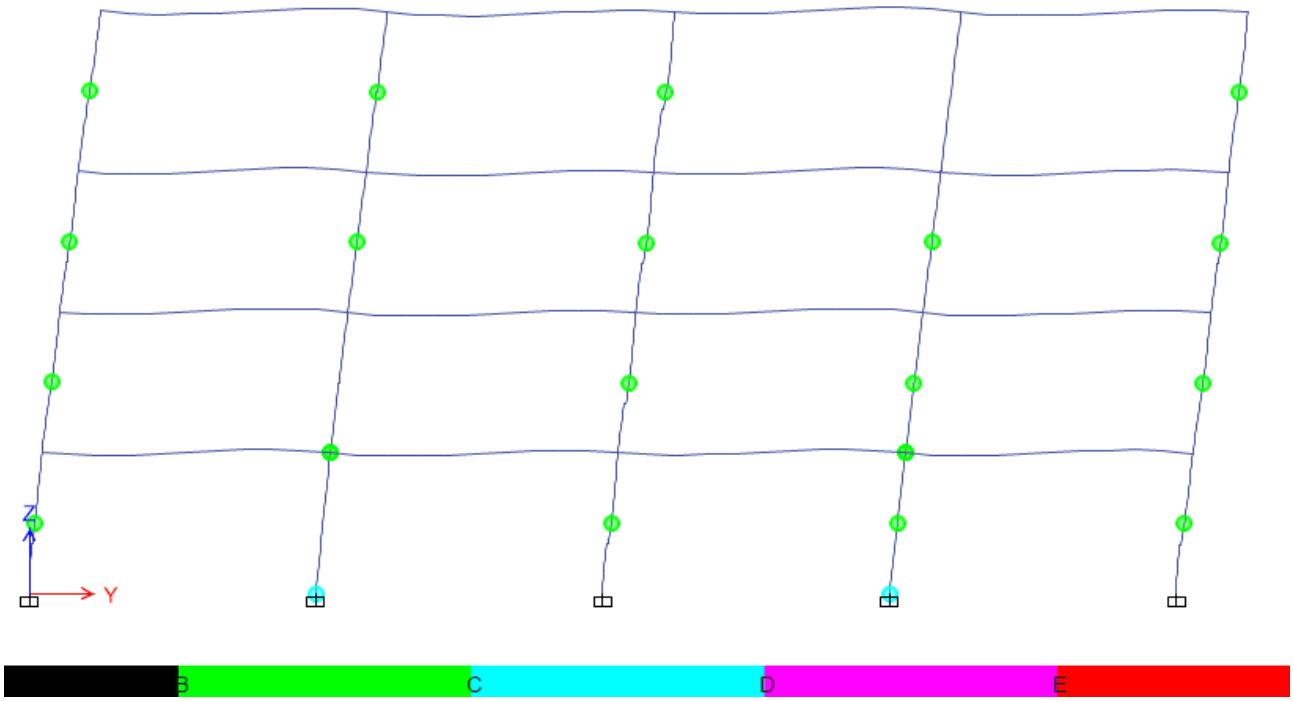


圖 4.3-5 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 1)

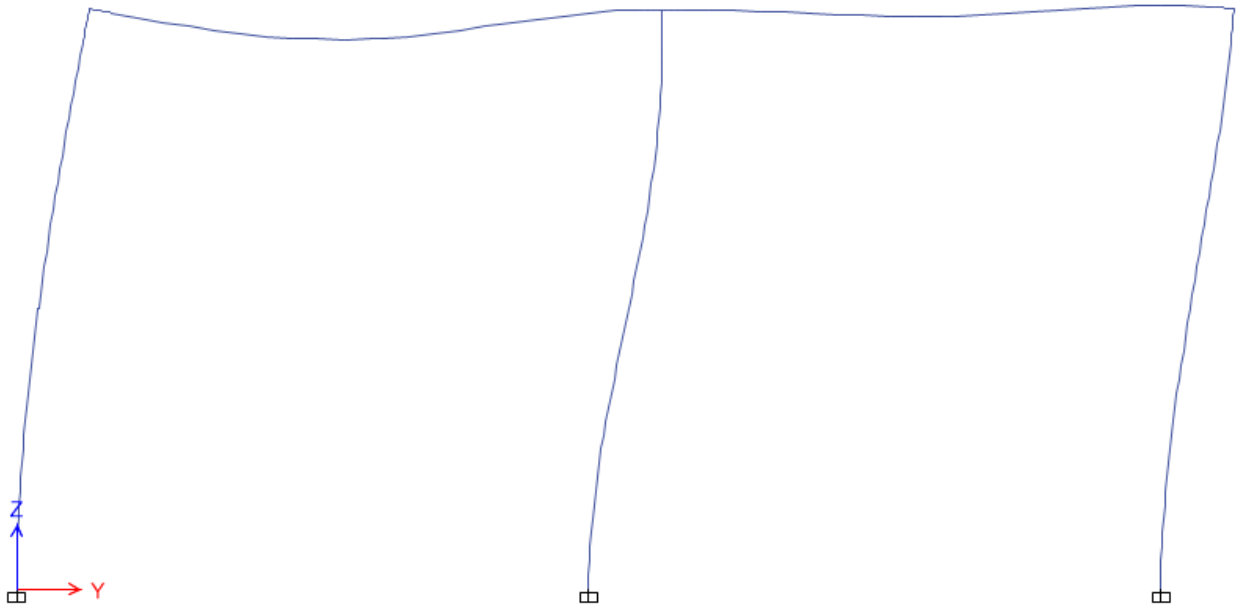


圖 4.3-6 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 2)

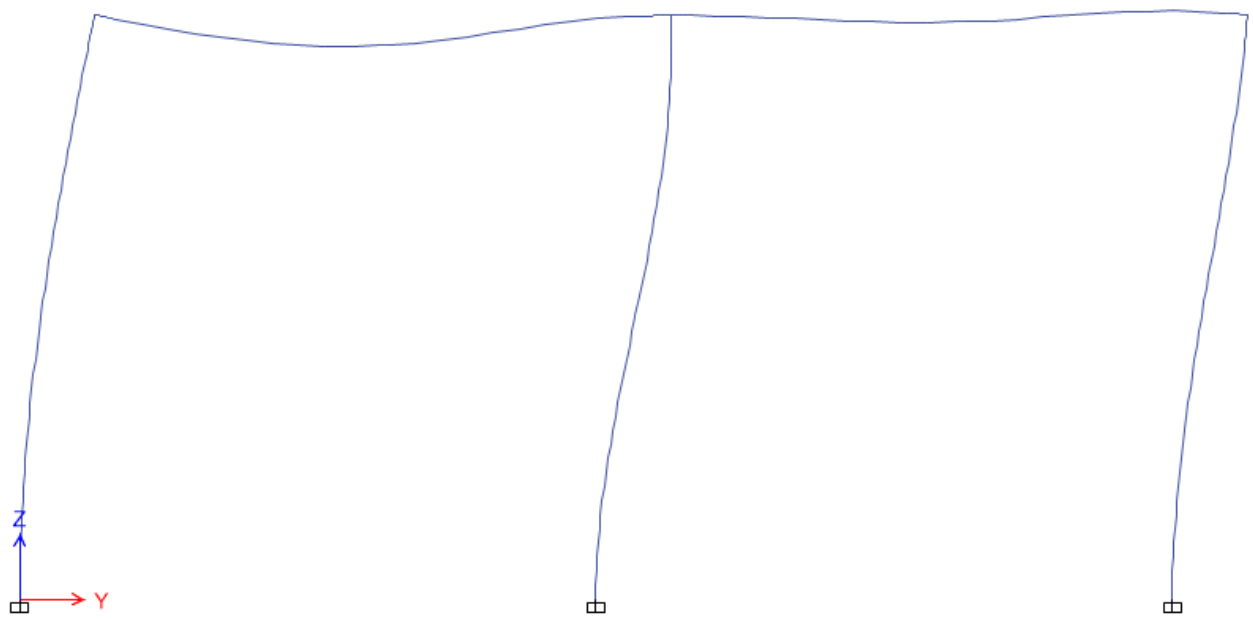


圖 4.3-7 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 3)

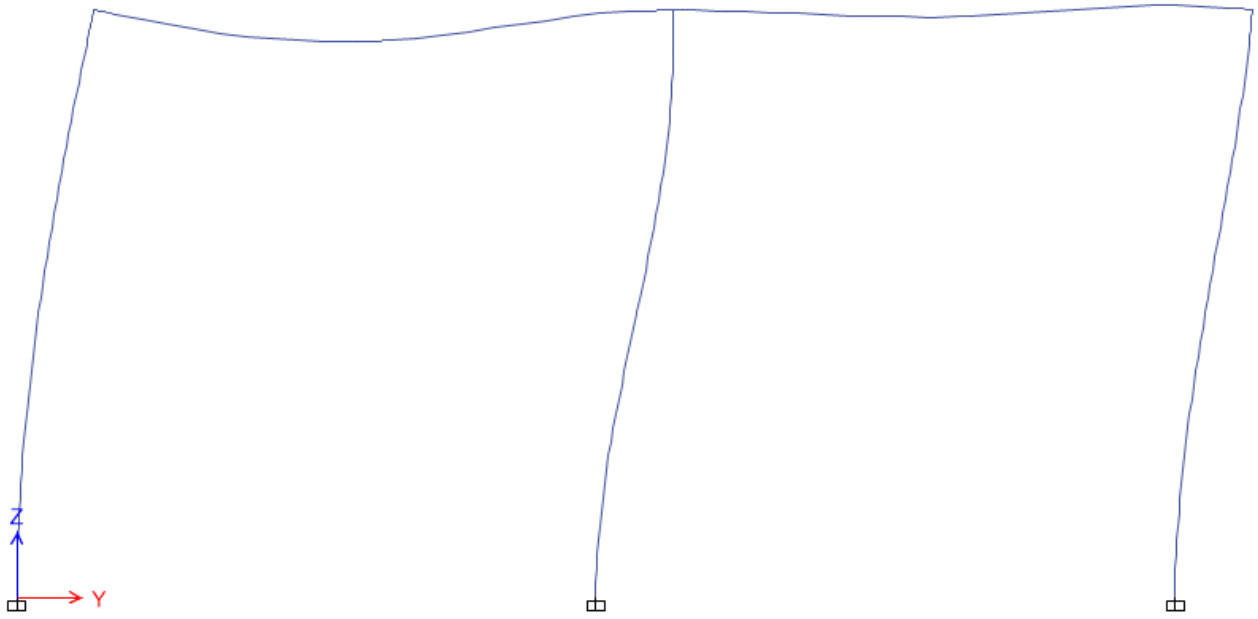


圖 4.3-8 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 4)

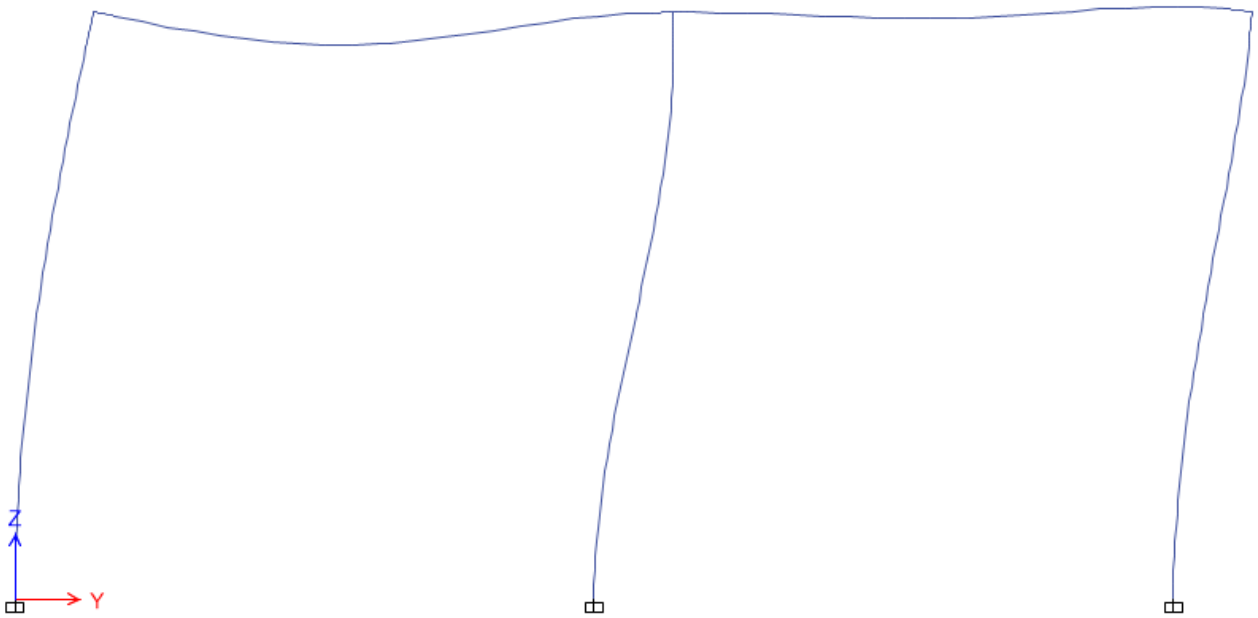


圖 4.3-9 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 5)

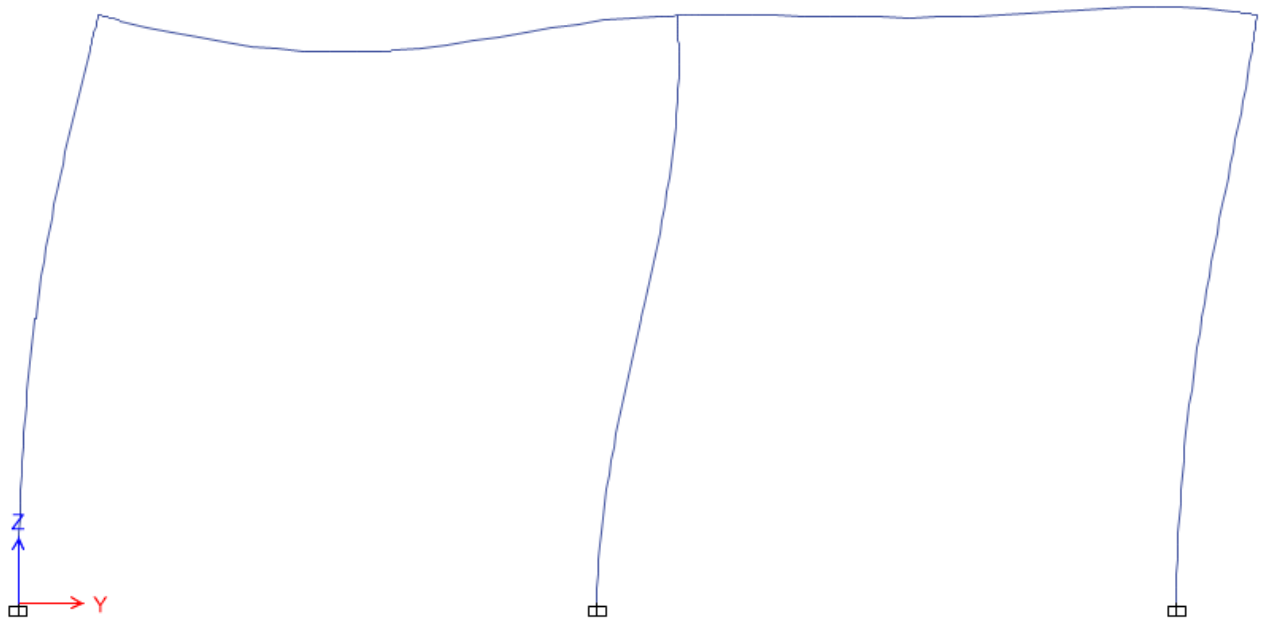


圖 4.3-10 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 6)

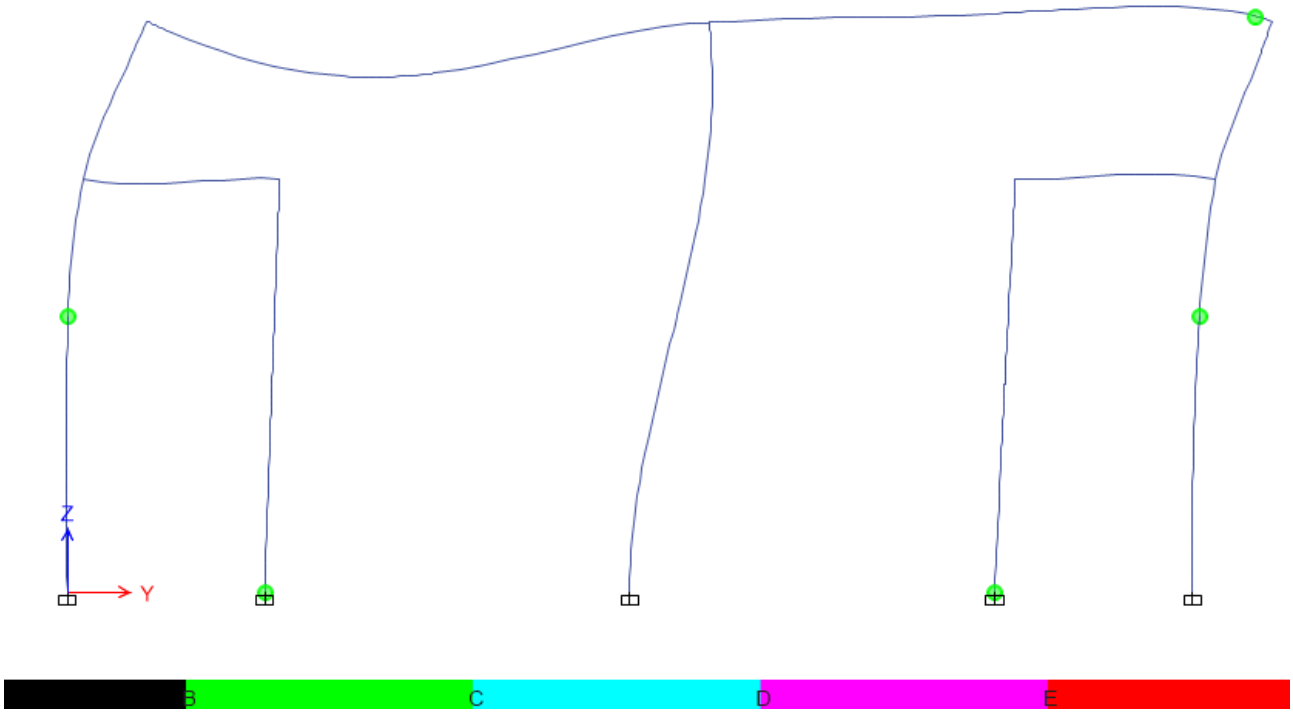


圖 4.3-11 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 7)

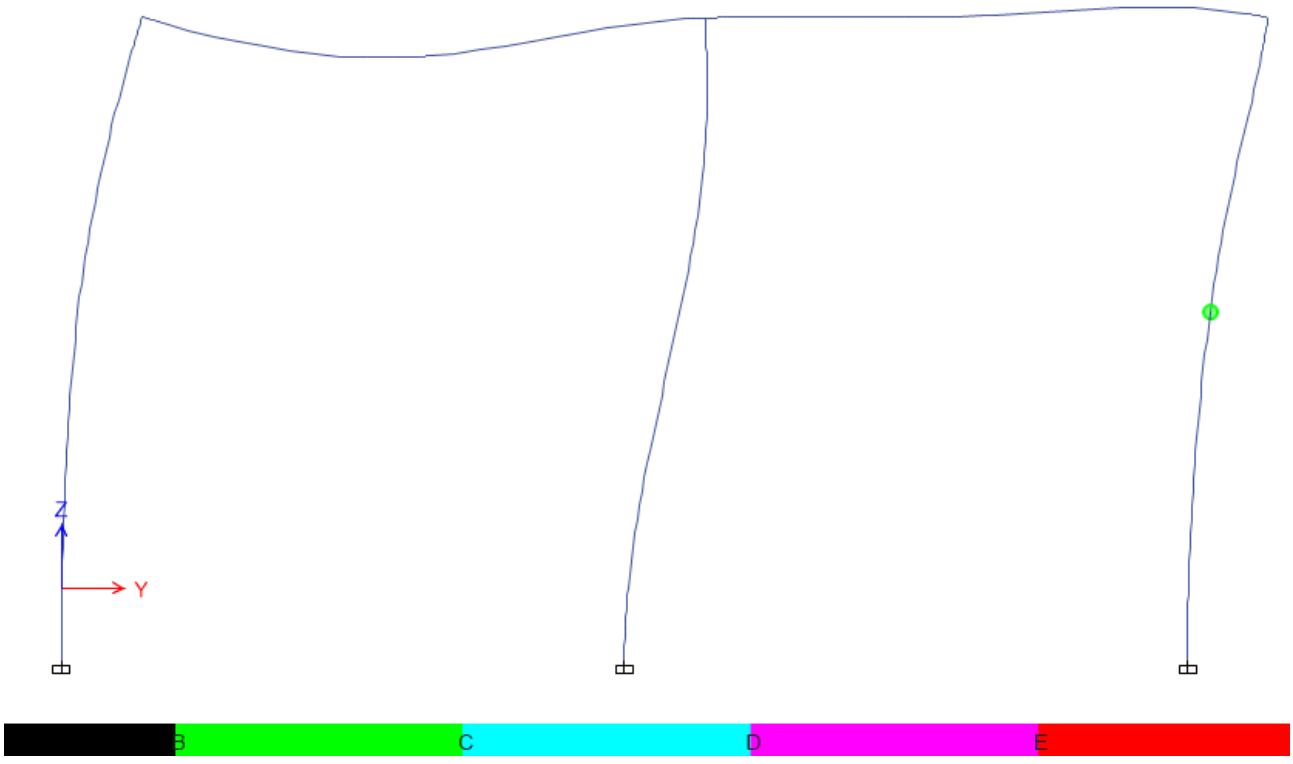


圖 4.3-12 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 8)

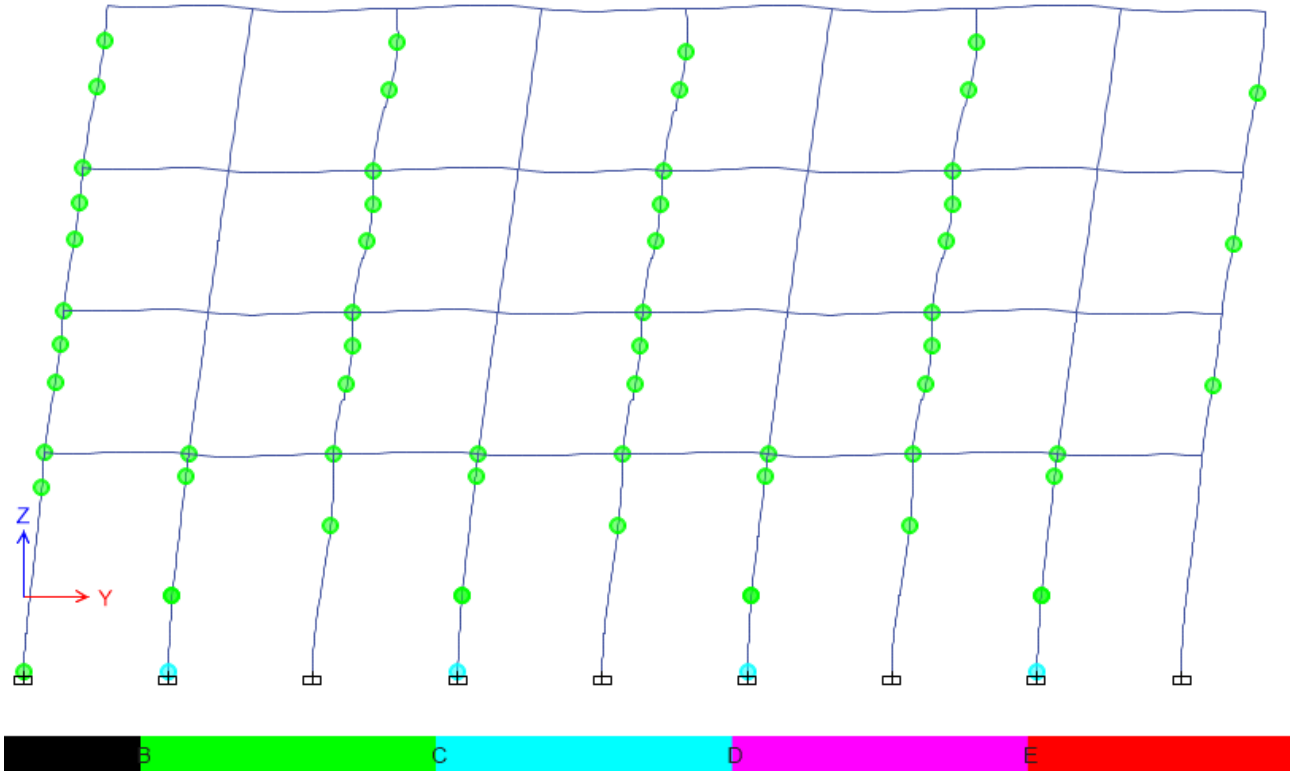


圖 4.3-13 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 9)

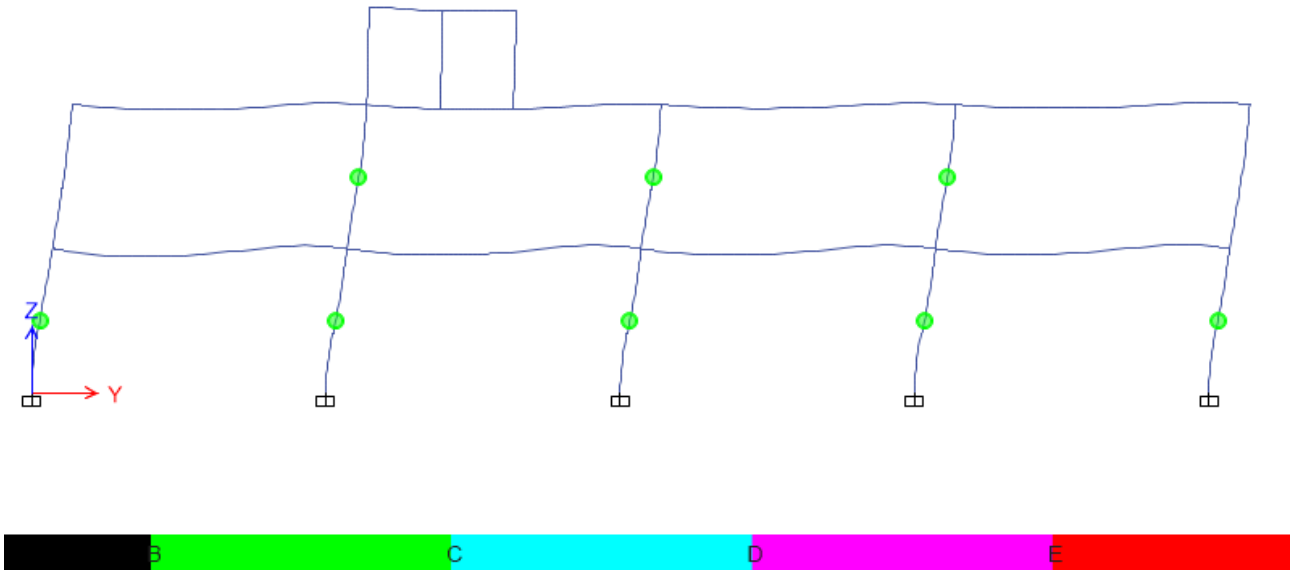


圖 4.3-14 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 10)

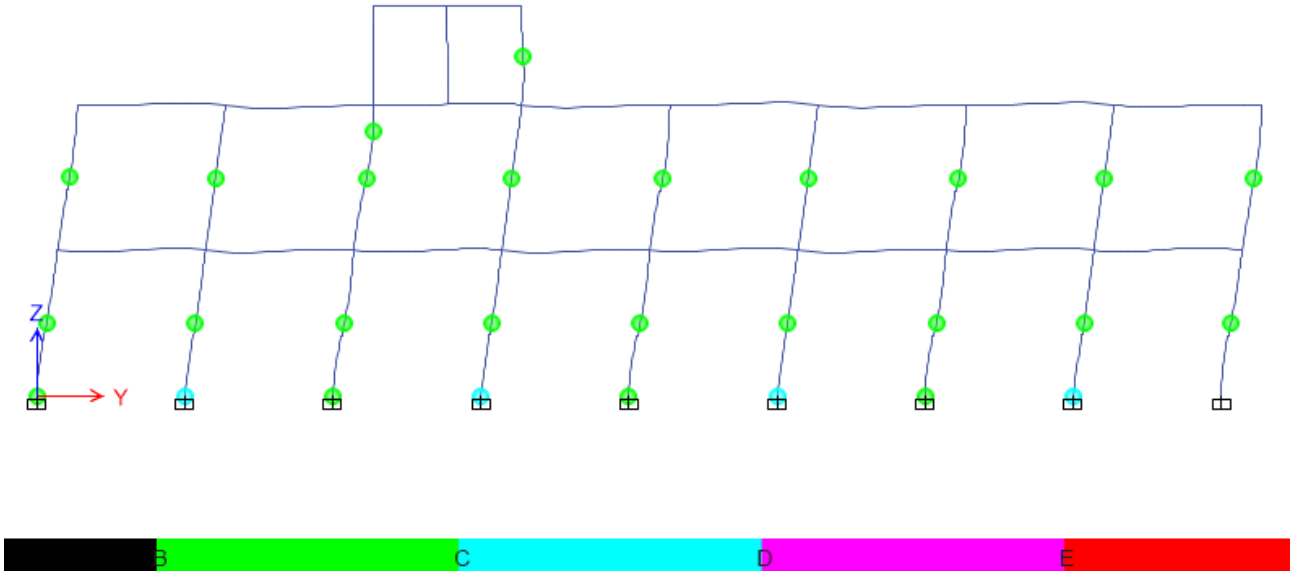


圖 4.3-15 結構正 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 11)

4.4 結構短向(負 Y 向)側推分析結果

結構經由側推分析後，其結構負 Y 向之容量曲線、容量震譜及 EPA 之詳細資料詳表 4.4-1，而結構負 Y 向分析結果及各區域之層間變位分別整理於表 4.4-2 及表 4.4-3。另外，結構負 Y 向之容量曲線、Sa-Sd 圖及 EPA 曲線可分別詳圖 4.4-1~圖 4.4-3。

由評估結果顯示，結構於地震達到 0.505g 狀態時，結構承受之基底剪力約為 15077tf，此時結構產生之屋頂位移約為 13.75cm。另由結構各桿件之塑鉸發展圖(圖 4.4-4~圖 4.4-15)可知，當本結構於地震強度 0.505g 作用下，結構由於剪力牆配置之關係，其主要受力構架為柱線 1、柱線 9、柱線 10 及柱線 11，而產生塑鉸之桿件絕大多數僅達到塑性爬升段(B-C 階段)，僅些許牆底產生達塑性下降段(C-D 階段)之彎矩塑鉸。

表 4.4-1 結構負 Y 向容量曲線、容量震譜及 EPA 之詳細資料

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
0	0.00	0	0.000	0.000	
1	0.10	654	0.085	0.037	0.014
2	0.20	1307	0.171	0.074	0.027
3	0.30	1961	0.256	0.111	0.041
4	0.40	2615	0.342	0.148	0.055
5	0.50	3268	0.427	0.185	0.069
6	0.60	3922	0.513	0.221	0.082
7	0.76	4853	0.650	0.274	0.103
8	0.95	5605	0.812	0.317	0.124
9	1.05	5862	0.897	0.331	0.130
10	1.15	6119	0.983	0.346	0.135
11	1.25	6376	1.068	0.360	0.142
12	1.42	6775	1.214	0.383	0.154
13	1.57	7097	1.342	0.401	0.163
14	1.72	7396	1.470	0.418	0.165
15	1.82	7591	1.555	0.429	0.166
16	1.94	7828	1.658	0.442	0.170

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
17	2.08	7978	1.778	0.451	0.171
18	2.18	8088	1.863	0.457	0.173
19	2.28	8198	1.949	0.463	0.175
20	2.46	8397	2.102	0.474	0.178
21	2.56	8506	2.188	0.480	0.180
22	2.66	8615	2.273	0.486	0.182
23	2.76	8725	2.359	0.493	0.186
24	2.86	8834	2.444	0.499	0.191
25	2.96	8944	2.530	0.505	0.195
26	3.06	9053	2.615	0.511	0.198
27	3.16	9163	2.701	0.517	0.201
28	3.26	9272	2.786	0.524	0.204
29	3.36	9382	2.872	0.530	0.206
30	3.46	9491	2.957	0.536	0.209
31	3.56	9595	3.043	0.542	0.211
32	3.66	9699	3.128	0.548	0.213
33	3.82	9864	3.265	0.557	0.217
34	3.97	10016	3.393	0.566	0.221
35	4.07	10118	3.478	0.571	0.225
36	4.24	10290	3.624	0.581	0.231
37	4.34	10392	3.709	0.587	0.233
38	4.44	10494	3.795	0.593	0.235
39	4.54	10596	3.880	0.598	0.238
40	4.64	10697	3.966	0.604	0.240
41	4.74	10798	4.051	0.610	0.242
42	4.86	10915	4.154	0.616	0.245
43	4.96	11014	4.239	0.622	0.248
44	5.06	11114	4.325	0.628	0.250
45	5.16	11214	4.410	0.633	0.251
46	5.26	11313	4.496	0.639	0.252
47	5.36	11411	4.581	0.644	0.253
48	5.54	11573	4.735	0.654	0.256
49	5.72	11725	4.889	0.662	0.259
50	5.82	11809	4.974	0.667	0.261
51	5.92	11890	5.060	0.671	0.263

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
52	6.02	11971	5.145	0.676	0.266
53	6.13	12052	5.239	0.681	0.268
54	6.23	12134	5.325	0.685	0.271
55	6.33	12214	5.410	0.690	0.273
56	6.43	12294	5.495	0.694	0.277
57	6.53	12375	5.581	0.699	0.281
58	6.63	12455	5.666	0.703	0.284
59	6.82	12595	5.829	0.711	0.291
60	6.92	12663	5.914	0.715	0.294
61	7.02	12731	6.000	0.719	0.297
62	7.12	12799	6.085	0.723	0.300
63	7.22	12861	6.171	0.726	0.303
64	7.32	12924	6.256	0.730	0.305
65	7.42	12986	6.342	0.733	0.308
66	7.52	13048	6.427	0.737	0.310
67	7.68	13151	6.564	0.743	0.313
68	7.78	13212	6.649	0.746	0.316
69	7.88	13274	6.735	0.750	0.318
70	7.98	13314	6.820	0.752	0.319
71	8.08	13354	6.906	0.754	0.322
72	8.18	13393	6.991	0.756	0.324
73	8.28	13432	7.077	0.758	0.326
74	8.38	13471	7.162	0.761	0.329
75	8.54	13533	7.299	0.764	0.331
76	8.64	13571	7.384	0.766	0.333
77	8.74	13610	7.470	0.769	0.335
78	8.84	13649	7.555	0.771	0.336
79	8.94	13688	7.641	0.773	0.341
80	9.04	13727	7.726	0.775	0.341
81	9.14	13765	7.812	0.777	0.343
82	9.24	13804	7.897	0.779	0.346
83	9.34	13843	7.983	0.782	0.348
84	9.44	13882	8.068	0.784	0.351
85	9.54	13920	8.153	0.786	0.354
86	9.64	13954	8.239	0.788	0.358

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
87	9.74	13987	8.324	0.790	0.361
88	9.84	14020	8.410	0.792	0.365
89	9.94	14053	8.495	0.794	0.370
90	10.04	14086	8.581	0.795	0.373
91	10.14	14119	8.666	0.797	0.378
92	10.24	14152	8.752	0.799	0.381
93	10.34	14185	8.837	0.801	0.385
94	10.44	14218	8.923	0.803	0.389
95	10.54	14251	9.008	0.805	0.392
96	10.64	14284	9.094	0.807	0.397
97	10.74	14315	9.179	0.808	0.400
98	10.84	14345	9.265	0.810	0.404
99	10.94	14374	9.350	0.812	0.407
100	11.04	14402	9.435	0.813	0.410
101	11.14	14429	9.521	0.815	0.413
102	11.24	14455	9.606	0.816	0.416
103	11.34	14482	9.692	0.818	0.420
104	11.44	14509	9.777	0.819	0.423
105	11.54	14535	9.863	0.821	0.427
106	11.64	14562	9.948	0.822	0.429
107	11.74	14589	10.034	0.824	0.433
108	11.84	14615	10.119	0.825	0.436
109	11.94	14642	10.205	0.827	0.439
110	12.04	14668	10.290	0.828	0.442
111	12.14	14694	10.376	0.830	0.447
112	12.24	14720	10.461	0.831	0.450
113	12.34	14745	10.547	0.833	0.454
114	12.45	14770	10.641	0.834	0.459
115	12.55	14795	10.726	0.835	0.462
116	12.65	14819	10.811	0.837	0.466
117	12.75	14843	10.897	0.838	0.470
118	12.85	14868	10.982	0.840	0.475
119	12.95	14891	11.068	0.841	0.478
120	13.05	14915	11.153	0.842	0.482
121	13.15	14939	11.239	0.844	0.485

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
122	13.25	14962	11.324	0.845	0.489
123	13.35	14985	11.410	0.846	0.493
124	13.45	15008	11.495	0.847	0.497
125	13.55	15031	11.581	0.849	0.501
126	13.65	15054	11.666	0.850	0.503
127	13.75	15077	11.752	0.851	0.505
128	13.85	15100	11.837	0.853	0.509
129	13.95	15122	11.923	0.854	0.511
130	14.05	15145	12.008	0.855	0.513
131	14.15	15168	12.093	0.857	0.515
132	14.25	15190	12.179	0.858	0.518
133	14.35	15212	12.264	0.859	0.520
134	14.45	15235	12.350	0.860	0.522
135	14.55	15256	12.435	0.861	0.523
136	14.65	15278	12.521	0.863	0.525
137	14.75	15300	12.606	0.864	0.526
138	14.85	15322	12.692	0.865	0.528
139	14.95	15344	12.777	0.866	0.529
140	15.05	15366	12.863	0.868	0.530
141	15.15	15387	12.948	0.869	0.532
142	15.25	15409	13.034	0.870	0.534
143	15.35	15431	13.119	0.871	0.538
144	15.45	15452	13.204	0.873	0.540
145	15.55	15474	13.290	0.874	0.543
146	15.65	15495	13.375	0.875	0.546
147	15.75	15517	13.461	0.876	0.550
148	15.85	15538	13.546	0.877	0.554
149	15.95	15559	13.632	0.879	0.557
150	16.05	15581	13.717	0.880	0.560
151	16.15	15602	13.803	0.881	0.564
152	16.25	15623	13.888	0.882	0.566
153	16.35	15644	13.974	0.883	0.569
154	16.45	15665	14.059	0.885	0.572
155	16.55	15686	14.145	0.886	0.574
156	16.65	15707	14.230	0.887	0.576

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
157	16.75	15727	14.316	0.888	0.579
158	16.85	15748	14.401	0.889	0.580
159	16.95	15769	14.486	0.890	0.583
160	17.05	15789	14.572	0.892	0.586
161	17.15	15810	14.657	0.893	0.588
162	17.25	15831	14.743	0.894	0.590
163	17.35	15851	14.828	0.895	0.592
164	17.45	15871	14.914	0.896	0.595
165	17.55	15891	14.999	0.897	0.596
166	17.65	15911	15.085	0.898	0.598
167	17.75	15931	15.170	0.900	0.600
168	17.85	15951	15.256	0.901	0.603
169	17.95	15971	15.341	0.902	0.605
170	18.05	15991	15.427	0.903	0.607
171	18.15	16011	15.512	0.904	0.609
172	18.25	16031	15.598	0.905	0.612
173	18.35	16050	15.683	0.906	0.614
174	18.45	16070	15.768	0.907	0.616
175	18.55	16090	15.854	0.909	0.619
176	18.65	16110	15.939	0.910	0.622
177	18.75	16129	16.025	0.911	0.624
178	18.85	16149	16.110	0.912	0.627
179	18.95	16169	16.196	0.913	0.630
180	19.05	16188	16.281	0.914	0.633
181	19.15	16208	16.367	0.915	0.636
182	19.25	16227	16.452	0.916	0.638
183	19.35	16247	16.538	0.917	0.640
184	19.45	16266	16.623	0.919	0.642
185	19.55	16285	16.709	0.920	0.644
186	19.65	16304	16.794	0.921	0.646
187	19.75	16323	16.880	0.922	0.648
188	19.85	16342	16.965	0.923	0.650
189	19.95	16361	17.050	0.924	0.653
190	20.05	16380	17.136	0.925	0.655
191	20.15	16399	17.221	0.926	0.657

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
192	20.25	16417	17.307	0.927	0.659
193	20.35	16436	17.392	0.928	0.661
194	20.45	16455	17.478	0.929	0.663
195	20.55	16474	17.563	0.930	0.666
196	20.65	16492	17.649	0.931	0.668
197	20.75	16511	17.734	0.932	0.670
198	20.85	16529	17.820	0.933	0.673
199	20.95	16548	17.905	0.934	0.675
200	21.05	16566	17.991	0.935	0.678
201	21.15	16585	18.076	0.937	0.681
202	21.25	16603	18.162	0.938	0.683
203	21.35	16621	18.247	0.939	0.687
204	21.45	16640	18.332	0.940	0.689
205	21.55	16658	18.418	0.941	0.692
206	21.66	16677	18.512	0.942	0.695
207	21.76	16695	18.597	0.943	0.697
208	21.86	16714	18.683	0.944	0.701
209	21.96	16732	18.768	0.945	0.703
210	22.06	16751	18.854	0.946	0.707
211	22.16	16769	18.939	0.947	0.709
212	22.26	16787	19.025	0.948	0.713
213	22.36	16805	19.110	0.949	0.715
214	22.46	16823	19.196	0.950	0.718
215	22.56	16841	19.281	0.951	0.721
216	22.66	16859	19.367	0.952	0.724
217	22.76	16877	19.452	0.953	0.727
218	22.86	16894	19.538	0.954	0.730
219	22.96	16912	19.623	0.955	0.733
220	23.06	16929	19.708	0.956	0.737
221	23.16	16947	19.794	0.957	0.739
222	23.26	16964	19.879	0.958	0.743
223	23.40	16987	19.999	0.959	0.748
224	23.50	17003	20.085	0.960	0.752
225	23.60	17019	20.170	0.961	0.754
226	23.70	17035	20.255	0.962	0.758

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
227	23.80	17051	20.341	0.963	0.761
228	23.90	17067	20.426	0.964	0.765
229	24.01	16487	20.520	0.931	0.782
230	24.22	16538	20.700	0.934	0.789
231	24.33	16566	20.794	0.935	0.791
232	24.45	16595	20.896	0.937	0.795
233	24.57	16623	20.999	0.939	0.798
234	24.68	16645	21.093	0.940	0.802
235	24.80	16667	21.196	0.941	0.805
236	24.92	16689	21.298	0.942	0.809
237	25.03	16711	21.392	0.944	0.811
238	25.15	16733	21.495	0.945	0.814
239	25.36	16771	21.674	0.947	0.821
240	25.48	16790	21.777	0.948	0.825
241	25.59	16809	21.871	0.949	0.828
242	25.71	16828	21.973	0.950	0.832
243	25.83	16846	22.076	0.951	0.836
244	25.94	16865	22.170	0.952	0.839
245	26.06	16883	22.272	0.953	0.843
246	26.18	16902	22.375	0.954	0.846
247	26.29	16920	22.469	0.955	0.850
248	26.41	16938	22.572	0.956	0.854
249	26.53	16957	22.674	0.958	0.857
250	26.64	16975	22.768	0.959	0.861
251	26.76	16989	22.871	0.959	0.864
252	26.87	17002	22.965	0.960	0.866
253	26.99	17016	23.067	0.961	0.869
254	27.11	17030	23.170	0.962	0.873
255	27.22	17044	23.264	0.962	0.876
256	27.34	17058	23.366	0.963	0.880
257	27.46	17071	23.469	0.964	0.883
258	27.57	17085	23.563	0.965	0.887
259	27.69	17099	23.666	0.966	0.889
260	27.81	17107	23.768	0.966	0.892
261	27.92	17116	23.862	0.967	0.895

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
262	28.04	17124	23.965	0.967	0.898
263	28.15	17132	24.059	0.967	0.901
264	28.27	17140	24.161	0.968	0.904
265	28.39	17148	24.264	0.968	0.908
266	28.50	17155	24.358	0.969	0.911
267	28.62	17162	24.460	0.969	0.914
268	28.74	17170	24.563	0.970	0.917
269	28.85	17177	24.657	0.970	0.920
270	28.97	17184	24.760	0.970	0.923
271	29.09	17191	24.862	0.971	0.926
272	29.20	17198	24.956	0.971	0.929
273	29.32	17205	25.059	0.972	0.932
274	29.44	17212	25.161	0.972	0.935
275	29.55	17219	25.255	0.972	0.939
276	29.67	17226	25.358	0.973	0.940
277	29.78	17233	25.452	0.973	0.945
278	29.90	17240	25.554	0.974	0.948
279	30.02	17247	25.657	0.974	0.951
280	30.13	17254	25.751	0.974	0.954
281	30.25	17260	25.853	0.975	0.956
282	30.30	17264	25.896	0.975	0.957
283	30.37	17267	25.956	0.975	0.959
284	30.48	17274	26.050	0.975	0.963
285	30.60	17281	26.153	0.976	0.966
286	30.72	17288	26.255	0.976	0.968
287	30.83	17294	26.349	0.977	0.971
288	30.95	17301	26.452	0.977	0.974
289	31.06	17308	26.546	0.977	0.978
290	31.18	17314	26.648	0.978	0.981
291	31.30	17321	26.751	0.978	0.984
292	31.41	17327	26.845	0.978	0.988
293	31.53	17334	26.947	0.979	0.991
294	31.65	17340	27.050	0.979	0.994
295	31.76	17346	27.144	0.979	0.996
296	31.88	17353	27.247	0.980	1.000

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
297	32.00	17359	27.349	0.980	1.003
298	32.11	17365	27.443	0.981	1.008
299	32.23	17371	27.546	0.981	1.010
300	32.35	17377	27.648	0.981	1.013
301	32.46	17382	27.742	0.982	1.017
302	32.58	17387	27.845	0.982	1.020
303	32.69	17392	27.939	0.982	1.022
304	32.81	17397	28.041	0.982	1.026
305	32.93	17402	28.144	0.983	1.031
306	33.04	17407	28.238	0.983	1.035
307	33.16	17411	28.341	0.983	1.037
308	33.28	17416	28.443	0.983	1.041
309	33.39	17420	28.537	0.984	1.044
310	33.51	17423	28.640	0.984	1.048
311	33.63	17426	28.742	0.984	1.052
312	33.74	17429	28.836	0.984	1.055
313	33.86	17431	28.939	0.984	1.059
314	33.97	17434	29.033	0.984	1.063
315	34.09	17436	29.135	0.985	1.065
316	34.21	17438	29.238	0.985	1.070
317	34.32	17441	29.332	0.985	1.074
318	34.44	17443	29.434	0.985	1.078
319	34.56	17445	29.537	0.985	1.082
320	34.67	17447	29.631	0.985	1.084
321	34.79	17449	29.734	0.985	1.090
322	34.91	17450	29.836	0.985	1.094
323	35.02	17452	29.930	0.985	1.098
324	35.14	17453	30.033	0.986	1.102
325	35.25	17455	30.127	0.986	1.104
326	35.37	17456	30.229	0.986	1.108
327	35.49	17458	30.332	0.986	1.114
328	35.60	17459	30.426	0.986	1.118
329	35.72	17460	30.528	0.986	1.122
330	35.84	17461	30.631	0.986	1.124
331	35.95	17462	30.725	0.986	1.128

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
332	36.07	17463	30.828	0.986	1.141
333	36.19	17465	30.930	0.986	1.140
334	36.30	17466	31.024	0.986	1.142
335	36.42	17467	31.127	0.986	1.148
336	36.54	17468	31.229	0.986	1.153
337	36.65	17469	31.323	0.986	1.160
338	36.77	17470	31.426	0.986	1.163
339	36.88	17471	31.520	0.987	1.168
340	37.00	17472	31.622	0.987	1.174
341	37.12	17472	31.725	0.987	1.179
342	37.23	17473	31.819	0.987	1.184
343	37.35	17474	31.922	0.987	1.190
344	37.47	17474	32.024	0.987	1.196
345	37.58	17474	32.118	0.987	1.201
346	37.70	17474	32.221	0.987	1.207
347	37.82	17474	32.323	0.987	1.212
348	37.93	17474	32.417	0.987	1.216
349	38.05	17474	32.520	0.987	1.220
350	38.16	17475	32.614	0.987	1.224
351	38.28	17477	32.716	0.987	1.226
352	38.40	17479	32.819	0.987	1.231
353	38.51	17482	32.913	0.987	1.237
354	38.72	17486	33.092	0.987	1.244
355	38.83	17489	33.186	0.988	1.246
356	38.95	17492	33.289	0.988	1.250
357	39.07	17494	33.392	0.988	1.253
358	39.18	17497	33.486	0.988	1.257
359	39.30	17499	33.588	0.988	1.261
360	39.42	17502	33.691	0.988	1.266
361	39.53	17504	33.785	0.988	1.270
362	39.65	17507	33.887	0.989	1.275
363	39.76	17509	33.981	0.989	1.277
364	39.90	17512	34.101	0.989	1.282
365	40.01	17514	34.195	0.989	1.286
366	40.13	17517	34.298	0.989	1.290

STEP	位移 (cm)	基底剪力 (tf)	Sd (cm)	Sa (g)	EPA (g)
367	40.25	17519	34.400	0.989	1.293
368	40.36	17522	34.494	0.989	1.299
369	40.48	17524	34.597	0.990	1.301
370	40.60	17526	34.699	0.990	1.306
371	40.71	17529	34.793	0.990	1.310
372	40.83	17531	34.896	0.990	1.313
373	40.95	17533	34.998	0.990	1.317
374	41.06	17535	35.092	0.990	1.322

表 4.4-2 結構負 Y 向分析結果

狀態	基底剪力 $V(tf)$	結構位移 $Disp.(cm)$	等效週期 $T_{eq}(s)$	等效阻尼比 $\beta_{eq}(\%)$	$EPA(g)$
$R_{C/D}$=1	15077	13.75	0.745	15.9	0.505
降伏點	13649	8.84	0.628	14.2	0.336

表 4.4-3 結構負 Y 向各區域之最大層間變位角

區域	狀態	Drift,max(%)
貯存區	$R_{C/D}$=1	0.717
	降伏點	0.505
辦公區	$R_{C/D}$=1	0.731
	降伏點	0.507

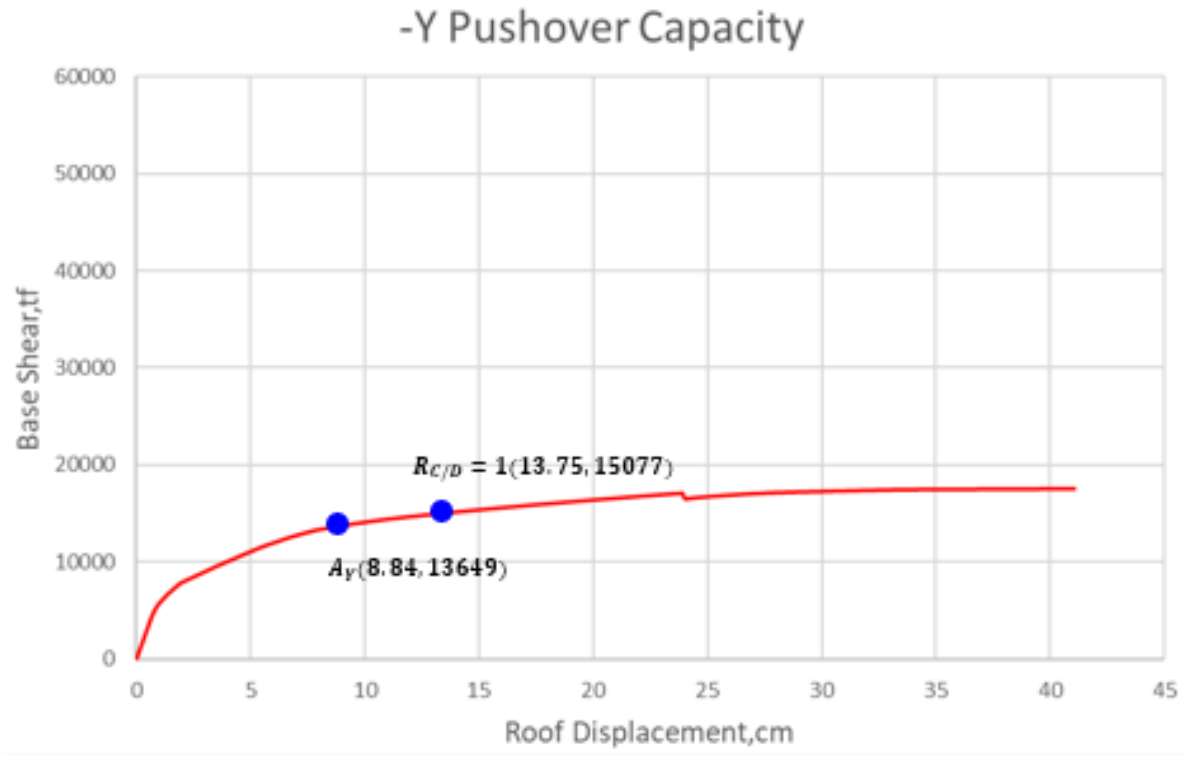


圖 4.4-1 結構負 Y 向之容量曲線圖(側力位移圖)

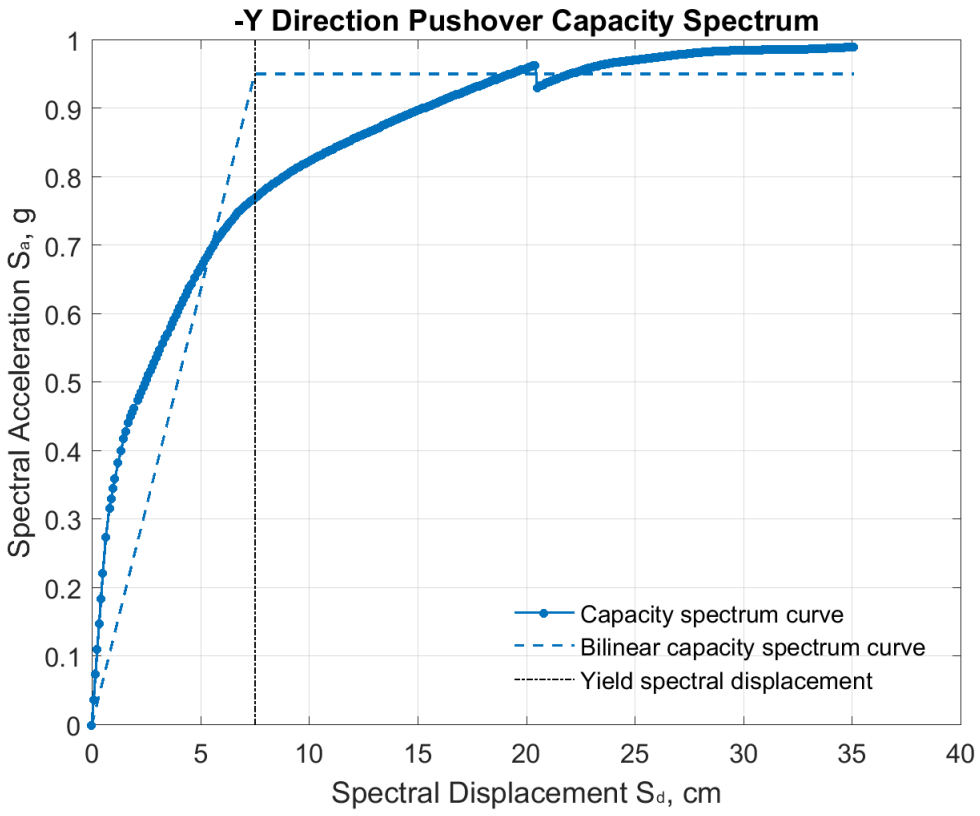


圖 4.4-2 結構負 Y 向之 Sa-Sd 圖

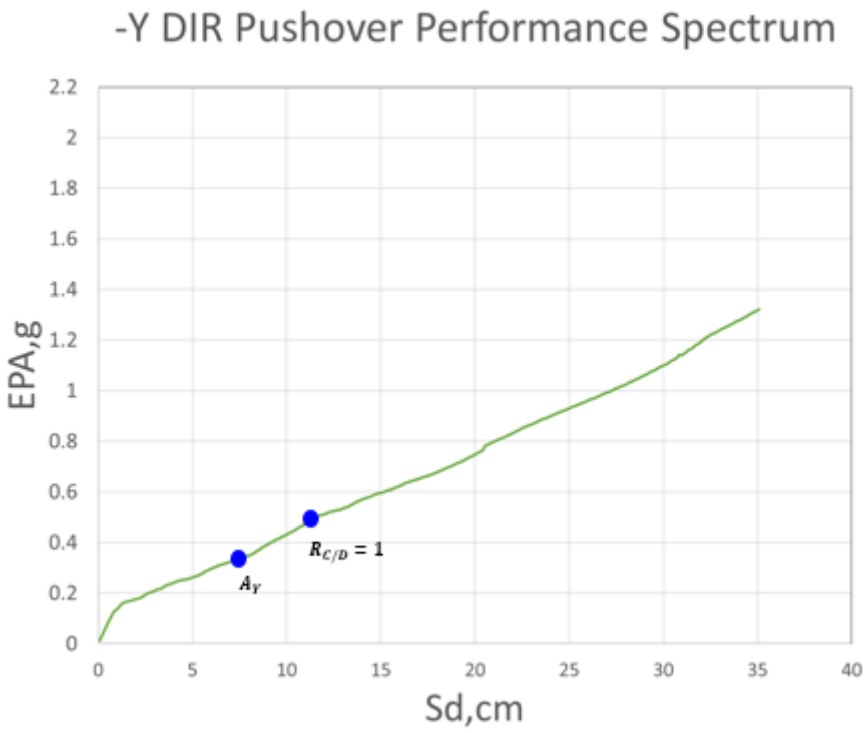


圖 4.4-3 結構負 Y 向之 EPA-Sd 圖

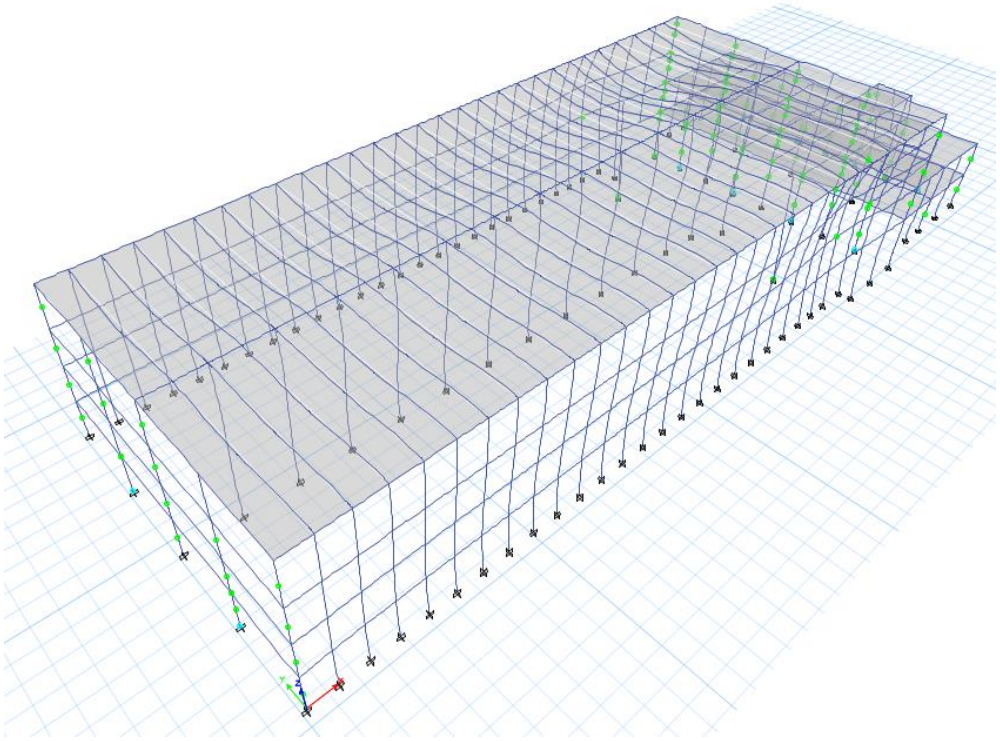


圖 4.4-4 結構負 Y 向 0.505g($R_{C/D}$=1)點之塑鉸發展情形

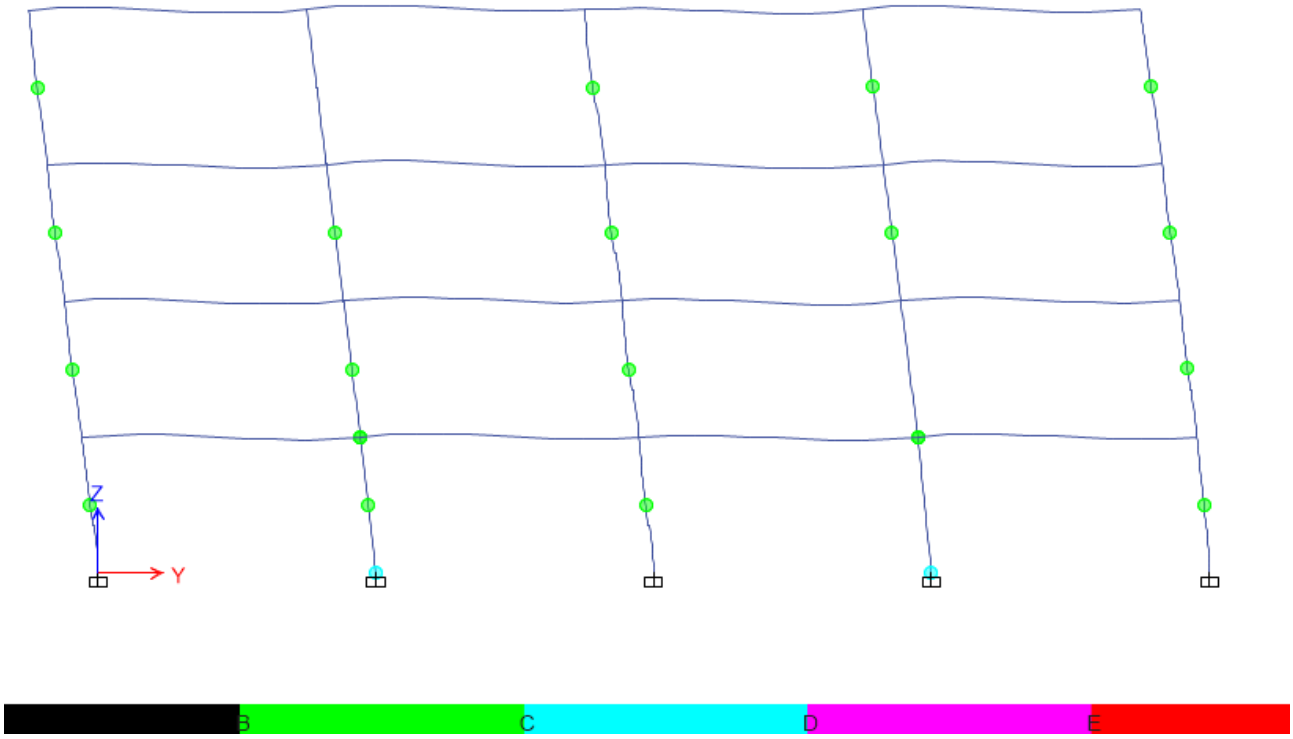


圖 4.4-5 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 1)

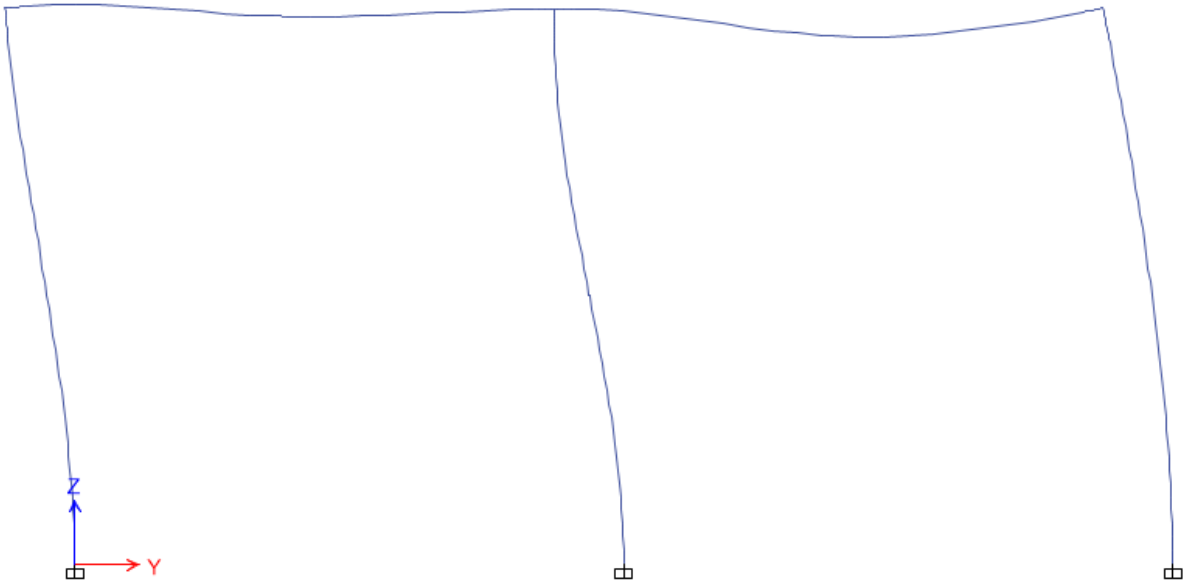


圖 4.4-6 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 2)

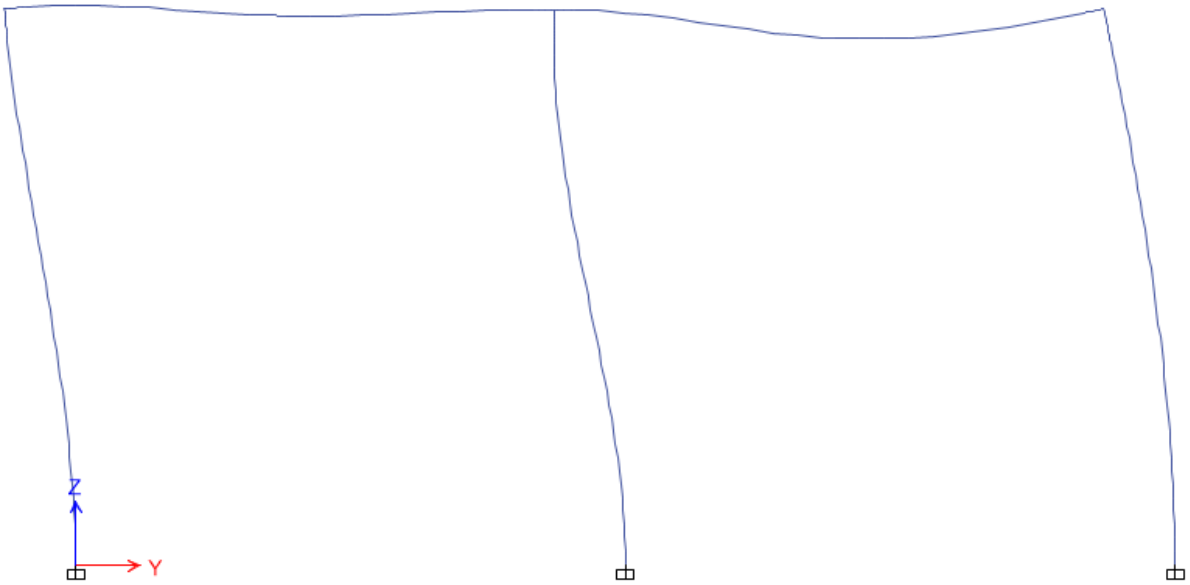


圖 4.4-7 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 3)

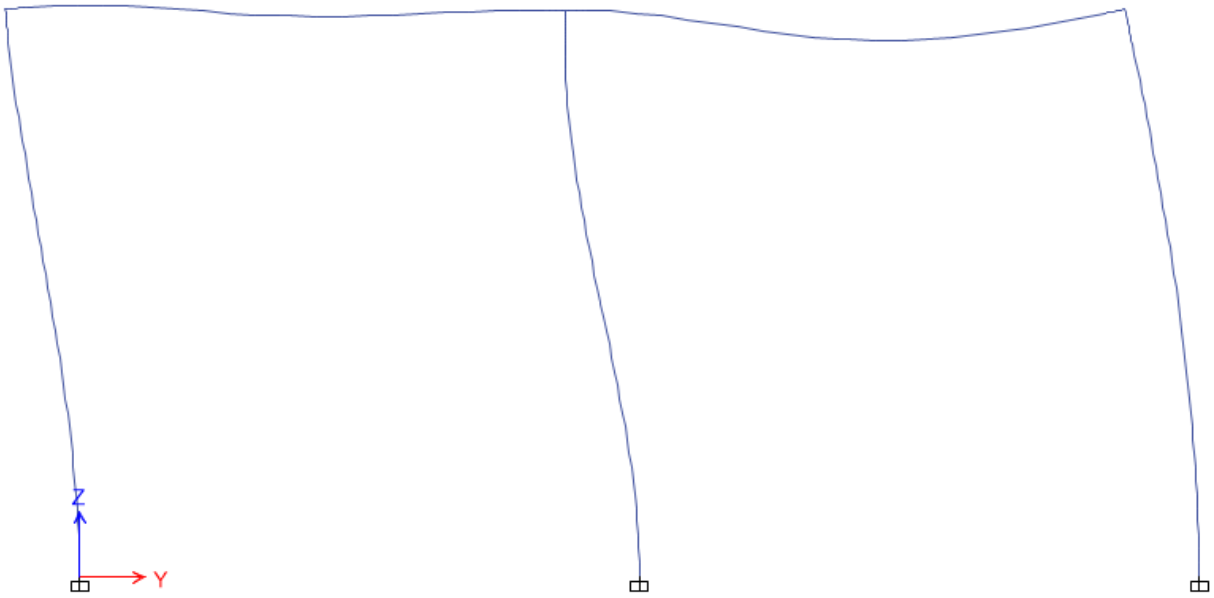


圖 4.4-8 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 4)

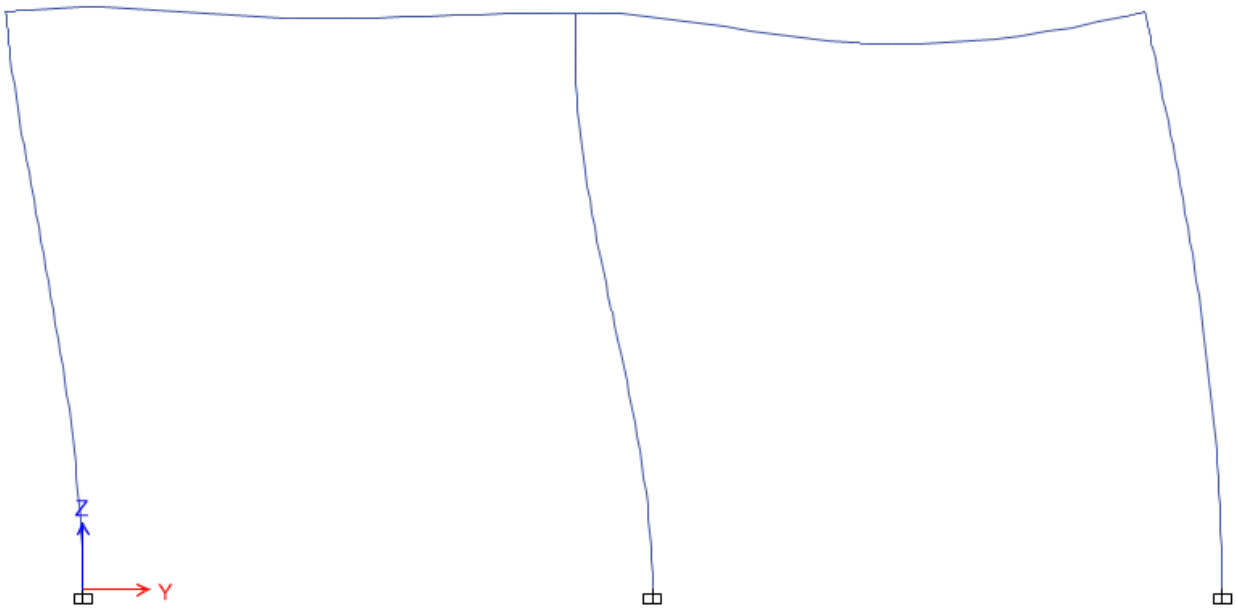


圖 4.4-9 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 5)

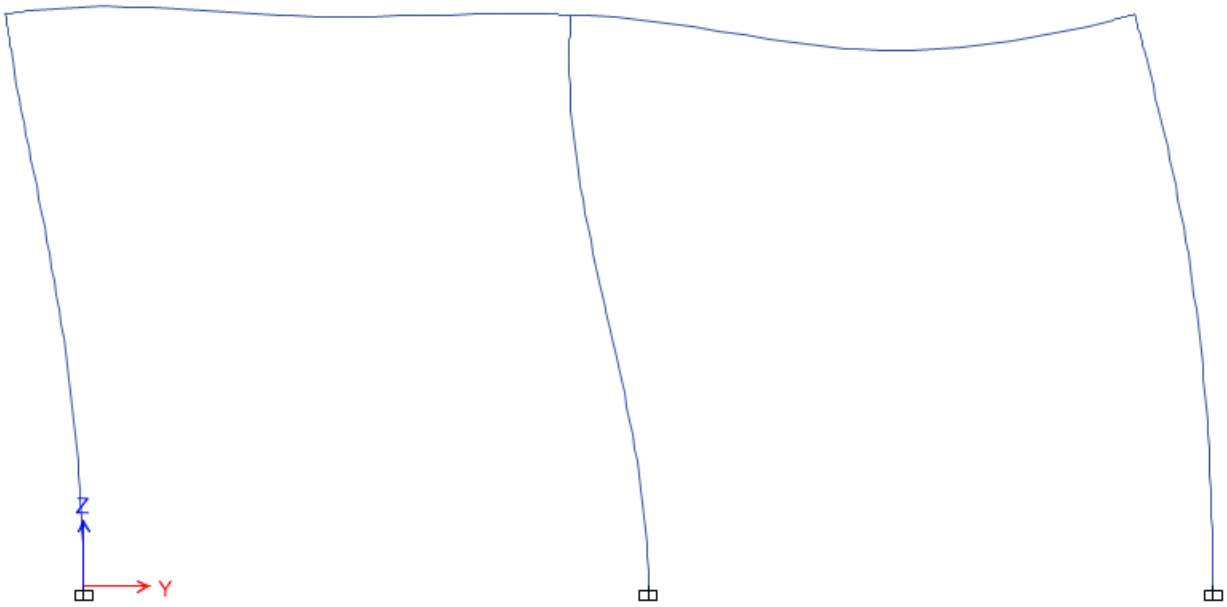


圖 4.4-10 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 6)

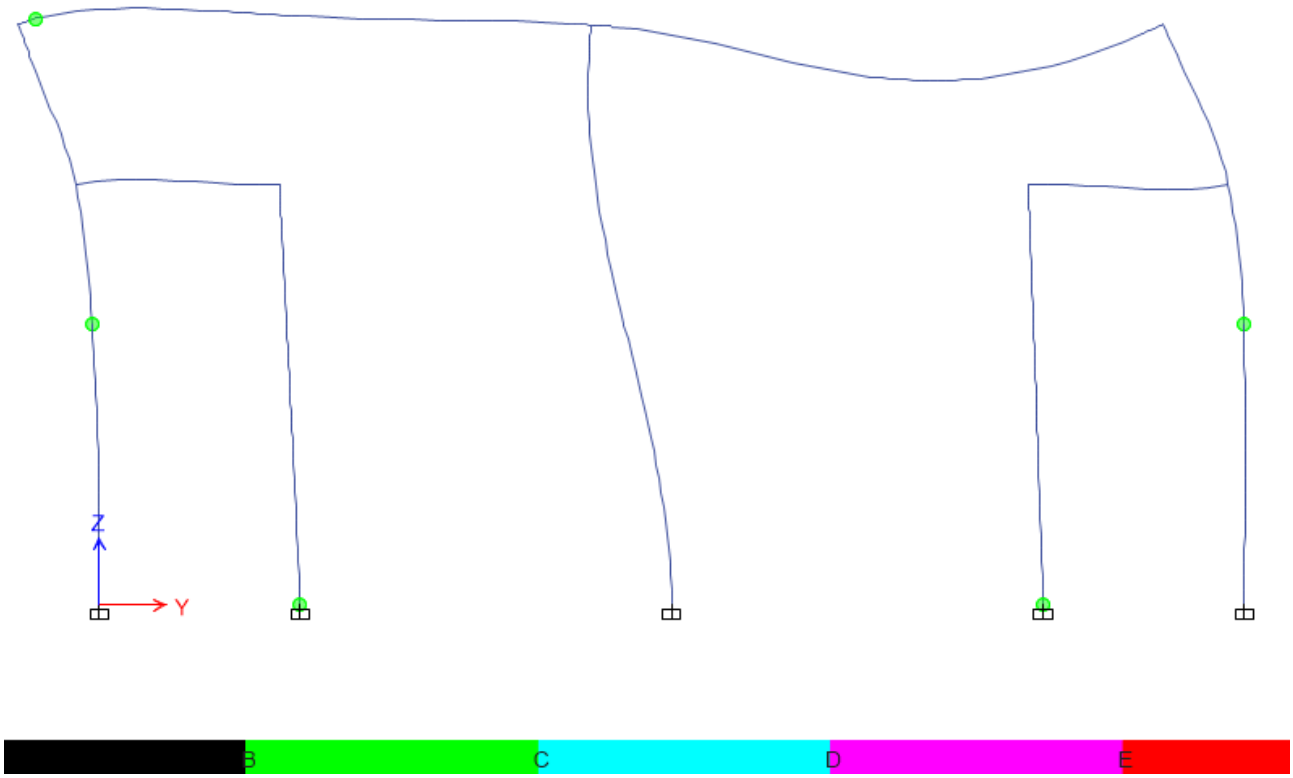


圖 4.4-11 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 7)

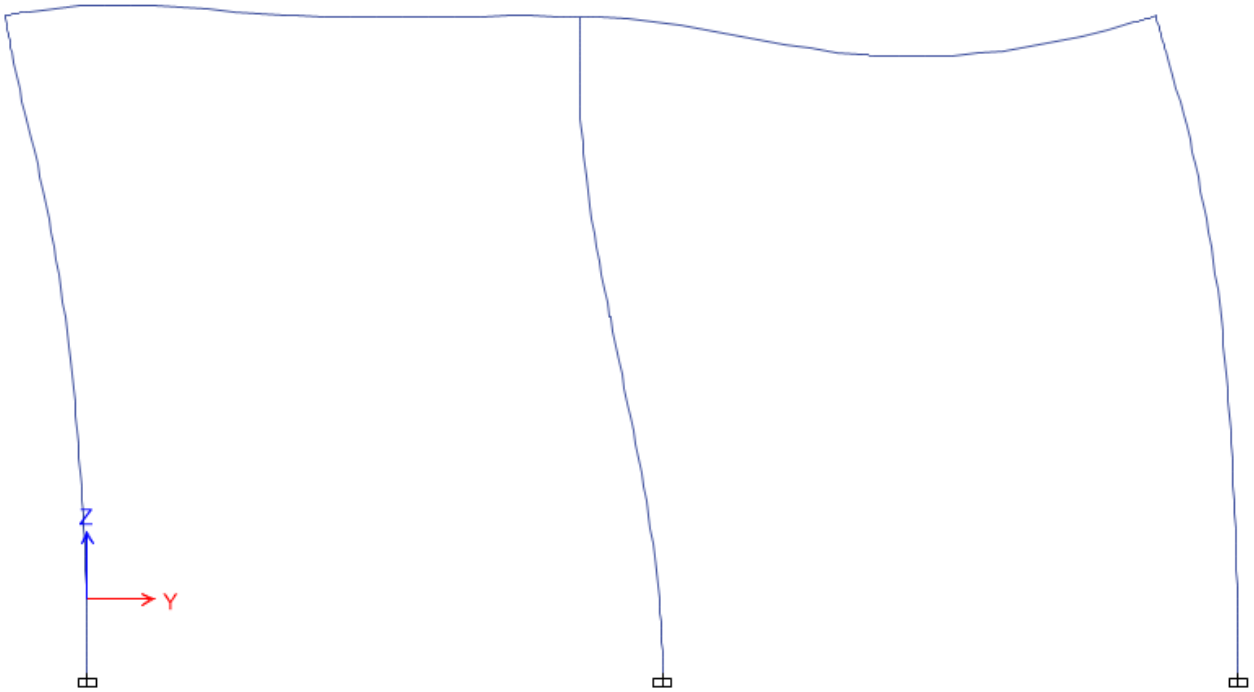


圖 4.4-12 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 8)

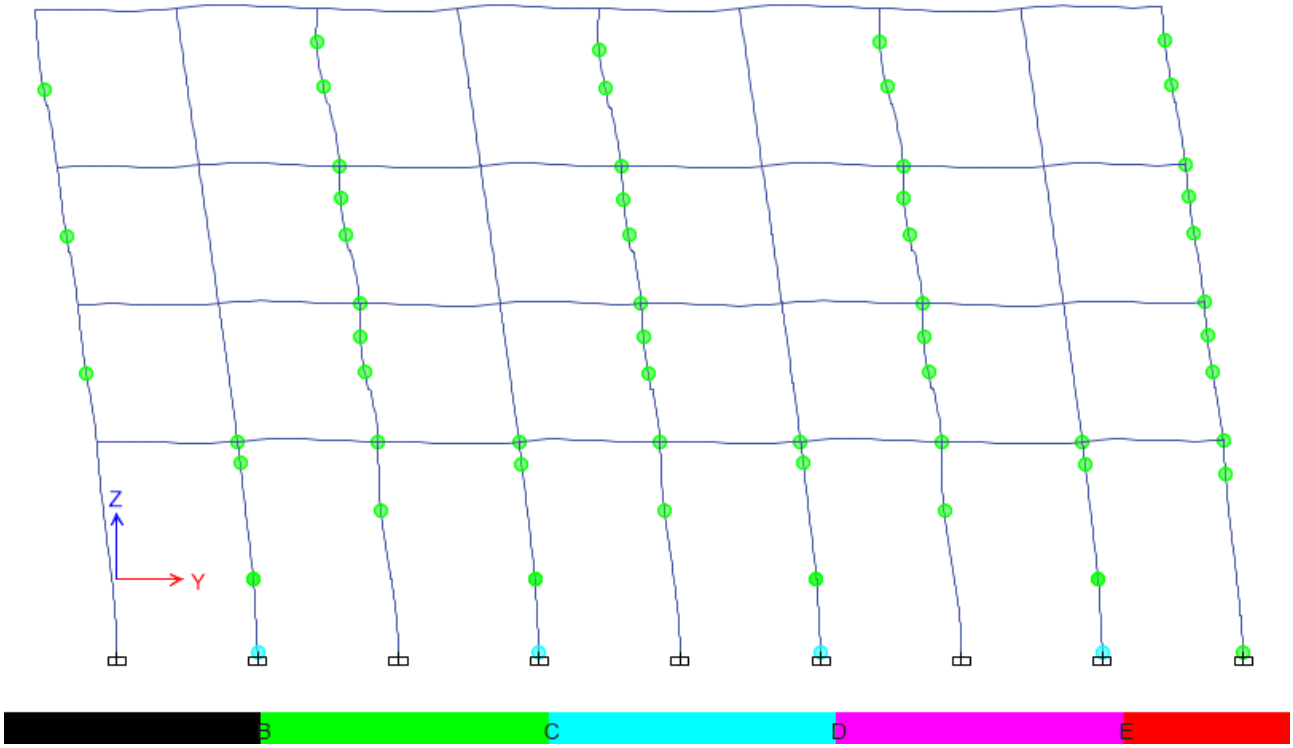


圖 4.4-13 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 9)

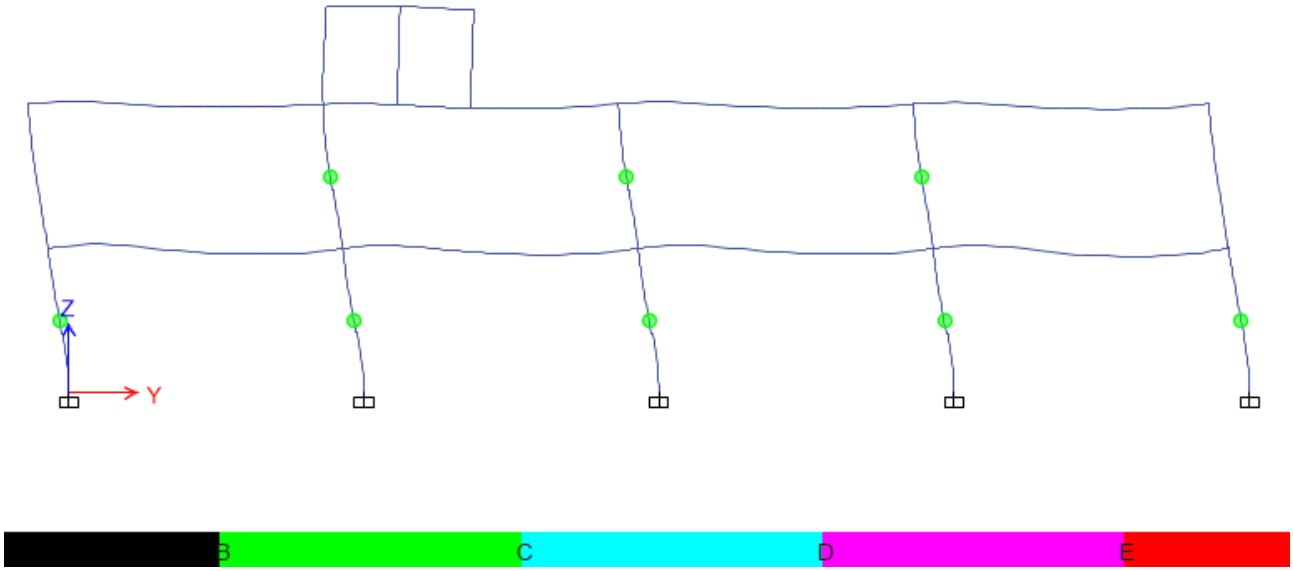


圖 4.4-14 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 10)

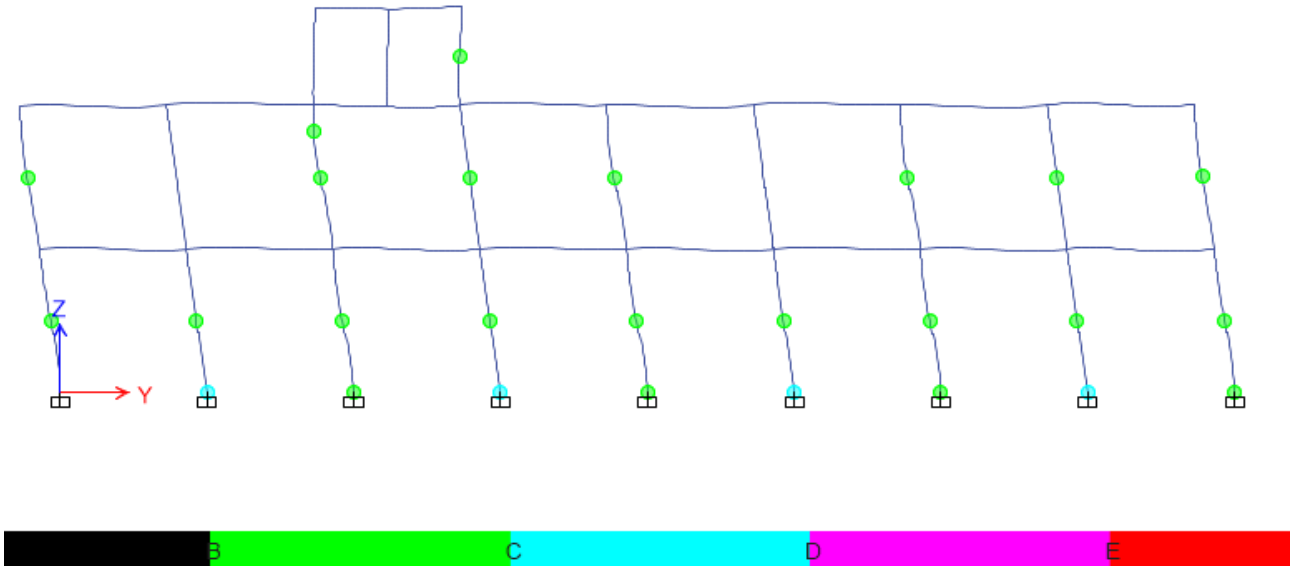


圖 4.4-15 結構負 Y 向於地震 0.505g($R_{C/D}$=1)狀態點之塑鉸發展情形(柱線 11)

第五章 非線性歷時評估分析結果

本案非線性歷時分析之有限元素分析模型同側推分析模型，分析時將 3 組人造地震輸入模型底層進行，並同時考慮三方向地震同時作用，而分析結果如表 5-1 所示。另外，三組地震作用下，結構桿件塑鉸發展情形如圖 5.1-1~圖 5.1-45。

由非線性歷時分析結果顯示，於三組地震歷時作用下，結構之最大層間變位角約 0.15%，其遠小於一般對於結構物要求之 0.5%，且由結構各桿件塑鉸發展情形可知，在需求地震強度(ZPA=0.505g)作用下，產生塑鉸之桿件皆僅達到塑性爬升段(B-C 階段)，結構整體構建尚保持完整，故結構安全並無疑慮。

表 5.1 非線性歷時分析結果

地震	最大層間變位角 (%)	最大基底剪力 (tf)
TCO078	X 向：0.13 Y 向：0.12	X 向：19003 Y 向：19426
TCU079	X 向：0.15 Y 向：0.14	X 向：19124 Y 向：19463
CYH087	X 向：0.14 Y 向：0.11	X 向：23113 Y 向：22814

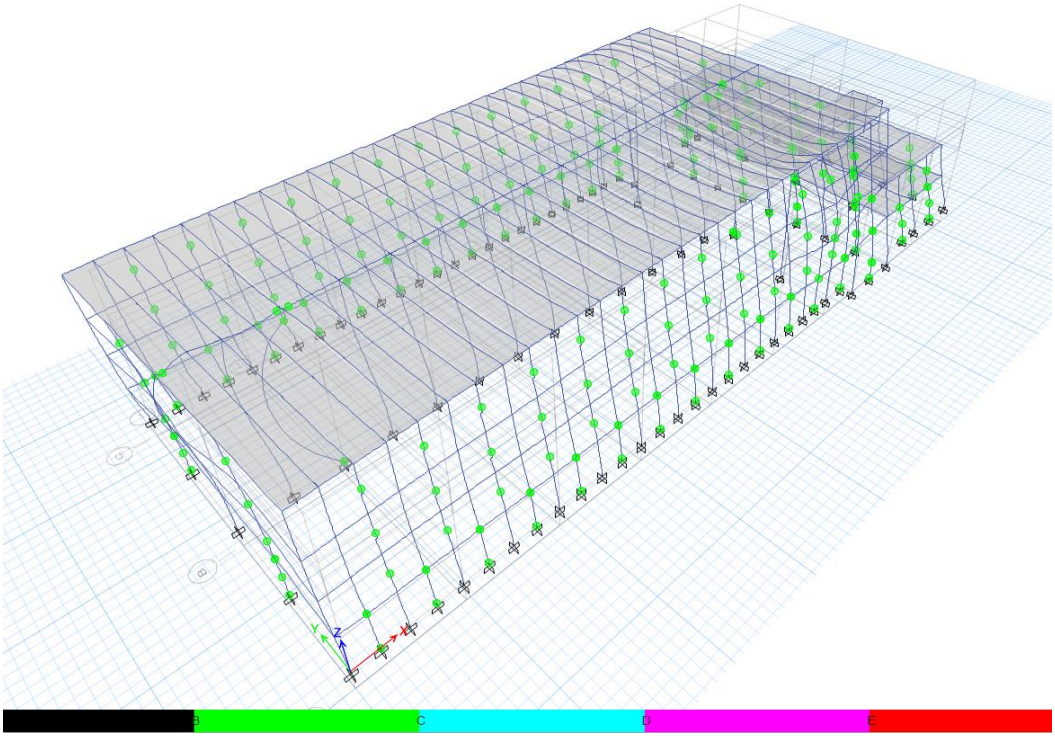


圖 5.1-1 TCU078 人造地震作用下塑鉸發展情形

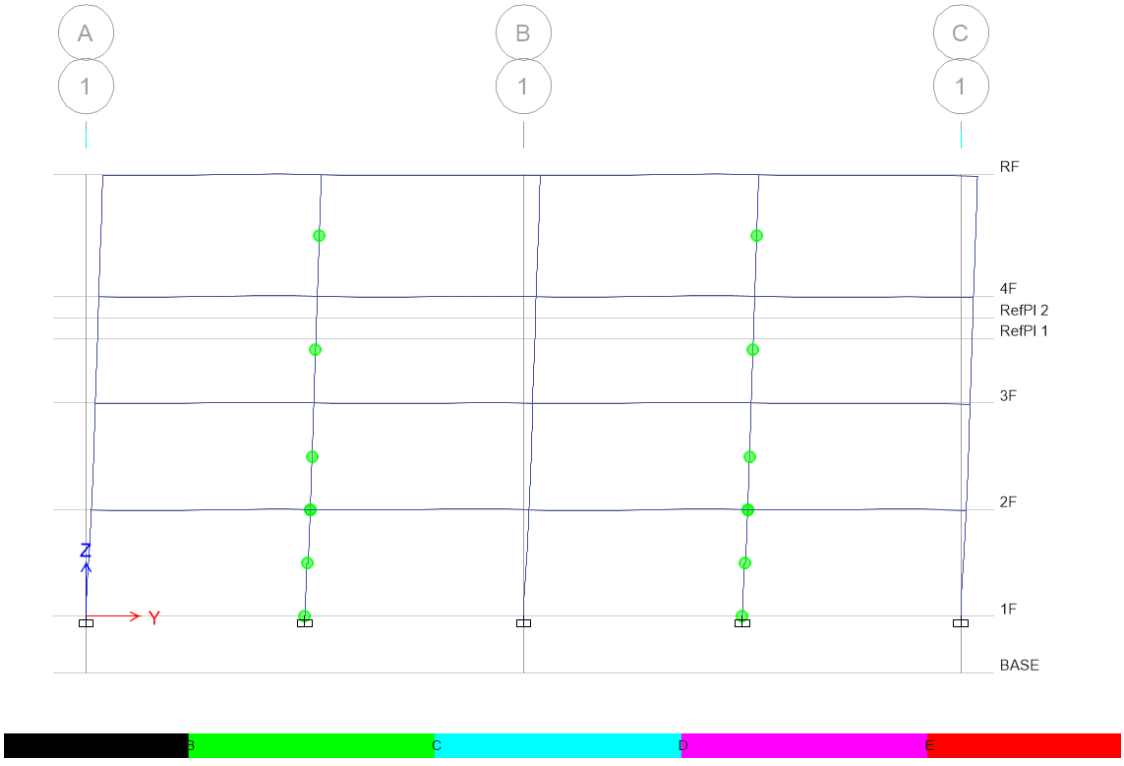


圖 5.1-2 TCU078 人造地震作用下塑鉸發展情形(柱線 1)

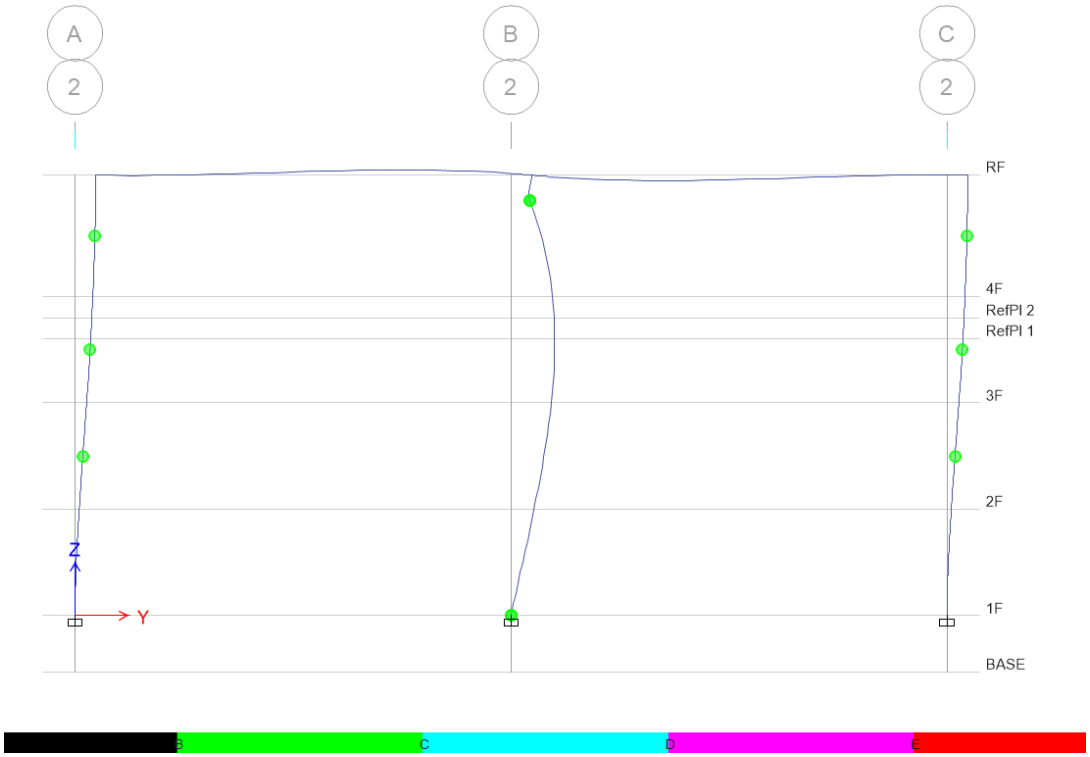


圖 5.1-3 TCU078 人造地震作用下塑鉸發展情形(柱線 2)

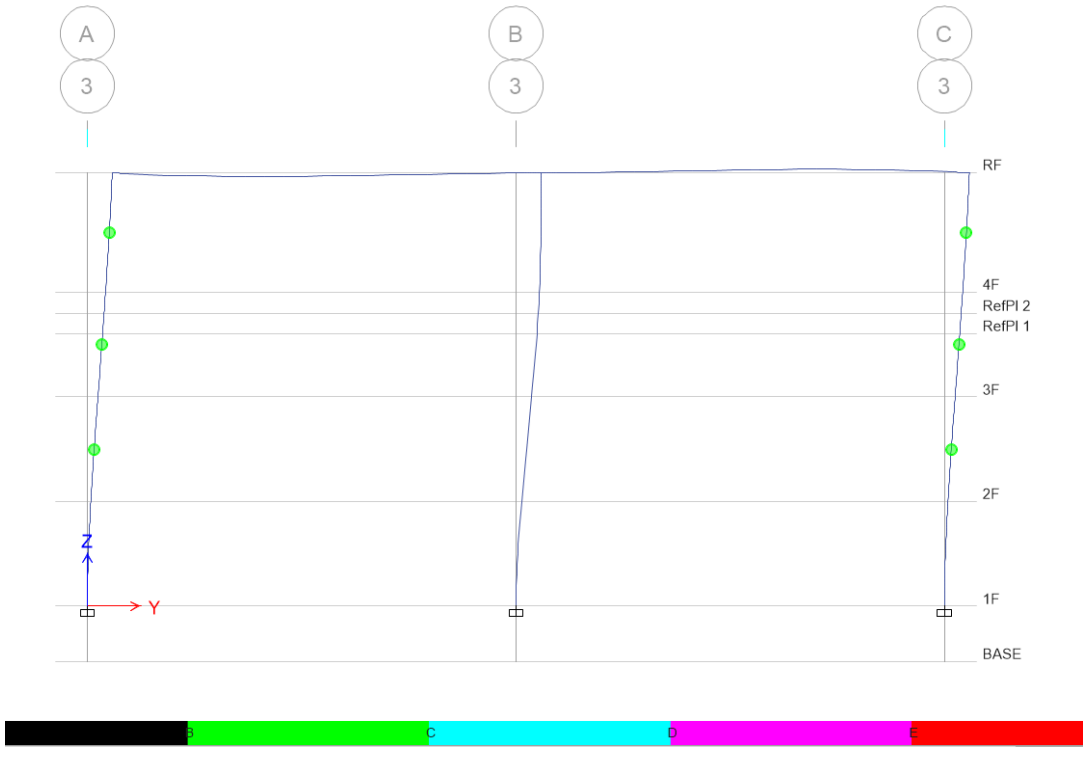


圖 5.1-4 TCU078 人造地震作用下塑鉸發展情形(柱線 3)



圖 5.1-5 TCU078 人造地震作用下塑鉸發展情形(柱線 4)

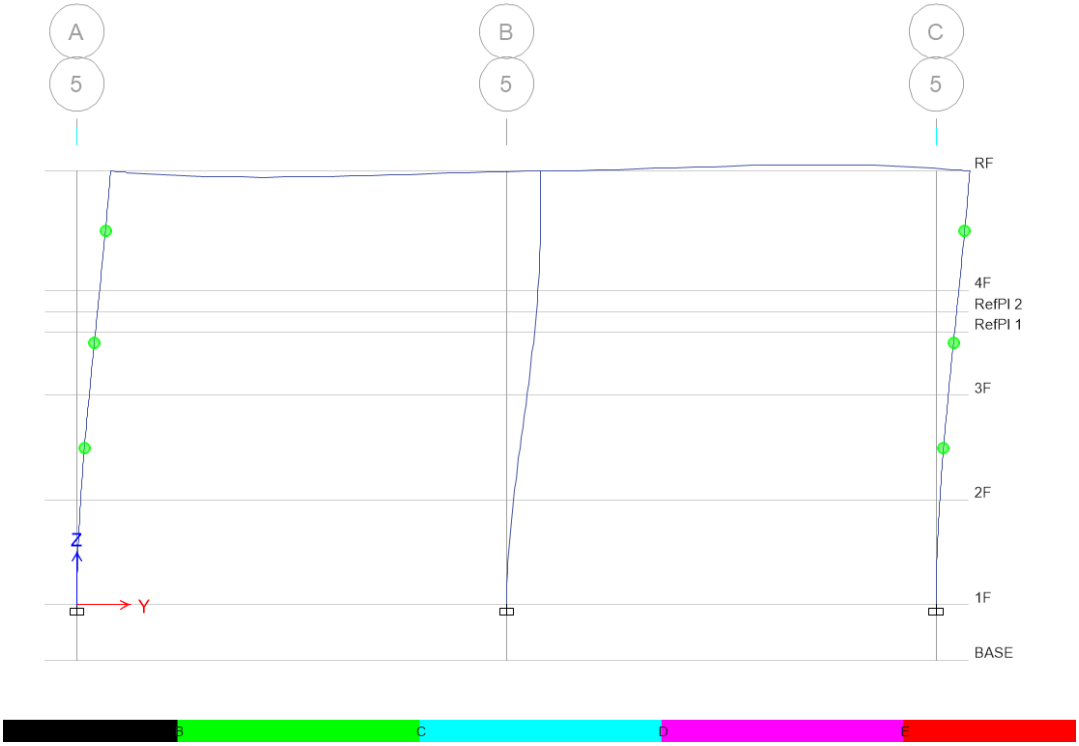


圖 5.1-6 TCU078 人造地震作用下塑鉸發展情形(柱線 5)

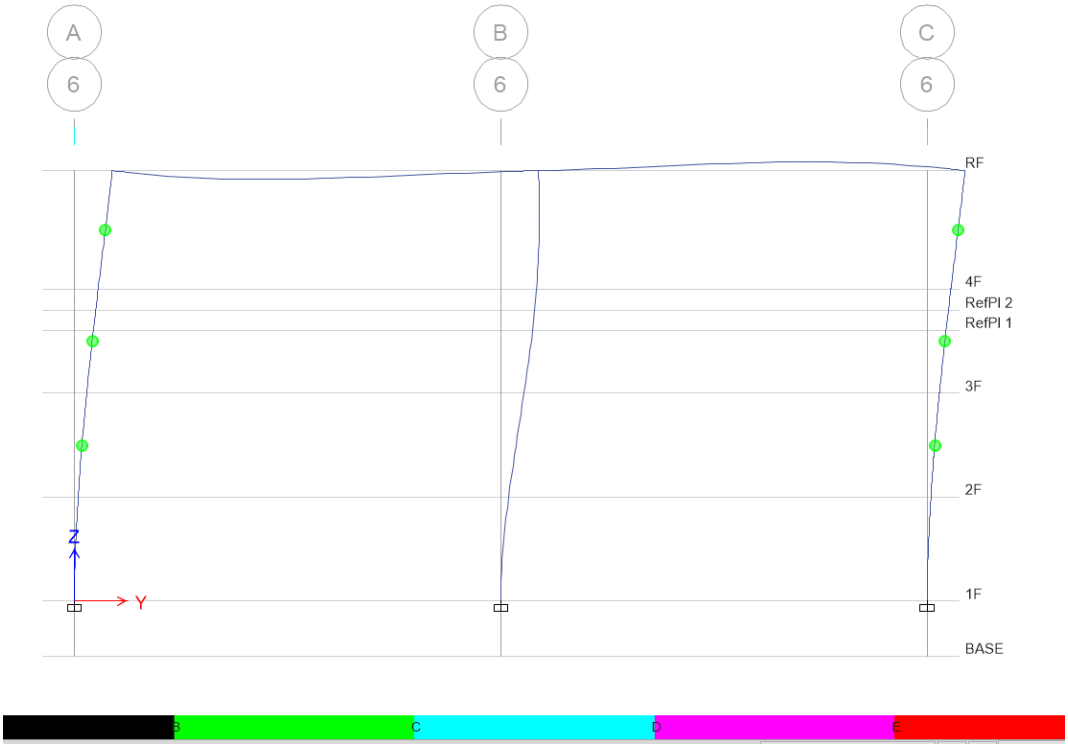


圖 5.1-7 TCU078 人造地震作用下塑鉸發展情形(柱線 6)

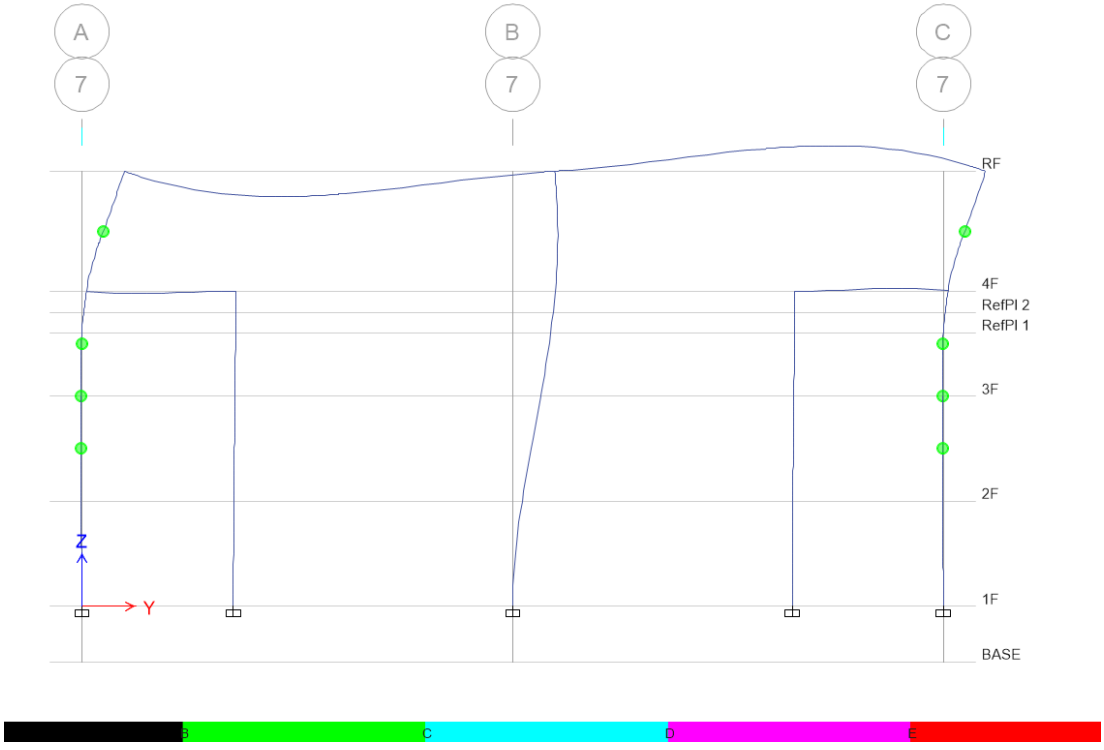


圖 5.1-8 TCU078 人造地震作用下塑鉸發展情形(柱線 7)

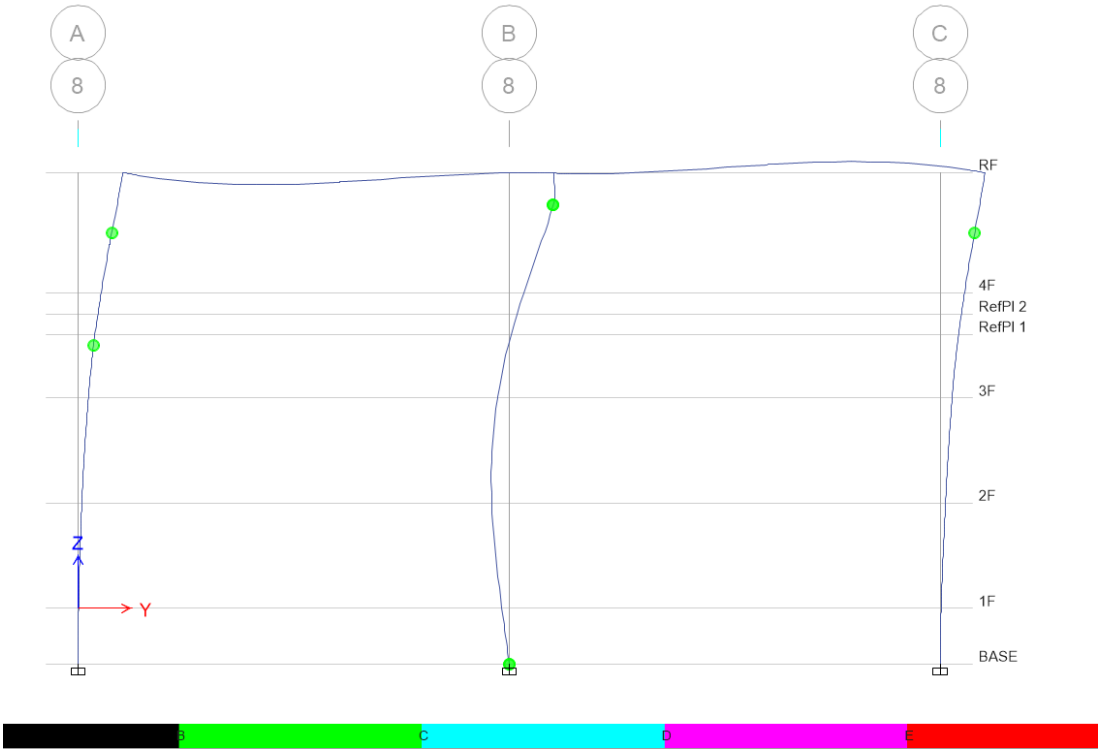


圖 5.1-9 TCU078 人造地震作用下塑鉸發展情形(柱線 8)

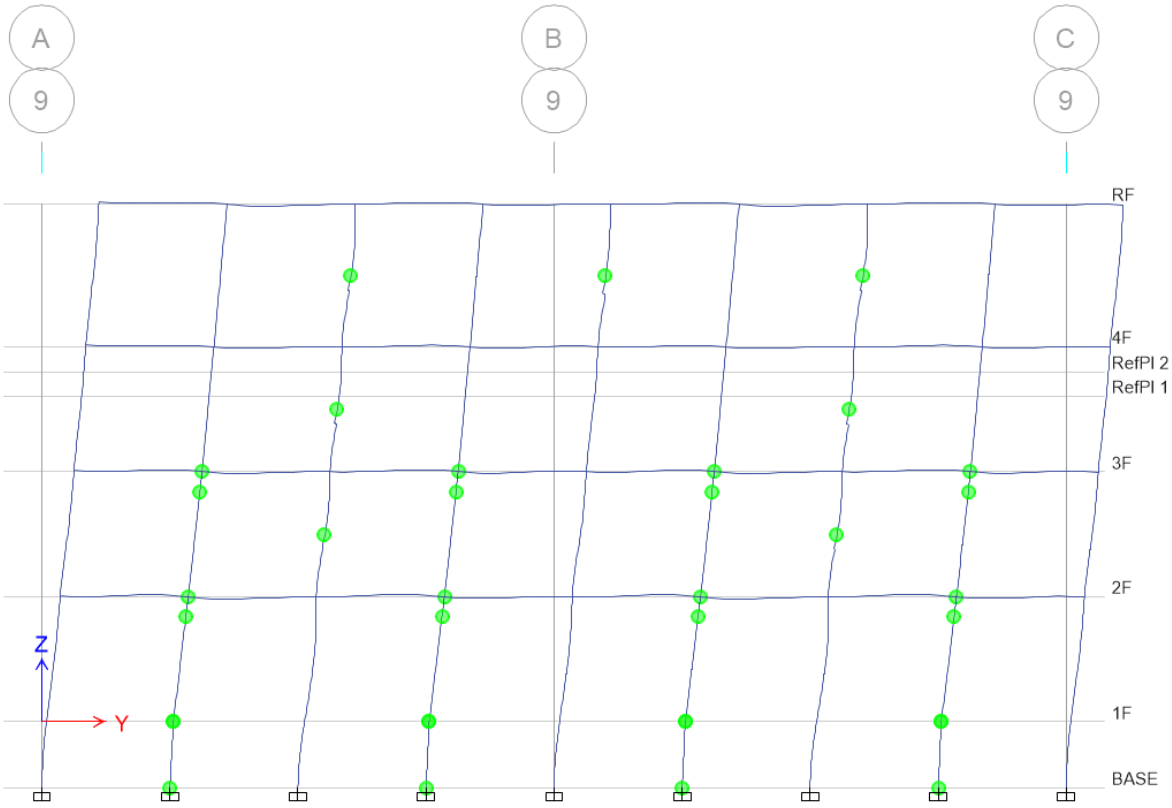


圖 5.1-10 TCU078 人造地震作用下塑鉸發展情形(柱線 9)

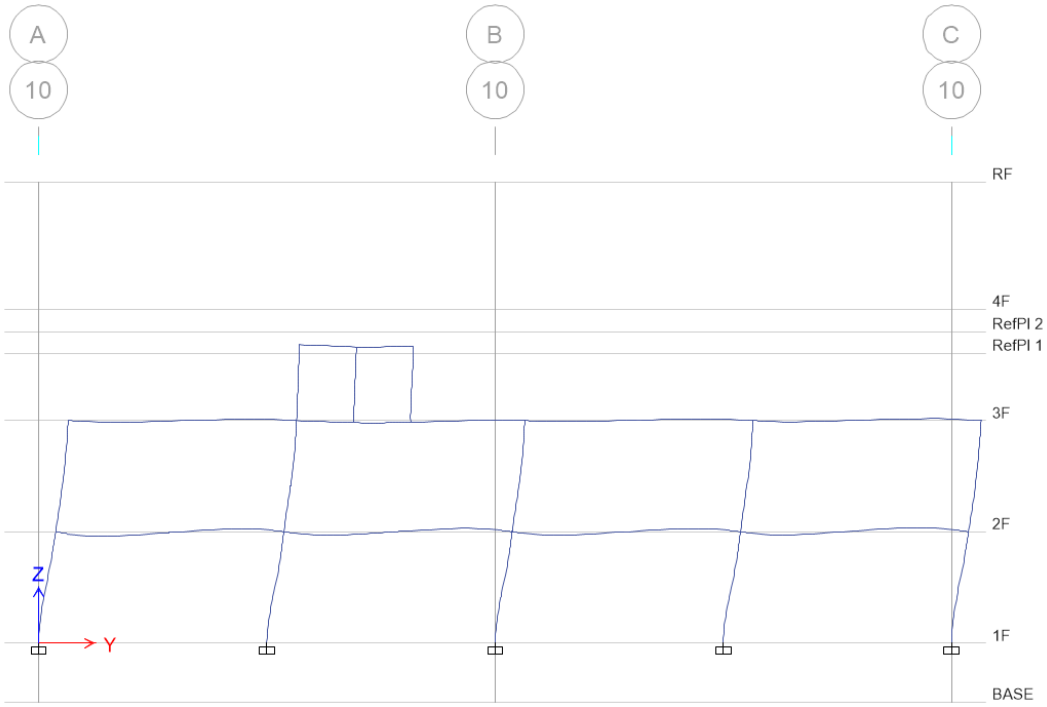


圖 5.1-11 TCU078 人造地震作用下塑鉸發展情形(柱線 10)

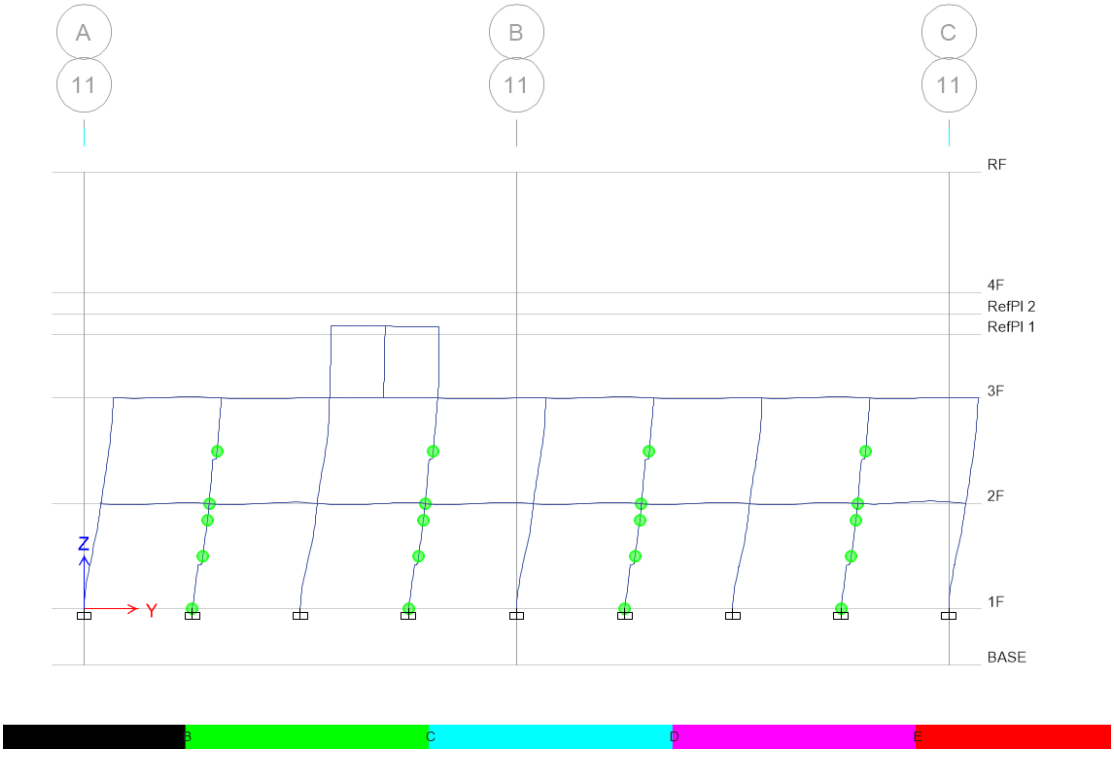


圖 5.1-12 TCU078 人造地震作用下塑鉸發展情形(柱線 11)

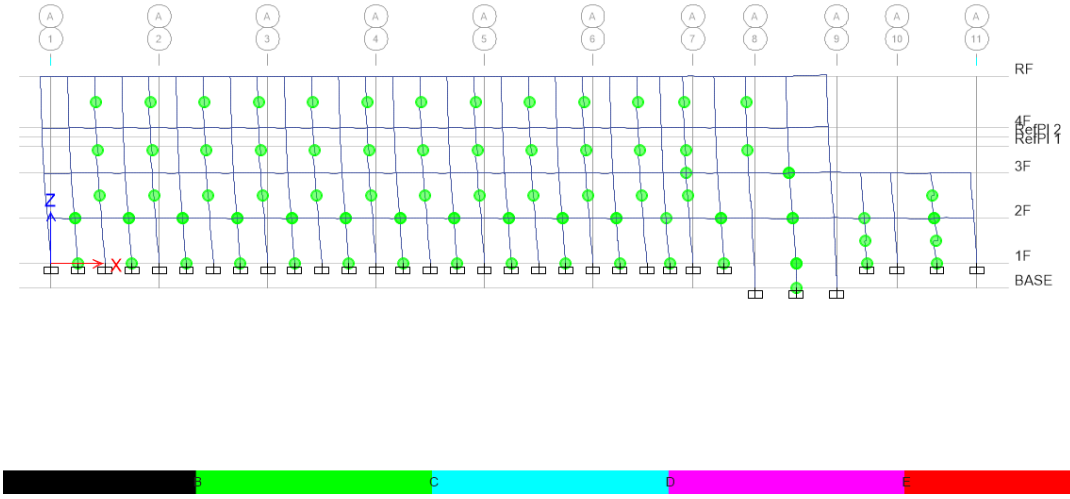


圖 5.1-13 TCU078 人造地震作用下塑鉸發展情形(柱線 A)

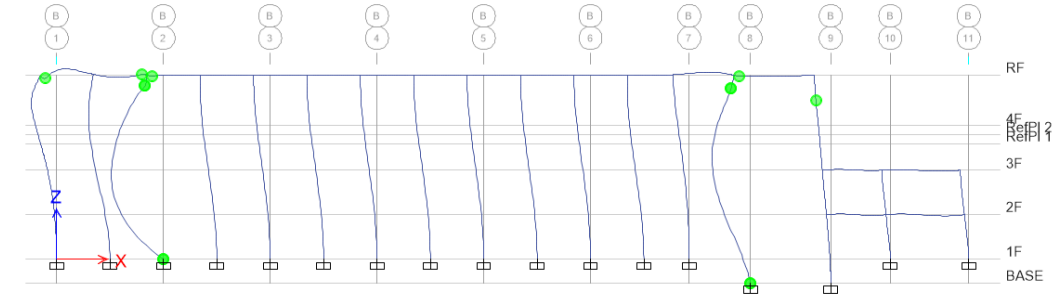


圖 5.1-14 TCU078 人造地震作用下塑鉸發展情形(柱線 B)

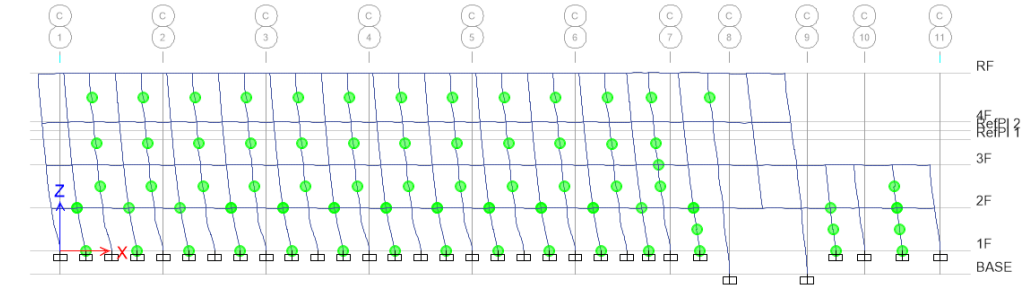


圖 5.1-15 TCU078 人造地震作用下塑鉸發展情形(柱線 C)

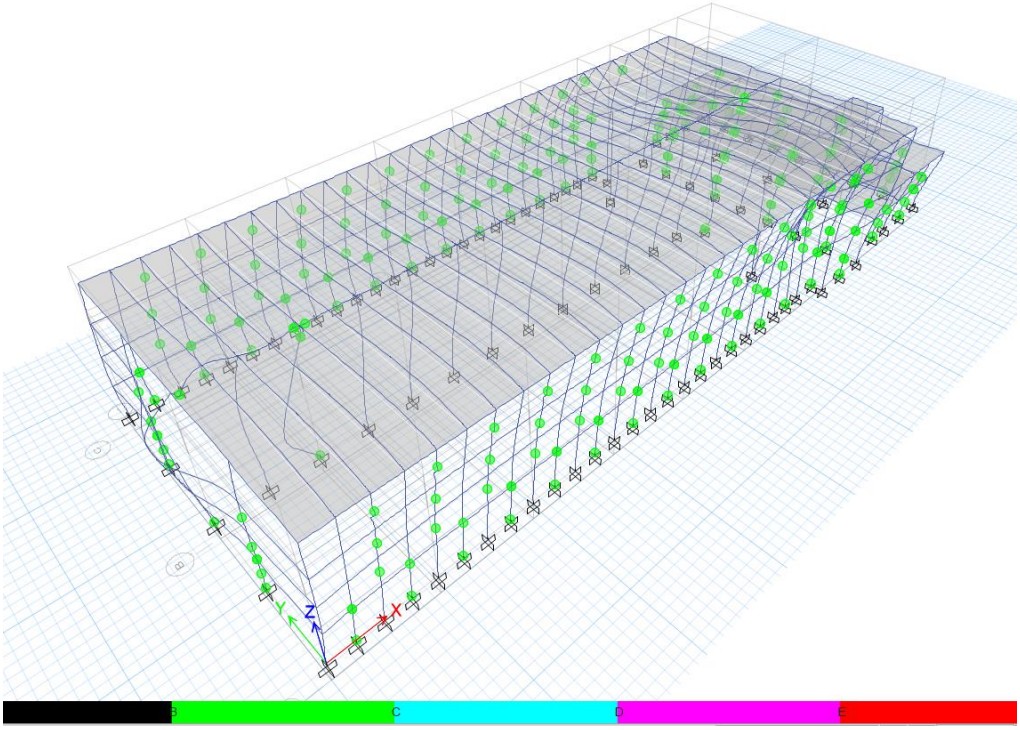


圖 5.1-16 TCU079 人造地震作用下塑鉸發展情形

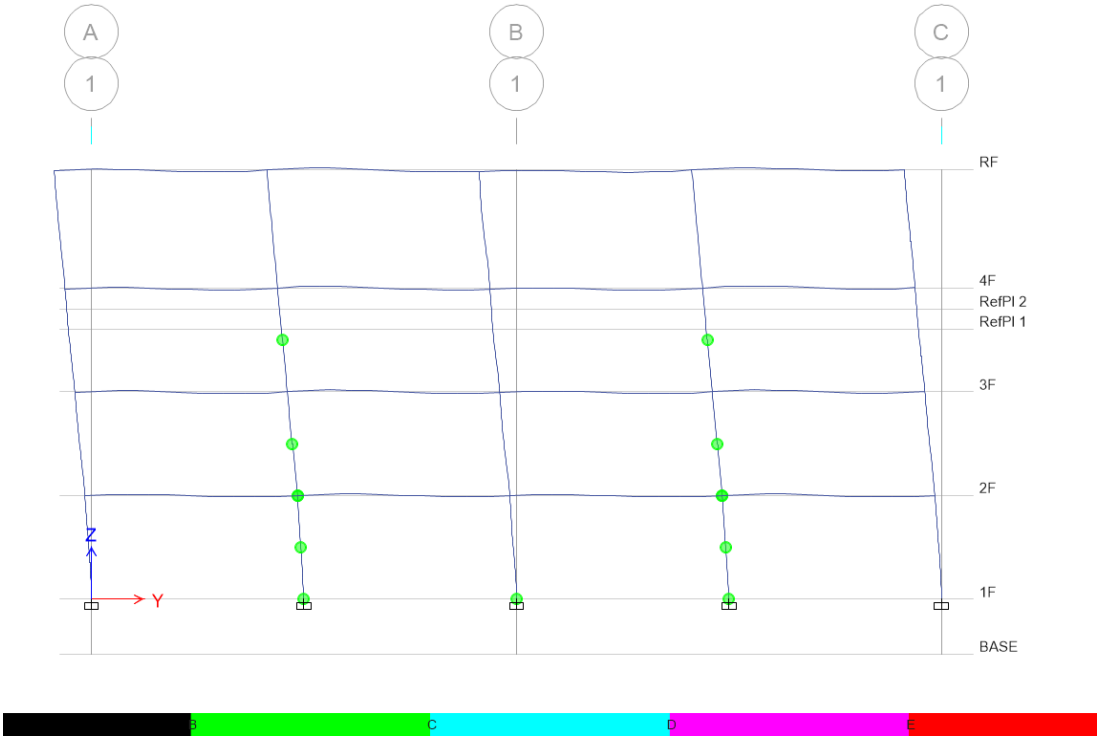


圖 5.1-17 TCU079 人造地震作用下塑鉸發展情形(柱線 1)

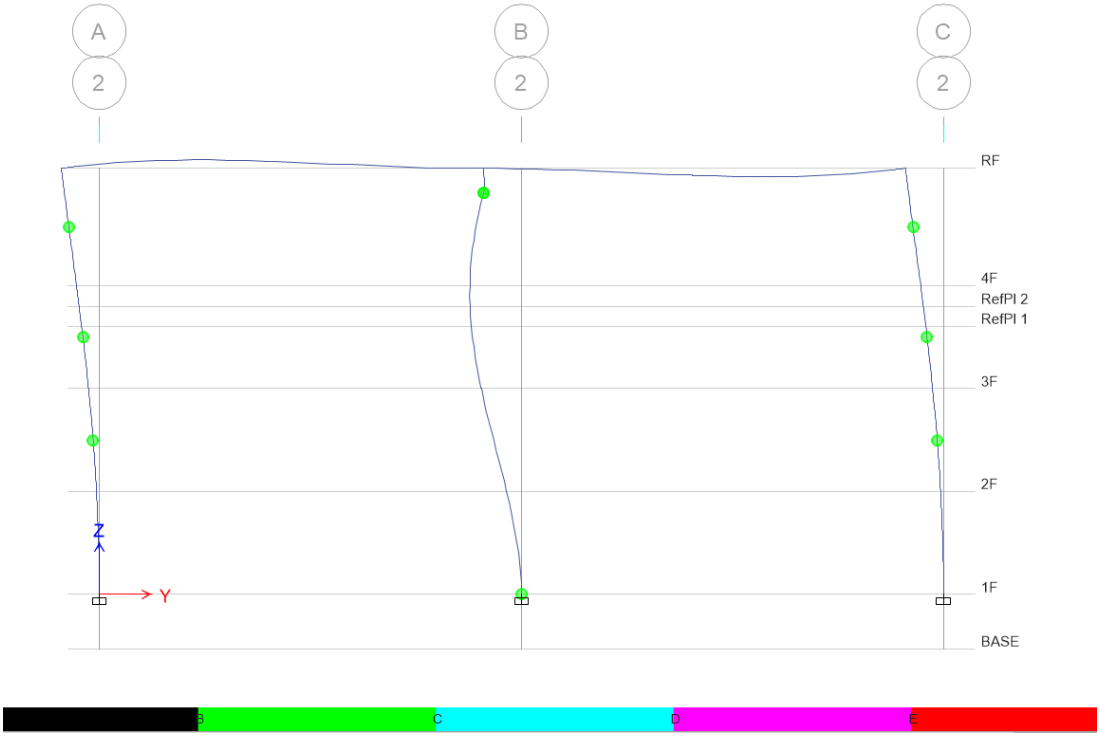


圖 5.1-18 TCU079 人造地震作用下塑鉸發展情形(柱線 2)

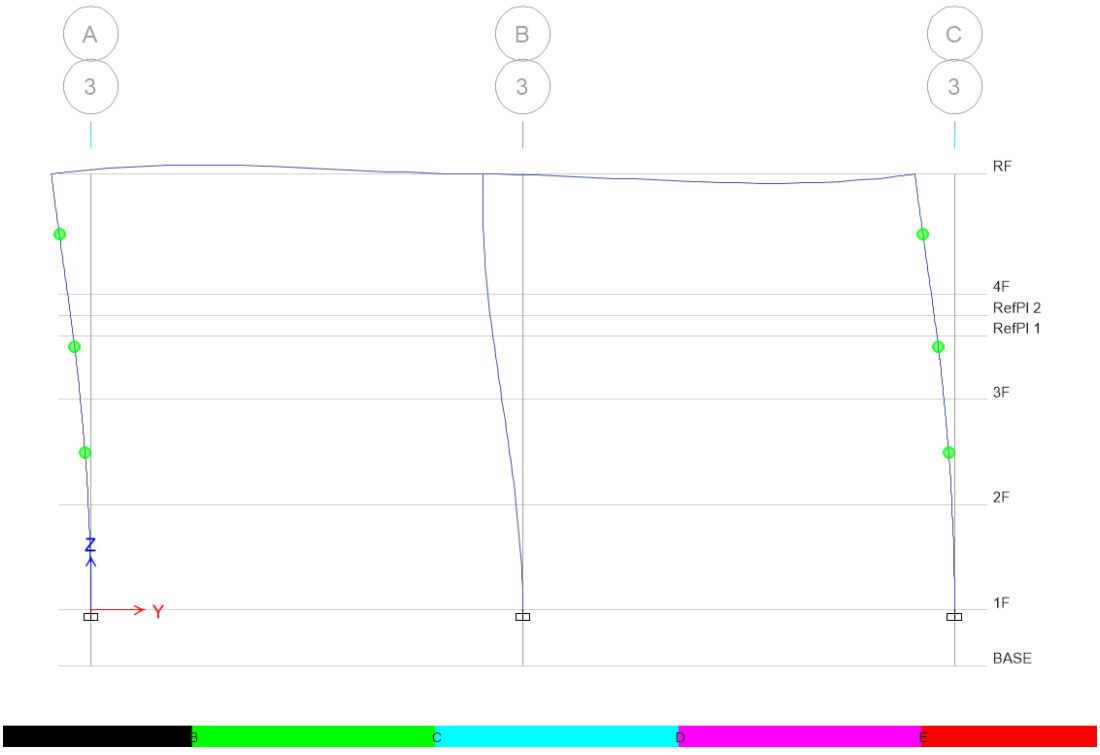


圖 5.1-19 TCU079 人造地震作用下塑鉸發展情形(柱線 3)

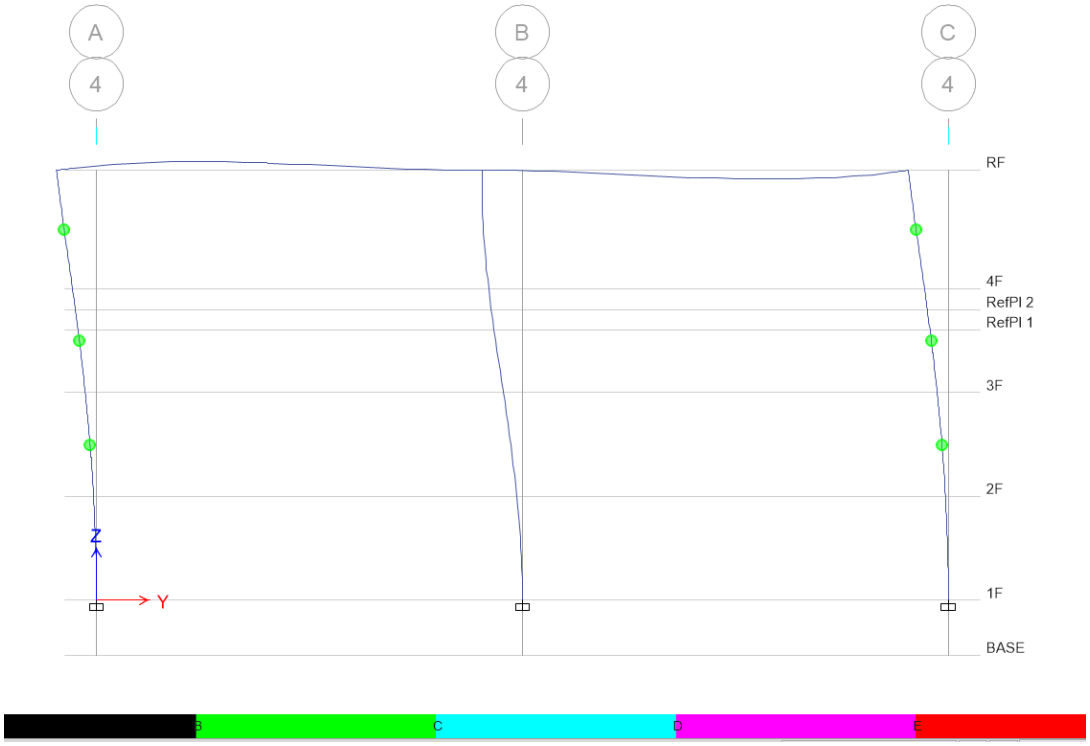


圖 5.1-20 TCU079 人造地震作用下塑鉸發展情形(柱線 4)

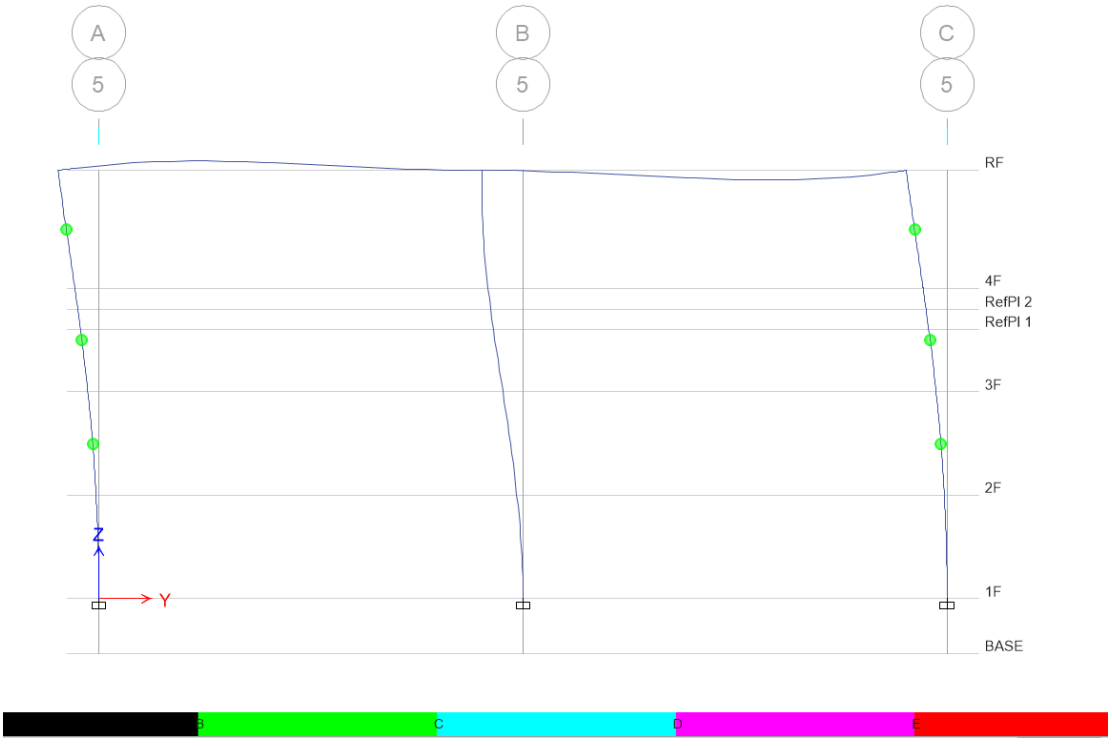


圖 5.1-21 TCU079 人造地震作用下塑鉸發展情形(柱線 5)

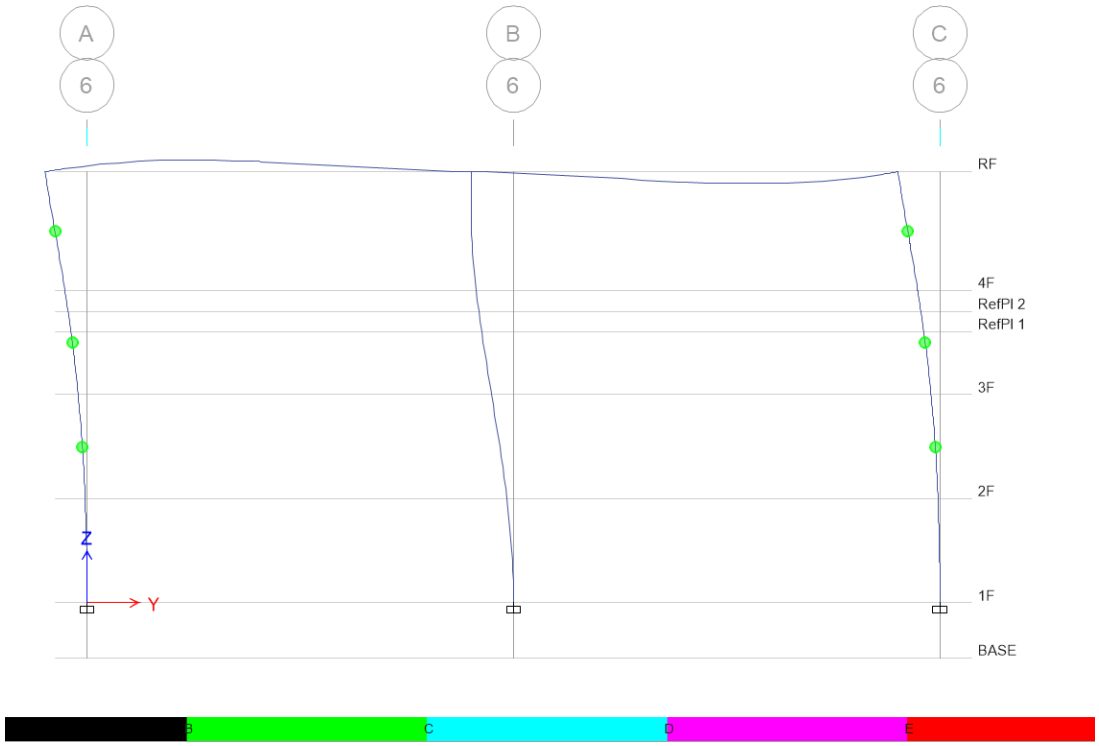


圖 5.1-22 TCU079 人造地震作用下塑鉸發展情形(柱線 6)

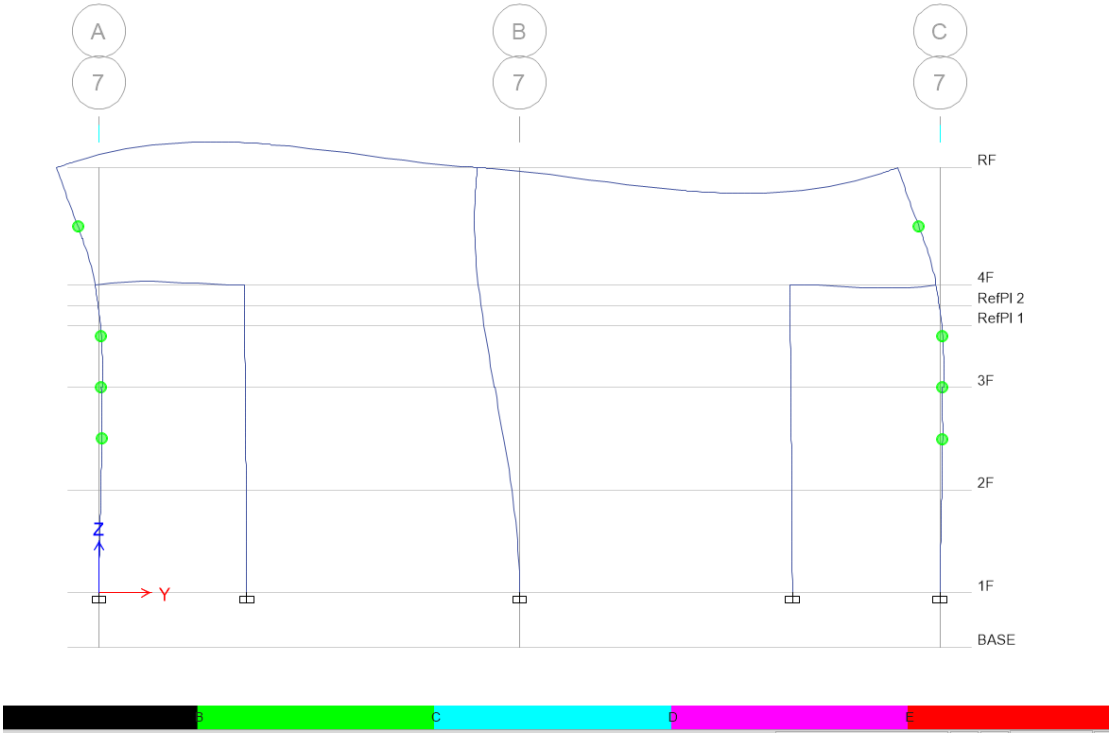


圖 5.1-23 TCU079 人造地震作用下塑鉸發展情形(柱線 7)

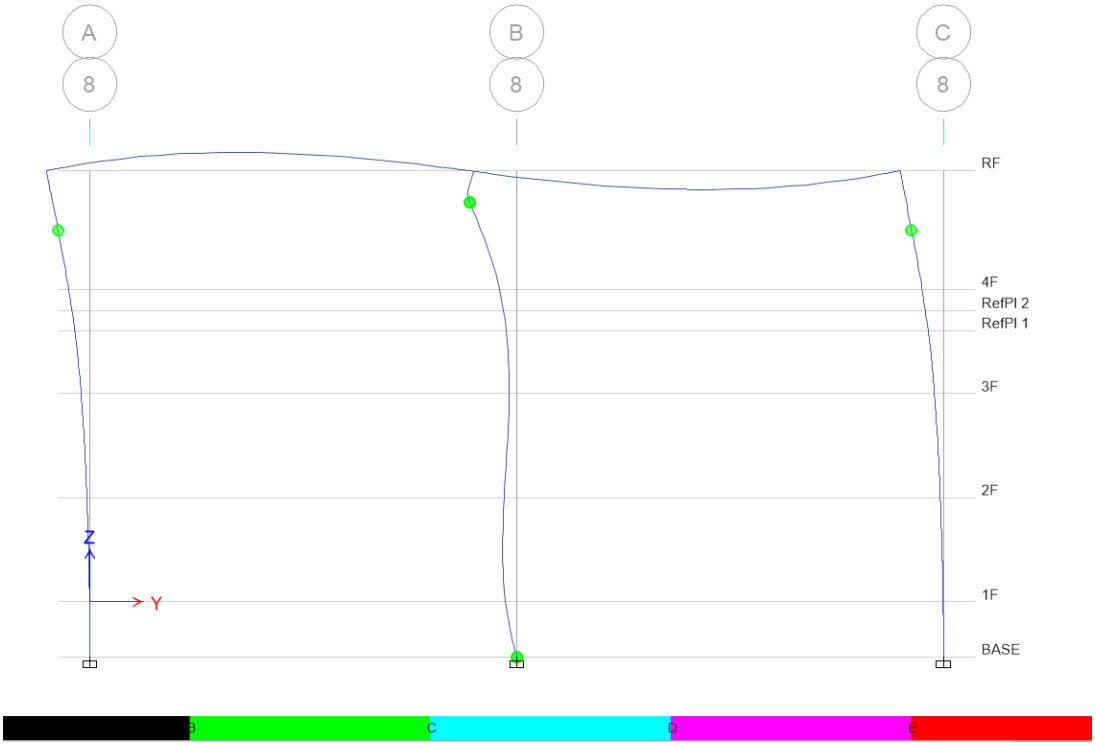


圖 5.1-24 TCU079 人造地震作用下塑鉸發展情形(柱線 8)

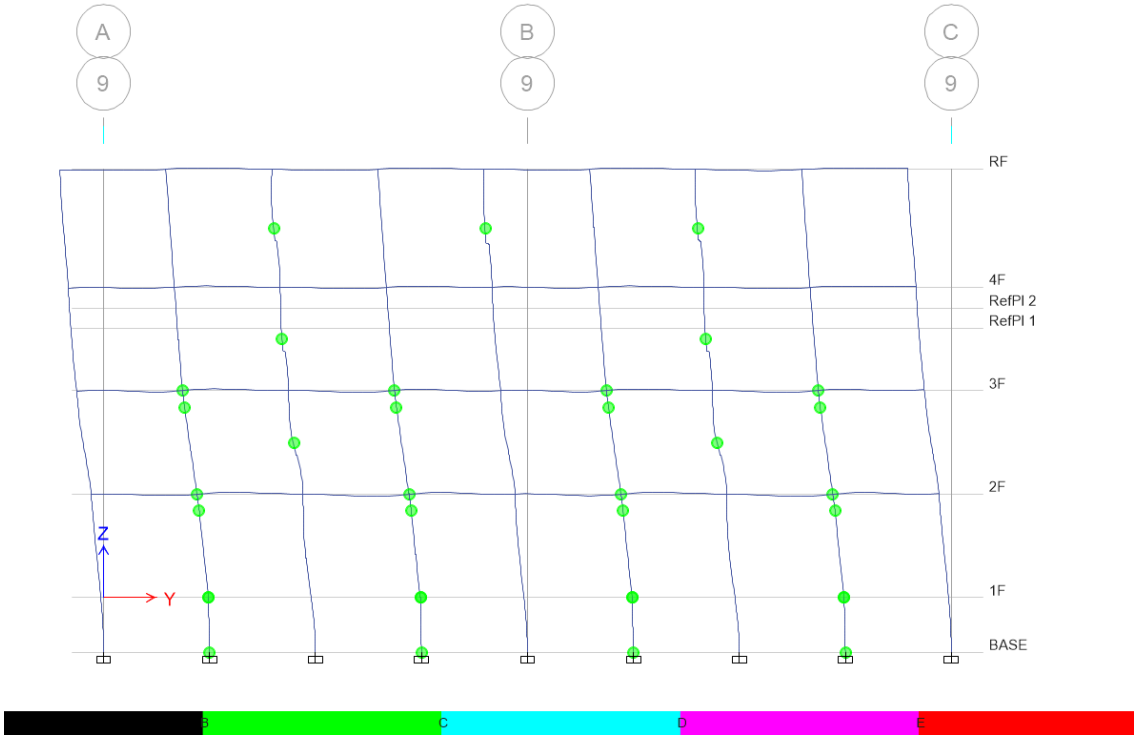


圖 5.1-25 TCU079 人造地震作用下塑鉸發展情形(柱線 9)

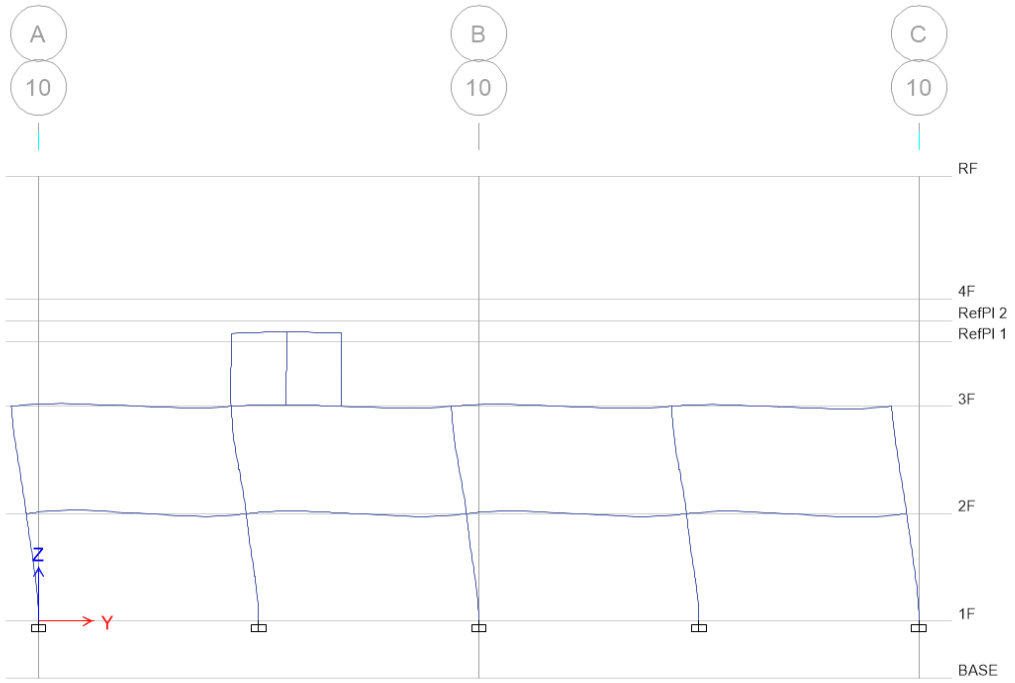


圖 5.1-26 TCU079 人造地震作用下塑鉸發展情形(柱線 10)

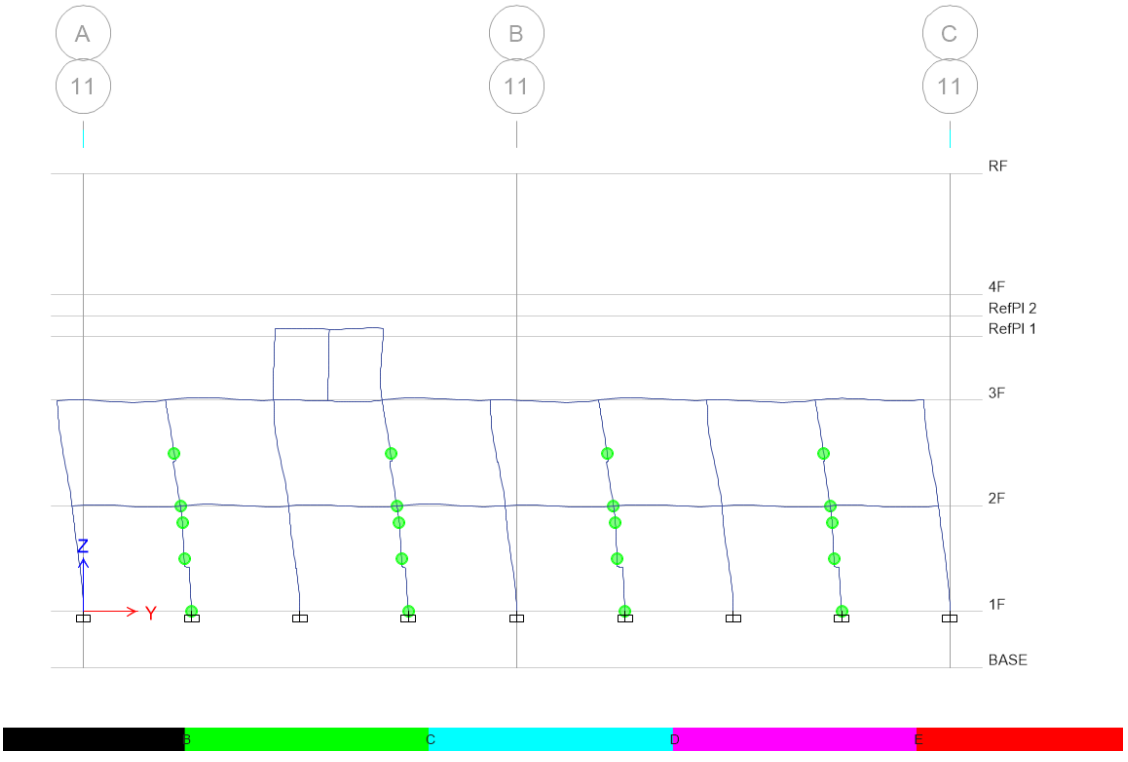


圖 5.1-27 TCU079 人造地震作用下塑鉸發展情形(柱線 11)

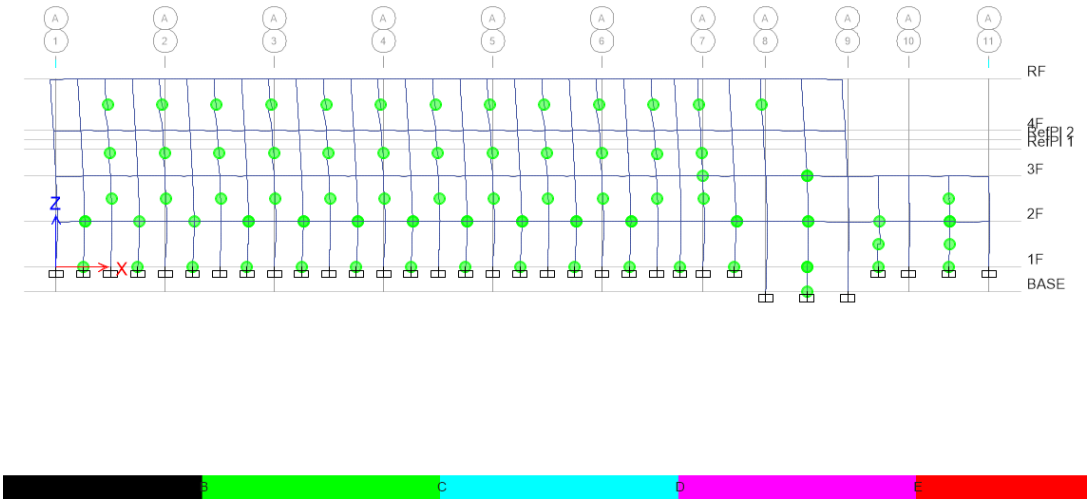


圖 5.1-28 TCU079 人造地震作用下塑鉸發展情形(柱線 A)

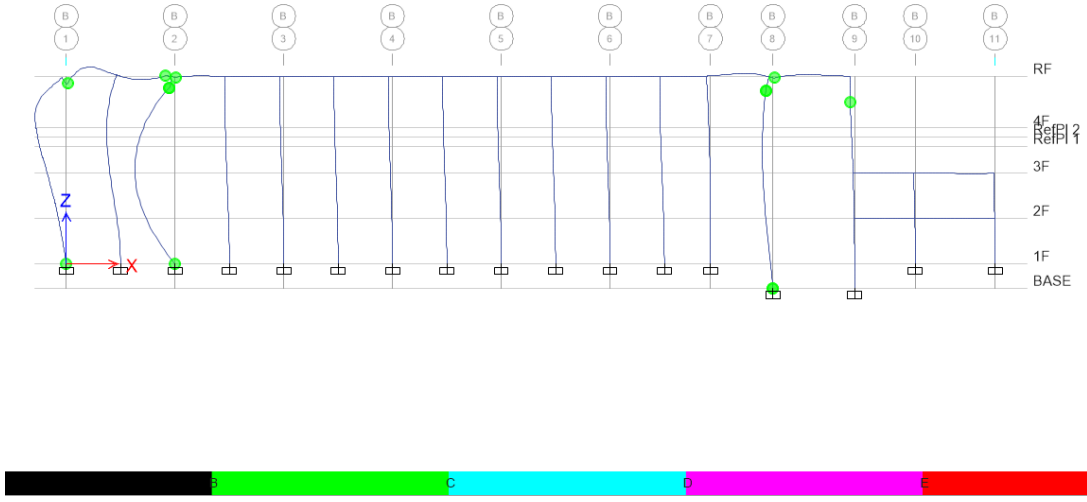


圖 5.1-29 TCU079 人造地震作用下塑鉸發展情形(柱線 B)

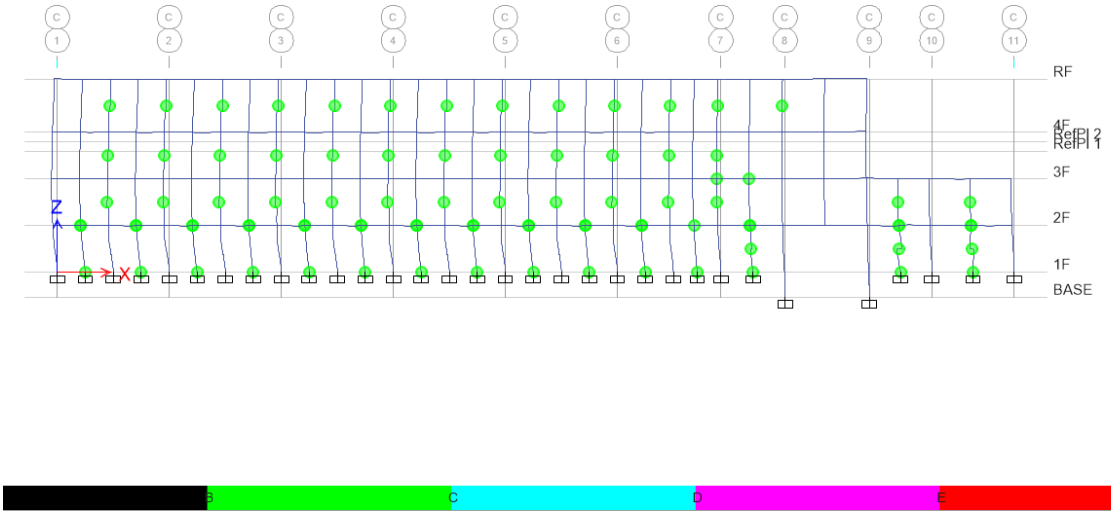


圖 5.1-30 TCU079 人造地震作用下塑鉸發展情形(柱線 C)

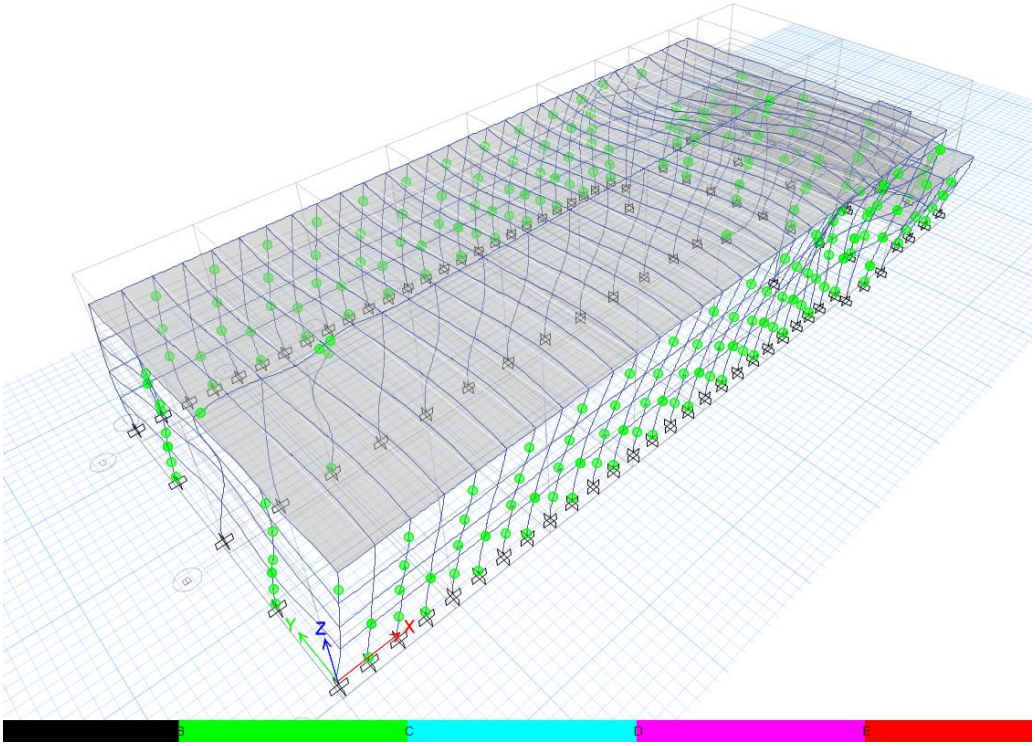


圖 5.1-31 CHY087 人造地震作用下塑鉸發展情形

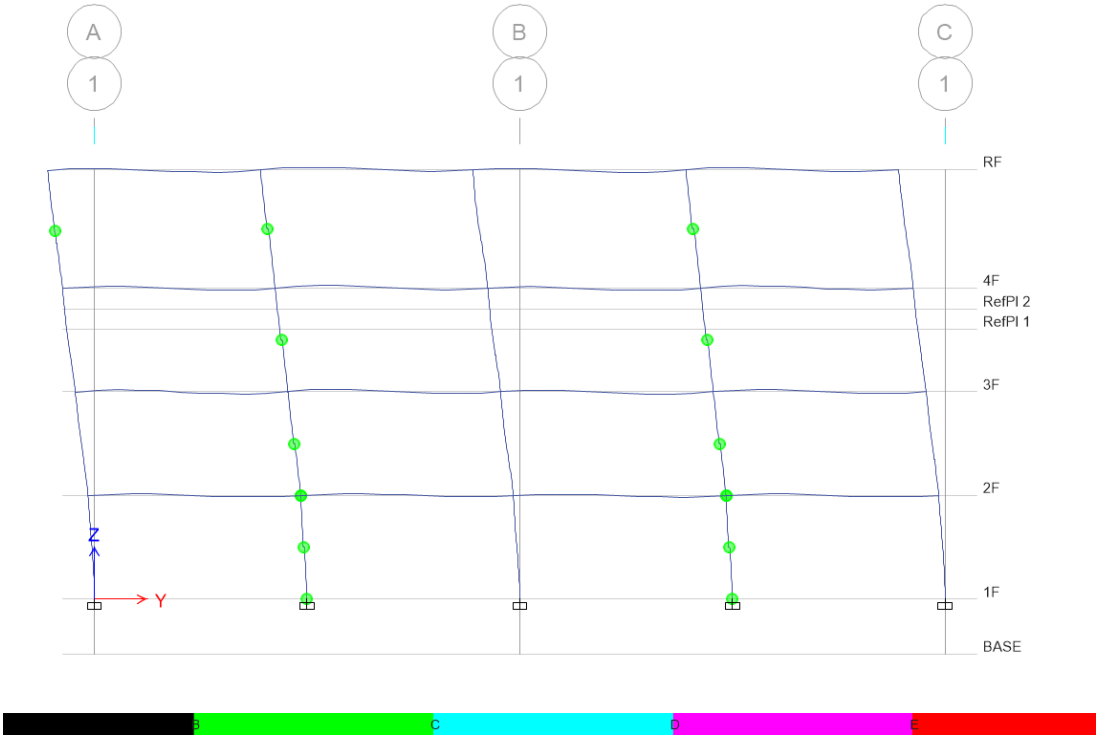


圖 5.1-32 CHY087 人造地震作用下塑鉸發展情形 (柱線 1)

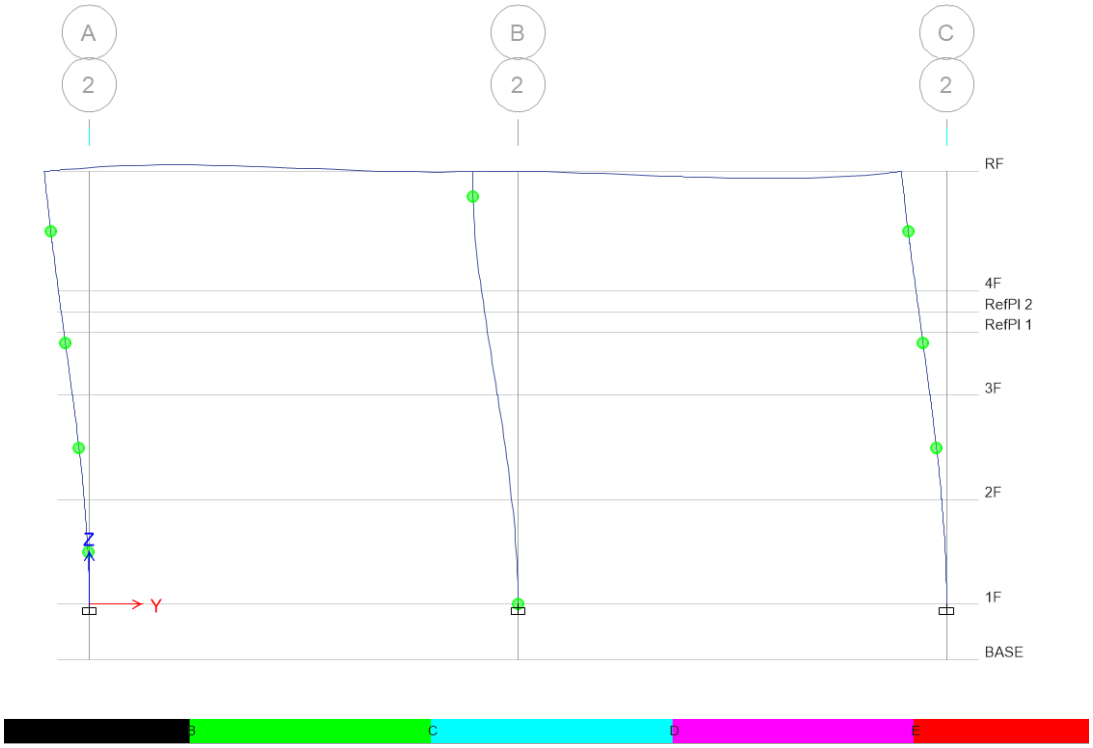


圖 5.1-33 CHY087 人造地震作用下塑鉸發展情形 (柱線 2)

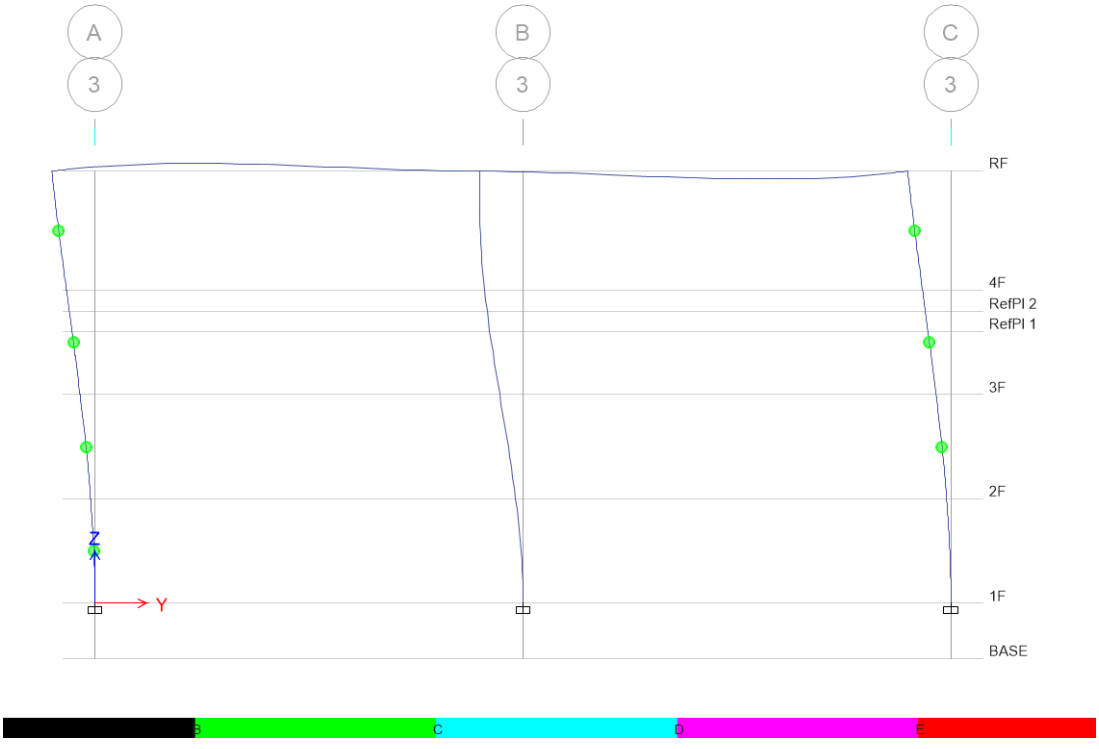


圖 5.1-34 CHY087 人造地震作用下塑鉸發展情形 (柱線 3)

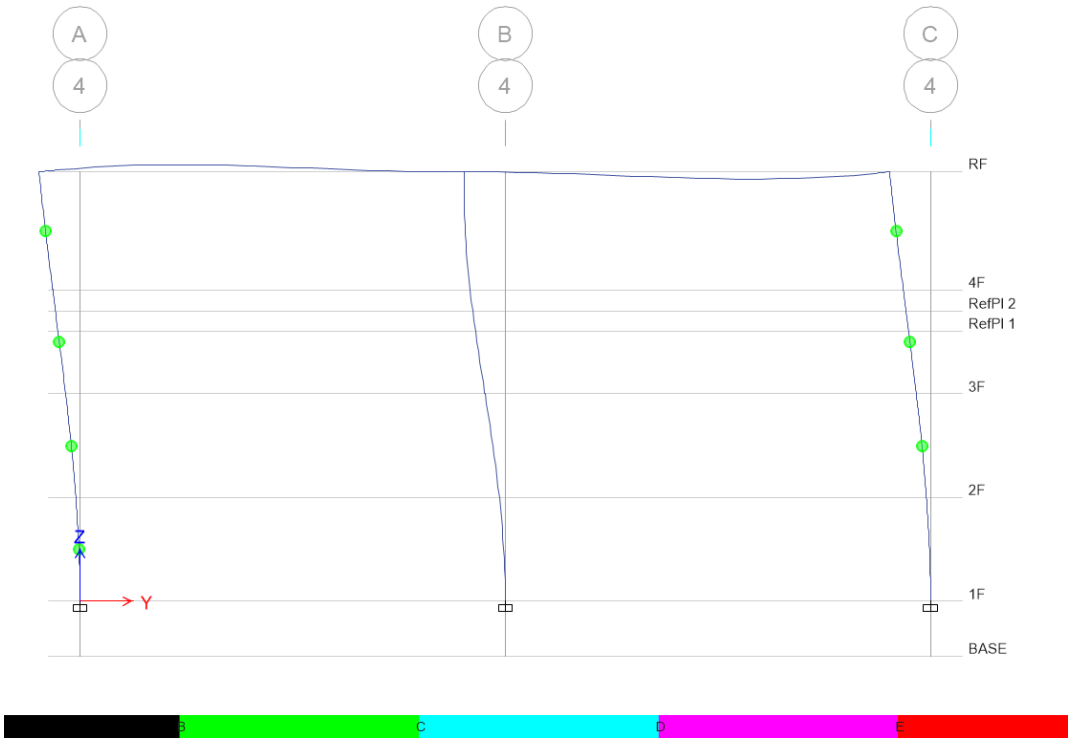


圖 5.1-35 CHY087 人造地震作用下塑鉸發展情形 (柱線 4)

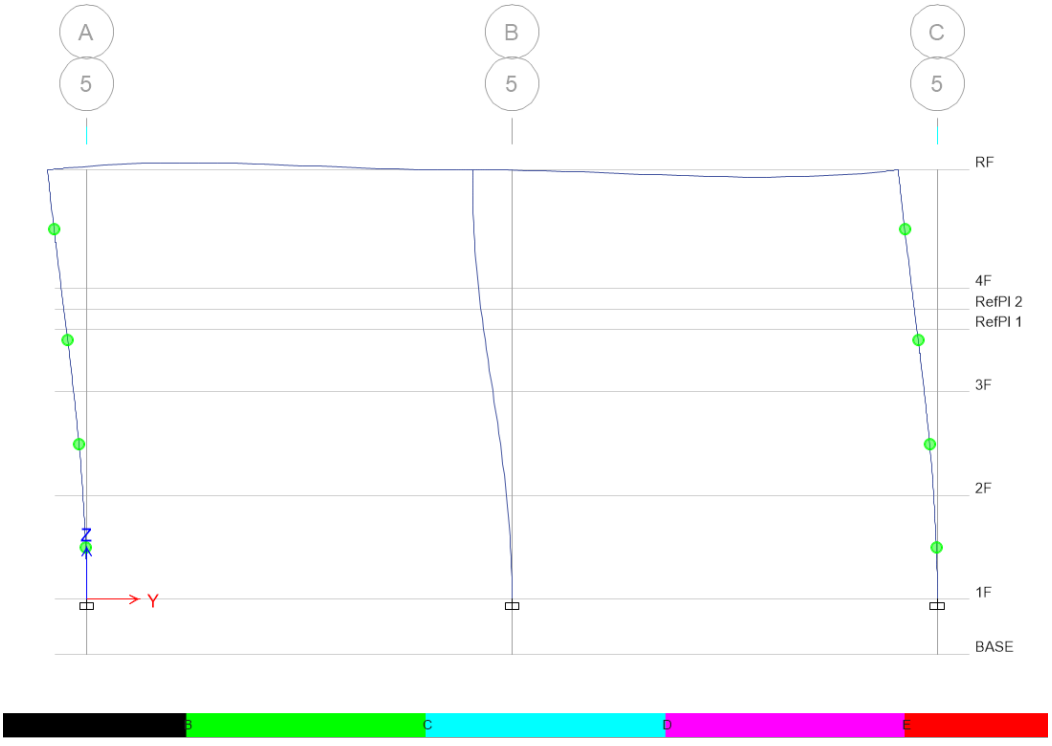


圖 5.1-36 CHY087 人造地震作用下塑鉸發展情形 (柱線 5)

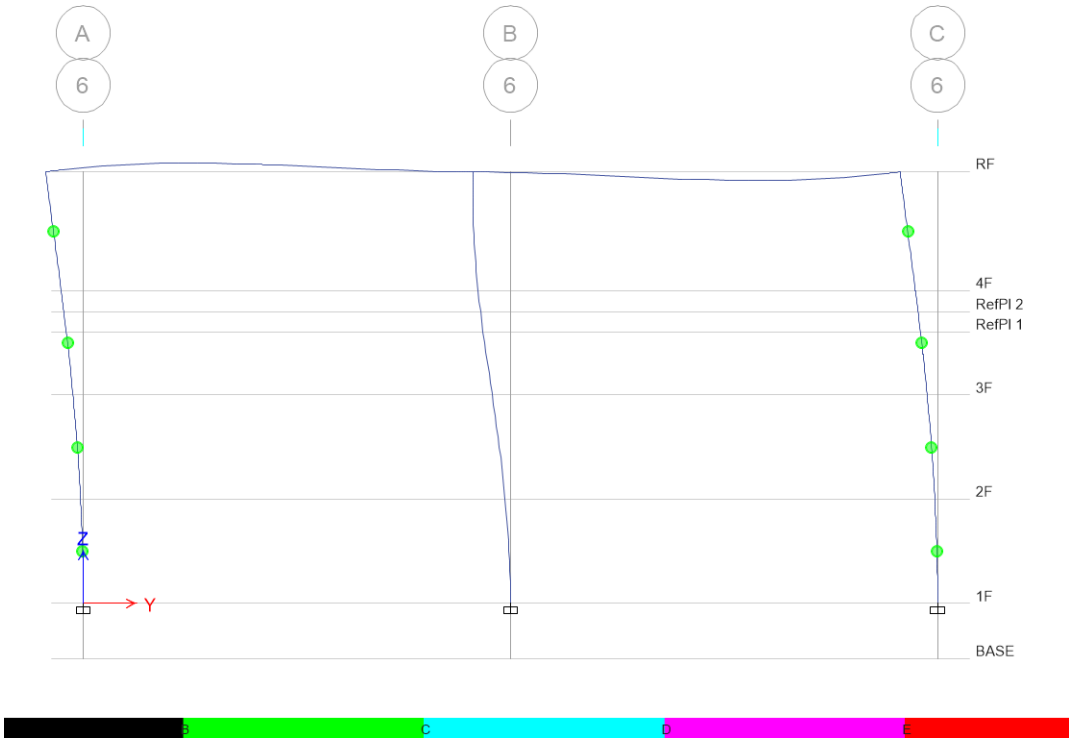


圖 5.1-37 CHY087 人造地震作用下塑鉸發展情形 (柱線 6)

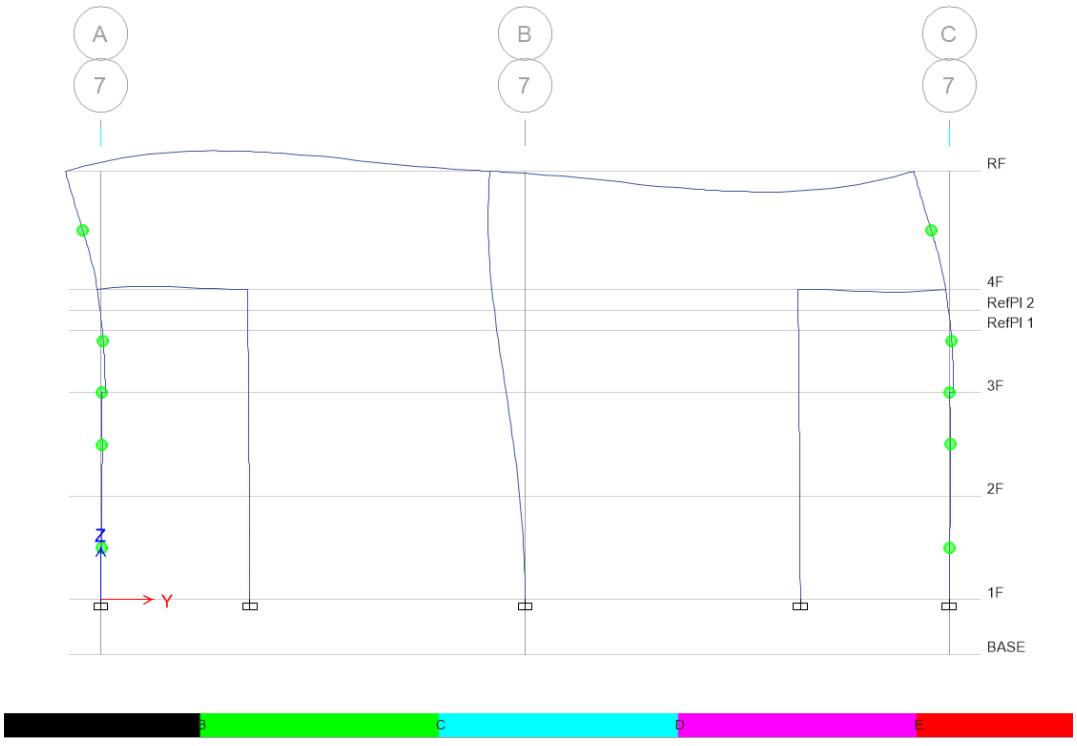


圖 5.1-38 CHY087 人造地震作用下塑鉸發展情形 (柱線 7)

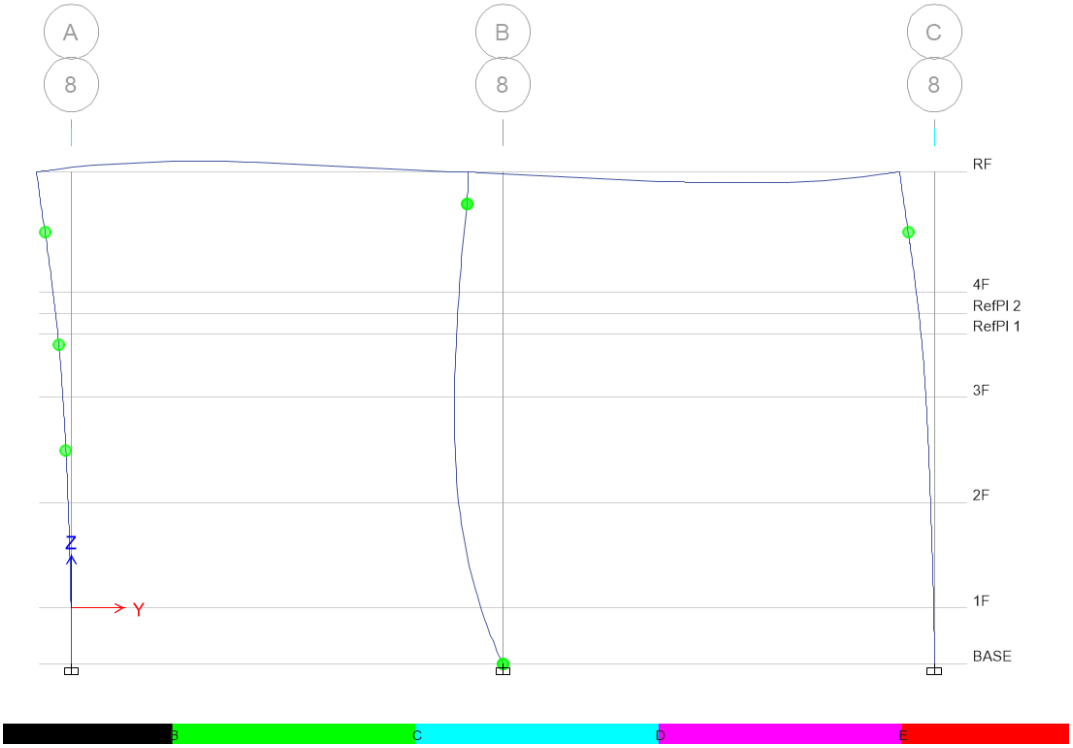


圖 5.1-39 CHY087 人造地震作用下塑鉸發展情形 (柱線 8)

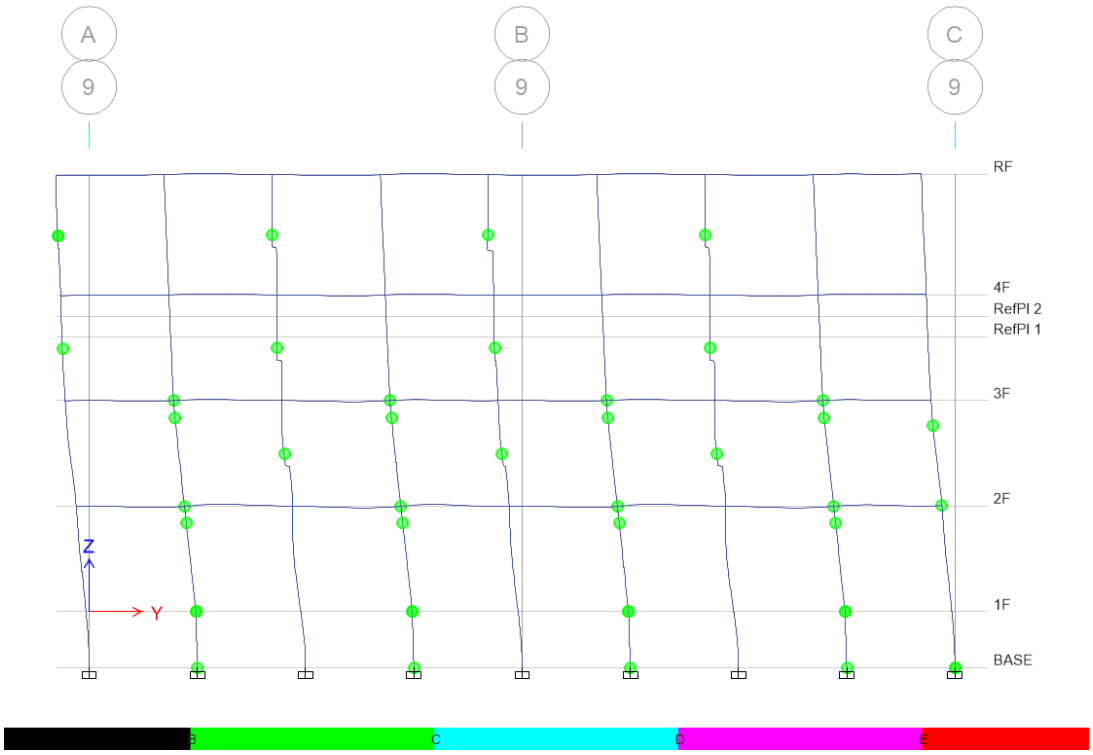


圖 5.1-40 CHY087 人造地震作用下塑鉸發展情形 (柱線 9)

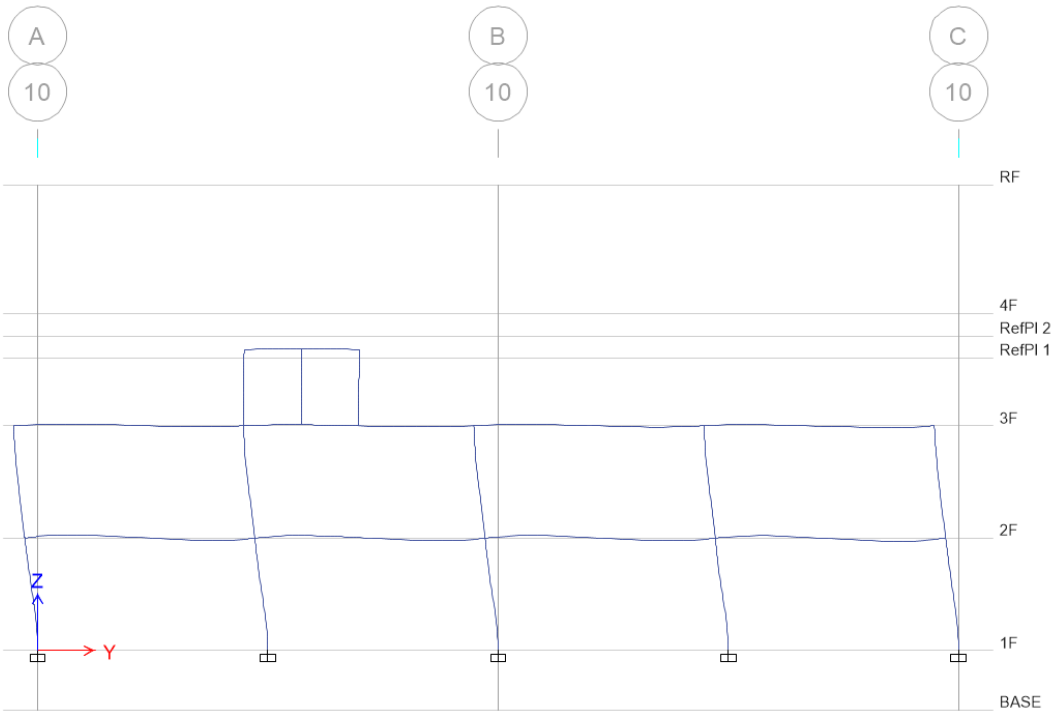


圖 5.1-41 CHY087 人造地震作用下塑鉸發展情形 (柱線 10)

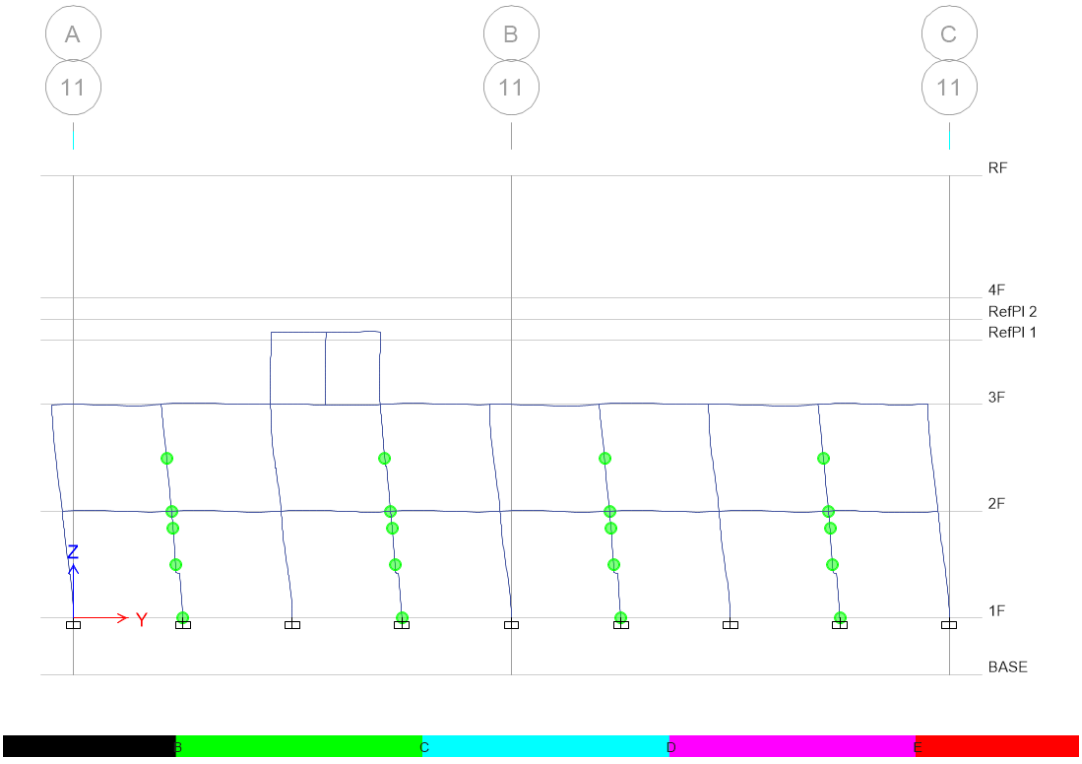


圖 5.1-42 CHY087 人造地震作用下塑鉸發展情形 (柱線 11)

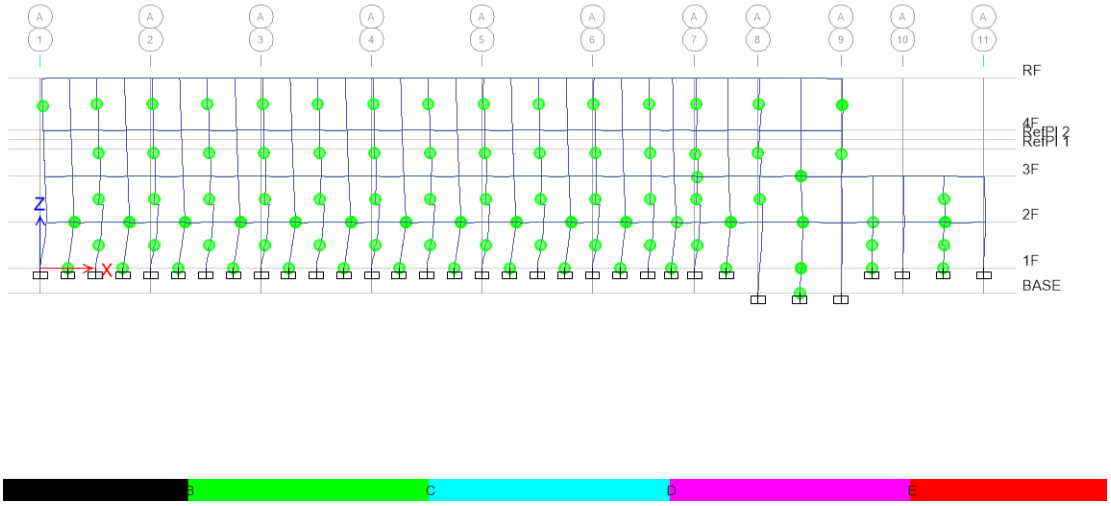


圖 5.1-43 CHY087 人造地震作用下塑鉸發展情形 (柱線 A)

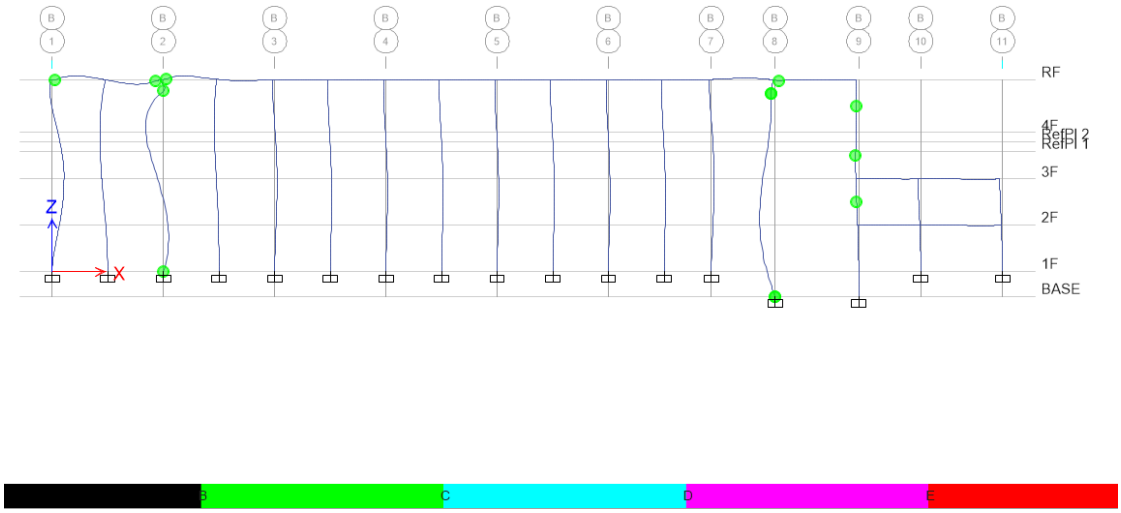


圖 5.1-44 CHY087 人造地震作用下塑鉸發展情形 (柱線 B)

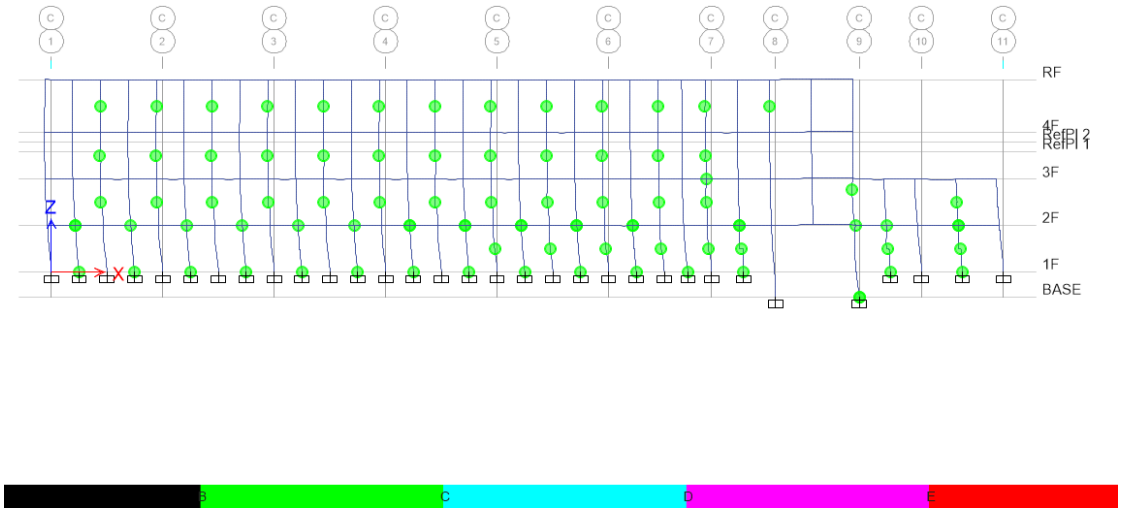


圖 5.1-45 CHY087 人造地震作用下塑鉸發展情形 (柱線 C)

第六章 結論

本案預計於核一廠新建三號低貯庫，惟我國現行之耐震設計規範並未將廠址附近之山腳斷層考慮其中，故本案以定值法(DSHA)求得考慮山腳斷層之地震反應譜，作為本案耐震評估之需求反應譜。而由 DSHA 所求得之地震反應譜 EPA 約為 0.505g($R_{C/D}$=1)，故本案以 0.505g 作為本結構之性能目標(A_p)。此外，本案分別利用非線性靜力分析及非線性動力歷時分析兩種評估檢核方法進行結構之耐震評估，其評估結果分述如下：

(1) 非線性靜力分析(側推分析)

經由結構側推分析所得之結果整理如表 6.1 所示。由分析結果可得結構於地震強度 0.505 g($R_{C/D}$=1)之作用下，結構各桿件大多仍處彈性階段，部分垂直(柱、牆)桿件產生達塑性爬升段之塑鉸，而僅少數牆桿件產生達塑性下降段之塑鉸，故結構於此狀態下應屬安全階段。

表 6.1 結構側推分析整理表

方向	降伏點			RC/D=1		
	基底剪力 (tf)	結構位移 (cm)	EPA (g)	基底剪力 (tf)	結構位移 (cm)	EPA (g)
正 X 向	29391	15.52	0.704	22322	8.34	0.505
負 X 向	28416	13.83	0.521	22534	8.37	0.505
正 Y 向	13683	9.14	0.342	14994	13.81	0.505
負 Y 向	13649	8.84	0.336	15077	13.75	0.505

(2) 非線性動力歷時分析

非線性動力歷時分析結果整理如表 6.2 所示。而由分析結果顯示，結構之最大層間變位角約為 0.15%，其遠小於一般對於結構物要求之 0.5%。另由結構各桿件塑鉸發展情形可知，在需求地震強度(ZPA=0.505g)作用下，產生塑鉸之桿件皆僅達到塑性爬升段(B-C 階段)，故結構於需求地震強度作用下應屬安全階段，安全並無疑慮。

表 6.2 非線性歷時分析結果

地震	最大層間變位角 (%)	最大基底剪力 (tf)
TCO078	X 向：0.13 Y 向：0.12	X 向：19003 Y 向：19426
TCU079	X 向：0.15 Y 向：0.14	X 向：19124 Y 向：19463
CYH087	X 向：0.14 Y 向：0.11	X 向：23113 Y 向：22814

由以上兩種結構耐震檢核方法之評估結果，皆顯示於考慮山腳斷層效應之地震作用下，結構主要之垂直桿件(柱及牆)塑鉸發展皆僅達到塑性爬升段(B-C 階段)，顯示其桿件強度仍未衰減，故 3 號低放貯存庫仍屬於安全階段，結構安全並無疑慮。

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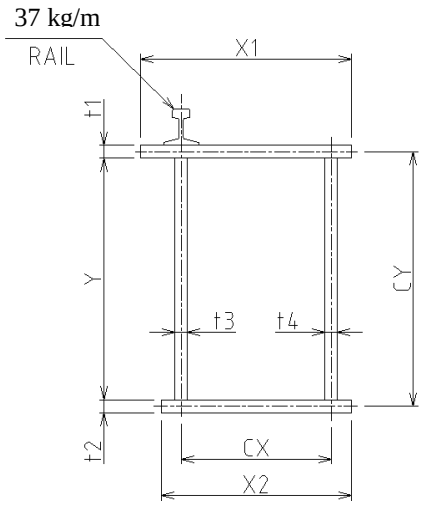
台灣電力公司

App.-D

天車桁樑計算書

中華民國 113 年 7 月

【 Structure Beam (Main Girder) 主 桁 樑 】



t1	=	1.2 cm		Ix	=	2807097	cm^4
t2	=	1.2 cm		Zxt	=	27937	cm^3
t3	=	0.8 cm		Zxc	=	28207	cm^3
t4	=	0.8 cm		Iy	=	332381	cm^4
X1	=	76 cm		Zyt	=	8563	cm^3
X2	=	74 cm		Zyc	=	8563	cm^3
Y	=	197.6 cm		A	=	496	cm^2
CX	=	56 cm		g	=	5.45	kg/cm
CY	=	198.8 cm		(桁樑單位長度重量)			

1. Main principal items 基 本 資 料

Crane class : CNS-F (equivalent to - CMAA-F)			天車等級
V_1 : Speed for main hoist	=	1.5 m/min	吊升速度
Ψ : Impact factor	=	1.1	衝擊係數
Φ : Workong factor	=	1.20	作業係數
Q : Max. hoisting load (含 block weight)	=	66000 kg	最大吊升荷重
q : Weight of trolley	=	20000 kg	台車自重
p : Max. wheel load of trolley = (Q+q)/4	=	21500 kg	台車最大輪壓
L : Span of crane	=	1750 cm	天車跨距
L_1 : Hook approach	=	203 cm	吊鉤呆距
a : Rail gage of trolley	=	260 cm	台車軌距
b : Wheel base of trolley	=	290 cm	台車輪距
G : Weight of girder	=	9500 kg	單支桁樑重量
G_0 : Weight of sub. structure	=	8000 kg	副結構重量
V_3 : Travelling speed for bridge	=	10 m/min	走行速度
V_r : In service wind speed	=	0 m/s	作業時之風速
V_h : In service wind speed	=	0 m/s	停止時之風速
桁架鋼材 SS400 或 A36 : 彈性係數 E	=	2100000 kg/cm^2	
μ : Poisson's ratio	=	0.3	浦松氏比
σ_y : Yield stress	=	2400 kg/cm^2	降伏應力
η_W : Yield stress	=	100 %	熔接效率
σ_{ta} : Allow tension stress = $\sigma_y/1.5*\eta_W$	=	1600 kg/cm^2	容許抗拉應力 (組合 A)
σ_{ca} : Allow compress stress = $\sigma_{ta}/1.15$	=	1391 kg/cm^2	容許抗壓應力 (組合 A)
依據固定式起重機安全檢查構造標準第十一條之規定 B 組合其容許應力得增加15%			
σ_{ta} : Allow tension stress = $\sigma_y/1.5*\eta_W*1.15$	=	1840 kg/cm^2	容許抗拉應力 (組合 B)
σ_{ca} : Allow compress stress = $\sigma_{ta}/1.15$	=	1600 kg/cm^2	容許抗壓應力 (組合 B)
依據固定式起重機安全檢查構造標準第十一條之規定 C 組合其容許應力得增加30%			
σ_{ta} : Allow tension stress = $\sigma_y/1.5*\eta_W*1.3$	=	2080 kg/cm^2	容許抗拉應力 (組合 C)
σ_{ca} : Allow compress stress = $\sigma_{ta}/1.15$	=	1809 kg/cm^2	容許抗壓應力 (組合 C)

2. Bending moment calculation 彎曲力矩計算

2.1. Max. vertical bending moment due to hoisting load : Mv_1 由吊升荷重所引起之最大彎矩

$$M_{V1} = \frac{Q}{2L}(\frac{L}{2} - \frac{b}{4})^2 = \quad 12144118 \quad \text{kg-cm}$$

2.2. Max. vertical bending moment due to dead load of trolley : Mv_2 由台車自重所引起之最大彎矩

$$M_{V2} = \frac{q}{2L}(\frac{L}{2} - \frac{b}{4})^2 = \quad 3680036 \quad \text{kg-cm}$$

2.3. Max. vertical bending moment due to dead load of girder : Mv_3 由桁樑靜載重所引起之最大彎矩

$$M_{V3} = \frac{1}{8} \times (g + \frac{G_0}{L}) \times (L^2 - \frac{b^2}{4}) = \quad 3811054 \quad \text{kg-cm}$$

2.4. Max. horizontal bending moment due to driving inertia load : M_{h1} 由移動慣性所引起最大水平彎矩

$$M_{h1} = 0.008 \sqrt{V_3} \times (M_{V1} + M_{V2} + M_{V3}) = \quad 496736 \quad \text{kg-cm}$$

2.5. Max. horizontal bending moment due to lateral force on trolley wheel : M_{h2} 由車輪側向力所引起最大水平彎矩

a÷b= 0.9 依固定式起重機安全檢查構造標準第十五條第三項附表得車輪橫力係數 λr = 0.05

Sr = λr × p = 1075 kg 車輪側向力

$$M_{h2} = \frac{Sr}{2L} \times (L - \frac{b}{2})^2 = \quad 791208 \quad \text{kg-cm}$$

2.6. Max. horizontal bending moment due to operating wind load : M_{h3} 作業時風荷重所引起最大水平彎矩

本案為室內天車，不需考慮風荷重所引起最大水平彎矩

Part of receiving load 受風壓部位	Average height 平均高度 (m)	Speed pressure 速度壓 (kg/m²)	Area 面積 (m²)	Coefficient of wind force 風力係數	Wind load 風荷重 (kg)
Girder 桁樑	H_1 = N/A	q'_1 = N/A	A_1 = N/A	C_1 = N/A	W_1 = N/A
Trolley 台車	H_2 = N/A	q'_2 = N/A	A_2 = N/A	C_2 = N/A	W_2 = N/A
Suspended object 被吊物	H_3 = N/A	q'_3 = N/A	A_3 = N/A	C_3 = N/A	W_3 = N/A

$q' = \frac{V_r^2}{30} \sqrt[4]{H}$ (H shall be 16m in mininum H 最小以16m計算)

$$M_{h3} = \frac{W_1 \times L}{8} + \frac{W_2 \times L}{2 \times 4} + \frac{W_3 \times L}{2 \times 4} = \quad 0 \quad \text{kg-cm}$$

2.7. Max. horizontal bending moment due to out service wind load : M_{h4} 停止時風荷重所引起最大水平彎矩

本案為室內天車，不需考慮風荷重所引起最大水平彎矩

Part of receiving load 受風壓部位	Average height 平均高度 (m)	Speed pressure 速度壓 (kg/m²)	Area 面積 (m²)	Coefficient of wind force 風力係數	Wind load 風荷重 (kg)
Girder 桁樑	H_1 = N/A	q''_1 = N/A	A_1 = N/A	C_1 = N/A	W'_1 = N/A
Trolley 台車	H_2 = N/A	q''_2 = N/A	A_2 = N/A	C_2 = N/A	W'_2 = N/A

$q'' = \frac{V_h^2}{30} \sqrt[4]{H}$ (H shall be 16m in mininum H 最小以16m計算)

$$M_{h4} = \frac{W'_1 \times L}{8} + \frac{W'_2 \times L}{2 \times 4} = \quad 0 \quad \text{kg-cm}$$

2.8. Max. horizontal bending moment due to earthquake load : M_{h5} 由地震所引起最大水平彎矩

$M_{h5} = 0.51 \times (M_{V2} + M_{V3}) =$ 3820456 kg-cm

3. Shear force calculation 剪力計算

3.1. Shear force due to hoisting load : F_1 由吊升荷重所引起之剪力

$F_1 = \frac{Q}{2L}(\frac{L}{2} - \frac{b}{4}) =$ 15133 kg

3.2. Shear force due to dead load of trolley : F_2 由台車自重所引起之剪力

$F_2 = \frac{q}{2L}(\frac{L}{2} - \frac{b}{4}) =$ 4586 kg

3.3. Shear force due to dead load of girder : F_3 由桁樑靜載重所引起剪力

$F_3 = \frac{b}{4L} \times (g \times L + G_0) =$ 727 kg

4. Torsional moment calculation 扭轉力矩計算

4.1. Torsional moment due to hoisting load : T_1 由吊升荷重所引起之扭轉力矩

$T_1 = F_1 \times \frac{CX}{2} =$ 423720 kg-cm

4.2. Torsional moment due to dead load of trolley : T_2 由台車自重所引起之扭轉力矩

$T_2 = F_2 \times \frac{CX}{2} =$ 128400 kg-cm

5. Max. Combined stress calculation 最大合成應力計算

5.1. Load combination A : 負荷狀況 A

$\sigma_t = \frac{\Phi(\Psi \times Mv_1 + Mv_2 + Mv_3)}{Zxt} + \frac{\Phi(Mh_1 + Mh_2)}{Zyt} =$ 1076.1 kg/cm^2

$\sigma_c = \frac{\Phi(\Psi \times Mv_1 + Mv_2 + Mv_3)}{Zxc} + \frac{\Phi(Mh_1 + Mh_2)}{Zyc} =$ 1067.5 kg/cm^2

$\tau = \frac{\Phi \times (\Psi \cdot F_1 + F_2 + F_3)}{CY \times (t_3 + t_4)} + \frac{\Phi \times (\Psi \cdot T_1 + T_2)}{2 \times CX \times CY \times t_3} =$ 122.9 kg/cm^2

$\sigma_{t.max} = \sqrt{\sigma_t^2 + 3\tau^2} =$ 1097 kg/cm^2 ≦ 1600 kg/cm^2 ..... O.K.

$\sigma_{c.max} = \sqrt{\sigma_c^2 + 3\tau^2} =$ 1088.5 kg/cm^2 ≦ 1391 kg/cm^2 ..... O.K.

5.2. Load combination B : 負荷狀況 B

$\sigma_t = \frac{\Phi(\Psi \times Mv_1 + Mv_2 + Mv_3)}{Zxt} + \frac{\Phi(Mh_1 + Mh_2) + Mh_3}{Zyt} =$ 1076.1 kg/cm^2

$\sigma_c = \frac{\Phi(\Psi \times Mv_1 + Mv_2 + Mv_3)}{Zxc} + \frac{\Phi(Mh_1 + Mh_2) + Mh_3}{Zyc} =$ 1067.5 kg/cm^2

$\tau = \frac{\Phi \times (\Psi \cdot F_1 + F_2 + F_3)}{CY \times (t_3 + t_4)} + \frac{\Phi \times (\Psi \cdot T_1 + T_2)}{2 \times CX \times CY \times t_3} =$ 122.9 kg/cm^2

$\sigma_{t.max} = \sqrt{\sigma_t^2 + 3\tau^2} =$ 1097 kg/cm^2 ≦ 1840 kg/cm^2 ..... O.K.

$\sigma_{c.max} = \sqrt{\sigma_c^2 + 3\tau^2} =$ 1088.5 kg/cm^2 ≦ 1600 kg/cm^2 ..... O.K.

5.3. Load combination C-1 : 負荷狀況 C-1

$$\sigma_t = \frac{Mv_1 + Mv_2 + Mv_3}{Zxt} + \frac{Mh_5}{Zyt} = \quad 1149 \ \text{kg/cm}^2$$

$$\sigma_c = \frac{Mv_1 + Mv_2 + Mv_3}{Zxc} + \frac{Mh_5}{Zyc} = \quad 1142.3 \ \text{kg/cm}^2$$

$$\tau = \frac{\cdot F_1 + F_2 + F_3}{CY \times (t_3 + t_4)} + \frac{\cdot T_1 + T_2}{2 \times CX \times CY \times t_3} = \quad 95.3 \ \text{kg/cm}^2$$

$\sigma_{t.max} = \sqrt{\sigma_t^{\,2} + 3\tau^2} =$ 1160.8 kg/cm^2 ≦ 2080 kg/cm^2 ..... O.K.

$\sigma_{c.max} = \sqrt{\sigma_c^{\,2} + 3\tau^2} =$ 1154.2 kg/cm^2 ≦ 1809 kg/cm^2 ..... O.K.

5.3. Load combination C-2 : 負荷狀況 C-2

$$\sigma_t = \frac{Mv_2 + Mv_3}{Zxt} + \frac{Mh_4}{Zyt} = \quad 268.1 \ \text{kg/cm}^2$$

$$\sigma_c = \frac{Mv_2 + Mv_3}{Zxc} + \frac{Mh_4}{Zyc} = \quad 265.6 \ \text{kg/cm}^2$$

$$\tau = \frac{\cdot F_2 + F_3}{CY \times (t_3 + t_4)} + \frac{T_2}{2 \times CX \times CY \times t_3} = \quad 23.9 \ \text{kg/cm}^2$$

$\sigma_{t.max} = \sqrt{\sigma_t^{\,2} + 3\tau^2} =$ 271.3 kg/cm^2 ≦ 2080 kg/cm^2 ..... O.K.

$\sigma_{c.max} = \sqrt{\sigma_c^{\,2} + 3\tau^2} =$ 268.8 kg/cm^2 ≦ 1809 kg/cm^2 ..... O.K.

6. Deflection of main girder 桁樑撓度

6.1. Deflection due to live load : δ_1 由移動荷重所引起 之撓度

$$\delta_1 = \frac{p \cdot (L - b) \cdot [L^2 + (L + b)^2]}{48 \cdot E \cdot Ix} = \quad 0.80 \ \text{cm}$$

6.2. Deflection due to weight of sub. structure : δ_2 大車副結構重量所引起的撓度

$$\delta_2 = \frac{5 \cdot G_0 \cdot L^3}{384 \cdot E \cdot Ix} = \quad 0.09 \ \text{cm}$$

6.3. Deflection due to self-weight of girder : δ_3 桁樑自重所引起的撓度

$$\delta_3 = \frac{5 \cdot g \cdot L^4}{384 \cdot E \cdot Ix} = \quad 0.11 \ \text{cm}$$

6.4. Total deflection : $\Sigma\delta$ 總撓度

$\sum \delta = \delta_1 + \delta_2 + \delta_3 =$ 1.00 cm ≦ L/ 1000 = 1.75 cm ..... O.K.

7. Fatigue calculation 疲勞計算

7.1. Min. vertical bending moment due to hoisting load : Mv_4 由吊昇荷重所引起之最小彎矩

$$M_{V4} = \frac{QL_1}{2L}\left(\frac{L}{2} - \frac{b}{4}\right) = \quad 3071970 \ \text{kg-cm}$$

7.2. Min. vertical bending moment due to dead load of trolley ： Mv_5 由台車自重所引起之最小彎矩

$$M_{V5}=\frac{qL_1}{2L}\left(\frac{L}{2}-\frac{b}{4}\right)= \quad 930900 \text{ kg-cm}$$

7.3. Min. horizontal bending moment due to driving inertia load ： M_{h6} 由移動慣性所引起最小水平彎矩

$$M_{h6}=0.008\sqrt{V_3}\times(M_{V4}+M_{V5}+M_{V3})= \quad 197678 \text{ kg-cm}$$

7.4. Min. horizontal bending moment due to earthquake load ： M_{h7} 由地震所引起最小水平彎矩

$$M_{h7}=0.51\times(M_{V5}+M_{V3})= \quad 2418397 \text{ kg-cm}$$

8. Min.Combined stress calculation 最小合成應力計算 最小合成應力

8.1. Load combination A : 負荷狀況 A

$$\sigma_t=\frac{\Phi(\Psi\times Mv_4+Mv_5+Mv_3)}{Zxt}+\frac{\Phi(Mh_6+Mh_2)}{Zyt}= \quad 487.4 \text{ kg/cm}^2$$

$$\sigma_c=\frac{\Phi(\Psi\times Mv_4+Mv_5+Mv_3)}{Zxc}+\frac{\Phi(Mh_6+Mh_2)}{Zyc}= \quad 484.1 \text{ kg/cm}^2$$

$$\tau=\frac{\Phi\times(\Psi\cdot F_1+F_2+F_3)}{CY\times(t_3+t_4)}+\frac{\Phi\times(\Psi\cdot T_1+T_2)}{2\times CX\times CY\times t_3}= \quad 122.9 \text{ kg/cm}^2$$

$\sigma_{t.min}=\sqrt{\sigma_t^2+3\tau^2}=$ 531.9 kg/cm^2 ≦ 1600 kg/cm^2 ..... O.K.

$\sigma_{c.min}=\sqrt{\sigma_c^2+3\tau^2}=$ 528.8 kg/cm^2 ≦ 1391 kg/cm^2 ..... O.K.

8.2. Load combination B : 負荷狀況 B

$$\sigma_t=\frac{\Phi(\Psi\times Mv_4+Mv_5+Mv_3)}{Zxt}+\frac{\Phi(Mh_6+Mh_2)+Mh_3}{Zyt}= \quad 487.4 \text{ kg/cm}^2$$

$$\sigma_c=\frac{\Phi(\Psi\times Mv_4+Mv_5+Mv_3)}{Zxc}+\frac{\Phi(Mh_6+Mh_2)+Mh_3}{Zyc}= \quad 484.1 \text{ kg/cm}^2$$

$$\tau=\frac{\Phi\times(\Psi\cdot F_1+F_2+F_3)}{CY\times(t_3+t_4)}+\frac{\Phi\times(\Psi\cdot T_1+T_2)}{2\times CX\times CY\times t_3}= \quad 122.9 \text{ kg/cm}^2$$

$\sigma_{t.min}=\sqrt{\sigma_t^2+3\tau^2}=$ 531.9 kg/cm^2 ≦ 1840 kg/cm^2 ..... O.K.

$\sigma_{c.min}=\sqrt{\sigma_c^2+3\tau^2}=$ 528.8 kg/cm^2 ≦ 1600 kg/cm^2 ..... O.K.

8.3. Load combination C-1 : 負荷狀況 C-1

$$\sigma_t=\frac{Mv_4+Mv_5+Mv_3}{Zxt}+\frac{Mh_7}{Zyt}= \quad 562.1 \text{ kg/cm}^2$$

$$\sigma_c=\frac{Mv_4+Mv_5+Mv_3}{Zxc}+\frac{Mh_7}{Zyc}= \quad 559.5 \text{ kg/cm}^2$$

$$\tau=\frac{F_1+F_2+F_3}{CY\times(t_3+t_4)}+\frac{T_1+T_2}{2\times CX\times CY\times t_3}= \quad 95.3 \text{ kg/cm}^2$$

$\sigma_{t.max}=\sqrt{\sigma_t^2+3\tau^2}=$ 585.8 kg/cm^2 ≦ 2080 kg/cm^2 ..... O.K.

$\sigma_{c.max}=\sqrt{\sigma_c^2+3\tau^2}=$ 583.3 kg/cm^2 ≦ 1809 kg/cm^2 ..... O.K.

8.3. Load combination C-2 : 負荷狀況 C-2

$$\sigma_t = \frac{Mv_5 + Mv_3}{Zxt} + \frac{Mh_4}{Zyt} = \quad 169.7 \text{ kg/cm}^2$$

$$\sigma_c = \frac{Mv_5 + Mv_3}{Zxc} + \frac{Mh_4}{Zyc} = \quad 168.1 \text{ kg/cm}^2$$

$$\tau = \frac{F_2 + F_3}{CY \times (t_3 + t_4)} + \frac{T_2}{2 \times CX \times CY \times t_3} = \quad 23.9 \text{ kg/cm}^2$$

$\sigma_{t.max} = \sqrt{\sigma_t^{\,2} + 3\tau^2} =$ 174.7 kg/cm^2 ≦ 2080 kg/cm^2 ..... O.K.

$\sigma_{c.max} = \sqrt{\sigma_c^{\,2} + 3\tau^2} =$ 173.1 kg/cm^2 ≦ 1809 kg/cm^2 ..... O.K.

9. Allowable fatigue stress : 容許疲勞應力

起重機操作類別 : III

缺口強度分類 : C

9.1 應力比法 :

$K_t = \sigma_{t.min} / \sigma_{t.max} =$ 0.49 查 CNS6426 圖 5.3 得容許疲勞強度= 1800 kg/cm^2 ≧ 1076.1 kg/cm^2 ..... O.K.

$K_c = \sigma_{c.min} / \sigma_{c.max} =$ 0.49 查 CNS6426 圖 5.3 得容許疲勞強度= 1800 kg/cm^2 ≧ 1067.5 kg/cm^2 ..... O.K.

9.2 振幅法 :

F_J : 接頭係數 = 1.0 查 CNS6426 表 14

F_L : 壽命係數 = 1.0 查 CNS6426 表 15

$\sigma_{mt} = (\sigma_{t.max} + \sigma_{t.min}) \div 2 =$ 804 kg/cm^2 查 CNS6426 圖 6 得 $\sigma_{dt} =$ 1039 kg/cm^2

$\sigma_{mc} = (\sigma_{c.max} + \sigma_{c.min}) \div 2 =$ 798.2 kg/cm^2 查 CNS6426 圖 6 得 $\sigma_{dc} =$ 1040 kg/cm^2

$(\sigma_{t.max} - \sigma_{t.min}) =$ 544.2 kg/cm^2 ≦ $F_J \times F_L \times \sigma_{dt} =$ 1039 kg/cm^2 ..... O.K.

$(\sigma_{c.max} - \sigma_{c.min}) =$ 538.7 kg/cm^2 ≦ $F_J \times F_L \times \sigma_{dc} =$ 1040 kg/cm^2 ..... O.K.

10. Buckling calculation for web plate 桁樑腹板挫屈計算

a	: Distance of Diaphragms	180	cm	隔板間距 (a)
b	: Length of Diaphragms	232	cm	隔板高度 (b)
t	: Thickness of Diaphragms	0.8	cm	腹板厚度 (t)
c_1	: Distance between upper panel to stiffener	48.8	cm	上板至縱向補強材距離 (c1)
c_2	: Distance between two stiffeners	110.0	cm	兩縱向補強材間距離 (c2)
c_3	: Distance between stiffener to bottom panel	73.2	cm	縱向補強材至下板距離 (c3)

$$\sigma_1 = -\frac{\Phi(\Psi \times M_{V1} + M_{V2} + M_{V3})}{Zxc} - \frac{\Phi(M_{h1} + M_{h2})}{Zyc} = \quad -1067.5 \text{ kg/cm}^2 \quad \text{最大壓縮應力}$$

$$\sigma_2 = \frac{\Phi(\Psi \times M_{V1} + M_{V2} + M_{V3})}{Zxt} - \frac{\Phi(M_{h1} + M_{h2})}{Zyc} = \quad 715.1 \text{ kg/cm}^2 \quad \text{最大張應力}$$

$$\tau = \frac{\Phi \times (\Psi \cdot F_1 + F_2 + F_3)}{CY \times (t_3 + t_4)} + \frac{\Phi \times (\Psi \cdot T_1 + T_2)}{2 \times CX \times CY \times t_3} = \quad 122.9 \text{ kg/cm}^2 \quad \text{最大剪應力}$$

10.1 上緣板至補強材之間

$\sigma_3=[(\sigma_2-\sigma_1)\times c_1/b]+\sigma_1=$ -692.5 kg/cm^2

$\phi_1=\sigma_3/\sigma_1=$ 0.65 $0<\phi_1<1$

$\alpha_1=a/c_1=$ 3.69 $\alpha_1\geqq 1$

$k\sigma_1=8.4/(\phi_1+1.1)=$ 4.80 查 CNS6426 表 21-1

$k\tau_1=5.34+4/\alpha_1^2=$ 5.63 查 CNS6426 表 21-1

Euler buckling stress : 基本挫屈應力

$$\sigma_{e1}=\frac{\pi^2\times E}{12\times(1-\mu^2)}\times\left(\frac{t}{c_1}\right)^2=$$ 510.1 kg/cm^2

Critical buckling stress : 局部理想挫屈應力

$\sigma_{1ki}=\sigma_{e1}\times K_{\sigma 1}=$ 2450.2 kg/cm^2

$\tau_{1ki}=\sigma_{e1}\times K_{\tau 1}=$ 2873.9 kg/cm^2

Allowable buckling stress 容許挫屈應力

$$\sigma_{1vki}=\frac{\sqrt{\sigma_1^2+3\tau^2}}{\frac{1+\phi_1}{4}\times\frac{\sigma_1}{\sigma_{1ki}}+\sqrt{\left(\frac{3-\phi_1}{4}\times\frac{\sigma_1}{\sigma_{1ki}}\right)^2+\left(\frac{\tau}{\tau_{1i}}\right)^2}}=$$ 2478.3 kg/cm^2 理想合成應力 > σp 比例限

σp=σy/1.32= 1818.2 kg/cm^2 (CMAA)

$\sigma_{1vk}=$ 2150 kg/cm^2 減少合成應力 (查CNS6424圖9)

$S_1=1.5+0.075(\phi_1-1)=$ 1.47 局部挫屈安全率

$\sigma_{1v}=\sqrt{\sigma_1^2+3\tau^2}=$ 1088.5 kg/cm^2 ≦ $\sigma_{1vk}/S1=$ 1462.6 kg/cm^2 ..... O.K.

10.2補強材至下緣板之間

$\phi_3=\sigma_2/\sigma_3=$ -1.03 $\phi_3<-1$

$\alpha_3=a/c_3=$ 2.46 $\alpha_3\geqq 2/3$

$k\sigma_3=$ 23.9 查 CNS6426 表 21-1

$k\tau_3=5.34+4/\alpha_3^2=$ 6.00 查 CNS6426 表 21-1

Euler buckling stress : 基本挫屈應力

$$\sigma_{e3}=\frac{\pi^2\times E}{12\times(1-\mu^2)}\times\left(\frac{t}{c_3}\right)^2=$$ 226.7 kg/cm^2

Critical buckling stress : 局部理想挫屈應力

$\sigma_{3ki}=\sigma_{e3}\times K_{\sigma 3}=$ 5418.1 kg/cm^2

$\tau_{3ki}=\sigma_{e3}\times K_{\tau 3}=$ 1360.5 kg/cm^2

Allowable buckling stress　　容許挫屈應力

$$\sigma_{3vki}=\frac{\sqrt{\sigma_2^{\,2}+3\tau^2}}{\frac{1+\phi_3}{4}\times\frac{\sigma_2}{\sigma_{3ki}}+\sqrt{(\frac{3-\phi_3}{4}\times\frac{\sigma_2}{\sigma_{3ki}})^2+(\frac{\tau}{\tau_{3ki}})^2}}=$$ 4670.5 kg/cm^2　　理想合成應力 ＞ σ p 比例限

σ p= σ y/1.32= 1818.2 kg/cm^2

(CMAA)

$\sigma_{3\,vk}$= 2350 kg/cm^2　　減少合成應力 (查CNS6424圖9)

S_3= 1.5 + 0.075(ϕ_3 - 1) = 1.35　　局部挫屈安全率

$\sigma_{3\,v}$= $\sqrt{\sigma_2^{\,2}+3\tau^2}$ = 746.1 kg/cm^2 ≦ $\sigma_{3\,vk}$ / S_3 = 1740.7 kg/cm^2 . . . . . O.K.

吊車軌道梁檢核結構計算書

結構簡述

吊車軌道梁架設於廠房兩側之柱面上，兩柱間跨距最大者為 900 cm，跨距越大對軌道梁承重所造成的彎矩和剪力也越大，因此以最大跨距做為設計檢核標的。吊車系統重量經由兩個輪子作用於軌道梁上，兩輪間距為 440 cm。軌道梁以 H 型鋼標稱規格 900x300 設計，相關尺寸標示如圖 1 所示。

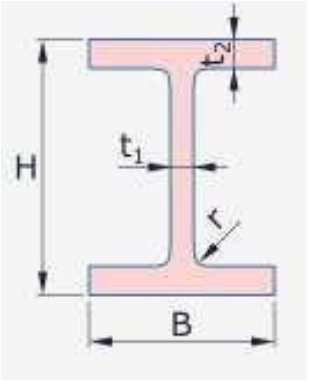


圖 1、 H 型鋼梁斷面尺寸參數

鋼梁斷面性質

梁深 H = 912 mm；

梁寬 B = 302 mm；

腹板厚度 $t_w = t_1 = 18$ mm；

翼板厚度 $t_f = t_2 = 34$ mm；

慣性矩 $I = 491{,}000\ cm^4$；

斷面模數S = 10,800 cm^3。

材料性質

鋼梁材質為SS400，其降伏應力F_y = 2400 kgf/cm^2，彈性模數

E = 2.1×10^6 kgf/cm^2。

彎矩與剪力計算

軌道梁的邊界條件為簡支型式(simply supported)，在兩個輪子的作用力下，其彎矩與剪力最大值發生的情形分別如圖 2、圖 3 所示，圖中的參數說明如下

梁跨距L = 900 cm；

單輪作用力P = 61,985 kgf，吊車系統設計重量(含吊舉重量)為 123,970 kgf，假設平均分配於兩個輪子上；

輪距 b = 440 cm；

作用力至梁邊界之距離 a = 230 cm。

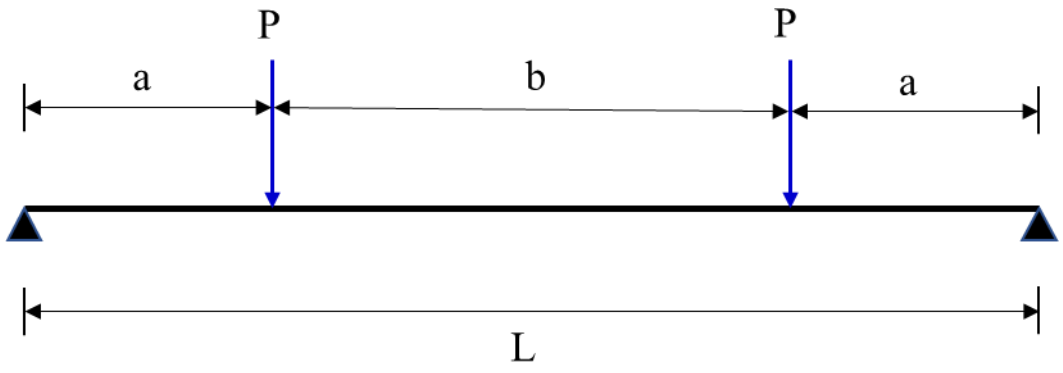


圖 2、最大彎矩發生情形示意圖

鋼梁腹板斷面積 $A_w=H*t_w=91.2x1.8=164.2\ cm^2$

剪力強度 $V_n=F_v*A_w=960x164.2=157,632$ kgf

V_n= 157,632 kgf > V_u= 93,666 kgf　(OK)

檢核結果

軌道梁採用的 H 型鋼標稱規格 900x300 設計(斷面尺寸如上所述)，檢核其彎矩與剪力強度均大於承受的最大彎矩與剪力，故符合結構安全要求。

參考文獻

1. 內政部,“鋼構造建築物鋼結構設計技術規範”,民國 99 年。

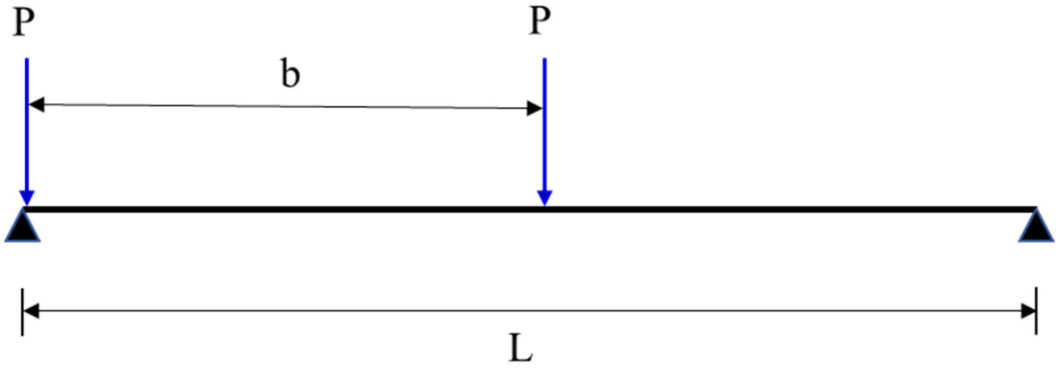


圖 3、最大剪力發生情形示意圖

圖 2 中的最大彎矩值計算如下

M_u = Pa = 14,256,550 kgf-cm；

圖 3 中的最大剪力值計算如下

V_u = P+P(1-b/L) = 93,666 kgf；

容許應力

依照內政部法規「鋼構造建築物鋼結構設計技術規範」[1]第 7 章的規定，鋼梁的容許撓曲應力和容許剪應力分別說明如下

- 容許撓曲應力

  (1). 拉力外緣

  依據規範[1]之規定，檢核 $L_b \leq L_c$

  側向未支撐間距 L_b = 510 cm, 600 cm, 690 cm, 900 cm 等不同長度

  $L_c = \min(\frac{20b_f}{\sqrt{F_y}}, \frac{1400}{(d/A_f)F_y})$

  翼板寬度 b_f = B = 30.2 cm

  構材總深度d = H = 91.2 cm

翼板面積 $A_f = b_f * t_f = 102.68\ cm^2$

降伏應力 $F_y = 2.4\ tf/cm^2$

$L_c = \min(389.88\ cm, 656.76\ cm) = 389.88\ cm$

$L_b > L_c$

拉力外緣之容許撓曲應力 $F_b = 0.60F_y = 1{,}440\ kgf/cm^2$

(2). 壓力外緣

腹板淨深度 $h = H - 2t_w = 84.4\ cm$

$h' = h/3 = 28.1\ cm$

包括壓力翼板及 1/3 的受壓腹板面積所組成之斷面，以腹板為軸之迴轉半徑 $r_T = \sqrt{\frac{I}{A}}$

$I = (t_f B^3 + h' t_w^3)/12 = 7818\ cm^4$

$A = t_f B + h' t_w = 152\ cm^2$

$r_T = 7.17\ cm$

$L/r_T = 125.5$

$C_b = 1.75 + 1.05 (M_1/M_2) + 0.3 (M_1/M_2)^2$，其中構材側向未支撐段兩端彎矩之較小者為 M_1，大者為 M_2。本例中 M_1/M_2 為 0，C_b= 1.75。

$$\sqrt{\frac{35800C_b}{F_y}} = 161.6$$

$$\sqrt{\frac{7160C_b}{F_y}} = 72.3$$

因為 $\sqrt{\frac{7160C_b}{F_y}} \le \frac{L}{r_T} \le \sqrt{\frac{35800C_b}{F_y}}$，

$$F_b = \left(\frac{2}{3} - \frac{F_y(L/r_T)^2}{107600C_b}\right)F_y = 0.466\,F_y = 1.118\ tf/cm^2 \cdots\cdots (1)$$

$F_b = \frac{840C_b}{Ld/A_f} = 1.839\ \text{tf/cm}^2$ ……(2)

(1)、(2)式的結果取較大者，但不得大於 $0.6F_y = 1.440\ \text{tf/cm}^2$

故壓力外緣之容許撓曲應力 $F_b = 0.60F_y = 1{,}440\ \text{kgf/cm}^2$，與拉力外緣之容許撓曲應力值相同。

- 容許剪應力

依據規範[1]之規定，檢核腹板深厚比 $h / t_w \leq 100 / \sqrt{F_y}$

腹板淨深度 $h = H-2t_w = 84.4$ cm

降伏應力 $F_y = 2.4\ \text{tf/cm}^2$

$h / t_w = 46.89 \leq 100 / \sqrt{F_y} = 64.55$

容許剪應力 $F_v = 0.40F_y = 960\ \text{kgf/cm}^2$

<u>強度檢核</u>

- 彎矩強度檢核

彎矩強度 $M_n = F_b * S = 1{,}440 \times 10{,}800 = 15{,}552{,}000$ kgf-cm

$M_n = 15{,}552{,}000$ kgf-cm > $M_u = 14{,}256{,}550$ kgf-cm (OK)

- 剪力強度檢核

鋼梁腹板斷面積 $A_w = H * t_w = 91.2 \times 1.8 = 164.2\ \text{cm}^2$

剪力強度 $V_n = F_v * A_w = 960 \times 164.2 = 157{,}632$ kgf

$V_n = 157{,}632$ kgf > $V_u = 93{,}666$ kgf (OK)

<u>檢核結果</u>

軌道梁採用的 H 型鋼標稱規格 900x300 設計(斷面尺寸如上所述)。

台灣電力公司

App.-E

結構設計外審意見書

中華民國 113 年 7 月

台北市結構工程工業技師公會　　函

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受文者：中興工程顧問股份有限公司

發文日期：中華民國113年5月31日
發文字號：(113)北結師徐(十四)字第1130552號
速別：速件
密等及解密條件：普通
附件：

主　旨：本公會受託有關　台灣電力公司「新北市石門區第一核能發電廠之三號低放射性廢棄物貯存庫案」結構委託審查，特此提出審查意見書，以完成手續。

說　明：

一、依據　委任單位 112 年 9 月 15 日結構字第 1120061523 號函辦理。

二、本案於審查會議前均經本會（112）北結師徐（十四）字第 1120956 號函及（113）北結師徐（十四）字第 1130075 號函公告在案，以示公開。

三、隨函檢附結構圖、計算書、鑽探報告等。

正本：中興工程顧問股份有限公司
副本：台灣電力股份有限公司

理事長 徐茂卿

台灣電力公司新北市石門區第一核能發電廠之三號低放射性廢棄物貯存庫結構設計審查意見書

主　旨：台灣電力公司「新北市石門區第一核能發電廠之三號低放射性廢棄物貯存庫案」結構設計委託審查意見。

依　據：委任單位112年9月15日結構字第1120061523號函辦理。

審查時間：民國112年9月28日下午2時至4時

民國113年2月16日下午2時30分至4時30分

審查機構：台北市結構工程工業技師公會

設計單位：中興工程顧問股份有限公司

台灣電力公司新北市石門區第一核能發電廠之三號低放射性廢棄物貯存庫結構設計審查意見書

第一次審查會議記錄(112.09.28)

壹、基本設計資料說明

一、建築基地概況

三號低貯庫位於核一廠既有 69 kV 開關場位置，北面為輻射防護衣清洗廠房、熱處理設施廠房、二號貯存庫入口以及 27 號倉庫，南面為用過核子燃料室內乾式貯存設施預定地，東面除場內道路，再往東側便為東側山坡高程約介於 EL.25~112；西面除場內道路，再往西側便為乾華溪高程約 EL.13.66~18.78。 三號低貯庫位置如圖 1 所示。本案之開發場址面積為 7732.58㎡。

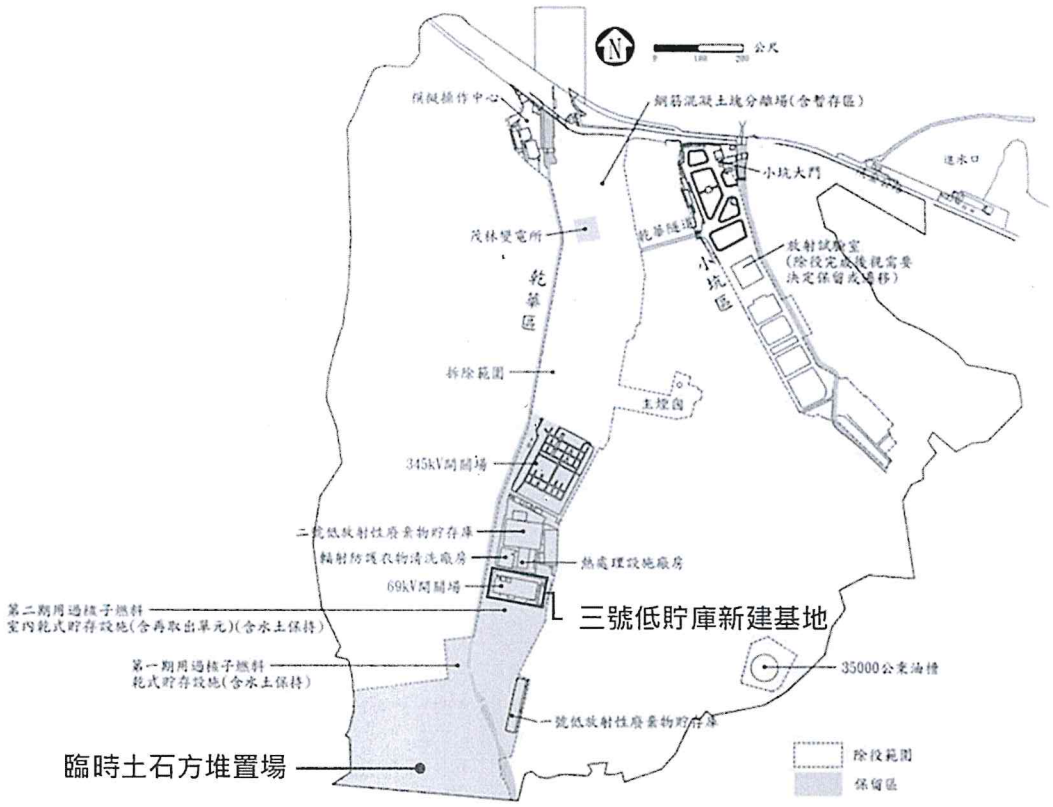


圖 1、基地位置圖

二、建築設計概要

三號低貯庫為單層鋼筋混凝土造建築物，依作業功能需求劃分為貯存區、卸載區及輔助區。由於車輛運輸需求，卸載區之車道高程較低，以利與北側道路銜接。建築佈置詳圖 2~圖 7，各區功能說明如下。

輔助區一樓有保健物理管制站、除污室、操作室、電氣室、緊急柴油發電機室、自來水泵浦室及消防泵浦室等。二樓有管制區及監測區之空調機室等(表 1)。

而卸載區、檢整區及貯存區為一層樓挑高，卸載區為車輛進出之空間，檢整區為 T 容器檢整之區域，貯存區為 T 容器貯存之空間，規劃可貯存 1830 個 T 容器(表 2)。

表 1、輔助區各樓層高度及主要用途

樓層	樓高(m)	樓層主要用途
R1F	-	一般屋頂
3F	3.4	屋頂平台、電梯機房
2F	5	空調機室
1F	5	保健物理管制站、除污室、操作室、電氣室、緊急柴油發電機室、自來水泵浦室及消防泵浦室

表 2、卸載區、檢整區及貯存區各樓層高度及主要用途

樓層	樓高(m)	樓層主要用途
RF	-	屋頂平台
1F	20.7	容器儲存區、接收檢查區

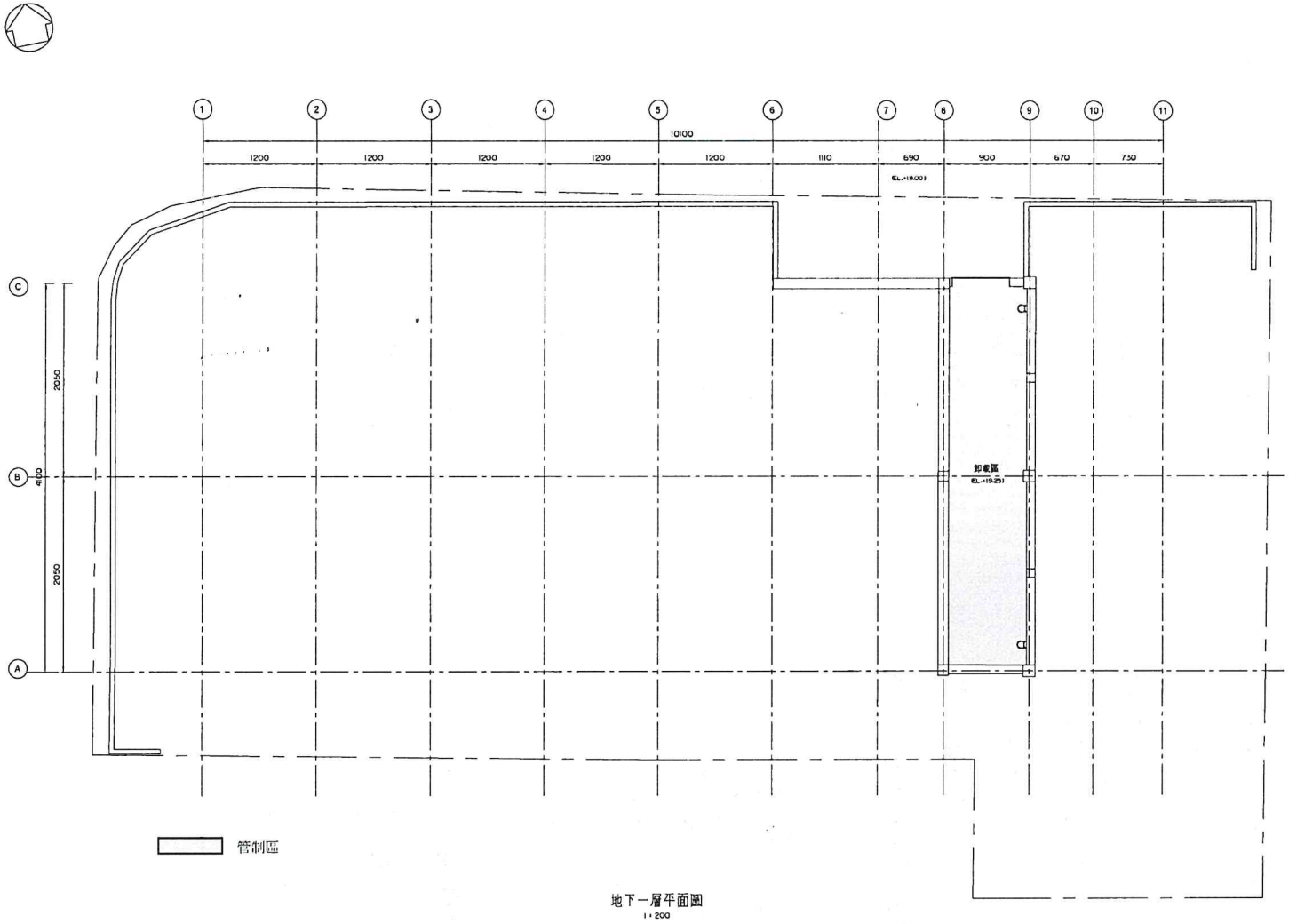


圖 2、地下一層(車道)平面圖

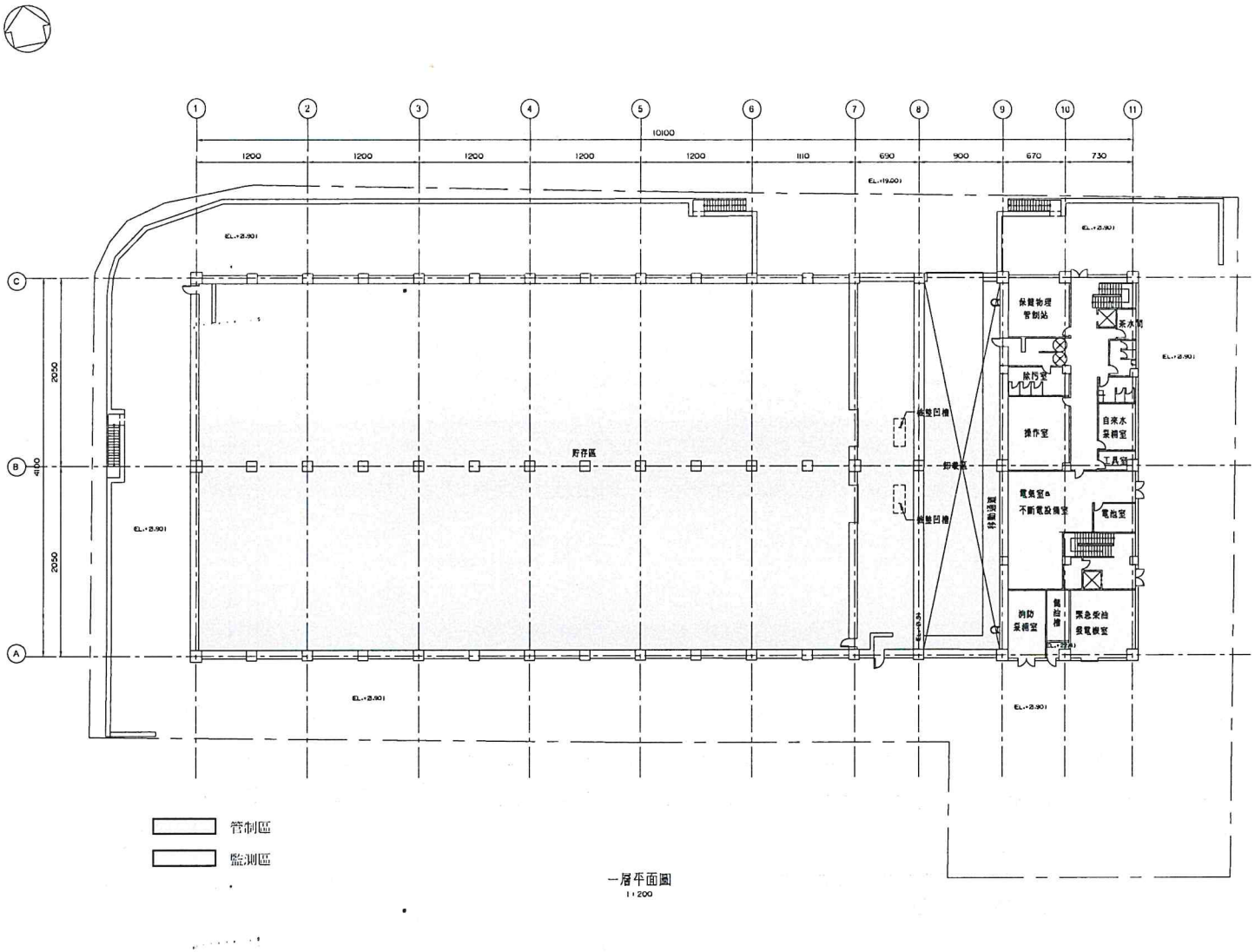
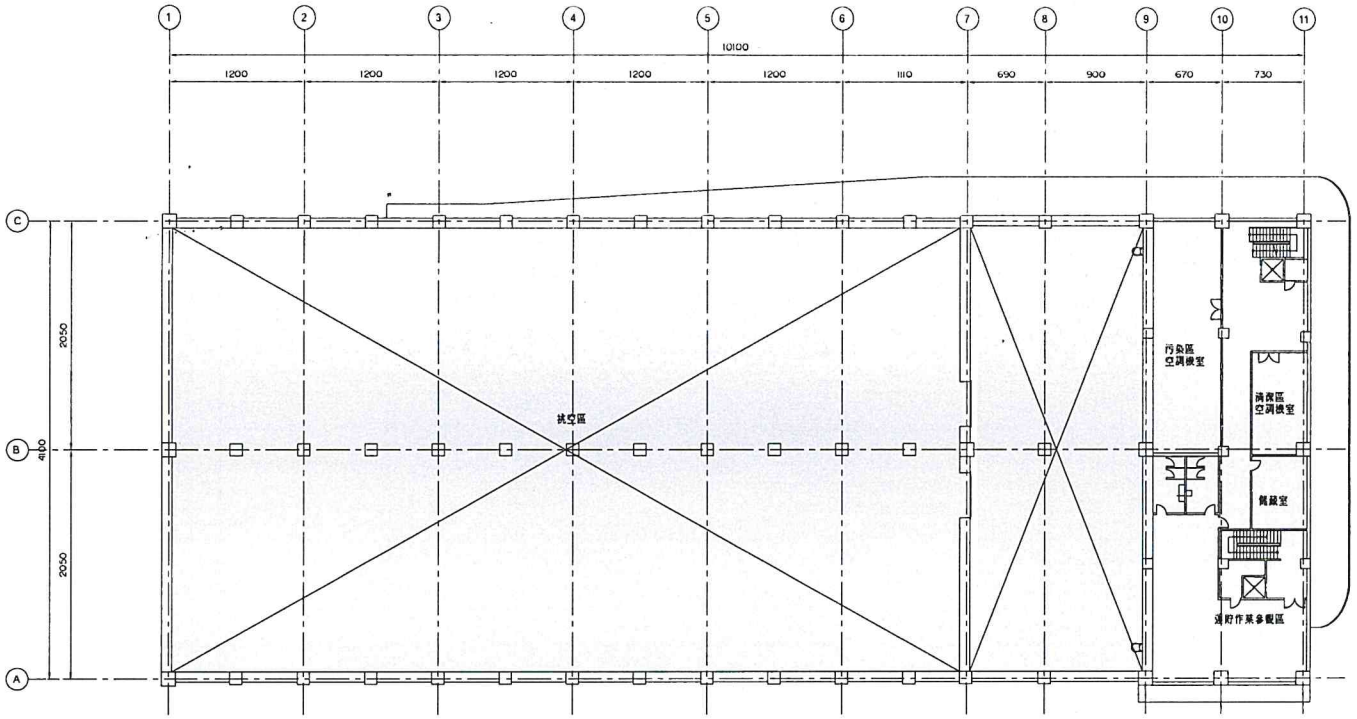

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11
10100
1200
1200
1200
1200
1200
1110
690
900
670
730
A
B
C
2050
4100
2050
EL.+19.20
EL.+2.90
EL.+2.90
EL.+2.90
EL.+2.90
EL.+2.90
EL.+2.90
貯存區
緩衝區
緩衝區
緩衝區
保健物理
管制站
換衣室
操作室
自來水
泵補室
工具箱
電氣室a
不斷電設備室
電池室
消防
泵補室
緊急柴油
發電機室
管制區
監測區
一層平面圖
1:200

圖 3、一層平面圖

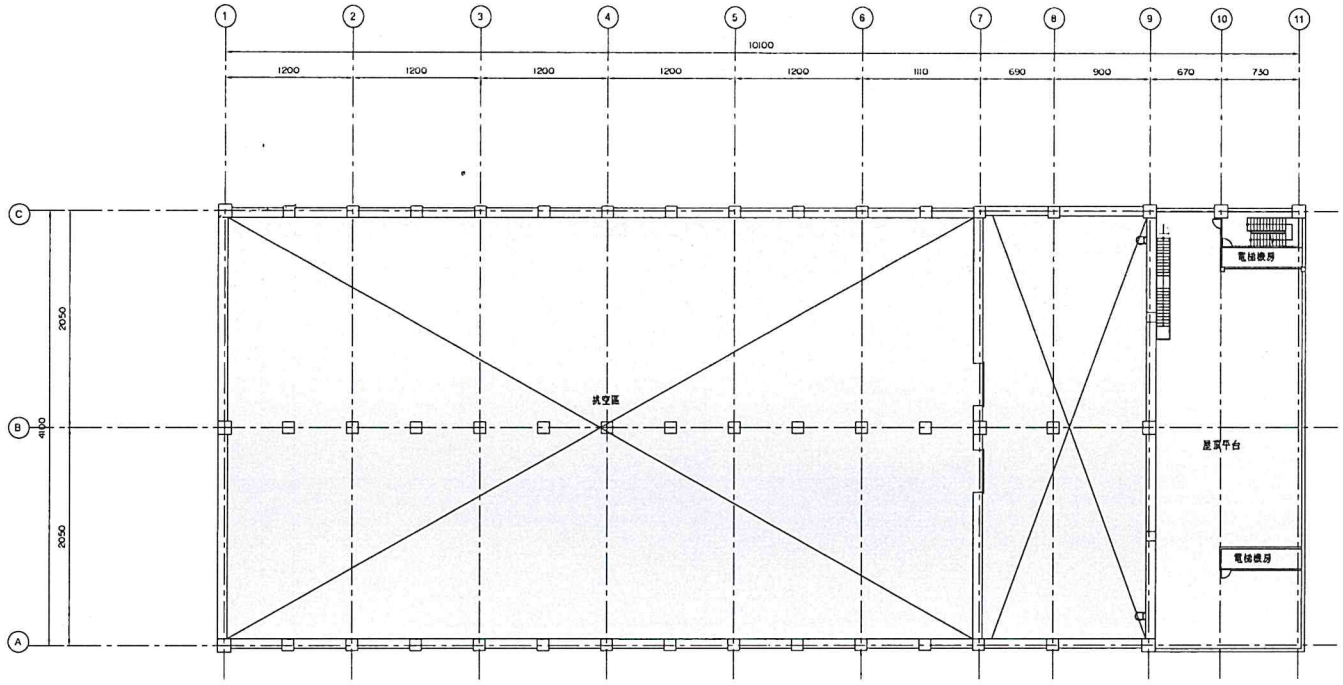


二層平面圖
1:200

管制區

監測區

圖 4、二層平面圖



三層平面圖
1：200

管制區

監測區

圖 5、三層平面圖

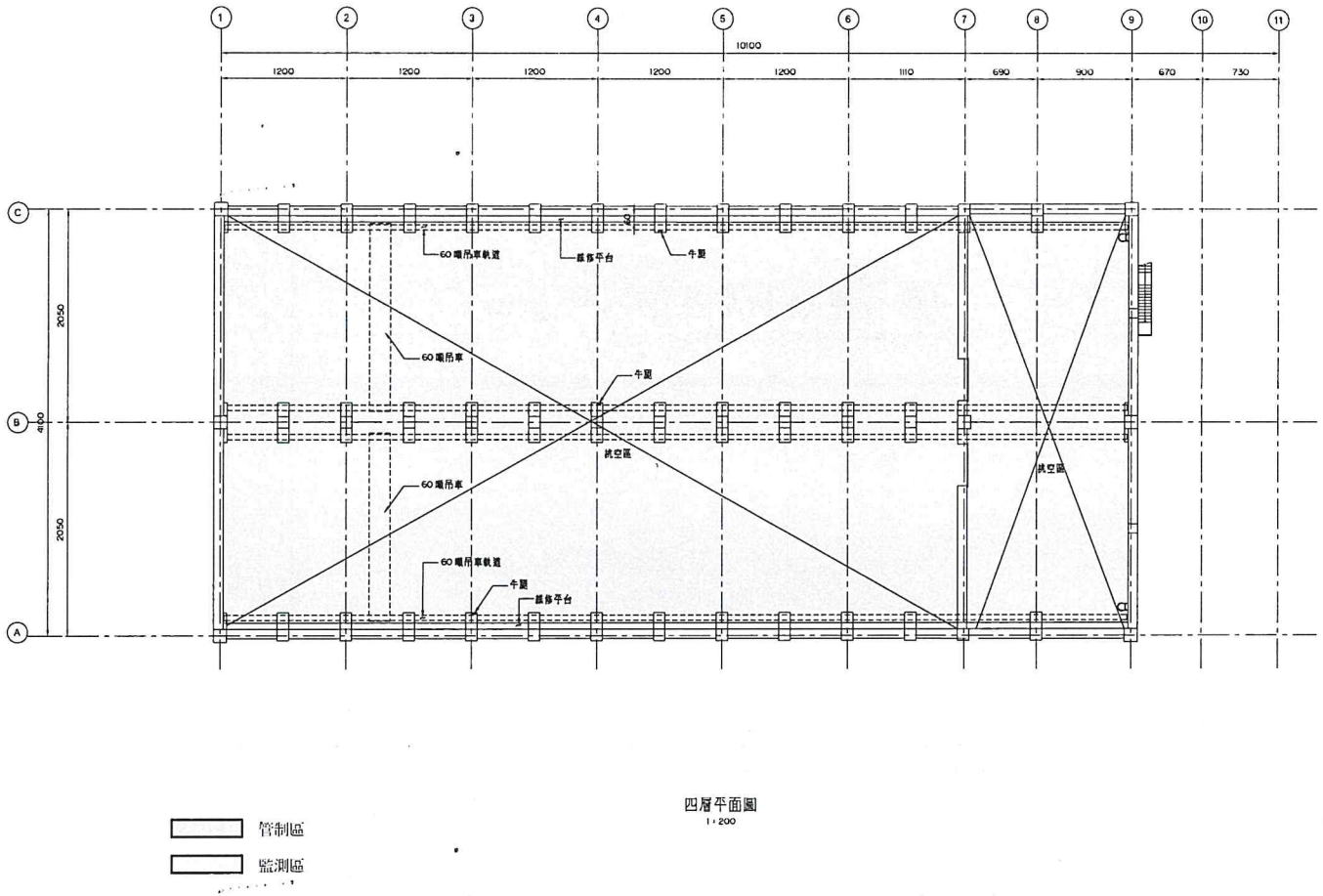


圖 6、四層平面圖(吊車維修平台層)

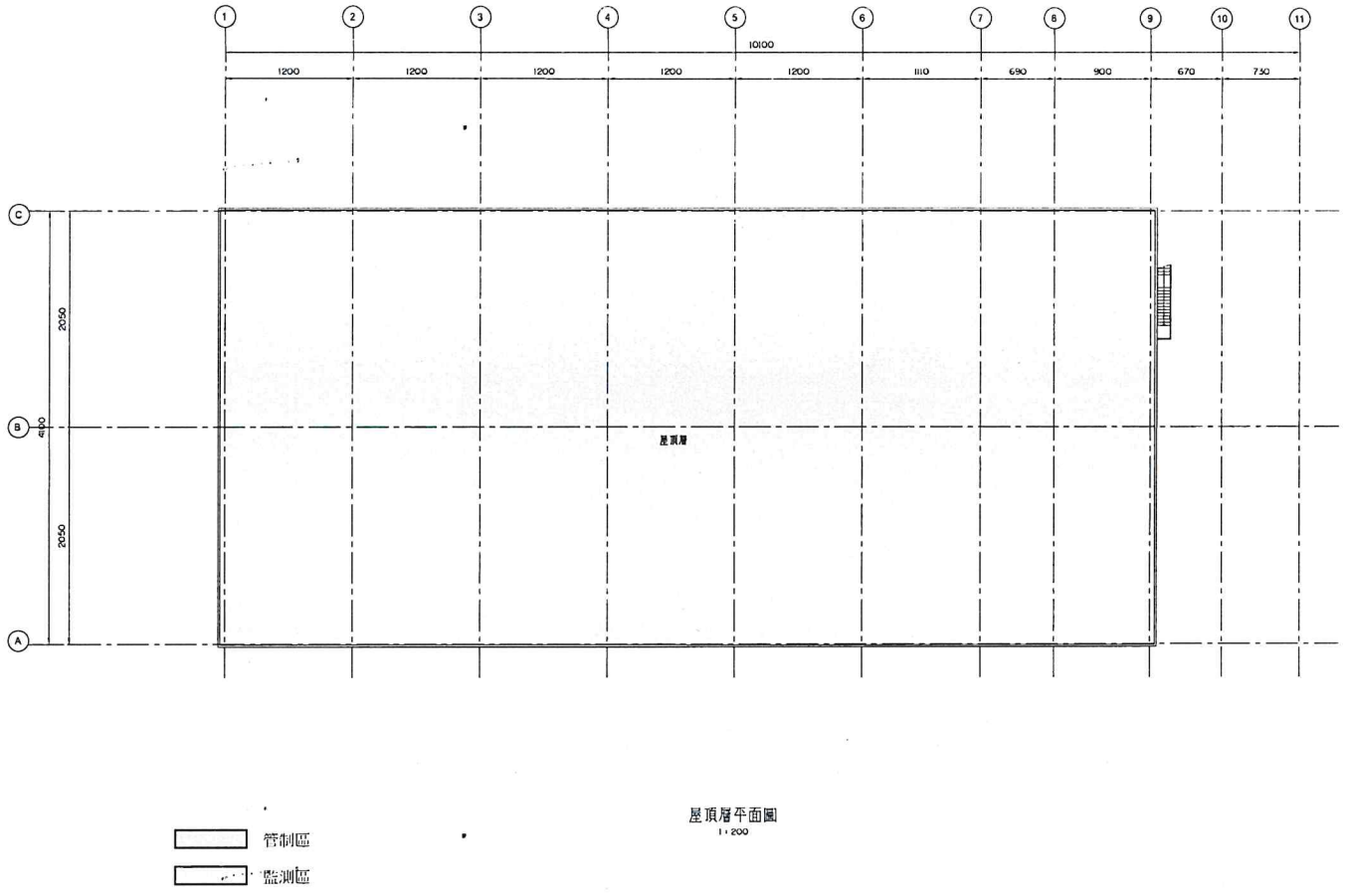

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670
730
C
B
A
2050
4100
2050
屋頂層
屋頂層平面圖
1：200
管制區
監測區

圖 7、屋頂層平面圖

貳、結構系統說明

一、結構系統概述

三號低貯庫結構體規劃為鋼筋混凝土結構，而配合建築空間需求及機能，三號低貯庫分為貯存區及輔助區。貯存區為單層挑高建築，長 87 m，寬 41 m，高 20.7 m；輔助區為兩層樓建築，長 15.5 m，寬 41 m，總樓高 13 m。此外，貯存區外牆及屋頂版因輻射屏蔽之需求，分別採用 90 cm 厚之 RC 牆及 35 cm 厚 RC 版。另外，結構基礎採平板型式以將上部結構載重傳遞至地下土層。

二、材料及強度

1. 鋼筋

(1) D13(#4)(含)以上，竹節鋼筋 fy = 4200 kgf/cm^2。(CNS560 A2006 SD420W)。

(2) D10(#3)(含)以下，竹節鋼筋 fy = 2800 kgf/cm^2。(CNS560 A2006 SD280)。

(3) 鋼筋續接器：SA 級。

2. 混凝土 28 天齡期抗壓強度，水泥採用卜特蘭第 2 型水泥。

(1) 主體結構：fc' ≧ 350 kgf/cm^2。

(2) 打底用混凝土：fc' ≧140 kgf/cm^2。

3. 結構鋼材

(1) 鋼材：SN400A (CNS 13812 G3262)。

(2) 高強度螺栓：JIS S10T。

(3) 銲材：E70XX。

(4) 基礎螺栓：ASTM F1554 GR.36。

(5) 剪力釘材質：ASTM A108。

(6) 接合板、剪力板材質 CNS 13182 SN400B 或與母材相同。

三、設計荷重

三號低貯庫結構設計載重類型，可大致分為垂直力、側向力，各載重類型包含項目列於表 3 及載重示意圖詳如圖所示。

表 3、設計載重項目表

載重類型	包含項目
垂直力	靜載重、活載重、上浮力
側向力	風力、地震力

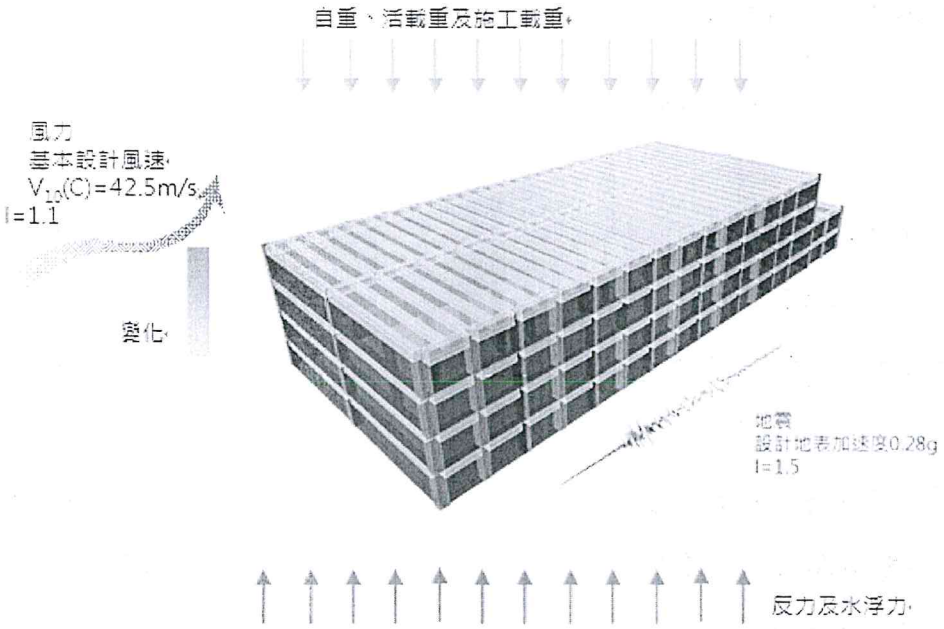


圖 8、設計載重示意圖

1. 靜載重

(1) 包含建築物本身各部份構件之重量，如牆壁、隔牆、樑柱、樓版、屋頂等，可移動隔牆不作為靜載重；固定於建築物構造上各物之重量，如管線、建築裝修、防水、隔熱材及太陽能板等。

(2) 本計畫結構工程使用材料為鋼筋混凝土單位重 2,400 kg/m^3，無筋混凝土單位重 2,300 kg/m^3，樓板靜載重考量詳如表 4 所示。

表 4、樓板靜載重

項目	單位面積重(kgf/m^2)
屋頂防水、隔熱材	200
天花板、管線及其他	50
太陽能板含支撐	150
隔間牆	100
粉刷	50

2. 活載重

垂直載重中不屬於靜載重者，均為活載重，包含建築物室內人員、傢俱、設備、貯存物品及活動隔間等。

(1) 由於三號低貯庫可貯存 T-Box 數量已由招標規範第 2 條之附件要求之 1,000 個增加為 1,830 個，貯存總重量預估為 73,683 tf，大於 45,000 tf。經重新評估，貯存區樓地板於容器堆疊區之單位面積載重為 54,411 kgf/m^2（以 T2 容器堆疊五層/面積保守估計：40264 kg*5 / 1.85 m / 2 m=54,411 kgf/m^2）。

(2) 依據招標規範第 2 條之附件要求，入出庫及裝卸區可通行 150 tf 全拖車或 9.375 tf/m^2 (300 tf / (4 m × 8 m))。

(3) 依建築技術規則建築構造編第 17 條規定，屋頂平台之活載重為 250 kgf/m^2，機電、貯存及辦公空間之活載重為 1000 kgf/m^2。

(4) 屋頂平台之活載重 250 kgf/m^2，已含火山灰堆積(11.4 cm)之影響。(參考它案「核能電廠鄰近地區之陸域火山與海域火山島調查暨評估工作」之成果)

(5) 考量 66 tf 吊重及 70.62tf 吊車系統自重。吊車系統自重包含：軌道樑重 1.7 tf，桁樑及軌道重 10.185 tf，台車重 20 tf，副結構重 8 tf，其他附加機具重 4.115 tf，吊機重 25 tf，吊鈎組重 1.62 tf。

3. 設計地震力

依照「建築物耐震設計規範及解說」計算結構設計地震力。

結構用途係數	$I = 1.5$
結構系統分類	X 向 - 剪力牆系統 Y 向 - 剪力牆系統
工址分區	新北市石門區
- 工址短週期設計水平譜加速度係數	$S_{DS} = 0.50$
- 工址短週期最大考量水平譜加速度係數	$S_{MS} = 0.70$
- 反應譜短、中週期之分界週期	$T_0^D = 0.60\ sec$ $T_0^M = 0.64\ sec$
結構振動週期	$T_X = 0.090\ sec$ $T_Y = 0.197\ sec$

4. 設計風力

依照「建築物耐風設計規範及解說」計算結構設計風力。

結構用途係數	$I = 1.10$
工址分區	新北市石門區
基本設計風速 V10(C)	42.5 m/s

四、結構設計規範

頒行機關	法規名稱	施行(生效)日期
結構設計規範		
(一)設計載重		
內政部	建築技術規則	111.09
內政部	建築物耐震設計規範及解說	110.10
內政部	建築物耐風設計規範及解說	104.01
(二)結構設計		
內政部	建築物混凝土結構設計規範	113.01
內政部	鋼構造建築物鋼結構設計技術規範 (LRFD)	99.10
內政部	建築物基礎構造設計規範	113.01

五、電腦程式之應用

1. 動力分析：採用 CSI-ETABS (Version 9) 程式執行振態、基本振動周期分析(Mode Shape Analysis)、反應譜分析(Spectrum Analysis)
2. 靜力及基礎分析：採用 CSI-ETABS (Version 9)程式進行靜力分析，並依照 ACI、及建築技術規則構造編等相關規範，檢核其應力。

六、設計載重組合

本案結構設計依據強度設計法(USD)，依據「建築物混凝土結構設計規範」第五章 5.3 節載重組合規定進行桿件設計，載重組合如下所示：

(1)$1.4 \times D$

(2)$1.2 \times D + 1.6 \times L$

(3)$1.2 \times D + 0.5 \times L \pm 1.0 \times E_H$

(4)$1.2 \times D + 0.5 \times L \pm 1.0 \times E_H \pm 0.3 \times E_V$

(5)$1.2 \times D + 0.5 \times L \pm 0.3 \times E_H \pm 1.0 \times E_V$

(6)$1.2 \times D + 0.5 \times L \pm 1.6 \times W$

(7)$0.9 \times D \pm 1.0 \times E_H$

(8)$0.9 \times D \pm 1.0 \times E_H \pm 0.3 \times E_V$

(9)$0.9 \times D \pm 0.3 \times E_H \pm 1.0 \times E_V$

(10)$0.9 \times D \pm 1.6 \times W$

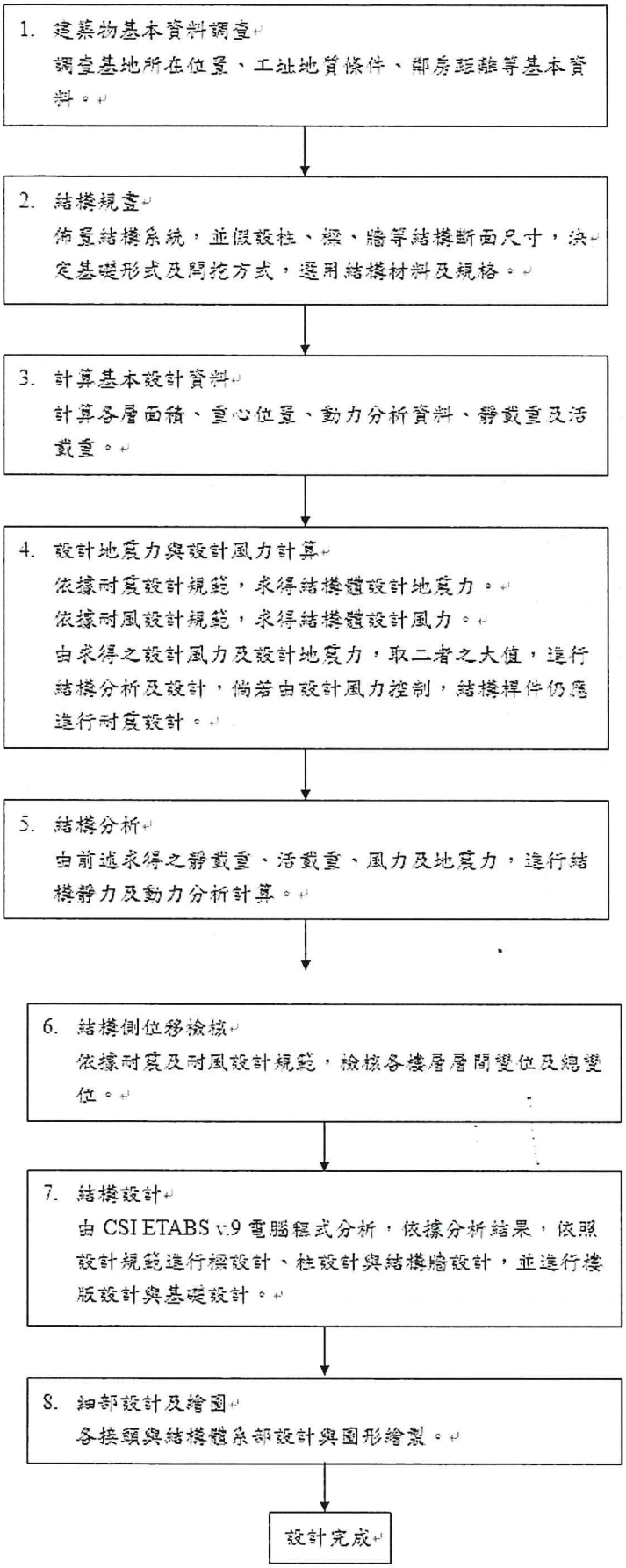
其中：

D：靜載重　　EH：水平地震力　　EV：垂直地震力

L：活載重　　W：風力

備註：(3)~(6) 若為公眾使用之場所、停車場或活載重 L 超過 500kgf/㎡之區域，0.5 增至 1.0L。

七、結構分析及設計流程


1. 建築物基本資料調查
調查基地所在位置、工址地質條件、鄰房距離等基本資料。
2. 結構規畫
佈置結構系統，並假設柱、樑、牆等結構斷面尺寸，決定基礎形式及開挖方式，選用結構材料及規格。
3. 計算基本設計資料
計算各層面積、重心位置、動力分析資料、靜載重及活載重。
4. 設計地震力與設計風力計算
依據耐震設計規範，求得結構體設計地震力。
依據耐風設計規範，求得結構體設計風力。
由求得之設計風力及設計地震力，取二者之大值，進行結構分析及設計，倘若由設計風力控制，結構桿件仍應進行耐震設計。
5. 結構分析
由前述求得之靜載重、活載重、風力及地震力，進行結構靜力及動力分析計算。
6. 結構側位移檢核
依據耐震及耐風設計規範，檢核各樓層層間變位及總變位。
7. 結構設計
由 CSI ETABS v.9 電腦程式分析，依據分析結果，依照設計規範進行樑設計、柱設計與結構牆設計，並進行樓版設計與基礎設計。
8. 細部設計及繪圖
各接頭與結構體系部設計與圖形繪製。
設計完成

參、審查意見及回覆

1. 請確認基礎平板的最大角變量(取相鄰柱之最大角變量)

   回覆：依委員意見修正最大角變量之計算，改取相鄰柱之最大角變量進行檢核，檢核結果中基礎最大角變量約 1/567，符合容許角變量 1/500 之要求。

2. Page story drift 表示方式請再確認

   回覆：依委員意見修正 story drift 之表示方式，修正為 5 ‰。

3. 請確認使用規範是哪一年的

   回覆：依委員意見修正混凝土設計規範及建築物基礎構造設計規範為 112 年版。

4. 本建築物基礎採用平板基礎，報告書部分文字基礎形式採用筏式基礎，請修正

   回覆：依委員意見修正報告書文字為基礎為平板基礎。

5. 依審查會議中貴公司說明，本案針對山腳斷層之地震力進行側推分析，請說明側推分析模型建立原則及簡述分析成果。

   回覆：本案針對山腳斷層地震力之影響，除進行側推分析檢核外，亦進行非線性歷時分析。分述如下：

   本案進行側推分析時，採用臺灣結構耐震評估側推分析法（TEASPA v4.2），其特點為為柱彎矩非線性鉸性質考量斷面軸力彎矩互制曲線，可隨分析過程柱軸力變化動態調整。另外，有關剪力牆部分則考慮成等值寬柱之型式進行分析。經由分析可得，結構於地震強度 0.505 g 之作用下，結構桿件各桿件大多仍處彈性階段，部分垂直桿件產生達塑性爬升段之塑鉸，而僅極少數垂直桿件產生達塑性下降段之塑鉸，且整體結構行為仍未達到降伏，故結構於此狀態下應屬安全階段。

   本案另進行非線性歷時分析，採用有限元素分析模型與側推分析模型相同，惟分析時採用符合需求反應譜之三組人造地震歷時進行輸入擾動進行評估分析。經由分析可得，結構之最大層間變位角約為 0.15%，遠小於一般對於結構物要求之 0.5%。

另由結構各桿件塑鉸發展情形可知，在檢核地震強度(水平：0.505g、垂直0.253g)作用下，產生塑鉸之桿件皆僅達到塑性爬升段(B-C階段)，故結構於檢核地震強度作用下應屬安全階段，安全並無疑慮。

6. 本案係為台電公司委託貴公司進行設計，本會日前取得經濟部書函，建議將所有活動斷層(包含第二類活動斷層)納入耐震設計規範中，請說明此部分設計考量如何進行。

回覆：本案因應管制機關之要求，須依據內政部頒布之建築物耐震設計規範及解說進行設計。惟因最新版之耐震設計規範並未將山腳斷層納入，故本案雖依規範進行耐震設計，但另以定值法求取考慮山腳斷層因素之地震力反應譜，並以側推分析及非線性歷時分析進行結構耐震之檢核。

7. 請問貴公司利用山腳斷層進行定值法地震力計算，之後進行側推分析的主要目的為何？

回覆：本案因應管制機關之要求，須依據內政部頒布之建築物耐震設計規範及解說進行設計。惟因最新版之耐震設計規範並未將山腳斷層納入，故本案另以定值法求取考慮山腳斷層因素之地震力反應譜，並以側推分析及非線性歷時分析進行結構耐震之檢核。

8. 中興公司於建築物基礎設計中採用地盤改良方式增加下方土壤承載力，請說明具體考量原因，若情況許可可考慮直接採用土方挖除、加深基礎方式，將建築基礎底部座落於承載層。

回覆：感謝委員指導。本案基地鑽探已於112年8月底完成，依據地層分布狀況及環境影響評估承諾之土方堆置場容量限制，目前基礎為平板式基礎，調整後基礎底面高程為EL. 20.0m，基礎開挖高程為EL. 19.9m(包含基礎下方0.1m打底PC)，貯存區域基礎將有約70%面積未直接座落於礫石層上。目前設計考量基礎面下方尚存之0~1.1m厚之覆土層將不挖除(亦不進行地盤改良)，並已於此條件下完成層狀地盤之承載

力計算，以及透過三維數值分析方法進行沉陷量評估，確認即使基礎下方存在薄覆土層亦可滿足承載力及沉陷變位之設計需求。

第二次審查會議記錄(113.02.24)

審查意見及回覆

1. 請說明北側及西側樓梯配置

回覆：目前已完成北側與西側擋土牆步行至基地高程之樓梯設計，其位置請參考建築圖說 D-A-0201，樓梯材質採用鋼結構懸臂梯之形式配置。

2. 上述樓梯請考慮防蝕問題

回覆：為延長鋼結構樓梯使用壽命，鋼構表面採用熱浸鍍鋅進行防蝕保護，且熱浸鍍鋅須符合 ASTM 規範之 A123、A163、A384、A385 及 CNS 規範之 CNS10007、CNS8503 規定。

3. 請簡單說明本案進行耐震檢核之原因。

回覆：核一廠三號低貯庫之廠址，位於新北市石門區，惟我國現行之耐震設計規範並未將廠址附近之山腳斷層考慮其中，而為保守考量，本案將額外利用考慮山腳斷層影響之地震反應強度，進行結構耐震檢核評估。

4. 請說明檢核時所採用之非線性歷時分析模型。

回覆：本案進行非線性動力歷時分析所採用有限元素分析模型與側推分析模型相同，其桿件之塑鉸主要是以國家地震工程研究中心與財團法人中興工程顧問社合作提出之 TEASPA 後處理程式產生。其特點為為柱彎矩非線性鉸性質考量斷面軸力彎矩互制曲線，可隨分析過程柱軸力變化動態調整。另外，有關剪力牆部分則考慮成等值寬柱之型式進行分析。

5. 非線性歷時分析所採用之人造地震歷時之製作依據。

回覆：人造地震歷時之製作分為兩部分，第一部分為定值法危害度分析，第二部分為地盤反應分析。

第一部分採用由國震中心於 2019 年提出「Development of the Hazard Input Document for Taiwan using SSHAC Level 3 Methodology Volume 3: GMC Technical Report」，由此報告中選取 9 條衰減式，其控制震源為山腳斷層評估其 PGA 值及反應譜，最終取平均+Sigma 之 PGA 值及平均反應譜為基盤面(Vs30=760m/s)之地震力，並選取 3 組歷史地震依美國 NRC SRP 3.7.1 中 II. ACCEPTANCE CRITERIA 內容，獲得與基盤面反應譜相符之地震歷時。

第二部分採用 SHAKE2000 程式進行模擬，地震力由基盤面輸入，地盤參數取自鑽探資料，最終可獲得基礎面之人造地震歷時。

書面審查意見及回覆(113.05.08)

1. 結構計算書引用之設計規範版本與圖說不符。

回覆：依審查意見修正圖說之規範版本。詳 D-S-0011

壹、參考規範

1. 內政部營建署"建築技術規則"(111.09)
2. 內政部營建署"建築物混凝土結構設計規範"(113.01)
3. 內政部營建署"結構混凝土施工規範"(110.07)

2. 建議結構計算書之設計規範中刪除 ACI 318-19。

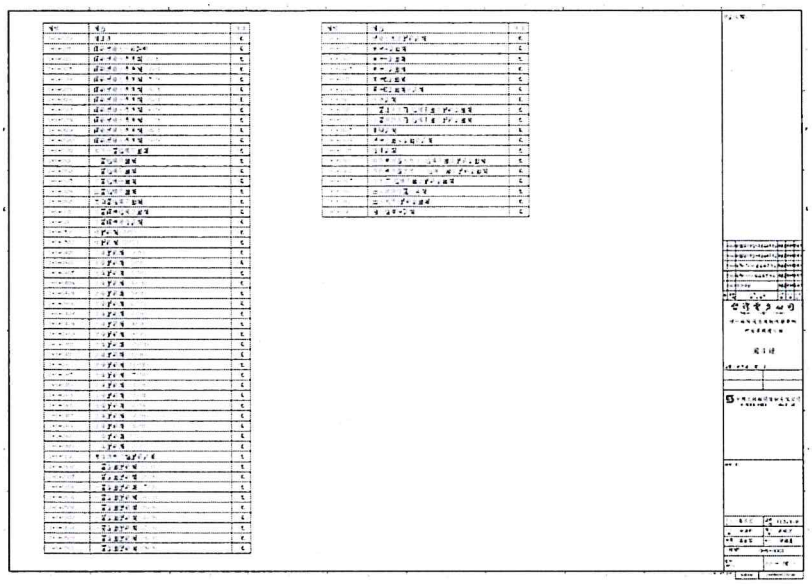
回覆：依審查意見刪除。

3. 本案之設計地震力考慮山腳斷層之近斷層效應，請於計算書中列出該斷層的設計參數。

回覆：本案之設計地震力依耐震設計規範進行計算，未考慮山腳斷層之近斷層效應。而考慮山腳斷層之近斷層效應則另外採側推分析及非線性歷時分析進行結構之耐震檢核。此耐震檢核結果另外呈現於低貯庫結構耐震評估檢核報告中。

4. 請於圖說第一張圖加圖說索引表。

回覆：依審查意見補充圖目錄 D-S-0001。



5. SA 級鋼筋續接器之合格標準依據為何？

回覆：依據建築物混凝土結構設計規範 26.6.5 節之規定。

6. 結構圖中如何區分有剪力牆與與無剪力牆之梁構件的差異？

回覆：梁編號有加 W 者，皆為有剪力牆之梁構件。修正原梁編號 B1、B2、G5~G7 為 WB7、WB8、WG7~WG10。

7. 結構平面圖中，Line C 上無 WB3 之編號，另外 WB3(TYP)是指哪些梁？

回覆：未標示梁編號之梁桿件，即為 WB3，Line C 上之 WB3 與 Line A 處相同，為 WB2 與 WB4 中間之梁桿件。為避免讀圖產生誤解，修訂結構圖說於所有桿件皆標示編號。

8. Line A 與 C 中，B1 梁與剪力牆相鄰將引致較大的彎矩與剪力，請檢核 B1 梁與剪力牆相鄰端之彎矩與剪力需求是否正確？及其配筋？

回覆：本案之鋼筋配置，依模型輸出結果進行設計，2B1 梁(已修改編號為 2WB7)與剪力牆 W90 相鄰端之 Mu=42.55tf-m、Vu=32.87tf，

主筋需求為 15.8cm2、0.179 cm^2/cm，主筋配置 5-#8、剪力筋配置#4@10cm，皆符合需求。

9. 剪力牆中之梁構件（編號有加 W 者），有牆體存在，請說明其端部與中央部主筋量差異如此大的原因為何？

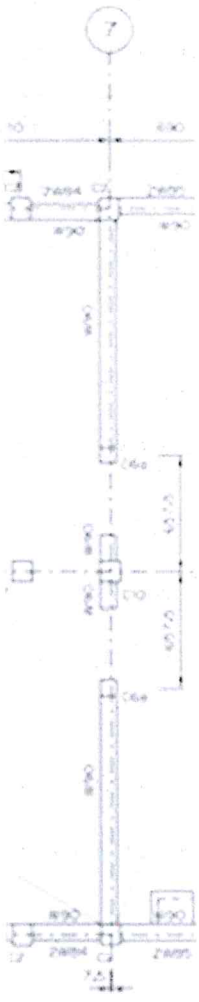
回覆：剪力牆中之梁構件，皆為空構架(不含剪力牆之模型，施加 25%地震力)控制設計，故端部彎矩較大、主筋需求量大。

10. 請繪製剪力牆開孔邊構材配筋細部圖。

回覆：依審查意見檢討柱線 7 剪力牆之邊構材配筋，計算其面外彎矩為 1458tf-m，於牆端配置 90x90 cm 的柱，柱鋼筋採 20-#10，檢核鋼筋量 As, prop=550 cm^2>As, req=509 cm^2，配置符合需求。

S_{DS} =	0.5		
I =	1.5		
Ww =	486.00	tf	
面外橫力 Fp = $0.4IS_{DS}Ww$ =		145.80	tf

垂直鋼筋			
軸力 Pu =	446.693	tf	
彎矩 M1u =	1458.000	tf-m	(面外彎矩)
彎矩 M2u =	442.04	tf-m	
彎矩 M3u =	3766.441	tf-m	(面內彎矩)
sl.max =	45	cm	
ρl,min =	0.0025		
As,req =	509.38	cm^2	
採用	#7	@ 15	cm
ρl =	0.0057	> ρv,min	OK!
牆端柱配筋	20	- #10	
As,prop =	549.96	cm^2	> As,req OK!



結論：

1. 審查會所提意見，設計人已將設計圖及計算書配合修正。
2. 本案結構設計所引用之學理均為目前所認可之理論，其分析與設計之方法尚屬適當，另設計所考量之施工方法亦屬可行，惟設計者據以完成之細部設計及詳細計算應自行負責。建議本案准予通過。

審查機構：台北市結構工程工業技師公會

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王 吳 全

楊 金 龍

中 華 民 國 113 年 5 月 31 日

附件 3-2　核一廠低放 T 容器屏蔽分析計算書

台灣電力公司

附件 3-2

核一廠低放 T 容器屏蔽分析計算書

中華民國 113 年 7 月

目錄

目錄.....i

圖目錄.....ii

表目錄.....iii

一、前言.....1

二、輻射屏蔽分析程式.....2

三、評估模型.....3

3.1 T 容器詳細分析模型驗證.....3

3.2 T 容器分析模型(簡化模型)保守情節假設.....11

3.3 混凝土材料靈敏度分析.....19

3.4 案例 A：T 容器表面至 3 m 處周遭劑量率評估.....21

3.5 案例 B：T 容器表面 5 m 外劑量率評估.....24

3.6 案例 C：T 容器離地 30 cm 位置箱體周遭劑量率評估.....25

3.7 案例 D：T1 容器開蓋情節周遭劑量率評估.....26

四、評估結果.....28

4.1 案例 A 評估結果.....28

4.2 案例 B 評估結果.....32

4.3 案例 C 評估結果.....35

4.4 案例 D 評估結果.....37

五、參考文獻(References).....44

圖目錄

圖 1、T1 模型比對(左)GNS v0[4](右)T1 詳細屏蔽分析模型.....9
圖 2、T2 模型比對(左)GNS v3[4](右)T2 詳細屏蔽分析模型.....9
圖 3、T3 模型比對(左)GNS v3[4](右)T3 詳細屏蔽分析模型.....9
圖 4、T4 模型比對(左)GNS v3[4](右)T4 詳細屏蔽分析模型.....10
圖 5、T5-D 模型比對(左)GNS v3[4](右)T5 詳細屏蔽分析模型 10
圖 6、T1 至 T5 簡化屏蔽分析模型.....11
圖 7、簡化 T1 箱體評估模型(左)X-Z 剖面(右)X-Y 剖面 23
圖 8、簡化 T2-T4 箱體評估模型 X-Z 剖面.....23
圖 9、案例 B 之 T 容器箱體遠處劑量率評估模型 24
圖 10、案例 C 之 T5 容器評估模型(左)未離地案例(右)離地 30 cm 案例 25
圖 11、簡化 T1 箱體開蓋情節評估模型(X-Z 剖面).....26
圖 12、簡化 T1 箱體開蓋情節箱體遠處劑量率評估模型 27
圖 13、T 容器箱體側邊劑量率分布 33
圖 14、T2 容器箱體側邊劑量率分布 33
圖 15、T1 容器開蓋情節箱體側邊劑量率分布 38
圖 16、T1 容器開蓋情節箱體頂部劑量率分布 38

表目錄

表 1、T 容器各材料與周遭環境材料組成 5
表 2、T 容器計算裝載率 6
表 3、T 容器設計活度 6
表 4、劑量轉換因子 ICRP 74 報告周圍等效劑量(H*(10)) 7
表 5、T1 至 T5 所有 2 m 處劑量點之限值最大耗盡率彙整(GNS 驗證報告)[4] .8
表 6、T1 至 T5 所有 2 m 處劑量點之限值最大耗盡率彙整(分析團隊 T 容器詳細屏蔽分析模型結果) 8
表 7、簡化 T1 容器材料組成 12
表 8、簡化 T2 容器材料組成 14
表 9、簡化 T3 容器材料組成 15
表 10、簡化 T4 容器材料組成 16
表 11、簡化 T5 容器材料組成 17
表 12、T 容器簡化模型與 T 容器詳細模型在 2 m 處劑量率比值 18
表 13、PNNL-15870 報告的 86 和 108 號混凝土材料組成[5] 20
表 14、混凝土材料簡易案例分析結果 20
表 15、劑量轉換因子 ICRP 74 報告有效劑量率 AP 照射方向 22
表 16、T 容器箱體表面和距箱體表面 30 cm、1 m、2 m、3 m 處劑量率 29
表 17、T 容器箱體側邊(長邊)距離 5 m、8 m、10 m、15 m、20 m 處劑量率 .34
表 18、T 容器箱體側邊(長邊)距離 25 m、30 m、35 m 和 40 m 處劑量率 34
表 19、T5 容器側邊各距離 T5-A、T5-C、T5-C-30 三案例評估結果 36
表 20、T1 容器開蓋情節箱體表面和距箱體表面 30 cm、1 m、2 m、3 m 處劑量率 39
表 21、T1 容器開蓋情節箱體側邊(長邊)距離 5 m、8 m、10 m、15 m、20 m 處劑量率 42
表 22、T1 容器開蓋情節箱體頂部距離 5 m、8 m、10 m、15 m、20 m 處劑量率 43

一、前言

本報告內容主要係針對低放射性廢棄物裝載容器 T-Box(包含 T1、T2、T3、T4及 T5D，以下總稱為 T 容器)進行箱體周遭劑量率分析。

本報告架構將依其內容概分為以下各章：第二章概述輻射屏蔽分析程式；第三章敘述計算評估模型；第四章為評估結果；第五章條列本報告引用之參考文獻。

二、輻射屏蔽分析程式

本計算書屏蔽分析皆採用 MCNP 程式，MCNP 全名為 Monte Carlo N-Particle Transport Code System 的縮寫，由美國洛斯阿拉摩士國家實驗室(Los Alamos National Laboratory, LANL)所發展，是一具有多功能、三維座標、連續能量、時間依存、包含對光子、電子、中子、質子等 37 種粒子作蒙地卡羅遷移計算之程式。使用由美國布魯克海文國家實驗室(Brookhaven National Laboratory, BNL)、勞倫斯立佛摩爾國家實驗室(Lawrence Livermore National Laboratory, LLNL)、以及洛斯阿拉摩士國家實驗室所建立的能譜截面資料庫：ENDF(Evaluated Nuclear Data File)，作為粒子遷移運算時與物質作用機率之取樣參數。本研究的 MCNP 採用 ENDF/B-VII，該截面庫在 20 MeV 以下的粒子可以連續能量方式進行計算；20 至 150 MeV 能量區間則只有特定元素具有連續能量截面，缺乏之元素資料則以物理模型進行截面計算；150 MeV 以上之粒子截面均以物理模型計算。其內建多樣的變數降低技巧，和內建使用者便利的建模工具，可適用於輻射防護、輻射屏蔽、反應器設計、臨界安全分析、燃料燃耗、醫學物理、偵檢器設計等領域[1]。

蒙地卡羅法能以精確的幾何模型對問題作粒子模擬，原則上如果對各作用過程描述足夠清楚，就能獲得準確的結果，故蒙地卡羅程式模擬時若考慮的評估範圍適當即代表評估結果已包含直接輻射、天空散射、地面散射等各種輻射作用之結果。但因蒙地卡羅法以亂數取樣的方式模擬各事件的發生，為一連串的機率試驗，因此在最後統計粒子行為時，需大量的結果才能產生有意義(有效)的答案，故過程會相當費時，雖然可以引用變異數降低技巧來增進計算效率，但這些技巧使用及參數設定之好壞皆與使用者對問題經驗的累積判斷有關。本計算書於屏蔽分析時所採用的 MCNP 程式為 6.2 版本，以及其所附之核種截面資料庫。

三、評估模型

本章節主要區分為兩部分，第一部分為針對 T 容器分析模型進行驗證及混凝土材料進行靈敏度分析；第二部分為針對 T 容器箱體劑量率進行評估分析。

T 容器分析模型驗證部分，首先參考自 T 容器設計圖說檔案[2-4]所建立的 T 容器詳細分析模型與 GNS 提供的屏蔽分析報告[4]進行比對，驗證 T 容器詳細分析模型之正確性；後續則針對低放貯存設施之屏蔽分析時所需之 T 容器簡化模型進行說明。

T 容器箱體劑量率評估分析，區分為以下幾種案例：

案例 A、T 容器表面(1 cm)至 3 m 處周遭劑量率評估；

案例 B、T 容器表面 5 m 外劑量率評估；

案例 C、T 容器離地 30 cm 箱體周遭劑量率評估；

案例 D、T1 容器開蓋情節周遭劑量率評估；

3.1 T 容器詳細分析模型驗證

分析團隊獨立建構之 T 容器詳細屏蔽分析模型皆參考自 T 容器設計圖說檔案[2-4]，部分容器資訊不明處僅能採簡化處理。材料部分參照 GNS 提供的 T 容器屏蔽驗證報告[4]做法，假設 T 容器內部貯放的金屬廢棄物與外部的結構鋼皆為密度為 7.85 g/cm^3 的純鐵；灌漿的混凝土則引用自 PNNL-15870 報告[5]中的 107 材料編號，密度為 2.10 g/cm^3(同於 GNS 提供的 T 容器屏蔽驗證報告)；T1 容器之鉛屏蔽材料，密度為 11.3 g/cm^3；容器周遭空氣材料參考自 PNNL-15870 報告中的 4 材料編號[5]，密度為 1.205x10^{-3} g/cm^3；後續 T 容器案例應用之泥土材料，參考自 PNNL-15870 報告中的 116 材料編號[5]，密度為 1.52 g/cm^3；上述 T 容器各材料與周遭環境材料組成列於表 1。以 GNS 提供的 T 容器屏蔽驗證報告表 3[4]之廢棄物最大體積除以裝載體積得出各 T 容器的裝載率，列於表 2。將表 1 之金屬與混凝土依表 2 的裝載率比例混合，得出各 T 容器預計的金屬廢棄物和灌漿混凝土混合區的材料與密度。

圖 1 至圖 5 為 T 容器模型比對圖，依序為 T1 至 T5-D，圖 1 至圖 5 左圖皆摘錄自 GNS 屏蔽驗證報告[4]，而圖 1 至圖 5 右圖為分析團隊建立之 T 容器詳細屏蔽

分析模型，其中 T1 部分內容摘錄自驗證報告 Rev.0，因其更新設計主要為增加外部頂部屏蔽，故其初始設計為較保守容器模型，後續 T1 相關比較內容皆摘錄自驗證報告 Rev.0，其餘 T2 至 T5-D 相關內容皆皆摘錄自新版本驗證報告[4]。由圖 1 至圖 5 左右圖相對比，可確認 GNS 模型與分析團隊建立之 T 容器詳細屏蔽分析模型近乎一致，惟在容器底部資訊不清楚處有些微差異，但因占比很小且容器底部幾何模型對後續容器及低放貯庫設施相關劑量率評估影響甚小，在此目的為建立後續設施分析採用之容器屏蔽分析模型，故仍為可接受之模型差異。

MCNP 評估，射源設定皆參照各個 T 容器的 ^{60}Co 設計活度，參考自設計報告之表 10[3]，節錄相關內容於表 3。計分劑量率評估採用的劑量轉換因子為 ICRP 74 報告中之周圍等效劑量(Ambient Dose Equivelent, H*(10))，同於 GNS 屏蔽驗證報告，相關參數列於表 4[6]。

將 T 容器詳細屏蔽分析模型評估結果與 GNS 驗證報告進行比對。摘錄 GNS 驗證報告表 4 之 ^{60}Co 相關劑量限值最大耗盡率結果[4]為表 5，分析團隊之 T 容器詳細屏蔽分析模型評估結果列於表 6。T 容器相關劑量限值設計要求為須符合 IAEA 放射性物質安全運送規則：包件外表面任一點劑量率不超過 2 mSv/h、運送車輛外表面任一點劑量率不超過 2 mSv/h 及運送工具距離外部 2 m 處任一點不超過 0.1 mSv/h。表 5 與表 6 兩者結果相比 T1 至 T5-D 在 2 m 處劑量限制最大耗盡位置皆相同(紅色字體)，代表容器屏蔽特性一致，特別是佔後續設施容器數目最大量的 T5-D 在 2 m 處各處劑量限值耗盡率近乎完全相同。其餘容器位置之劑量限值耗盡率差異可藉由後續 T 容器詳細屏蔽分析模型簡化為 T 容器屏蔽分析模型來確保其保守假設。

表 1、T 容器各材料與周遭環境材料組成

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
金屬結構	Fe	100.00	7.85
混凝土	H	2.21	2.10
	C	0.25	
	O	57.49	
	Na	1.52	
	Mg	0.13	
	Al	2.00	
	Si	30.46	
	K	1.00	
	Ca	4.30	
	Fe	0.64	
鉛	Pb	100.00	11.3
空氣	C	0.01	1.205E-3
	N	75.53	
	O	23.18	
	Ar	1.28	

表 1、T 容器各材料與周遭環境材料組成(續)

泥土	O	51.37	1.52
	Na	0.61	
	Mg	1.33	
	Al	6.86	
	Si	27.12	
	K	1.43	
	Ca	5.12	
	Ti	0.46	
	Mn	0.07	
	Fe	5.63	

表 2、T 容器計算裝載率

容器類型	T1	T2	T3	T4	T5-D
計算之裝載率	45.16%	43.24%	39.67%	46.23%	50.00%

表 3、T 容器設計活度

容器類型	T1	T2	T3	T4	T5-D
^{60}Co 設計活度 (Bq)	7.10×10^{14}	8.80×10^{13}	2.83×10^{12}	7.45×10^{11}	2.26×10^{10}

表 4、劑量轉換因子 ICRP 74 報告周圍等效劑量(H*(10))

能量 (MeV)	ICRP74: H*10/ φ (pSv-cm^2)	能量 (MeV)	ICRP74: H*10/ φ (pSv-cm^2)
0.010	0.061	0.24	1.44
0.015	0.83	0.30	1.8
0.017	0.96	0.40	2.38
0.020	1.05	0.50	2.93
0.024	0.98	0.60	3.44
0.030	0.81	0.80	4.38
0.040	0.64	1.00	5.20
0.050	0.55	1.20	5.90
0.060	0.51	1.50	6.90
0.069	0.51	2.00	8.60
0.080	0.53	3.00	11.10
0.089	0.56	4.00	13.40
0.10	0.61	5.00	15.50
0.12	0.71	6.00	17.60
0.15	0.89	8.00	21.60
0.17	1.01	10.00	25.60
0.20	1.2		

表 5、T1 至 T5 所有 2 m 處劑量點之限值最大耗盡率彙整(GNS 驗證報告)[4]

位置	T1	T2	T3	T4	T5-D
短邊	86.0%	78.0%	75.0%	77.0%	93.0%
長邊	86.0%	77.0%	77.0%	78.0%	100.0%
頂部	100.0%	100.0%	100.0%	100.0%	70.0%
底部	65.0%	94.0%	92.0%	94.0%	44.0%

表 6、T1 至 T5 所有 2 m 處劑量點之限值最大耗盡率彙整(分析團隊 T 容器詳細屏蔽分析模型結果)

位置	T1	T2	T3	T4	T5-D
短邊	60.23%	68.43%	63.84%	65.40%	93.29%
長邊	60.52%	66.71%	65.55%	66.20%	100.00%
頂部	100.00%	100.00%	100.00%	100.00%	68.02%
底部	49.16%	77.61%	77.38%	79.31%	45.79%

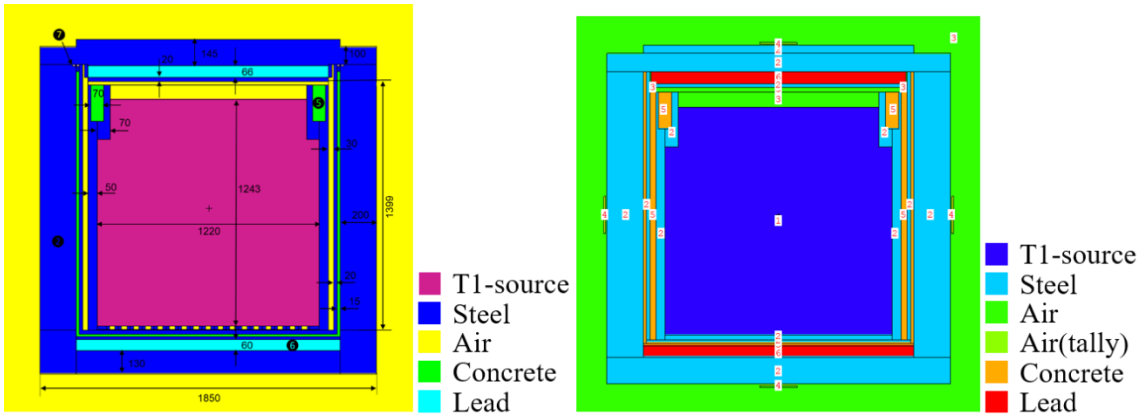


圖 1、T1 模型比對(左)GNS v0[4](右)T1 詳細屏蔽分析模型

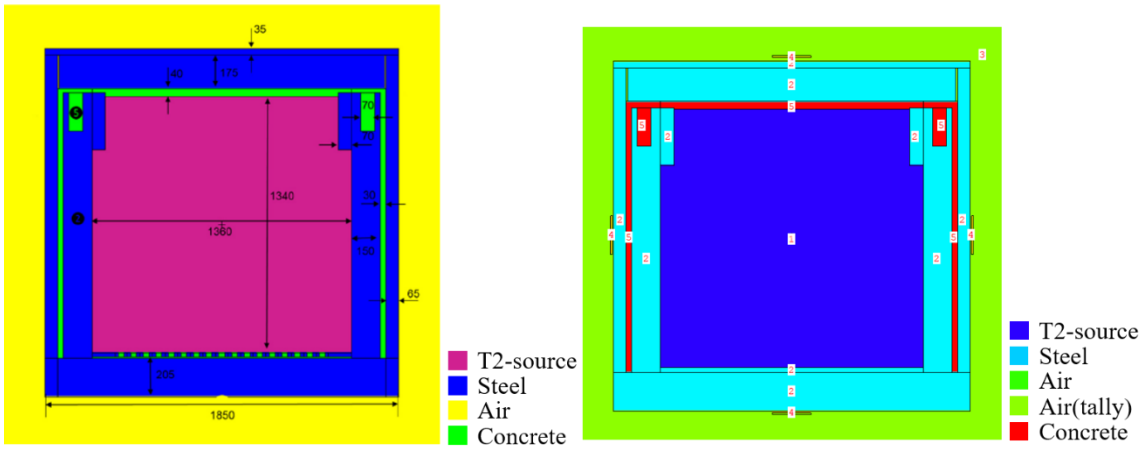


圖 2、T2 模型比對(左)GNS v3[4](右)T2 詳細屏蔽分析模型

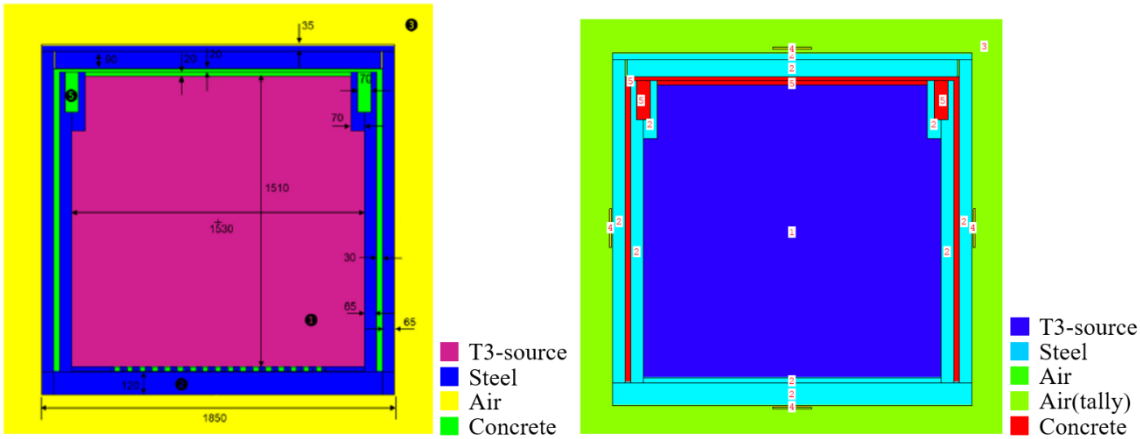


圖 3、T3 模型比對(左)GNS v3[4](右)T3 詳細屏蔽分析模型

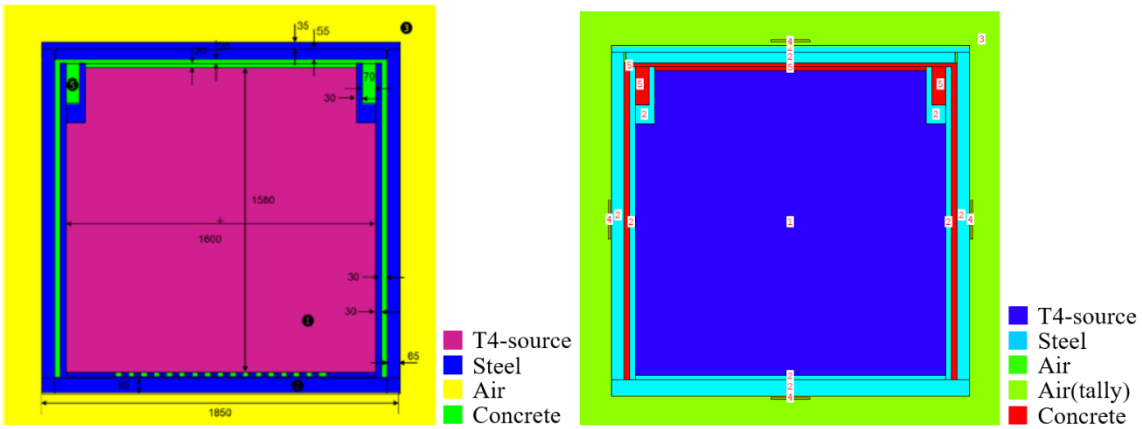


圖 4、T4 模型比對(左)GNS v3[4](右)T4 詳細屏蔽分析模型

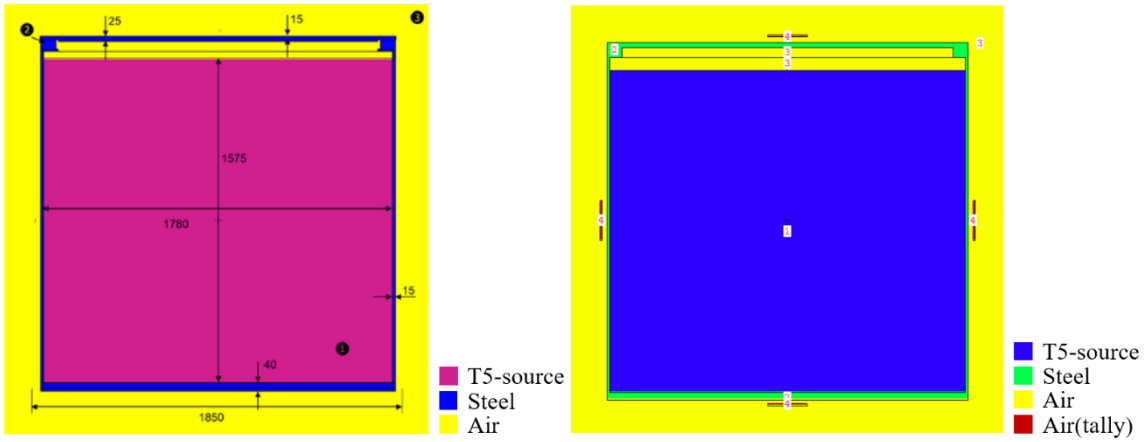


圖 5、T5-D 模型比對(左)GNS v3[4](右)T5 詳細屏蔽分析模型

3.2 T 容器分析模型(簡化模型)保守情節假設

T 容器屏蔽分析模型參考自 T 容器設計圖說檔案[2-4]，為以同樣的 T 容器分析模型應用於貯存設施的屏蔽分析，T 容器幾何須採必要之簡化，3.1 節描述分析團隊建立之 T 容器詳細屏蔽分析模型，本節將簡述其簡化過程及確保採簡化後之 T 容器分析模型進行後續劑量率評估為較保守之假設。本計算書在後續 3.4 至 3.7 節描述之案例皆以本節描述之簡化 T 容器分析模型進行劑量率評估。

簡化之 T 容器分析模型，箱體外尺寸固定為 2.0 m×1.85 m×1.85 m，除 T1 容器外，T2 至 T5 容器皆區分為兩個區塊：內部為金屬廢棄物和灌漿混凝土混合區，外部為不銹鋼屏蔽結構，均質化原則為以提籃內尺寸位置劃分為內部金屬廢棄物和灌漿混凝土均質區域再進行微調；T1 容器因其屏蔽設計在容器上下方帶有鉛作為屏蔽材料，與前述 T2 至 T5 不同，將其簡化區分為四區：上、下、側邊為三個屏蔽區域，中間為金屬廢棄物和灌漿混凝土混合區，模型簡化圖參閱圖 6。T 容器簡化過程中不論是內部金屬廢棄物、灌漿混凝土和外部屏蔽結構，各材料核種皆保持質量不變。

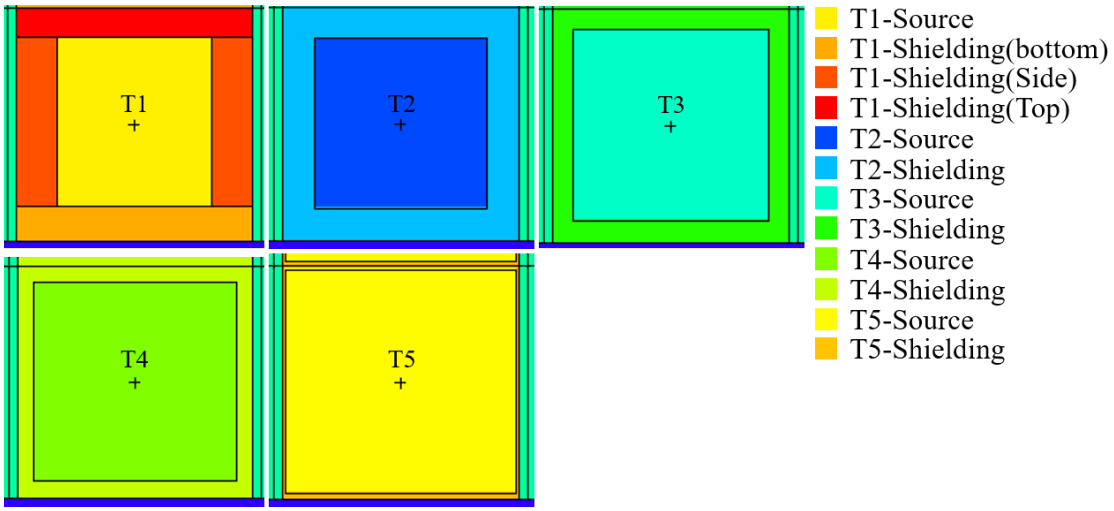


圖 6、T1 至 T5 簡化屏蔽分析模型

材料部分同於 3.1 節描述，T 容器各材料與周遭環境材料組成列於表 1。T 容器裝載率列於表 2。將表 1 之金屬與混凝土依表 2 的裝載率比例混合，得出各 T 容器預計的金屬廢棄物和灌漿混凝土混合區的材料與密度，再經幾何簡化均質為 T 容器簡化模型材料，相關簡化 T 分析容器模型材料參數列於表 7 至表 11。MCNP 評估同於 3.1 節，射源設定皆參照各個 T 容器的 ^{60}Co 設計活度(表 3)。計分劑量率評估採用的劑量轉換因子為 ICRP 74 報告中之周圍等效劑量(表 4[6])。

表 7、簡化 T1 容器材料組成

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
T1-Source	H	0.54	4.29
	C	0.06	
	N	0.002	
	O	13.97	
	Na	0.37	
	Mg	0.03	
	Al	0.48	
	Si	7.40	
	Ar	0.00003	
	K	0.24	
	Ca	1.04	
	Fe	75.86	
T1-Shielding Bottom	H	0.02	7.64
	C	0.002	
	N	0.0005	
	O	0.55	
	Na	0.01	
	Mg	0.001	
	Al	0.02	
	Si	0.29	
	Ar	0.00001	
	K	0.01	

表 7、簡化 T1 容器材料組成(續)

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
T1-Shielding Bottom	Ca	0.04	7.64
	Fe	78.45	
	Pb	20.60	
T1-Shielding Side	H	0.11	7.09
	C	0.01	
	O	2.80	
	Na	0.07	
	Mg	0.01	
	Al	0.10	
	Si	1.49	
	K	0.05	
	Ca	0.21	
	Fe	95.15	
T1-Shielding Top	C	0.0000002	7.50
	N	0.001	
	O	0.0003	
	Ar	0.00002	
	Fe	75.89	
	Pb	24.11	

表 8、簡化 T2 容器材料組成

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
T2-Source	H	0.57	4.12
	C	0.06	
	O	14.94	
	Na	0.40	
	Mg	0.03	
	Al	0.52	
	Si	7.92	
	K	0.26	
	Ca	1.12	
	Fe	74.18	
T2-Shielding	H	0.14	7.01
	C	0.02	
	N	0.0003	
	O	3.53	
	Na	0.09	
	Mg	0.01	
	Al	0.12	
	Si	1.87	
	Ar	0.00001	
	K	0.06	
	Ca	0.26	
	Fe	93.89	

表 9、簡化 T3 容器材料組成

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
T3-Source	H	0.64	3.92
	C	0.07	
	O	16.63	
	Na	0.44	
	Mg	0.04	
	Al	0.58	
	Si	8.81	
	K	0.29	
	Ca	1.24	
	Fe	71.27	
T3-Shielding	H	0.20	6.98
	C	0.02	
	N	0.0005	
	O	5.13	
	Na	0.14	
	Mg	0.01	
	Al	0.18	
	Si	2.72	
	Ar	0.00001	
	K	0.09	
	Ca	0.38	
	Fe	91.14	

表 10、簡化 T4 容器材料組成

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
T4-Source	H	0.50	4.45
	C	0.06	
	O	13.08	
	Na	0.35	
	Mg	0.03	
	Al	0.45	
	Si	6.93	
	K	0.23	
	Ca	0.98	
	Fe	77.40	
T4-Shielding	H	0.26	6.59
	C	0.03	
	N	0.0006	
	O	6.67	
	Na	0.18	
	Mg	0.01	
	Al	0.23	
	Si	3.53	
	Ar	0.00001	
	K	0.12	
	Ca	0.50	
	Fe	88.47	

表 11、簡化 T5 容器材料組成

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
T5-Source	H	0.47	4.34
	C	0.05	
	N	0.001	
	O	12.13	
	Na	0.32	
	Mg	0.03	
	Al	0.42	
	Si	6.43	
	Ar	0.00002	
	K	0.21	
	Ca	0.91	
	Fe	79.03	
T5-Shielding	C	0.000002	7.84
	N	0.01	
	O	0.004	
	Ar	0.0002	
	Fe	99.98	

T 容器簡化模型與 T 容器詳細模型在 2 m 處劑量比值列於表 12，其中小於 1 之數值以紅色字體呈現。表 12 中大於 1 之劑量率比值，代表 T 容器簡化模型對應詳細模型為較保守假設，但為後續低放貯庫設施相關劑量率評估能更貼近真實結果，亦不希望此處 T 容器簡化模型會造成過度保守。在表 12 中除去小於 1 之數值，多數比值皆落於 1 至 2 之間，特別是低放貯庫 T 容器排放最多的 T5 容器，劑量率比值皆落於 1 至 1.20 之間，避免呈現過度保守之低放貯庫設施相關劑量率評估結果；僅特別在 T1 頂部比值為 5.19，此為 T1 簡化模型較保守現象，又因 T1 設計活度為最大值，且在 T1 已經採較保守之初始設計模型，此保守情節可視為整體設施評估結果之保守假設。

表 12 中 T1、T2 及 T5-D 各處劑量率比值皆大於 1，此三種 T 容器其簡化模型對應詳細模型皆為保守假設；T3 和 T4 兩者在容器底部數值各別為 0.87 與 0.94 皆小於 1，但因底部劑量率對應後續容器及低放貯庫設施相關劑量率評估影響甚小，故在此互略其簡化模型對應之影響；T3 頂部數值為 0.98，已經很接近數值 1，且對應後續低放貯庫 T 容器排放方式，T3 為相對數目少之容器(僅比 T1 數目多)，仍為可皆接受之簡化模型。

綜上所述，檢視表 12 呈現 T1 至 T5-D 之簡化模型對應詳細模型劑量率比值，可視為 T 容器分析模型(簡化模型)在後續低放貯庫設施相關劑量率評估為較保守情節假設。

表 12、T 容器簡化模型與 T 容器詳細模型在 2 m 處劑量率比值

位置	T1	T2	T3	T4	T5-D
短邊	1.02	1.64	1.28	1.34	1.12
長邊	1.11	1.82	1.34	1.42	1.12
頂部	5.19	1.34	0.98	1.01	1.19
底部	1.99	1.20	0.87	0.94	1.06

3.3 混凝土材料靈敏度分析

本節將針對 T 容器及後續設施輻射屏蔽分析應用的混凝土材料進行靈敏度分析探討。

分析團隊進行 T 容器及後續設施輻射屏蔽分析應用時，採用的混凝土材料皆為 PNNL-15870 報告中的 107 號材料[5](來源於 NIST)，在 GNS 提供的 T 容器屏蔽驗證報告中沒有明確的混凝土材料資訊時，採以同樣 GNS 屏蔽驗證報告設定密度 2.1 g/ cm^3，此為合理之模擬假設。

本團隊以 MicroShield Pro v13 程式，進行 PNNL-15870 報告的 86 (Concrete, Los Alamos (MCNP) Mix, 密度 2.25 g/cm^3)、108 (Concrete, Portland , 密度 2.3 g/cm^3)、107 (Concrete, Ordinary (NIST), 原密度 2.3 g/cm^3 修改同於 GNS 屏蔽驗證報告混凝土密度設定 2.1 g/cm^3)號混凝土材料進行簡易案例分析，上述三種混凝土材料組成列於表 1 和表 13，討論距離 1 m 與 100 m 劑量率，此處劑量轉換因子採 ICRP 74 報告中之有效劑量率 AP 方向。

參閱表 1 和表 13，PNNL-15870 報告的 86、108 和 107 號混凝土材料，核種比重前三者皆為氧、矽和鈣，總和佔比皆大於 90 %，其餘材料核種約略有 10 %差異。以 MicroShield Pro v13 程式對 PNNL-15870 報告的 86、108 和 107 號混凝土材料進行簡易案例分析結果列於表 14。其結果呈現混凝土材料設定在相對低密度，在遠處劑量率會為較保守情節，表 14 劑量率差異對應混凝土材料核種差異，應為材料密度差異影響更大。上述結果確認對光子遷移計算而言，材料密度差異影響大於材料組成差異，密度越低劑量率越大。

分析團隊後續將以 PNNL-15870 報告中的 107 號混凝土材料[5]進行 T 容器與低放貯庫設施劑量率分析，並將其材料密度設定採 2.1 g/cm^3，此為相對低密度，其在 T 容器及低放貯庫設施劑量率分析結果會為較保守。

表 13、PNNL-15870 報告的 86 和 108 號混凝土材料組成[5]

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
PNNL-15870 報告混凝土材料 86 號	H	0.453%	2.25
	O	51.260%	
	Si	36.036%	
	Al	3.555%	
	Na	1.527%	
	Ca	5.791%	
	Fe	1.378%	
PNNL-15870 報告混凝土材料 108 號	H	1.00%	2.3
	C	0.10%	
	O	52.91%	
	Na	1.60%	
	Mg	0.20%	
	Al	3.39%	
	Si	33.70%	
	K	1.30%	

表 14、混凝土材料簡易案例分析結果

PNNL-15870 報告混凝土材料	劑量率 1 m (mSv/h)	劑量率差異	劑量率 1 00 m (mSv/h)	劑量率差異	密度差異
86 號(2.25 g/cm^3)	3.485	-4.76%	6.891E-04	-4.96%	7.14%
108 號(2.3 g/cm^3)	3.397	-7.16%	6.708E-04	-7.49%	9.52%
107 號(2.1 g/cm^3)	3.659	0.00%	7.251E-04	0.00%	0.00%

3.4 案例 A：T 容器表面至 3 m 處周遭劑量率評估

案例 A 係評估 T 容器箱體表面(1 cm)及距離箱體 30 cm、1 m、2 m、3 m 處位置之上方、下方及側邊(長、短邊)劑量率。在此定義以 T 容器長 2 m 處為側邊之長邊，T 容器寬 1.85 m 處為側邊之短邊。案例模型考慮 T 容器位於空氣包覆的空間內，僅考慮 T 容器幾何模型與周遭空氣環繞，不考慮其他材料。空氣材料組成列於表 1，參考自 PNNL-15870 報告中的 4 材料編號[5]，密度為 1.205×10^{-3} g/cm^3。

MCNP 評估，射源設定皆參照各個 T 容器的 ^{60}Co 設計活度(表 3)。計分劑量率評估採用的劑量轉換因子為 ICRP 74 報告中之有效劑量率 AP 方向，相關參數列於表 15[6]。

圖 7 為簡化 T1 箱體評估模型，圖 7(左)為 X-Z 剖面，可以明顯看出簡化 T1 箱體模型共區分為四區(金屬射源區及上、下、側邊屏蔽區)，箱體周圍被空氣包覆。搭配圖 7(右)為 X-Y 剖面，考量箱體表面(1 cm)、距離箱體 30 cm、1 m、2 m、3 m 處之上方、下方及側邊為模擬計分處(紅色範圍)。圖 8 為簡化 T2-T5 箱體評估模型的 X-Z 剖面，簡化 T2-T5 箱體皆區分為兩區，箱體周圍被空氣包覆，同樣考量箱體表面(1 cm)、距離箱體 30 cm、1 m、2 m、3 m 處之上方、下方及側邊為模擬計分處(紅色範圍)。

表 15、劑量轉換因子 ICRP 74 報告有效劑量率 AP 照射方向

能量 (MeV)	ICRP74: E-AP ($pSv\text{-}cm^2$)	能量 (MeV)	ICRP74: E-AP ($pSv\text{-}cm^2$)
0.01	4.85E-02	0.30	1.51E+00
0.015	1.25E-01	0.40	2.00E+00
0.02	2.05E-01	0.50	2.47E+00
0.03	3.00E-01	0.60	2.91E+00
0.04	3.38E-01	0.80	3.73E+00
0.05	3.57E-01	1.00	4.48E+00
0.06	3.78E-01	2.00	7.49E+00
0.08	4.40E-01	4.00	1.20E+01
0.10	5.17E-01	6.00	1.60E+01
0.15	7.52E-01	8.00	1.99E+01
0.20	1.00E+00	10.00	2.38E+01

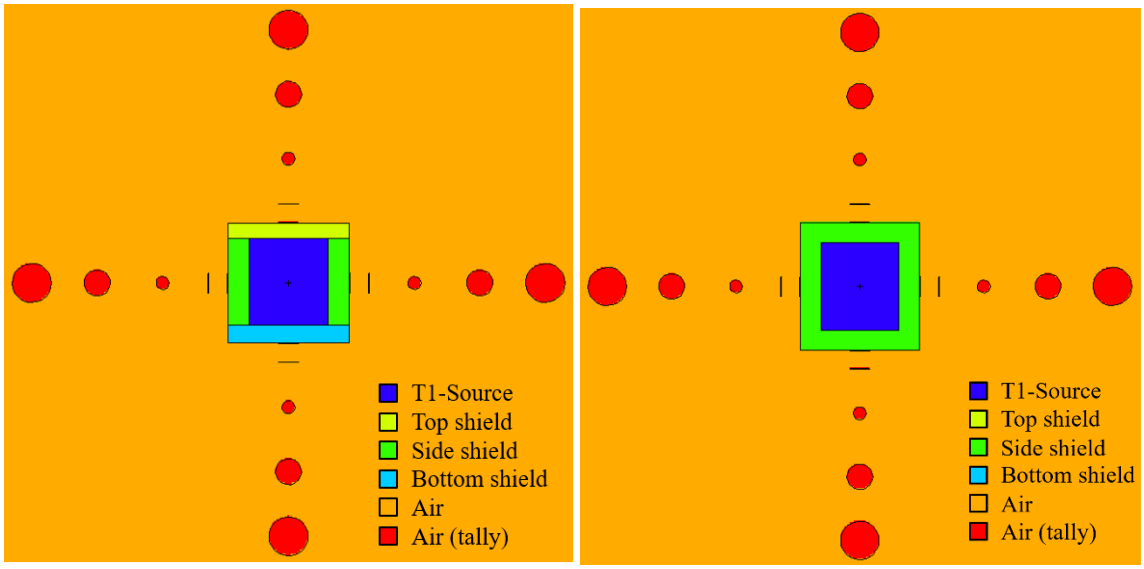


圖 7、簡化 T1 箱體評估模型(左)X-Z 剖面(右)X-Y 剖面

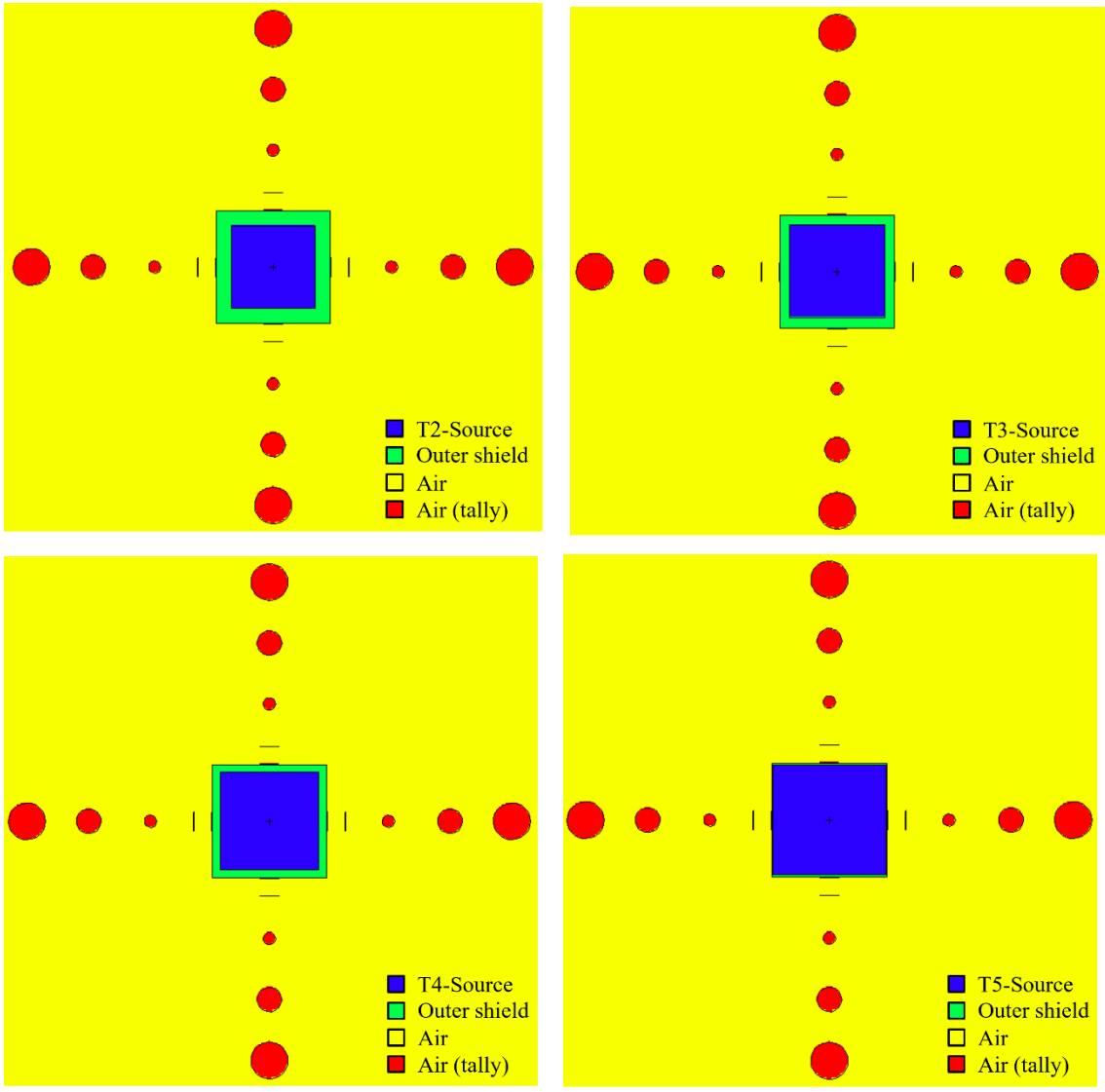


圖 8、簡化 T2-T4 箱體評估模型 X-Z 剖面

3.5 案例 B：T 容器表面 5 m 外劑量率評估

案例 B 係評估 T 容器箱體側邊(長邊)距離表面 5 m、8 m、10 m、15 m、20 m 處劑量率。T 容器側邊之長邊(2 m)相較於短邊(1.85 m)所面對的箱體射源區域較多，故評估箱體側邊(長邊)案例為較保守案例。

此案例目的為考量距離箱體較遠處之劑量率，在此多考慮箱體下方具有 1.5 m 厚度的泥土，泥土材料組成列於表 1，參考自 PNNL-15870 報告中的 116 材料編號[5]，密度為 1.52 g/cm^3。MCNP 評估距離 T 容器側邊(長邊)距離表面 5 m、8 m、10 m、15 m、20 m 處之 T 容器一半高度 92.5 cm 處的劑量率，圖 9 為案例 B 模型示意圖，其中褐色圓點代表評估位置。MCNP 評估，射源設定皆參照各個 T 容器的 ^{60}Co 設計活度(表 3)。計分劑量率評估採用的劑量轉換因子為 ICRP 74 報告中之有效劑量率 AP 方向(表 15)。

另，同樣考慮箱體下方具有泥土，增加評估 T2 容器(箱體側邊表面劑量率最大)側邊(長邊)距離表面 25 m、30 m、35 m、40 m 處的劑量率，40 m 為推估設施外電廠最近圍籬距離。再由程式評估結果推估 T2 容器側邊距容器表面 100 m 與 250 m 處劑量率作為後續安全分析報告運轉情節評估所用。

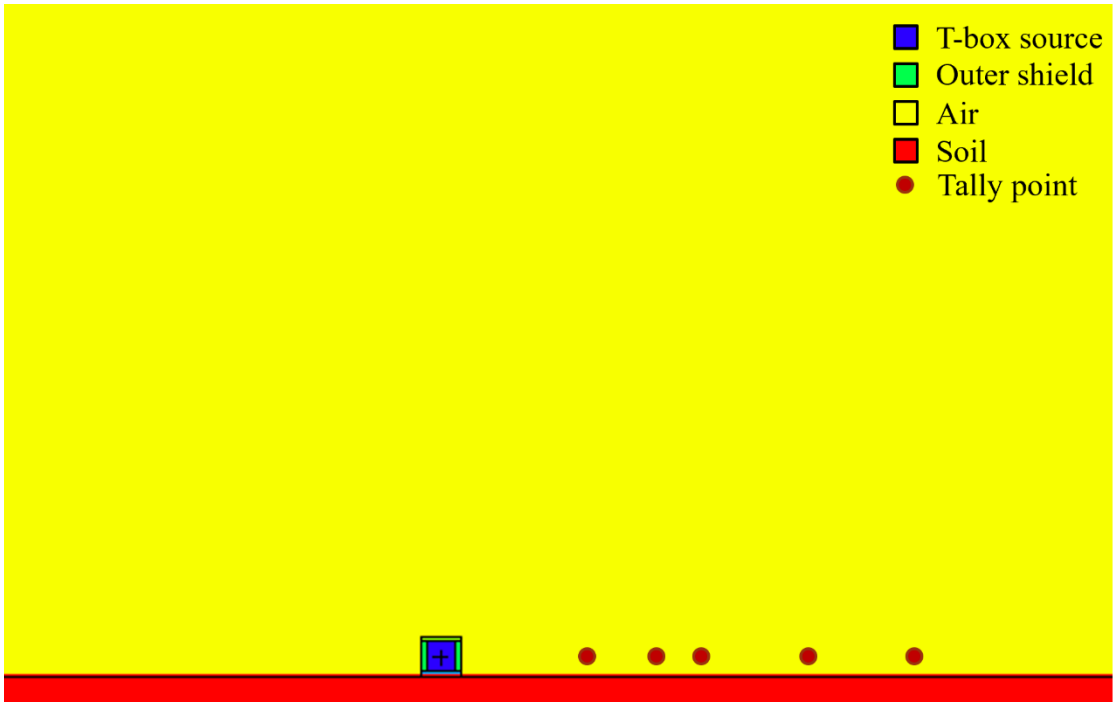


圖 9、案例 B 之 T 容器箱體遠處劑量率評估模型

3.6 案例 C：T 容器離地 30 cm 位置箱體周遭劑量率評估

案例 C 係為 T 容器離地高度 30 cm 的評估案例，為模擬於設施內裝載作業時 T 容器吊運過程(離地 30 cm)的劑量率變化，僅以 T5 箱體(存放數目最多)作為評估代表案例。因貯存設施底部有混凝土基座，故考量 T5 箱體位於混凝土基座(厚度 1.5 m)上(Z=0 m)(案例編號 T5-C)和 T5 箱體距離底部基座 30 cm 高度位置(案例編號 T5-C-30)兩種案例，同樣評估 T5 箱體側邊(長、短邊)在高度 1 m 處之箱體表面(1 cm)、距離箱體 30 cm、1 m、2 m、3 m 處劑量率。圖 10(左)為原案例(未離地)與圖 10(右)離地 30 cm 高兩案例評估模型，注意兩案例計分設定位置與高度皆相同。MCNP 評估，射源設定皆參照各個 T 容器的 ^{60}Co 設計活度(表 3)。計分劑量率評估採用的劑量轉換因子為 ICRP 74 報告中之有效劑量率 AP 方向(表 15)。

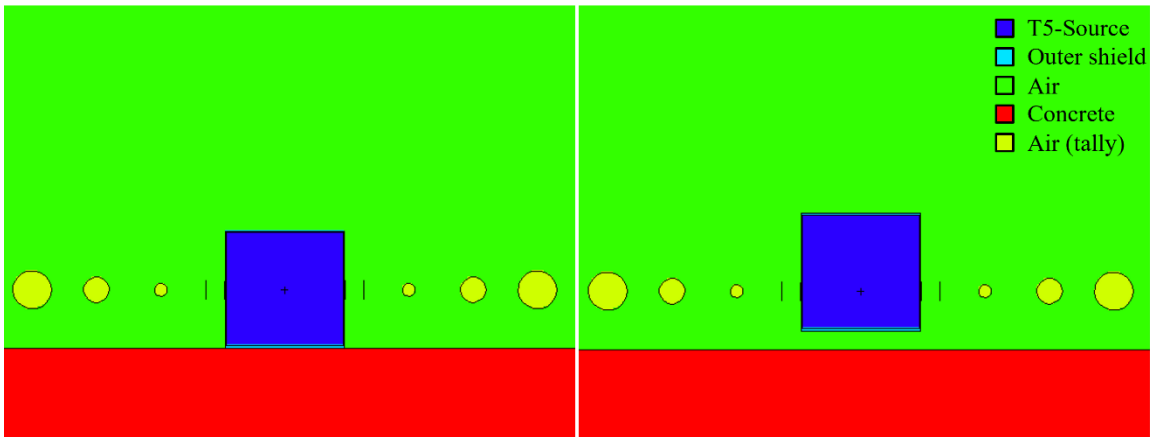


圖 10、案例 C 之 T5 容器評估模型(左)未離地案例(右)離地 30 cm 案例

3.7 案例 D：T1 容器開蓋情節周遭劑量率評估

案例 D 係為考慮 T1 容器開蓋情節時周遭劑量率評估案例，此案例將分為兩部分進行：前半部參照案例 A 假設模型，評估 T1 箱體開蓋情節時箱體表面(1 cm)及距離箱體 30 cm、1 m、2 m、3 m 處位置之上方、下方及側邊(長、短邊)劑量率；後半部參照案例 B 假設模型，評估 T1 箱體開蓋情節時側邊(長邊)和頂部距離表面 5 m、8 m、10 m、15 m、20 m 處劑量率。

案例 D 為考量 T1 容器需有開蓋更換部件的情節假設，移除簡化 T1 容器的上方屏蔽區域，參照案例 A 及案例 B 的模型假設型式進行 T1 箱體周遭劑量率分析。MCNP 評估，射源設定除了考慮 T1 容器射源其 ^{60}Co 設計活度外(表 3)，增加考慮源項衰變 10 年、20 年、30 年與 40 年(^{60}Co 半衰期為 5.27 年)之 ^{60}Co 活度。計分劑量率評估採用的劑量轉換因子為 ICRP 74 報告中之有效劑量率 AP 方向(表 15)。

圖 11 為前半部參照案例 A 之屏蔽分析模型，考慮 T 容器位於空氣包覆的空間內，僅考慮 T 容器幾何模型與周遭空氣環繞，不考慮其他材料。圖 12 為後半部參照案例 B 之屏蔽分析模型，考慮箱體下方具有 1.5 m 厚度的泥土。MCNP 評估距離 T 容器側邊(長邊)和頂部距離表面 5 m、8 m、10 m、15 m、20 m 處劑量率，其中褐色圓點代表評估位置。

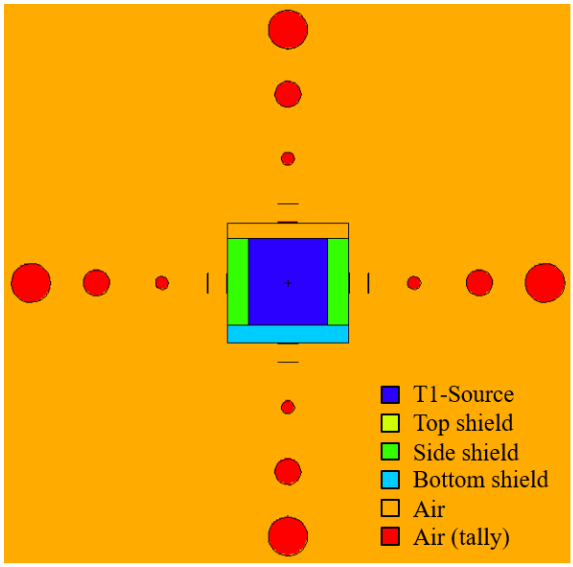


圖 11、簡化 T1 箱體開蓋情節評估模型(X-Z 剖面)

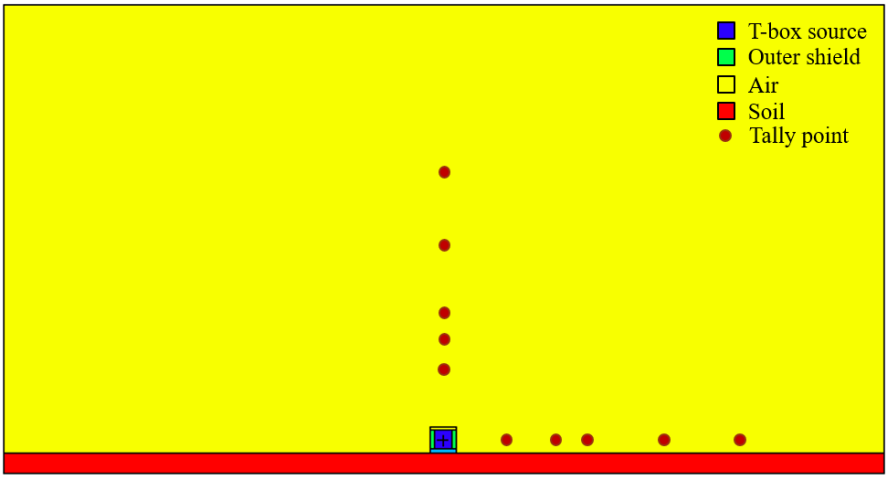


圖 12、簡化 T1 箱體開蓋情節箱體遠處劑量率評估模型

四、評估結果

此章節將依序呈現第三章各案例的 MCNP 評估結果。

4.1 案例 A 評估結果

案例 A 評估 T 容器箱體表面(1 cm)及距離箱體 30 cm、1 m、2 m、3 m 處位置之上方、下方及側邊(長、短邊)劑量率，評估結果列於表 16，此評估結果皆已考慮各 T 容器的射源強度，且 MCNP 程式計分統計誤差皆小於 1 %。

T 容器箱體表面劑量率，T1 至 T5 容器表面各處劑量率皆符合規範小於 2 mSv/h，T1 至 T4 容器皆以箱體表面頂部為劑量最高處，T5 容器以箱體側邊為劑量最高處。僅考慮 T 容器箱體側邊表面劑量率，T2 容器為最大值(3.96×10^{-1} mSv/h)，T1 容器次之(2.67×10^{-1} mSv/h)，T3、T4、T5 容器劑量相近(2.00×10^{-1} mSv/h)為最小值。雖然 T2 容器的設計活度約小於 T1 容器一個數量級，但因 T1 容器對應設計的箱體屏蔽較厚致使表面劑量率評估結果小於 T2 容器。

距箱體表面 30 cm、1 m、2 m、3 m 各處劑量率皆隨距離衰減，逐漸變小。其中 T1 與 T2 容器頂部劑量率在 2 m 處仍大於規範之 0.1 mSv/h，因其為簡化 T 容器模型，目的是應用於後續設施整體劑量率評估，在此可視為保守的合理假設。其餘各處詳細評估數值請參閱表 16。

表 16、T 容器箱體表面和距箱體表面 30 cm、1 m、2 m、3 m 處劑量率

距箱體表面	T1		T2		T3		T4		T5	
	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)
底部	3.53E-01	0.52%	3.00E-01	0.42%	1.57E-01	0.35%	1.51E-01	0.30%	6.51E-02	0.36
頂部	1.94E+00	0.54%	4.38E-01	0.48%	2.34E-01	0.37%	2.10E-01	0.31%	1.26E-01	0.27
短邊	2.65E-01	0.34%	3.96E-01	0.28%	2.10E-01	0.23%	1.96E-01	0.21%	2.00E-01	0.16
長邊	2.68E-01	0.39%	3.96E-01	0.34%	2.10E-01	0.26%	1.96E-01	0.22%	2.00E-01	0.16
距箱體表面 30 cm 處	T1		T2		T3		T4		T5	
	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)
底部	3.23E-01	0.35	2.69E-01	0.27	1.44E-01	0.23	1.39E-01	0.20	5.95E-02	0.35
頂部	1.77E+00	0.37	3.90E-01	0.31	2.13E-01	0.25	1.93E-01	0.22	1.15E-01	0.26
短邊	2.32E-01	0.21	3.52E-01	0.18	1.90E-01	0.16	1.77E-01	0.15	1.77E-01	0.15
長邊	2.35E-01	0.25	3.55E-01	0.22	1.91E-01	0.18	1.79E-01	0.15	1.79E-01	0.15

表 16、T 容器箱體表面和距箱體表面 30 cm、1 m、2 m、3 m 處劑量率(續)

距箱體表面 1 m 處	T1		T2		T3		T4		T5	
	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)
底部	2.01E-01	0.55%	1.64E-01	0.45%	9.21E-02	0.39%	8.90E-02	0.36%	3.64E-02	0.61%
頂部	1.08E+00	0.60%	2.36E-01	0.50%	1.35E-01	0.44%	1.23E-01	0.38%	6.50E-02	0.46%
短邊	1.30E-01	0.34%	2.04E-01	0.30%	1.17E-01	0.28%	1.08E-01	0.28%	8.88E-02	0.28%
長邊	1.39E-01	0.39%	2.15E-01	0.35%	1.21E-01	0.31%	1.13E-01	0.27%	9.24E-02	0.28%
距箱體表面 2 m 處	T1		T2		T3		T4		T5	
	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)
底部	9.13E-02	0.45%	7.46E-02	0.37%	4.28E-02	0.32%	4.09E-02	0.29%	1.59E-02	0.46%
頂部	4.84E-01	0.47%	1.07E-01	0.40%	6.24E-02	0.35%	5.61E-02	0.29%	2.67E-02	0.36%
短邊	5.67E-02	0.28%	9.00E-02	0.24%	5.22E-02	0.22%	4.82E-02	0.23%	3.44E-02	0.23%
長邊	6.26E-02	0.31%	9.75E-02	0.28%	5.62E-02	0.25%	5.16E-02	0.22%	3.67E-02	0.22%

表 16、T 容器箱體表面和距箱體表面 30 cm、1 m、2 m、3 m 處劑量率(續)

距箱體表面 3 m 處	T1		T2		T3		T4		T5	
	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)
底部	4.87E-02	0.42%	3.99E-02	0.34%	2.28E-02	0.30%	2.17E-02	0.27%	8.23E-03	0.43%
頂部	2.55E-01	0.44%	5.67E-02	0.37%	3.30E-02	0.32%	2.95E-02	0.27%	1.36E-02	0.33%
短邊	3.00E-02	0.27%	4.75E-02	0.23%	2.75E-02	0.21%	2.52E-02	0.22%	1.72E-02	0.21%
長邊	3.33E-02	0.29%	5.19E-02	0.25%	2.99E-02	0.23%	2.73E-02	0.21%	1.85E-02	0.21%

4.2 案例 B 評估結果

案例 B 評估 T 容器箱體側邊(長邊)距離 5 m、8 m、10 m、15 m、20 m 處劑量率，評估結果列於表 17，將其繪製成劑量率分布如圖 13。此評估結果皆已考慮各 T 容器的射源強度，且 MCNP 程式計分統計誤差皆小於 0.5 %。另，評估 T2 容器(箱體側邊表面劑量率最大)側邊(長邊)距離表面 25 m、30 m、35 m、40 m 處的劑量率，評估結果列於表 18，繪製成劑量率分布如圖 14，已考慮 T2 容器的射源強度，且 MCNP 程式計分統計誤差皆小於 1 %。

表 17 與圖 13 呈現與案例 A 相同之評估結果，以 T2 容器側邊劑量率為最大值，T1 容器次之，T3、T4、T5 容器相近且為最小值，且各容器側邊劑量率皆隨距離作衰減，距離 T 容器箱體側邊 20 m 處仍以 T2 容器為最大值(T2>T1>T3>T4>T5)。表 18 與圖 14 呈現距離 T2 容器箱體側邊 20 m 至 40 m 處外劑量率分布，劑量率仍隨距離作衰減，至 40 m 處劑量率約為 3.33×10^{-4} mSv/h。

以 T2 容器前述的程式評估結果(圖 13)，用二次多項式擬合曲線之劑量率公式為：

$$\log D = -0.2066 \times (\log X)^2 - 1.5543 \times \log X - 0.456$$

其中 D 為劑量率(mSv/h)，X 為距離(m)。以擬合曲線外插之 100 m 劑量率為 4.06×10^{-5} mSv/h，250 m 劑量率為 4.26×10^{-6} mSv/h。

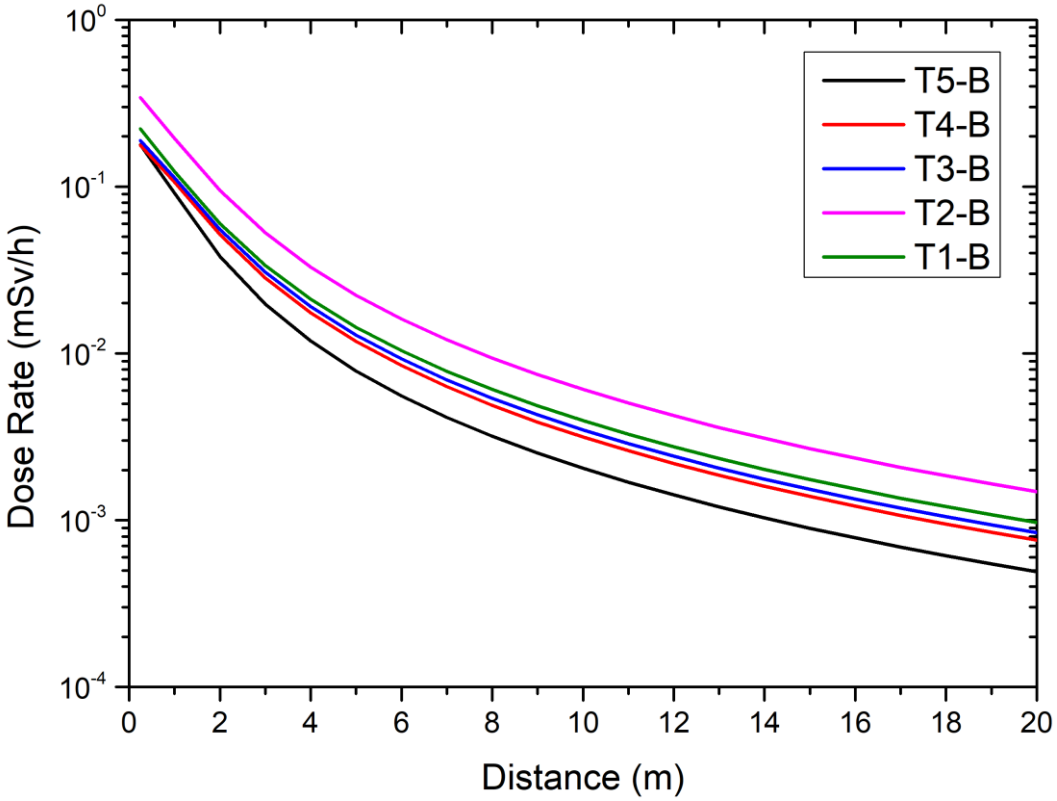


圖 13、T 容器箱體側邊劑量率分布

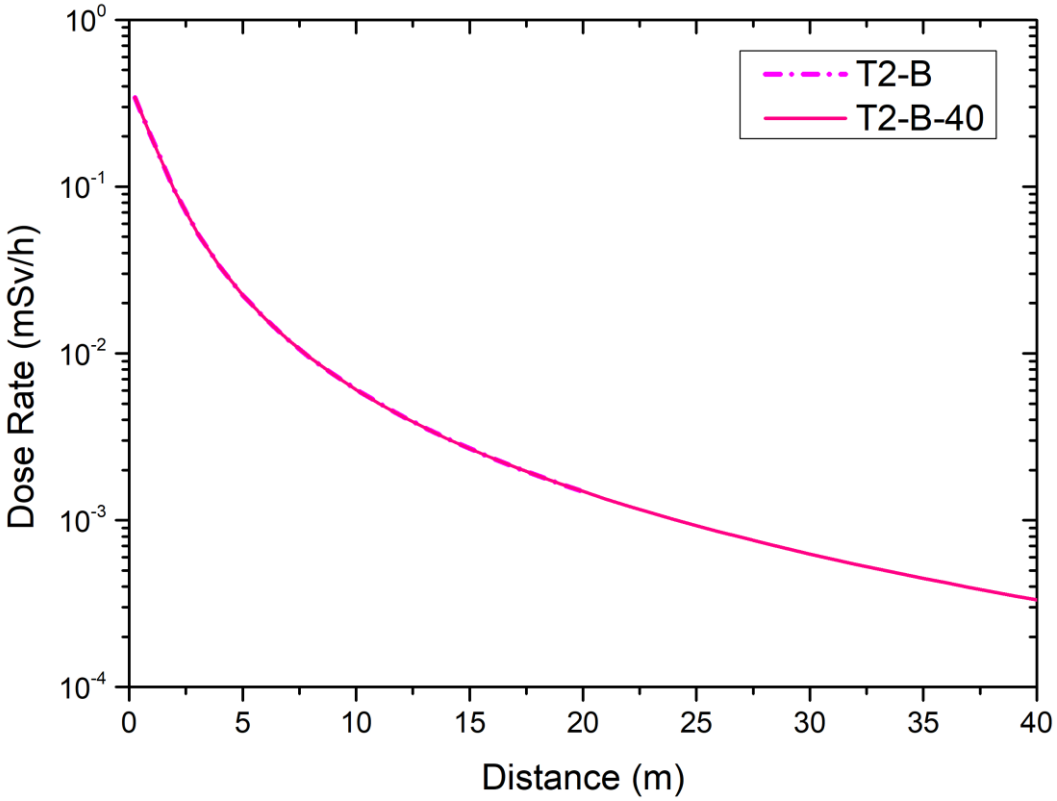


圖 14、T2 容器箱體側邊劑量率分布

表 17、T 容器箱體側邊(長邊)距離 5 m、8 m、10 m、15 m、20 m 處劑量率

距離 (m)	T1		T2		T3		T4		T5	
	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)
5	1.44E-02	0.10	2.24E-02	0.09	1.29E-02	0.08	1.18E-02	0.08	7.86E-03	0.12
8	6.08E-03	0.15	9.37E-03	0.13	5.38E-03	0.12	4.88E-03	0.11	3.19E-03	0.19
10	3.96E-03	0.18	6.08E-03	0.16	3.48E-03	0.14	3.15E-03	0.14	2.05E-03	0.24
15	1.76E-03	0.27	2.69E-03	0.23	1.53E-03	0.21	1.39E-03	0.21	8.95E-04	0.37
20	9.71E-04	0.35	1.48E-03	0.31	8.43E-04	0.28	7.62E-04	0.28	4.92E-04	0.50

表 18、T 容器箱體側邊(長邊)距離 25 m、30 m、35 m 和 40 m 處劑量率

距離(m)	T2	
	劑量率(mSv/h)	相對誤差(%)
25	9.27E-04	0.40
30	6.27E-04	0.47
35	4.48E-04	0.55
40	3.33E-04	0.64

4.3 案例 C 評估結果

以案例 A 之 T5 容器評估結果作為 T5-A 之案例結果，與案例 C 兩案例 T5-C 和 T5-C-30 (離地 30 cm)作比較，評估結果列於表 19。案例 C 評估目的為證明案例 A 結果(未離地)為較保守情節可取代案例 C(吊掛離地 30 cm)評估結果，在此僅考慮 T5 容器內含 1 Bq 的 ^{60}Co 射源，且 MCNP 程式計分統計誤差皆小於 0.3 %。

表 19 中 T5-A 與 T5-C 案例差異為後者考慮了 T 容器實際位於混凝土基座上，會增加輻射源遷移至混凝土與其作用散射至計分區域的劑量率貢獻，在距箱體 3 m 處兩者約會有 6 %的劑量率差異。T5-C 與 T5-C-30 案例差異為後者為 T5 容器吊高 30 cm 的情節，表 19 結果明確呈現距箱體各距離側邊劑量率，T5-C-30 皆小於 T5-C 案例結果，證實 T 容器箱體未離地案例為較保守情節。

表 19、T5 容器側邊各距離 T5-A、T5-C、T5-C-30 三案例評估結果

	T5-A		T5-C			T5-C-30		
	劑量率 (mSv/h)	RE (%)	劑量率 (mSv/h)	RE (%)	Ratio (T5-C/T5-A)	劑量率 (mSv/h)	RE (%)	Ratio (T5-C-30/T5-C)
箱體表面-短邊	8.84E-12	0.16	8.90E-12	0.14	1.01	8.85E-12	0.14	0.995
箱體表面-長邊	8.83E-12	0.16	8.90E-12	0.14	1.01	8.89E-12	0.14	0.999
距箱體 30 cm-短邊	7.85E-12	0.15	7.92E-12	0.14	1.01	7.69E-12	0.14	0.971
距箱體 30 cm-長邊	7.92E-12	0.15	8.00E-12	0.13	1.01	7.74E-12	0.14	0.967
距箱體 1 m-短邊	3.93E-12	0.28	4.01E-12	0.25	1.02	3.81E-12	0.25	0.952
距箱體 1 m-長邊	4.09E-12	0.28	4.17E-12	0.25	1.02	3.99E-12	0.25	0.956
距箱體 2 m-短邊	1.52E-12	0.23	1.59E-12	0.20	1.05	1.55E-12	0.20	0.969
距箱體 2 m-長邊	1.63E-12	0.22	1.70E-12	0.19	1.05	1.65E-12	0.19	0.969
距箱體 3 m-短邊	7.62E-13	0.21	8.11E-13	0.18	1.06	7.96E-13	0.18	0.982
距箱體 3 m-長邊	8.17E-13	0.21	8.69E-13	0.18	1.06	8.51E-13	0.18	0.978
RE: Relative Error(相對誤差)								

4.4 案例 D 評估結果

案例 D 係為考慮 T1 容器開蓋情節時周遭劑量率評估案例，此案例將分為兩部分進行：前半部參照案例 A 假設模型，評估 T1 箱體開蓋情節時箱體表面(1 cm)及距離箱體 30 cm、1 m、2 m、3 m 處位置之上方、下方及側邊(長、短邊)劑量率；後半部參照案例 B 假設模型，評估 T1 箱體開蓋情節時側邊(長邊)和頂部距離表面 5 m、8 m、10 m、15 m、20 m 處劑量率。

案例 D 評估 T1 容器開蓋情節時箱體表面(1 cm)及距離箱體 30 cm、1 m、2 m、3 m 處位置之上方、下方及側邊(長、短邊)劑量率，評估結果列於表 20，此評估結果已考慮 T1 容器的 ^{60}Co 設計活度及 ^{60}Co 設計活度衰變 10 年、20 年、30 年與 40 年，且 MCNP 程式計分統計誤差皆小於 1 %。將案例 D 評估結果(T1-D)與案例 A 正常 T1 容器評估結果(T1-A)相比，在開蓋情節時頂部劑量率約大了 4 個數量級，其餘位置結果箱體底部劑量率較不受影響，而箱體側邊劑量率影響較大，兩者在箱體表面側邊劑量率差異約 3.8 倍，3 m 處側邊劑量率差異約 49 倍。^{60}Co 設計活度衰變 10 年、20 年、30 年與 40 年皆呈現相同的結果。

案例 D 評估 T1 容器開蓋情節時側邊(長邊)和頂部距離表面 5 m、8 m、10 m、15 m、20 m 處劑量率，評估結果分別列於表 21 和表 22，並個別將其繪製成劑量率分布圖 15 和圖 16。上述評估結果已考慮 T1 容器的 ^{60}Co 設計活度及 ^{60}Co 設計活度衰變 10 年、20 年、30 年與 40 年，且 MCNP 程式計分統計誤差皆小於 2 %。表 21 和表 22 評估結果呈現隨距離箱體越遠劑量率會逐步衰減，^{60}Co 設計活度衰變 10 年、20 年、30 年與 40 年皆呈現相同的結果。圖 15 為 T1 容器開蓋情節箱體側邊劑量率分布(T1-D-A0)，相較於案例 B 正常 T1 評估結果(T1-B)箱體表面側邊(長邊)劑量率差異約大了 1 個數量級，且箱體側邊劑量率隨距離變化劑量率峰值位於距離箱體 1 m 處，1 m 處之後劑量率才隨距離變化逐步衰減；圖 16 為 T1 容器開蓋情節箱體頂部劑量率分布，呈現計分高度隨距離箱體越遠劑量率逐步衰減。上述圖 15 和圖 16 劑量率分布，^{60}Co 設計活度衰變 10 年、20 年、30 年與 40 年皆會呈現相同趨勢。

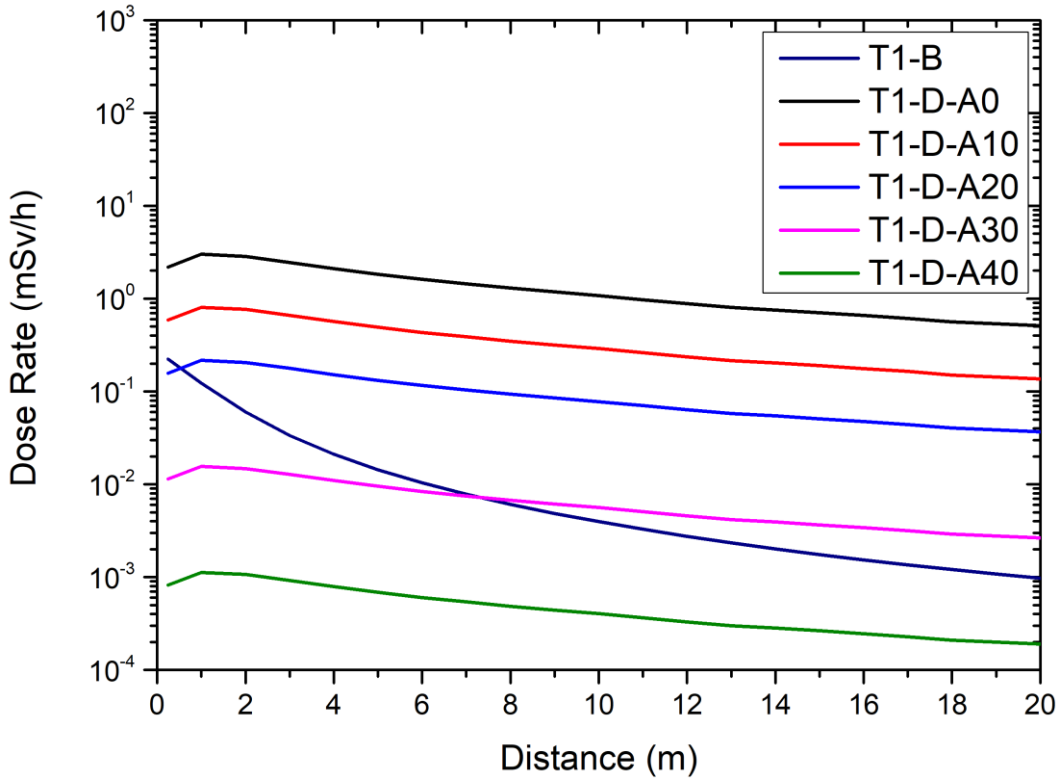


圖 15、T1 容器開蓋情節箱體側邊劑量率分布

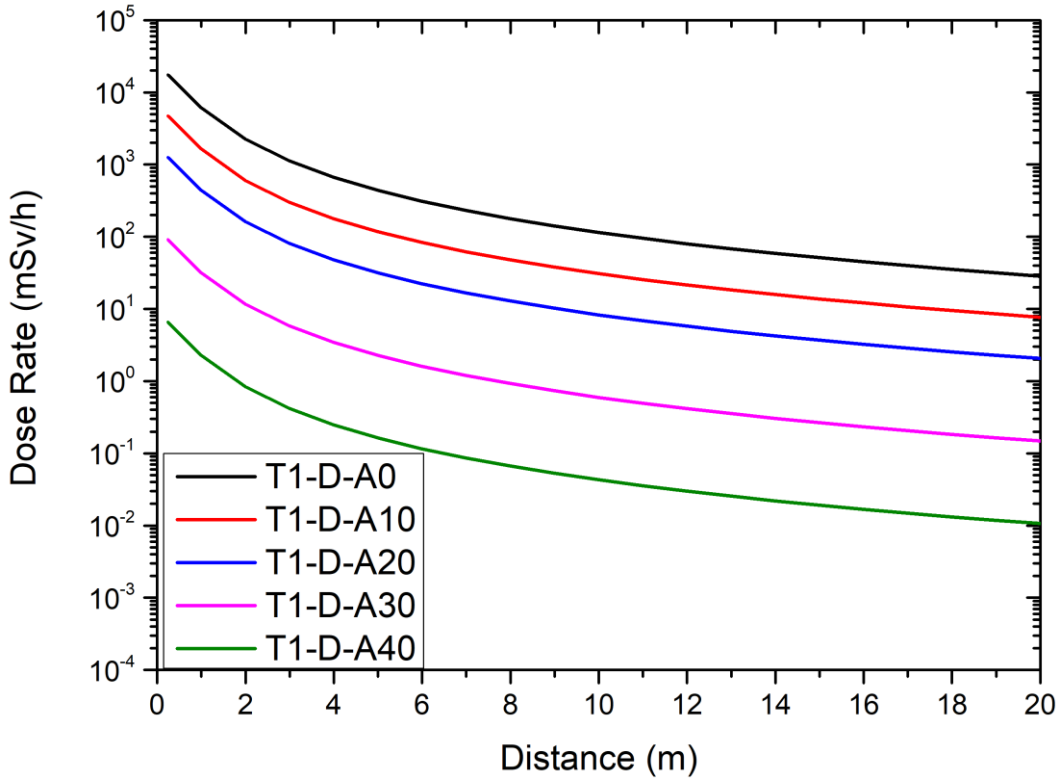


圖 16、T1 容器開蓋情節箱體頂部劑量率分布

表 20、T1 容器開蓋情節箱體表面和距箱體表面 30 cm、1 m、2 m、3 m 處劑量率

距箱體表面	T1-D-A0		T1-D-A10		T1-D-A20		T1-D-A30		T1-D-A40	
	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)
底部	3.60E-01	0.80	9.65E-02	0.80	2.59E-02	0.80	1.87E-03	0.80	1.34E-04	0.80
頂部	3.02E+04	0.07	8.11E+03	0.07	2.18E+03	0.07	1.57E+02	0.07	1.13E+01	0.07
短邊	9.63E-01	0.70	2.58E-01	0.70	6.94E-02	0.70	5.00E-03	0.70	3.60E-04	0.70
長邊	1.01E+00	0.69	2.71E-01	0.69	7.28E-02	0.69	5.25E-03	0.69	3.78E-04	0.69
距箱體表面 30 cm 處	T1-D-A0		T1-D-A10		T1-D-A20		T1-D-A30		T1-D-A40	
	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)
底部	3.30E-01	0.58	8.85E-02	0.58	2.37E-02	0.58	1.71E-03	0.58	1.23E-04	0.58
頂部	1.78E+04	0.08	4.77E+03	0.08	1.28E+03	0.08	9.23E+01	0.08	6.65E+00	0.08
短邊	1.36E+00	0.60	3.66E-01	0.60	9.82E-02	0.60	7.07E-03	0.60	5.10E-04	0.60
長邊	1.42E+00	0.60	3.82E-01	0.60	1.02E-01	0.60	7.38E-03	0.60	5.32E-04	0.60

表 20、T1 容器開蓋情節箱體表面和距箱體表面 30 cm、1 m、2 m、3 m 處劑量率(續)

距箱體表面 1 m 處	T1-D-A0		T1-D-A10		T1-D-A20		T1-D-A30		T1-D-A40	
	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)
底部	2.33E-01	0.91	6.25E-02	0.91	1.68E-02	0.91	1.21E-03	0.91	8.70E-05	0.91
頂部	6.16E+03	0.18	1.65E+03	0.18	4.44E+02	0.18	3.20E+01	0.18	2.30E+00	0.18
短邊	1.93E+00	0.55	5.19E-01	0.55	1.39E-01	0.55	1.00E-02	0.55	7.23E-04	0.55
長邊	2.00E+00	0.46	5.38E-01	0.46	1.44E-01	0.46	1.04E-02	0.46	7.49E-04	0.46
距箱體表面 2 m 處	T1-D-A0		T1-D-A10		T1-D-A20		T1-D-A30		T1-D-A40	
	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)
底部	2.10E-01	0.60	5.65E-02	0.60	1.52E-02	0.60	1.09E-03	0.60	7.86E-05	0.60
頂部	2.23E+03	0.15	5.98E+02	0.15	1.61E+02	0.15	1.16E+01	0.15	8.33E-01	0.15
短邊	1.81E+00	0.35	4.86E-01	0.35	1.31E-01	0.35	9.40E-03	0.35	6.77E-04	0.35
長邊	1.87E+00	0.35	5.01E-01	0.35	1.35E-01	0.35	9.69E-03	0.35	6.98E-04	0.35

表 20、T1 容器開蓋情節箱體表面和距箱體表面 30 cm、1 m、2 m、3 m 處劑量率(續)

距箱體表面 3 m 處	T1-D-A0		T1-D-A10		T1-D-A20		T1-D-A30		T1-D-A40	
	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)
底部	1.92E-01	0.47	5.15E-02	0.47	1.38E-02	0.47	9.95E-04	0.47	7.17E-05	0.47
頂部	1.12E+03	0.14	2.99E+02	0.14	8.04E+01	0.14	5.79E+00	0.14	4.17E-01	0.14
短邊	1.48E+00	0.28	3.96E-01	0.28	1.06E-01	0.28	7.66E-03	0.28	5.52E-04	0.28
長邊	1.50E+00	0.27	4.04E-01	0.27	1.08E-01	0.27	7.81E-03	0.27	5.62E-04	0.27

表 21、T1 容器開蓋情節箱體側邊(長邊)距離 5 m、8 m、10 m、15 m、20 m 處劑量率

距離 (m)	T1-D-A0		T1-D-A10		T1-D-A20		T1-D-A30		T1-D-A40	
	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)
5	1.83E+00	0.75	4.92E-01	0.75	1.32E-01	0.75	9.51E-03	0.75	6.85E-04	0.75
8	1.30E+00	0.92	3.48E-01	0.92	9.35E-02	0.92	6.74E-03	0.92	4.85E-04	0.92
10	1.08E+00	1.02	2.90E-01	1.02	7.78E-02	1.02	5.61E-03	1.02	4.04E-04	1.02
15	7.06E-01	1.28	1.89E-01	1.28	5.09E-02	1.28	3.66E-03	1.28	2.64E-04	1.28
20	5.11E-01	1.56	1.37E-01	1.56	3.68E-02	1.56	2.65E-03	1.56	1.91E-04	1.56

表 22、T1 容器開蓋情節箱體頂部距離 5 m、8 m、10 m、15 m、20 m 處劑量率

距離 (m)	T1-D-A0		T1-D-A10		T1-D-A20		T1-D-A30		T1-D-A40	
	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)	劑量率 (mSv/h)	相對誤差 (%)
5	4.38E+02	0.09	1.18E+02	0.09	3.16E+01	0.09	2.27E+00	0.09	1.64E-01	0.09
8	1.78E+02	0.14	4.78E+01	0.14	1.28E+01	0.14	9.25E-01	0.14	6.66E-02	0.14
10	1.15E+02	0.17	3.09E+01	0.17	8.28E+00	0.17	5.97E-01	0.17	4.30E-02	0.17
15	5.13E+01	0.26	1.38E+01	0.26	3.69E+00	0.26	2.66E-01	0.26	1.92E-02	0.26
20	2.85E+01	0.35	7.66E+00	0.35	2.06E+00	0.35	1.48E-01	0.35	1.07E-02	0.35

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附件 3-3　核一廠三號低貯庫屏蔽分析計算書

台灣電力公司

附件 3-3

核一廠三號低貯庫屏蔽分析計算書

中華民國 113 年 7 月

目錄

目錄.....i
圖目錄..... ii
表目錄..... iii
一、前言.....1
二、輻射屏蔽分析程式.....2
三、評估模型.....4
四、評估結果.....17
4.1 低放貯存庫設施內部劑量率評估.....17
4.2 低放貯存庫設施內外特定位置劑量率評估.....20
4.3 意外情節評估.....22
4.4 低放貯存庫設施外部周遭劑量率評估.....27
五、參考文獻(References).....31

圖目錄

圖 1、低放貯存庫 T 容器擺放配置 4
圖 2、低放貯存庫設施幾何示意圖一(上)俯視圖(下)立面圖 6
圖 3、低放貯存庫設施幾何示意圖二(上)俯視圖(下)立面圖 7
圖 4、低放貯存庫設施幾何示意圖三(更新圖面)(上)俯視圖(下)立面圖 7
圖 5、簡化 T 容器屏蔽分析模型 8
圖 6、低放貯存設施屏蔽分析模型(上)俯視圖(下)立面圖 8
圖 7、設施周遭劑量率隨距離變化評估示意圖 8
圖 8、低放貯存設施內部劑量分布(Z=2 m) 18
圖 9、低放貯存設施內部劑量分布(Z=6 m) 18
圖 10、低放貯存設施內部劑量分布(Z=10 m) 18
圖 11、低放貯存設施內部劑量分布(Z=14 m) 19
圖 12、低放貯存設施內部劑量分布(Z=17.85 m) 19
圖 13、低放貯存設施天花板上方劑量分布(Z=21.10 m) 21
圖 14、意外情節之低放貯存設施內部劑量分布(Z=2 m) 24
圖 15、意外情節之低放貯存設施內部劑量分布(Z=4 m) 24
圖 16、意外情節之低放貯存設施內部劑量分布(Z=10 m) 24
圖 17、意外情節之低放貯存設施內部劑量分布(Z=14 m) 25
圖 18、意外情節之低放貯存設施內部劑量分布(Z=17.85 m) 25
圖 19、意外情節之低放貯存設施天花板上方劑量分布(Z=21.10 m) 25
圖 20、低放設施貯存庫周遭劑量率地圖(100 m×100 m) 29
圖 21、低放設施貯存庫周遭劑量率分布隨距離變化(至距離設施 100 m 處) ... 29
圖 22、低放設施貯存庫西側與南側劑量率分布隨距離變化(至距離設施 420 m 處) 30

表目錄

表 1、T 容器設計貯放數目及設計活度 9
表 2、劑量轉換因子 ICRP 74 報告有效劑量率 AP 照射方向[4].....9
表 3、材料組成[5].....10
表 4、低放貯存庫設施內特定位置劑量率結果.....21
表 5、低放貯存庫設施外特定位置劑量率結果.....21
表 6、意外情節之低放貯存庫設施內特定位置劑量率結果.....26
表 7、意外情節之低放貯存庫設施外特定位置劑量率結果.....26
表 8、推估低放貯存庫設施外特定距離劑量率.....28

一、前言

本報告內容主要係針對貯存低放射性廢棄物裝載容器 T-Box(包含 T1、T2、T3、T4 及 T5D，以下總稱為 T 容器，因此次設施不考慮包含提籃結構之 T5M 容器，故皆以 T5 代表 T5D 容器)的貯存設施進行設施周遭劑量率屏蔽分析。

本報告架構將依其內容概分為以下各章：第二章概述輻射屏蔽分析程式；第三章敘述計算評估模型；第四章為評估結果；第五章條列本報告引用之參考文獻。

二、輻射屏蔽分析程式

本計算書屏蔽分析皆採用 MCNP 程式，MCNP 全名為 Monte Carlo N-Particle Transport Code System 的縮寫，由美國洛斯阿拉摩士國家實驗室(Los Alamos National Laboratory, LANL)所發展，是一具有多功能、三維座標、連續能量、時間依存、包含對光子、電子、中子、質子等 37 種粒子作蒙地卡羅遷移計算之程式。使用由美國布魯克海文國家實驗室(Brookhaven National Laboratory, BNL)、勞倫斯立佛摩爾國家實驗室(Lawrence Livermore National Laboratory, LLNL)、以及洛斯阿拉摩士國家實驗室所建立的能譜截面資料庫：ENDF(Evaluated Nuclear Data File)，作為粒子遷移運算時與物質作用機率之取樣參數。本研究的 MCNP 採用 ENDF/B-VII，該截面庫在 20 MeV 以下的粒子可以連續能量方式進行計算；20 至 150 MeV 能量區間則只有特定元素具有連續能量截面，缺乏之元素資料則以物理模型進行截面計算；150 MeV 以上之粒子截面均以物理模型計算。其內建多樣的變數降低技巧，和內建使用者便利的建模工具，可適用於輻射防護、輻射屏蔽、反應器設計、臨界安全分析、燃料燃耗、醫學物理、偵檢器設計等領域[1]。

蒙地卡羅法能以精確的幾何模型對問題作粒子模擬，原則上如果對各作用過程描述足夠清楚，就能獲得準確的結果，故蒙地卡羅程式模擬時若考慮的評估範圍適當即代表評估結果已包含直接輻射、天空散射、地面散射等各種輻射作用之結果。但因蒙地卡羅法以亂數取樣的方式模擬各事件的發生，為一連串的機率試驗，因此在最後統計粒子行為時，需大量的結果才能產生有意義(有效)的答案，故過程會相當費時，雖然可以引用變異數降低技巧來增進計算效率，但這些技巧使用及參數設定之好壞皆與使用者對問題經驗的累積判斷有關。本計算書於屏蔽分析時所採用的 MCNP 程式為 6.2 版本，以及其所附之核種截面資料庫。

本計算書將進行貯放設施周遭劑量率分布探討，若以蒙地卡羅法程式 MCNP 同時考慮 1,830 組 T 容器(T1 至 T5)和詳細貯存建物結構(貯存區、卸載區及輔助區)進行設施廠界劑量分布評估是非常困難的，勢必得引入適當的變異數降低劑量，本分析報告採用的是 Consistent Adjoint Driven Importance Sampling (CADIS)理論，同時採用(Biased source)和粒子重要性地圖(Importance map)兩種技巧，CADIS 理論結合決定論法與蒙地卡羅法的優點：以決定論法的解作為蒙地卡羅法模擬粒子遷移過程

的依據參數來達到加速目的。先以一次粗略的決定論法計算，得出概略的空間伴隨通量分布，據此推導出在蒙地卡羅程式使用的權重射源與重要性遷移地圖，應用於非類比的粒子追蹤運算，藉由兩技巧可以在合理的時間內大幅地降低統計誤差達到快速計算的目的。本分析報告在此以美國橡樹嶺國家實驗室(Oak Ridge National Laboratory, ORNL)所開發的 ADVANTG 程式[2]進行前置 CADIS 理論中的決定論法計算，再耦合 MCNP 程式進行蒙地卡羅法模擬。

三、評估模型

針對低放貯存庫進行設施周遭劑量率屏蔽分析，將區分為以下幾個方向進行：(1)低放貯存庫設施內部劑量率評估、(2)低放貯存庫設施內外特定位置劑量率評估及(3)低放貯存庫設施外部周遭劑量率評估。以下將針對貯存容器數目、貯存容器擺放方式、評估案例屏蔽分析幾何及評估假設情節作說明。

低放貯存庫預計總共存放 1,830 個 T 容器，各容器詳細數目及設計活度請參考表 1，中興工程設計之 T 容器擺放方式請參考圖 1。低放貯存庫屏蔽分析 T 容器箱體射源評估皆以 ^{60}Co 核種作代表，以 T1 容器設計活度最大，依序為 T2>T3>T4>T5，T 容器各箱體屏蔽分析結果請參閱核一廠低放 T 容器屏蔽分析計算書[3]。在此假設設施內存放的 T 容器內部活度皆為箱體 ^{60}Co 設計活度，此為極保守數值(大於 2018 年 12 月 5 日盤點之核一廠放射性廢棄物金屬活度總和 2.58×10^{16} Bq)，再考慮 T 容器貯存數目後，設施總貯存活度為 2.90×10^{16} Bq，各容器貯存活度占比 T1: 48.97 %、T2: 48.62 %、T3: 0.73 %、T4: 1.66 %、T5: 0.07 %，T1 和 T2 射源活度占比已達 98 %，雖然 T5 貯放數目最多但活度占比最小。圖 1 貯存設施貯存區 T 容器擺放配置，貯存區預計貯放四區塊(大列)T 容器，每區塊皆橫列擺放三列 T 容器，每列有 31 個 T 容器，且除了 T1 容器僅向上擺放 2 層箱體外，其餘四種 T 容器皆向上堆放至 5 層箱體。貯存區由上而下，第一區塊及第四區塊皆為 T5 容器，第二區塊皆為 T4 容器，第三區塊由左而右依序為 T4、T3、T2、T1 容器。

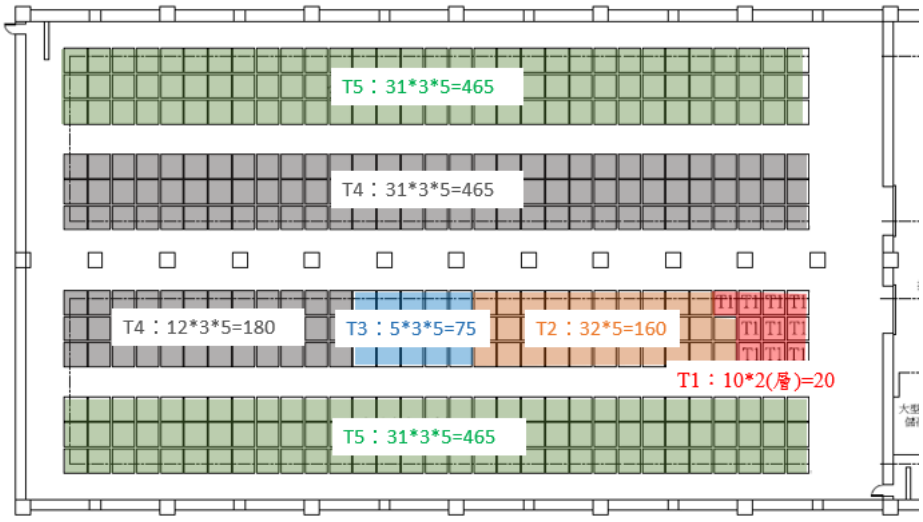


圖 1、低放貯存庫 T 容器擺放配置

低放貯存庫幾何建置參考自中興工程提供之設施圖面(圖 2、圖 3 與圖 4)，圖 2 提供整體設施外結構尺寸(長：101 m、寬：41 m 及高：22 m)與設施內部區域區分(由左而右為貯存區、卸載區及輔助區)。低放貯存庫設施為混凝土建物，主外牆屏蔽厚度為 90 cm，屋頂厚度為 35 cm。圖 3 提供設施內部詳細結構尺寸，包含：貯存區與卸載區隔間牆屏蔽厚度為 90 cm，高度為 12 m，其中有兩道厚度 10 cm 和寬度 4 m 之鐵門(鋼)；貯存區左上及右下兩區域設有人員通行小門(鋼)且左上區域通行小門帶有迷道設計；卸載區上方(北側)有外部連接大門(鋼)，厚度 10 cm 和寬度 6 m；卸載區與輔助區假設有一通行小門(鋼)，在此亦保守考慮輔助區的兩層樓間僅有樓板(厚度 20 cm)的設置，不考慮其他隔間牆，且天花板厚度同為 20 cm。

圖 4 為設施設計變更修改圖面，其中設施外結構尺寸不變，其餘變動區域描述如下：貯存區與卸載區間隔間牆左移、卸載區南側增加人員通道小門與對應設施內部迷道及卸載區右側(東方)部分區域下挖 2.65 m。設施主體尺寸參照圖 2 與圖 3，設計變更部分細部尺寸參照圖 4 紅字內容。

首先，在 MCNP 程式內參照核一廠低放 T 容器屏蔽分析計算書[3]假設方式建置 5 種簡化 T 容器屏蔽分析模型，依照圖 1 的擺置方式建置 1,830 個箱體，並參照圖 2、圖 3 與圖 4 幾何規劃建置設施屏蔽分析模型(圖 6)。因考慮箱體數目眾多，受 MCNP 程式射源定義 SDEF card 限制，將此低放設施屏蔽分析案例劃分為 4 個射源區域(第 1 射源項：第一列(僅有 T5)、第 2 射源項：第四列(僅有 T5)、第 3 射源項：第二和三列第 1 個至第 17 個 T 容器(T3 和 T4)及第 4 射源項：第二、三列第 18 個至第 31 個 T 容器(T2、T3 和 T4))，完整的設施分析結果將為 4 次分次計算的評估結果總和。

針對低放貯存庫進行設施周遭劑量率屏蔽分析不同的標的，將已建立的設施屏蔽分析模型考慮不同的模型環境設置及計分區域來提供評估結果。(1)低放貯存庫設施內部劑量率評估，將以格點計分(Mesh tally)的方式來進行將設施內部(包含貯存區、卸載區與輔助區)約略劃分為 4 m×4 m×4 m 一格，討論設施內部劑量率分布；(2)低放貯存庫設施內外特定位置劑量率評估，將以區域計分(Region tally)和格點計分的方式來進行，特定位置包括貯存區中間走道、卸載區接收檢查區、輔助區小門迷道牆外側(1F&2F)、貯存區天花板上方及卸載區天花板上方，特別在貯存區與卸載區天花板上方參照設施內部格點劃分方式計分天花板上方劑量分布；(3)低放貯存庫設施外部

周遭劑量率評估，將以格點計分的方式來進行評估將設施周遭區域約略劃分為 4 m× 4 m×2 m 一格，計分整體設施周遭劑量率分布至建物外 100 m 處，其中 Z 軸格點計分 0 至 2 m 處為人員可能所在位置高度，繪製設施周遭劑量率分布圖；並參照圖 7 進行設施周遭劑量率隨距離變化評估(東方與北方評估至 100 m 處，西方與南方劑量率較大且電廠邊界較遠，故評估至 420 m 處)。

上述之評估模型，程式評估範圍為設施周圍至各方向 470 m 處之區域，上方空氣(PNNL-15870 報告 4 號材料[4])高度為 500 m，參考 FGR 12 報告，輻射粒子在模擬環境(空氣)中遷移路徑有 6 個 mfp 可視為無窮大之模擬環境假設，假設光子能量為 1.25 MeV，mfp 約為 150 m，此處考慮輻射粒子往上空遷移來回各 3 個 mfp，故空氣高度 500 m 之假設已足夠包含其他散射輻射；評估模型下方考慮設施外土壤(PNNL-15870 報告中 116 材料[4])厚度為 4.5 m，此處是作為評估輻射粒子經過地面下土壤散射至評估點位置造成劑量貢獻，此為地面散射(Groundshine)，過去經驗地面散射劑量佔比總劑量約小於 1 %[5]，因此泥土材料的選擇對劑量的影響可忽略，故不需要採用廠址特性材料參數；上述計分劑量率評估採用的劑量轉換因子為 ICRP 74 報告中之有效劑量率 AP 方向，劑量轉換因子列於表 2[6]。設施屏蔽分析模型其他模擬相關材料參數列於表 3。

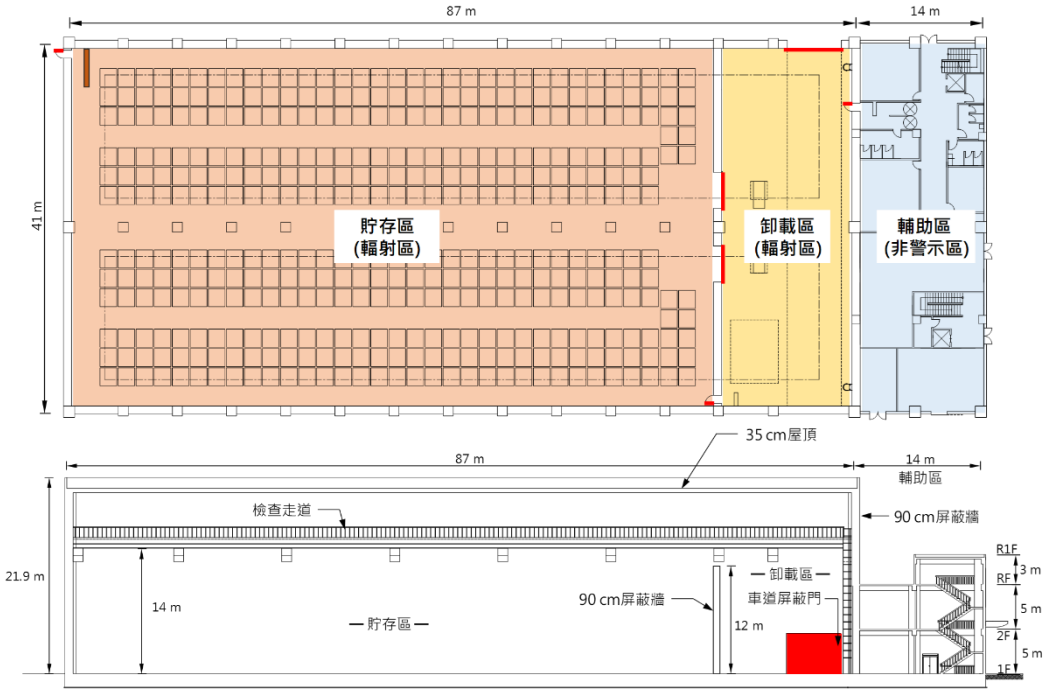


圖 2、低放貯存庫設施幾何示意圖一(上)俯視圖(下)立面圖

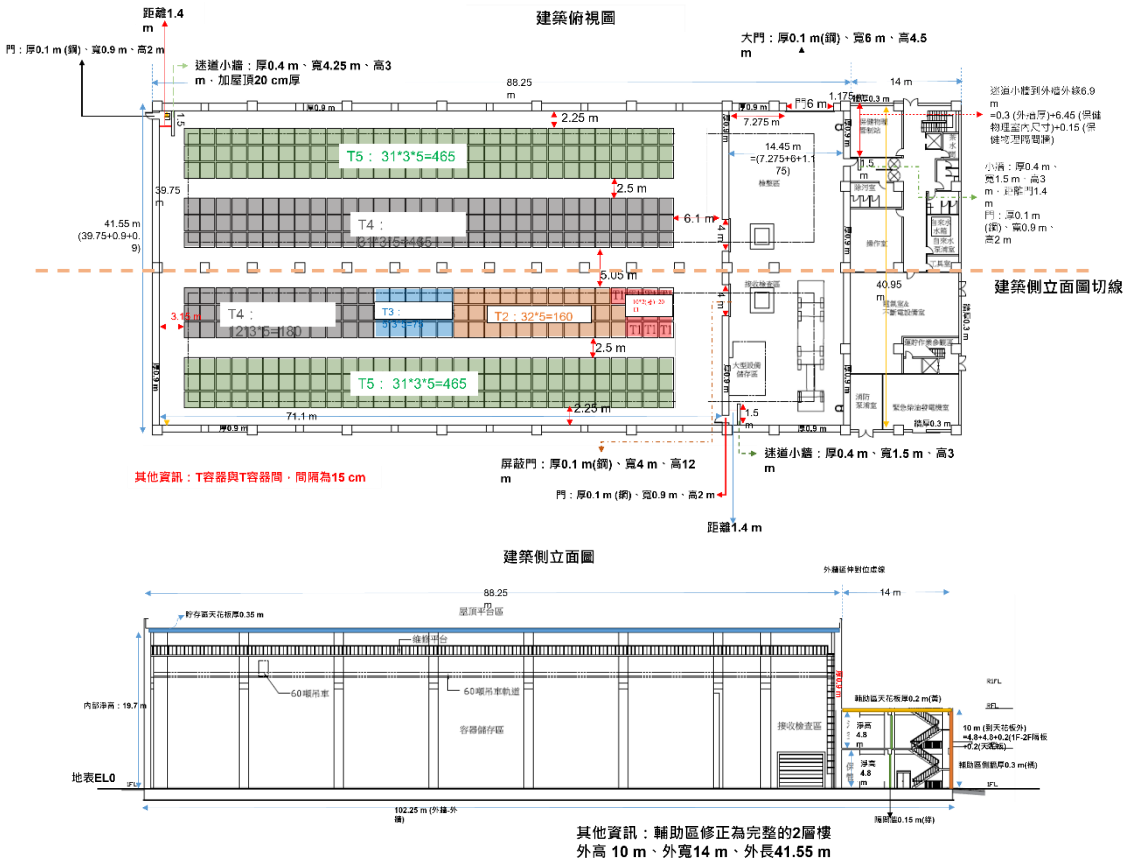


圖 3、低放貯存庫設施幾何示意圖二(上)俯視圖(下)立面圖

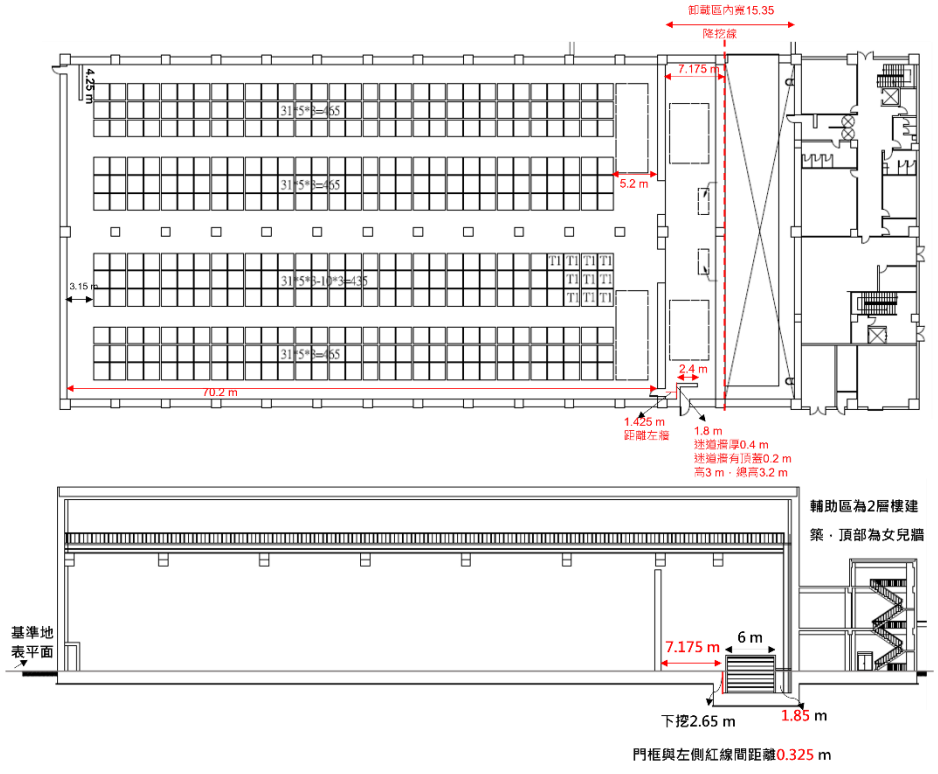


圖 4、低放貯存庫設施幾何示意圖三(更新圖面)(上)俯視圖(下)立面圖

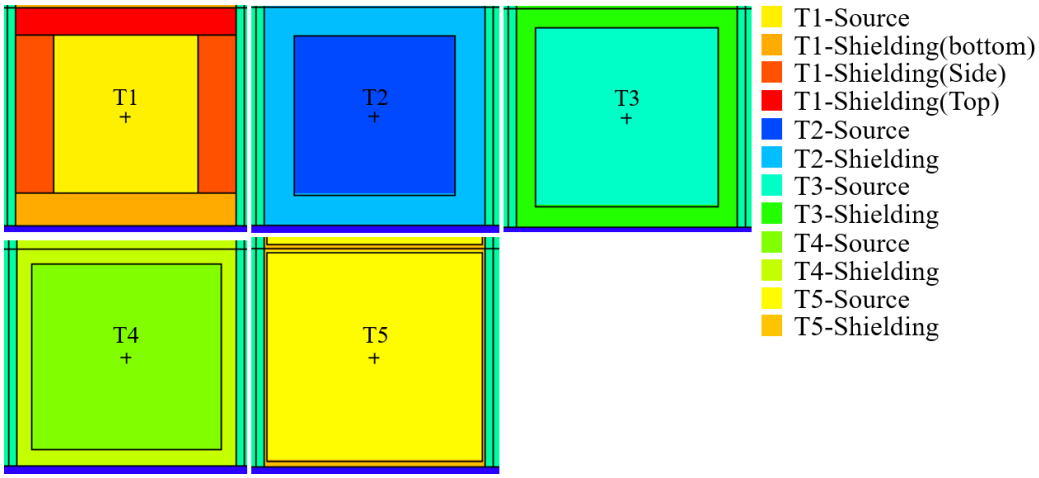


圖 5、簡化 T 容器屏蔽分析模型

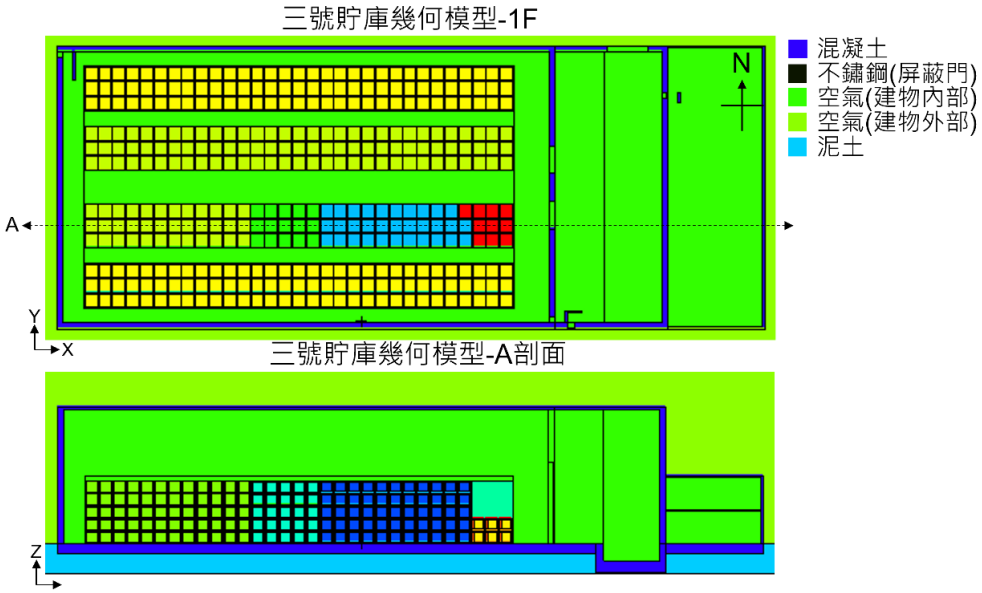


圖 6、低放貯存設施屏蔽分析模型(上)俯視圖(下)立面圖

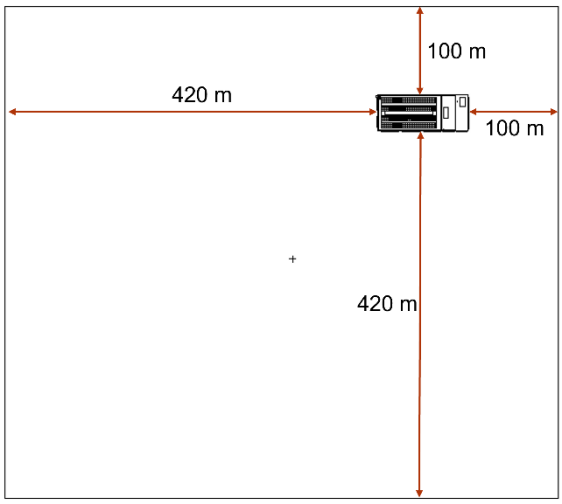


圖 7、設施周遭劑量率隨距離變化評估示意圖

表 1、T 容器設計貯放數目及設計活度

容器	貯放數目(個)	單一箱體之Co-60 設計活度(Bq)	Co-60 總活度(Bq)
T1	20	7.10E+14	1.42E+16
T2	160	8.80E+13	1.41E+16
T3	75	2.83E+12	2.12E+14
T4	645	7.45E+11	4.81E+14
T5-D	930	2.26E+10	2.10E+13
總計	1,830		2.90E+16

表 2、劑量轉換因子 ICRP 74 報告有效劑量率 AP 照射方向[4]

能量 (MeV)	ICRP74: E-AP ($pSv\text{-}cm^2$)	能量 (MeV)	ICRP74: E-AP ($pSv\text{-}cm^2$)
0.01	4.85E-02	0.30	1.51E+00
0.015	1.25E-01	0.40	2.00E+00
0.02	2.05E-01	0.50	2.47E+00
0.03	3.00E-01	0.60	2.91E+00
0.04	3.38E-01	0.80	3.73E+00
0.05	3.57E-01	1.00	4.48E+00
0.06	3.78E-01	2.00	7.49E+00
0.08	4.40E-01	4.00	1.20E+01
0.10	5.17E-01	6.00	1.60E+01
0.15	7.52E-01	8.00	1.99E+01
0.20	1.00E+00	10.00	2.38E+01

表 3、材料組成

]

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
金屬結構	Fe	100.00	7.85
混凝土	H	2.21	2.10
	C	0.25	
	O	57.49	
	Na	1.52	
	Mg	0.13	
	Al	2.00	
	Si	30.46	
	K	1.00	
	Ca	4.30	
	Fe	0.64	
泥土	O	51.37	1.52
	Na	0.61	
	Mg	1.33	
	Al	6.86	
	Si	27.12	
	K	1.43	
	Ca	5.12	
	Ti	0.46	
	Mn	0.07	
	Fe	5.63	
鉛	Pb	100.00	11.3

表 3、材料組成(續)

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
空氣	C	0.01	1.205E-3
	N	75.53	
	O	23.18	
	Ar	1.28	
T1-Source	H	0.54	4.29
	C	0.06	
	N	0.002	
	O	13.97	
	Na	0.37	
	Mg	0.03	
	Al	0.48	
	Si	7.40	
	Ar	0.00003	
	K	0.24	
	Ca	1.04	
	Fe	75.86	
T1-Shielding Bottom	H	0.02	7.64
	C	0.002	
	N	0.0005	
	O	0.55	
	Na	0.01	
	Mg	0.001	
	Al	0.02	

表 3、材料組成(續)

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
T1-Shielding Bottom	Si	0.29	7.64
	Ar	0.00001	
	K	0.01	
	Ca	0.04	
	Fe	78.45	
	Pb	20.60	
T1-Shielding Side	H	0.11	7.09
	C	0.01	
	O	2.80	
	Na	0.07	
	Mg	0.01	
	Al	0.10	
	Si	1.49	
	K	0.05	
	Ca	0.21	
	Fe	95.15	
T1-Shielding Top	C	0.0000002	7.50
	N	0.001	
	O	0.0003	
	Ar	0.00002	
	Fe	75.89	
	Pb	24.11	

表 3、材料組成(續)

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
T2-Source	H	0.57	4.12
	C	0.06	
	O	14.94	
	Na	0.40	
	Mg	0.03	
	Al	0.52	
	Si	7.92	
	K	0.26	
	Ca	1.12	
	Fe	74.18	
T2-Shielding	H	0.14	7.01
	C	0.02	
	N	0.0003	
	O	3.53	
	Na	0.09	
	Mg	0.01	
	Al	0.12	
	Si	1.87	
	Ar	0.00001	
	K	0.06	
	Ca	0.26	
	Fe	93.89	

表 3、材料組成(續)

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
T3-Source	H	0.64	3.92
	C	0.07	
	O	16.63	
	Na	0.44	
	Mg	0.04	
	Al	0.58	
	Si	8.81	
	K	0.29	
	Ca	1.24	
	Fe	71.27	
T3-Shielding	H	0.20	6.98
	C	0.02	
	N	0.0005	
	O	5.13	
	Na	0.14	
	Mg	0.01	
	Al	0.18	
	Si	2.72	
	Ar	0.00001	
	K	0.09	
	Ca	0.38	
	Fe	91.14	

表 3、材料組成(續)

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
T4-Source	H	0.50	4.45
	C	0.06	
	O	13.08	
	Na	0.35	
	Mg	0.03	
	Al	0.45	
	Si	6.93	
	K	0.23	
	Ca	0.98	
	Fe	77.40	
T4-Shielding	H	0.26	6.59
	C	0.03	
	N	0.0006	
	O	6.67	
	Na	0.18	
	Mg	0.01	
	Al	0.23	
	Si	3.53	
	Ar	0.00001	
	K	0.12	
	Ca	0.50	
	Fe	88.47	

表 3、材料組成(續)

材質名稱	組成元素	重量百分比 (w/o)	密度 (g/cm^3)
T5-Source	H	0.47	4.34
	C	0.05	
	N	0.001	
	O	12.13	
	Na	0.32	
	Mg	0.03	
	Al	0.42	
	Si	6.43	
	Ar	0.00002	
	K	0.21	
	Ca	0.91	
	Fe	79.03	
T5-Shielding	C	0.000002	7.84
	N	0.01	
	O	0.004	
	Ar	0.0002	
	Fe	99.98	

四、評估結果

此章節將依序描述以下低放貯存庫設施三種評估案例的 MCNP 評估結果：(1)低放貯存庫設施內部劑量率評估、(2)低放貯存庫設施內外特定位置劑量率評估及(3)低放貯存庫設施外部周遭劑量率評估。

4.1 低放貯存庫設施內部劑量率評估

低放貯存庫設施內部劑量率評估，將以格點計分的方式來進行，將設施內部(包含貯存區、卸載區與輔助區)約略劃分為 4 m×4 m×4 m 一格，隔間牆區域以其厚度 90 cm 劃分，以利區分出 T 容器貯放位置與建物屏蔽牆來討論設施內部劑量率分布。

設施內部高度為 19.7 m，可依高度不同區分為五層劑量率分布(0-4 m、4-8 m、8-12 m、12-16 m、16-19.7 m)，由下而上為第一層依序往上，繪製設施內部五層劑量率分布圖(圖 8 至圖 12)，圖標範圍為 10^{-7}-10 mSv/h。圖 8(Z=2 m)貯存區明顯呈現 T 容器的貯放區域，其中以第三區塊(包含 T1、T2、T3 及 T4)劑量率最大約為 3.57×10^{3} mSv/h，第二區塊(T4)劑量率約為 2.75×10^{1} mSv/h，第一區塊(T5)和第四區塊(T5)約為 9.22×10^{-1} mSv/h，走道部分平均劑量率約為 2.34×10^{-1} mSv/h。圖 8(Z=2 m)卸載區劑量率約為 1.01×10^{-3} mSv/h，輔助區劑量率約為 1.13×10^{-8} mSv/h；圖 9(Z=6 m)相較於圖 8(Z=2 m)兩者在貯存區分布趨勢相同，但可明顯發現在 T1 擺放位置劑量率較低(T1 容器僅擺放 2 層至 4 m 高度)，圖 9(Z=6 m)的卸載區和輔助區劑量率皆大於圖 8(Z=2 m)；圖 10(Z=10 m)至圖 12(Z=17.85 m)，貯存區劑量率隨高度增高而劑量率逐步下降，但在卸載區卻呈現劑量率逐步上升，因為貯存區與卸載區間的隔間牆高度僅 12 m，超過此高度輻射可經由各種散射作用遷移至卸載區甚至抵達輔助區，輔助區高度僅 10 m，超過 10 m 高度其實已屬於建物外部，此處劑量率隨高度上升亦受隔間牆高度 12 m 所致。

其中，第一層(0-4 m)與第二層(4-8 m)MCNP 評估結果，貯存區統計誤差小於 1 %、卸載區統計誤差小於 6 %、輔助區統計誤差小於 40 %(第一層輔助區部分格點統計誤差較大)，其中以輻射粒子遷移至輔助區最為困難，僅能依靠再增加評估時數來降低統計誤差；第三層至第五層 MCNP 評估結果，貯存區統計誤差小於 1 %、卸載區統計誤差小於 3 %、輔助區統計誤差小於 5 %。

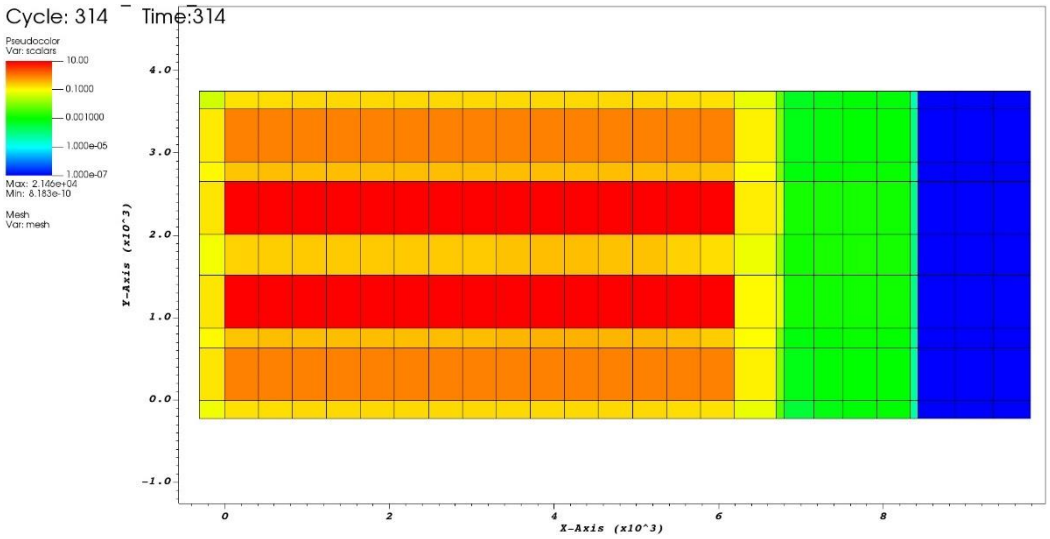


圖 8、低放貯存設施內部劑量分布(Z=2 m)

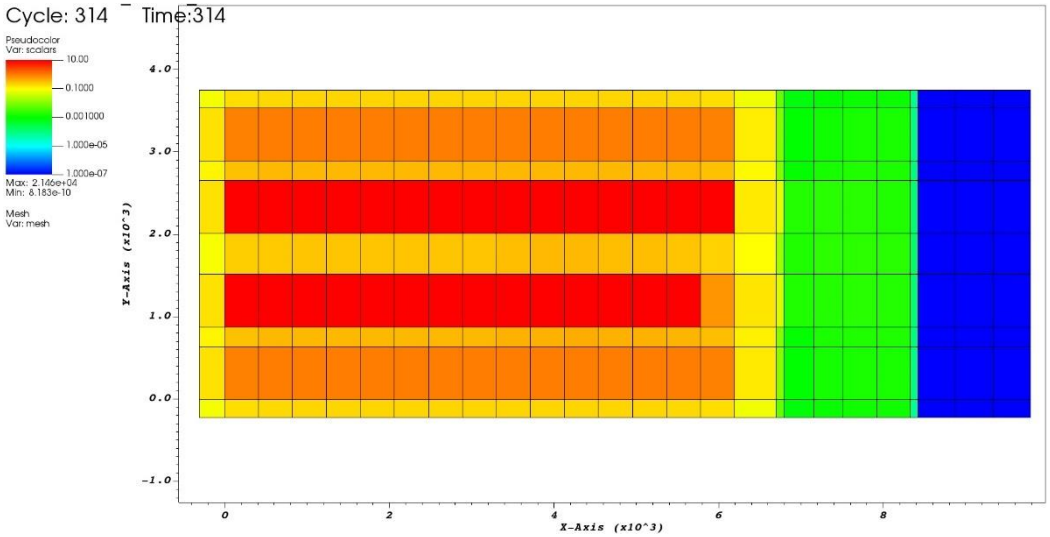


圖 9、低放貯存設施內部劑量分布(Z=6 m)

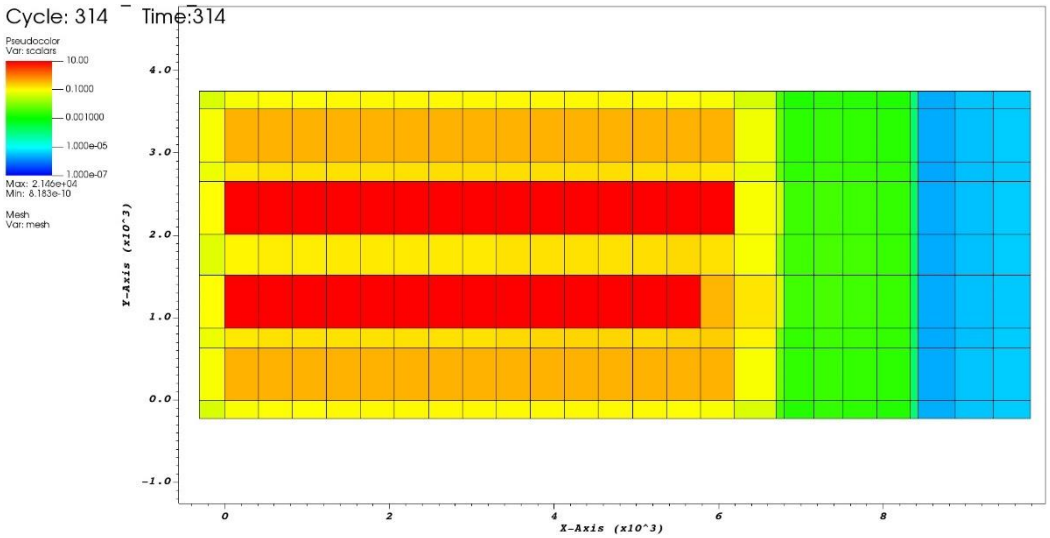


圖 10、低放貯存設施內部劑量分布(Z=10 m)

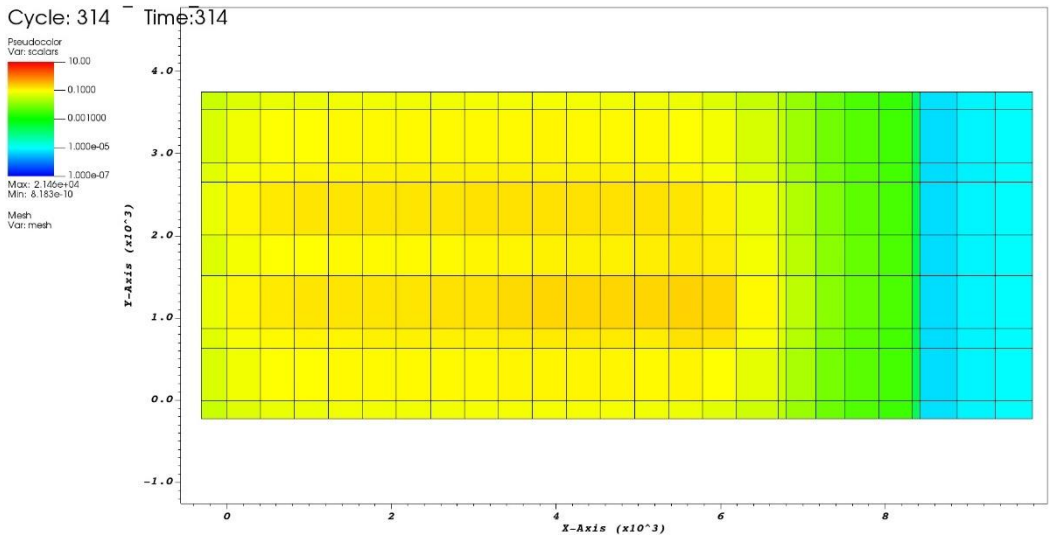


圖 11、低放貯存設施內部劑量分布(Z=14 m)

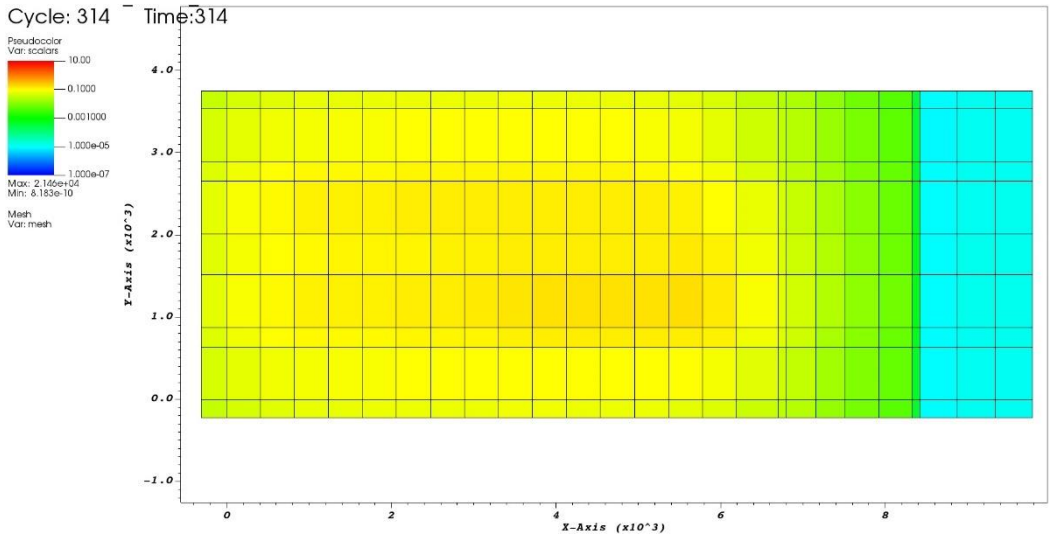


圖 12、低放貯存設施內部劑量分布(Z=17.85 m)

4.2 低放貯存庫設施內外特定位置劑量率評估

低放貯存庫設施內外特定位置劑量率評估，將以區域計分的方式來進行，特定位置包括設施內部之貯存區中間走道、卸載區接收檢查區、輔助區小門迷道牆外側(1F&2F)和設施外部之貯存區天花板上方及卸載區天花板上方。額外在貯存區與卸載區天花板上方參照設施內部格點劃分方式計分天花板上方劑量分布。

設施內部：貯存區中間走道、卸載區接收檢查區、輔助區小門迷道牆外側(1F&2F)，評估結果呈現於表 4。貯存區中間走道評估範圍為第二區塊與第三區塊中間走道(T 容器射源強度較強區塊)，高度為 0-2 m(人員所在高度)，劑量率為 2.37×10^{-1} mSv/h，可用於評估工作人員於貯存區作業時之劑量率。卸載區接收檢查區評估範圍為貯存區與卸載區間隔間牆兩個鐵門後方區域，高度為 0-2 m，劑量率為 1.34×10^{-3} mSv/h 已小於 5 μSv/h(台電公司管制區劑量率限制)，上述兩個評估區域統計誤差皆小於 2 %；輔助區 1F 與 2F 評估範圍為輔助區小門後方，劑量率皆為 10^{-8} mSv/h 數量級，因為較難遷移之區域，統計誤差較大，僅參考劑量之數量級。

設施外部：貯存區天花板上方及卸載區天花板上方，評估結果列於表 5。貯存區天花板上方評估範圍為 T 容器擺放位置含其中間走道，高度為天花板上方 2 m 範圍，劑量率評估值為 1.62×10^{-3} mSv/h，可作為評估工作人員在貯存區天花板上方作業時之劑量率；卸載區天花板上方評估範圍為較靠近兩大鐵門之區域，高度同為天花板上方 2 m 範圍，劑量率評估值為 9.50×10^{-5} mSv/h，可作為評估工作人員在貯存區天花板上方作業時之劑量率。

針對貯存區與卸載區天花板上方，參照室內格點劃分方式，計分設施天花板上方劑量率分布(天花板延伸往上 2 m 處，人員在天花板上方進行維修作業所在範圍)，圖 13 呈現劑量率最大區域位於 T1 容器貯存位置上方(3.51×10^{-3} mSv/h)及其周圍區域，整體設施貯存區與卸載區天花板上方皆小於 5 μSv/h。

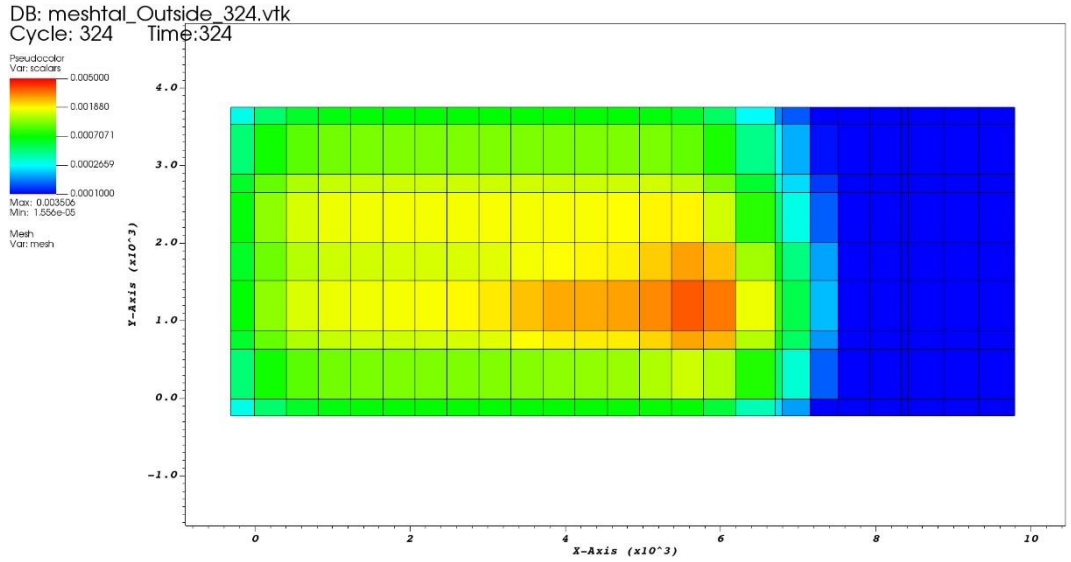


圖 13、低放貯存設施天花板上方劑量分布(Z=21.10 m)

表 4、低放貯存庫設施內特定位置劑量率結果

	劑量率(mSv/h)	相對誤差(%)
貯存區	2.37E-01	0.13
卸載區接收檢查區	1.34E-03	1.88
輔助區 1F	1.43E-08	42.18
輔助區 2F	4.46E-08	5.68

表 5、低放貯存庫設施外特定位置劑量率結果

	劑量率(mSv/h)	相對誤差(%)
貯存區天花板上方	1.62E-03	0.11
卸載區天花板上方	9.50E-05	0.78

4.3 意外情節評估

在此假設設施內部屏蔽門作用失靈，即代表貯存區與卸載區間兩大鐵門與人員通行門皆無鋼門之設置及卸載區與輔助區間人員通行門也無鋼門之設置。以上述假設條件重新進行低放貯存庫設施內部劑量率評估及低放貯存庫設施內外特定位置劑量率評估。

低放貯存庫設施內部劑量率評估結果，評估方式與 4.1 節相同，僅變更為意外情節之設施屏蔽分析模型。設施內部高度為 19.7 m，依高度不同區分為五層劑量率分布(0-4 m、4-8 m、8-12 m、12-16 m、16-19.7 m)，由下而上為第一層依序往上，繪製設施內部五層劑量率分布圖(圖 14 至圖 18)，圖標範圍為 10^{-7}-10 mSv/h。

圖 14(Z=2 m)為第一層劑量率分布，與圖 8(Z=2 m)相比，貯存區無差異，主要差別在於卸載區與輔助區位置，可顯著發現貯存區與卸載區間隔牆之兩大鐵門右側及在穿越輔助區人員通行門右上方兩處劑量率顯著提升，卸載區間劑量率約為 8.50×10^{-3} mSv/h，輔助區劑量率約為 4.50×10^{-6} mSv/h。其餘圖 15 至圖 18 除上述兩處外，其餘特性皆與 4.1 節呈現一致。

低放貯存庫設施內外特定位置劑量率評估，特定位置包括設施內部之貯存區中間走道、卸載區接收檢查區、輔助區小門迷道牆外側(1F&2F)和設施外部之貯存區天花板上方及卸載區天花板上方。額外在貯存區與卸載區天花板上方參照設施內部格點劃分方式計分天花板上方劑量分布

設施內部：貯存區中間走道、卸載區接收檢查區、輔助區小門迷道牆外側(1F&2F)，評估結果呈現於表 6。評估方式與 4.2 節相同，僅變更為意外情節之設施屏蔽分析模型。意外情節下，貯存區中間走道劑量率與 4.2 節評估結果相同，此意外情節假設對貯存區劑量無影響。卸載區接收檢查區劑量率為 2.53×10^{-2} mSv/h，意外情節假設造成此處劑量率提升約 19 倍；輔助區 1F 劑量率約為 9.08×10^{-6} mSv/h，意外情節假設造成之劑量差異約高 2 個數量級與輔助區 2F 劑量率為 10^{-7} mSv/h 數量級。

設施外部：貯存區天花板上方及卸載區天花板上方，評估結果列於表 7。貯存區天花板上方劑量率無變化，卸載區天花板上方劑量率評估為 1.01×10^{-4} mSv/h，提

升約 6 %。針對貯存區與卸載區天花板上方，參照室內格點劃分方式，計分設施天花板上方劑量率分布(天花板延伸往上 2 m 處，人員在天花板上方進行維修作業所在範圍)，圖 19 呈現劑量率分布特性同於圖 13。

總結設施內部屏蔽門作用失靈意外假設情節，主要影響範圍為設施內部卸載區與輔助區劑量率分布，對貯存區及各區天花板上方劑量率無太大影響。

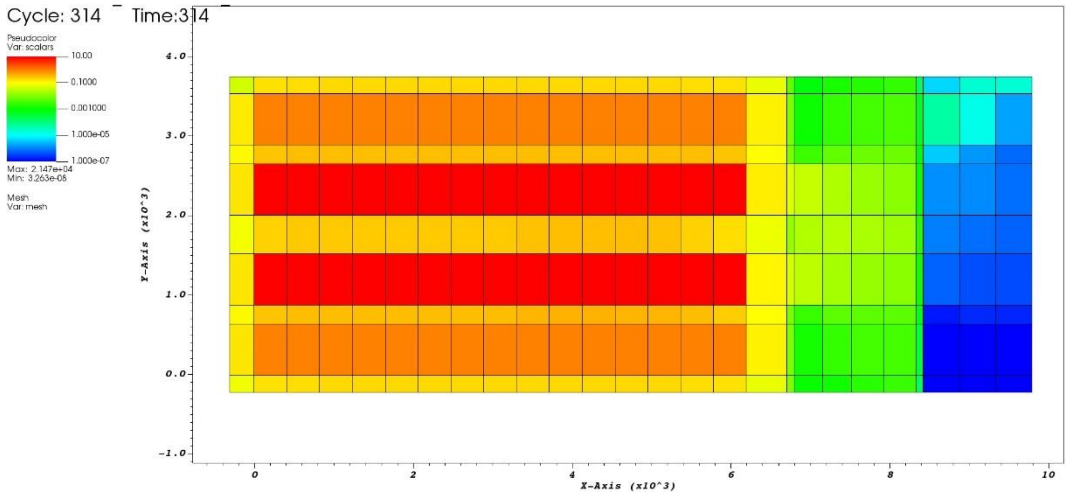


圖 14、意外情節之低放貯存設施內部劑量分布(Z=2 m)

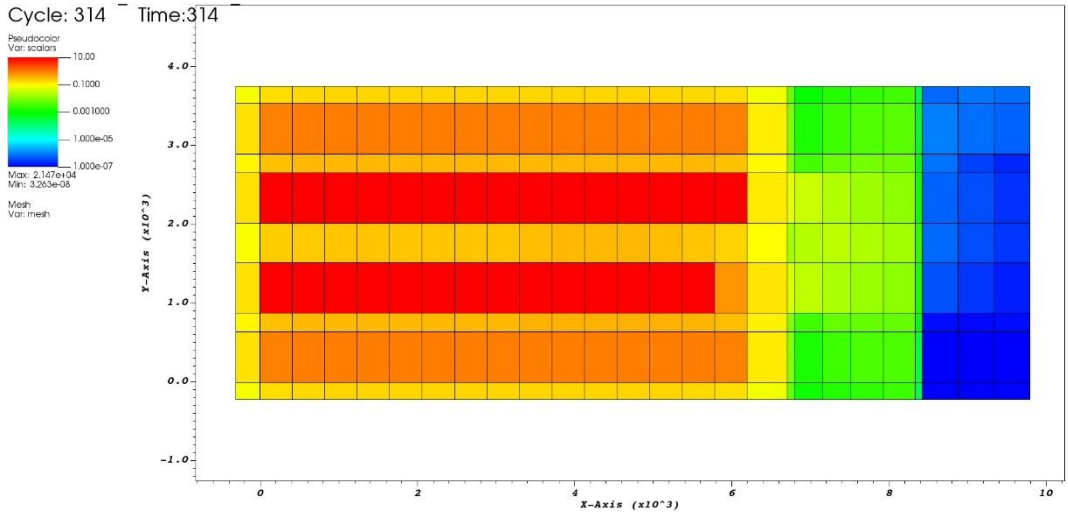


圖 15、意外情節之低放貯存設施內部劑量分布(Z=4 m)

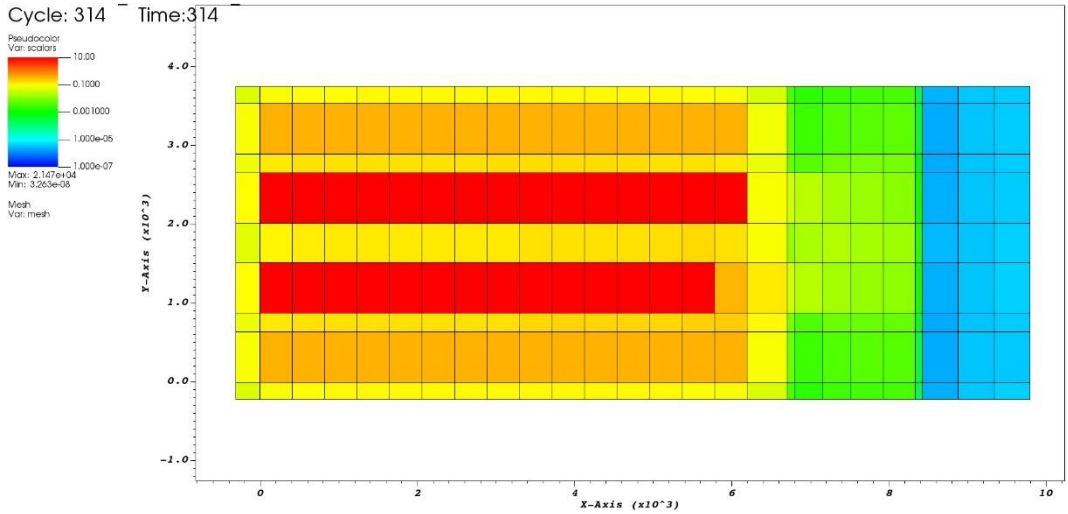


圖 16、意外情節之低放貯存設施內部劑量分布(Z=10 m)

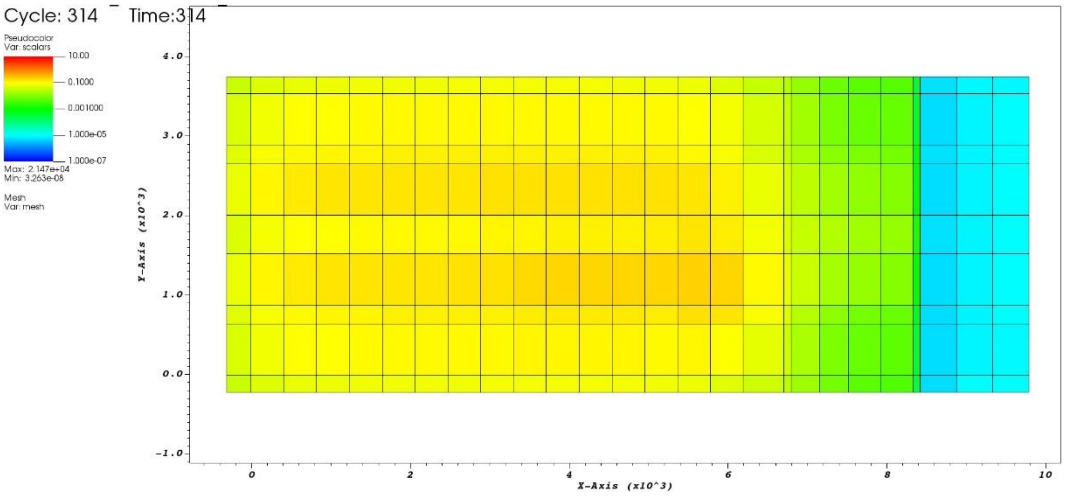


圖 17、意外情節之低放貯存設施內部劑量分布(Z=14 m)

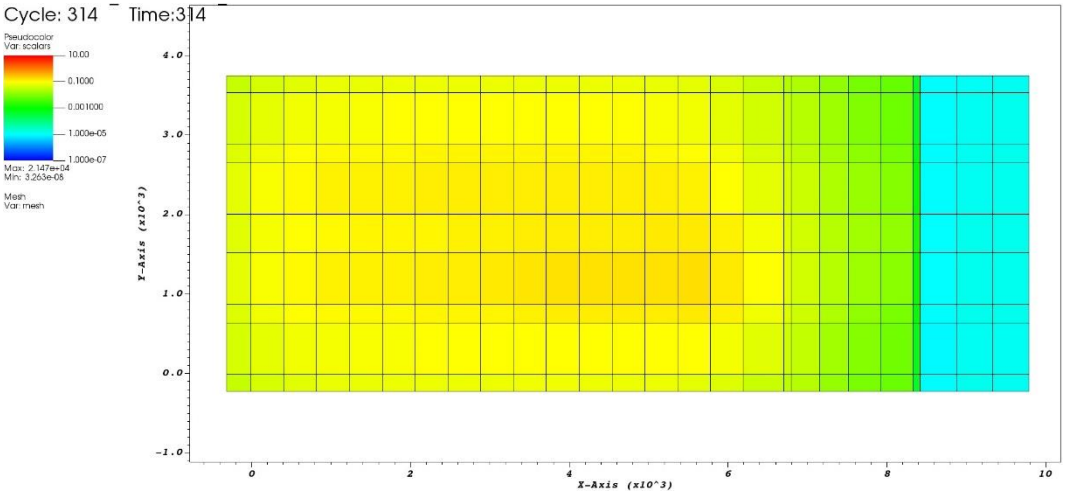


圖 18、意外情節之低放貯存設施內部劑量分布(Z=17.85 m)

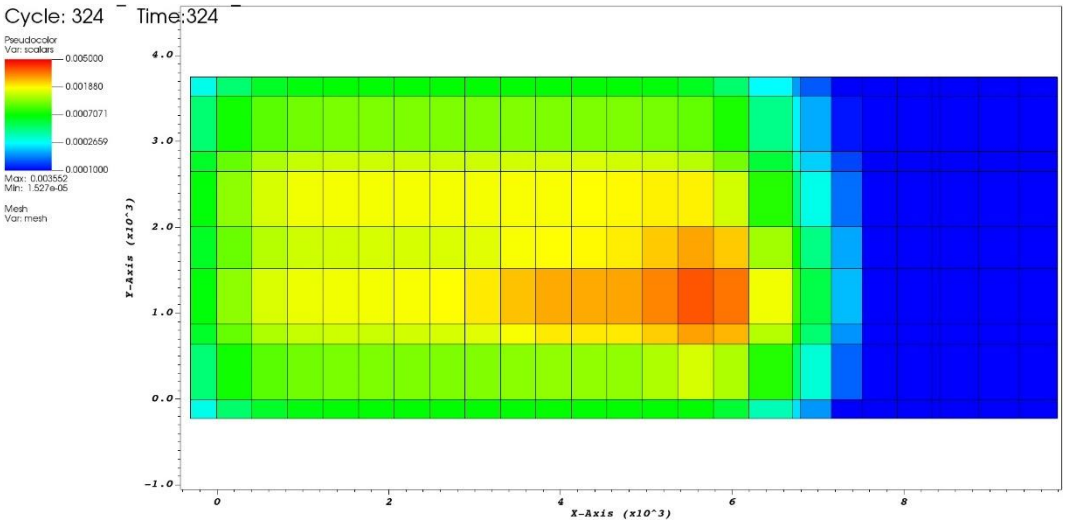


圖 19、意外情節之低放貯存設施天花板上方劑量分布(Z=21.10 m)

表 6、意外情節之低放貯存庫設施內特定位置劑量率結果

	劑量率(mSv/h)	相對誤差(%)
貯存區	2.38E-01	0.17
卸載區接收檢查區	2.53E-02	1.32
輔助區 1F	9.08E-06	30.78
輔助區 2F	1.38E-07	21.88

表 7、意外情節之低放貯存庫設施外特定位置劑量率結果

	劑量率(mSv/h)	相對誤差(%)
貯存區天花板上方	1.63E-03	0.12
卸載區天花板上方	1.01E-04	0.87

4.4 低放貯存庫設施外部周遭劑量率評估

低放貯存庫設施外部周遭劑量率評估，以格點計分的方式來進行評估，將整體設施及設施周遭區域(至建物外 100 m 處)約略劃分為 4 m×4 m×2 m 一格，計分整體設施周遭劑量率分布圖，其中 Z 軸格點計分 0 至 2 m 處為人員可能所在位置高度；另一部分，將參照圖 7 進行設施周遭劑量率隨距離變化評估(東側與北側評估至距設施外 100 m 處，西側與南側劑量率相較另外兩側較大且考慮邊界較遠，故評估至 420 m 處)。

圖 20 為計分低放貯存庫設施周遭劑量率分布圖(100 m×100 m)，色標為 10^{-6}-1.1×10^{-5} mSv/h，圖中黑線為 0.05 mSv/y。設施內部：貯存區與卸載區劑量率皆大於 10^{-5} mSv/h，僅輔助區劑量率低於 10^{-6} mSv/h。設施外部：西側劑量率大於東側劑量率，貯存區 T 容器所在區域較靠近設施西側，且設施東側仍有卸載區及輔助區作為額外建物屏蔽；南側劑量率大於北側劑量率，主要原因為 T 容器擺放方式，第三區塊包含 T1、T2、T3、T4 箱體佔了高比例的射源活度。採用蒙地卡羅模擬對設施進行輻射屏蔽分析，依據圖 20 可觀察到，設施外周遭劑量率的最大值並非位於設施建物表面，而是會位於距設施某個距離，以圖 20 呈現結果約略距設施 20 m 處劑量率分布為最大值，越往外側劑量率隨距離逐步降低。

參照圖 7 進行設施周遭劑量率隨距離變化評估，圖 21 呈現低放貯存庫周遭劑量率分布隨距離變化(至距離設施 100 m 處)，明確顯示設施外周遭劑量率分布以南側為最大值，依序為北側、西側及東側，且再次呈現約位於距設施 20 m 處劑量率抵達峰值。延續圖 21 對設施劑量率較大之兩方向評估至距離設施 420 m 處，圖 22 呈現劑量率峰值約為 10^{-5} mSv/h，至距離設施 420 m 處劑量率將降低至 10^{-7} mSv/h 數量級。圖 21 與圖 22 圖上虛線為 0.05 mSv/y 劑量線，設施東側出建物外劑量率分布即小於 0.05 mSv/y，設施西側至距離設施 45 m 處劑量率小於 0.05 mSv/y，設施南側至距離設施 60 m 處劑量率小於 0.05 mSv/y，設施北側 58 m 處劑量率小於 0.05 mSv/y。

由程式評估之低放貯存庫設施外部周遭劑量率結果，推估設施東側 400 m、西側 900 m、南側 400 m 及北側 1150 m 處劑量率，其中參考圖 21 設施周遭劑量率分布關係，保守選擇以西側劑量率擬合曲線推估東側 400 m 處劑量率，以南側劑量率

擬合曲線推估北側 1150 m 處劑量率。

推估設施東側 400 m、西側 900 m、南側 400 m 及北側 1150 m 處劑量率結果列於表 8。保守以低放貯存庫設施西側 400 m 處劑量率作為設施東側 400 m 處之推估劑量率(3.84×10^{-8} mSv/h)；低放貯存庫設施西側劑量率分布評估結果(圖 22)，以二次多項式擬合曲線之劑量率公式為：

$$\log D = -2.3573 \times (\log X)^2 + 8.0219 \times \log X - 12.207$$

其中 D 為劑量率(mSv/h)，X 為距離(m)。以擬合曲線外插 900 m 處之劑量率為 8.28×10^{-10} mSv/h。參照圖 22，低放貯存庫設施南側 400 m 處劑量率為 4.88×10^{-8} mSv/h；保守以低放貯存庫設施南側劑量率分布評估結果(圖 22)推估設施北側 1150 m 處劑量率，設施南側劑量率分布評估結果以二次多項式擬合曲線之劑量率公式為：

$$\log D = -2.3946 \times (\log X)^2 + 8.1754 \times \log X - 12.271$$

其中 D 為劑量率(mSv/h)，X 為距離(m)。以擬合曲線外插設施北側 1150 m 處劑量率為 2.09×10^{-10} mSv/h。

表 8、推估低放貯存庫設施外特定距離劑量率

	距離 (m)	推估劑量率 (mSv/h)
東側	400	3.84E-08
西側	900	8.28E-10
南側	400	4.88E-08
北側	1150	2.09E-10

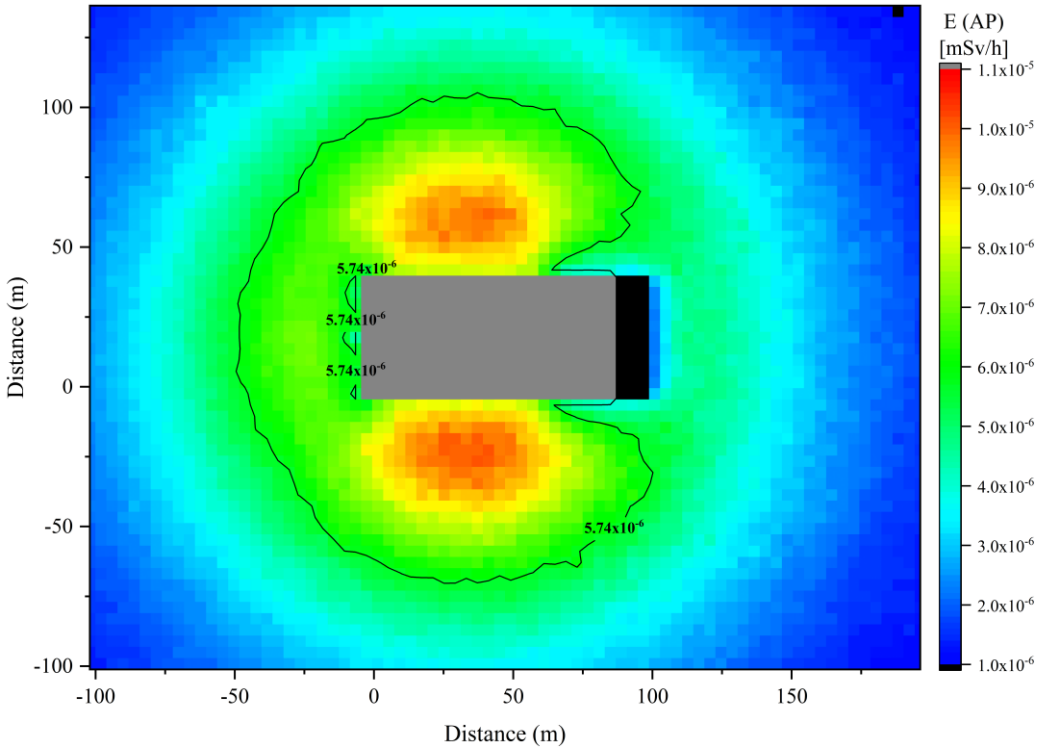


圖 20、低放設施貯存庫周遭劑量率地圖(100 m×100 m)

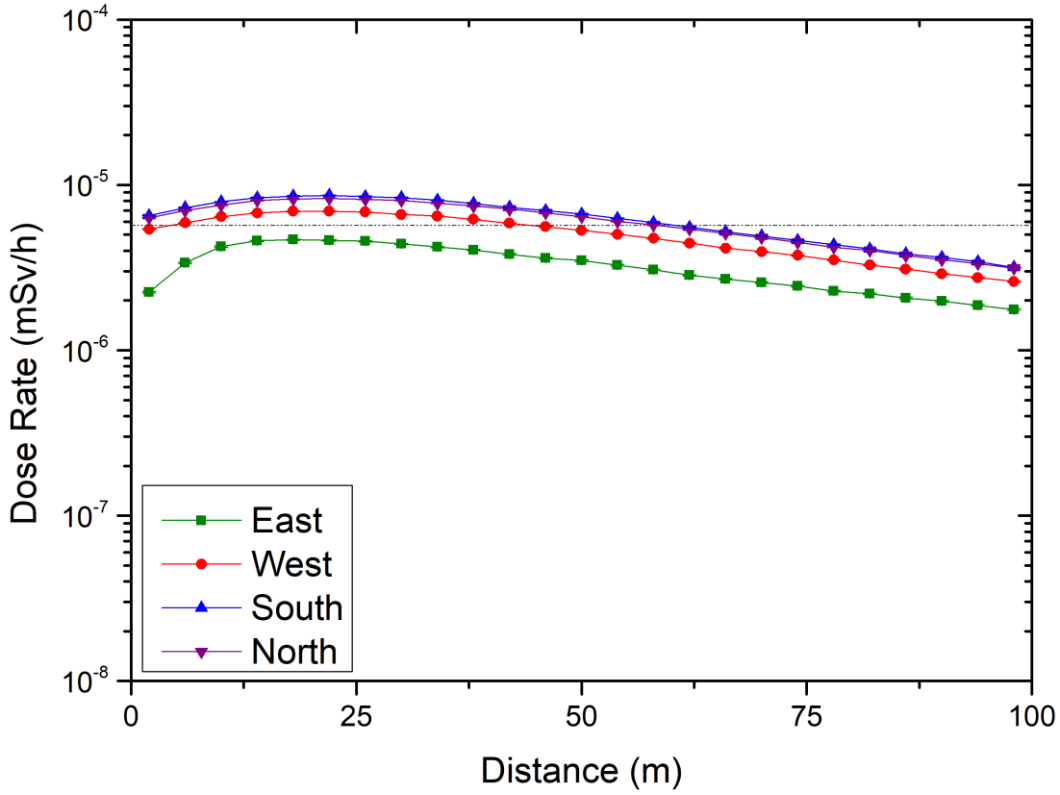


圖 21、低放設施貯存庫周遭劑量率分布隨距離變化(至距離設施 100 m 處)

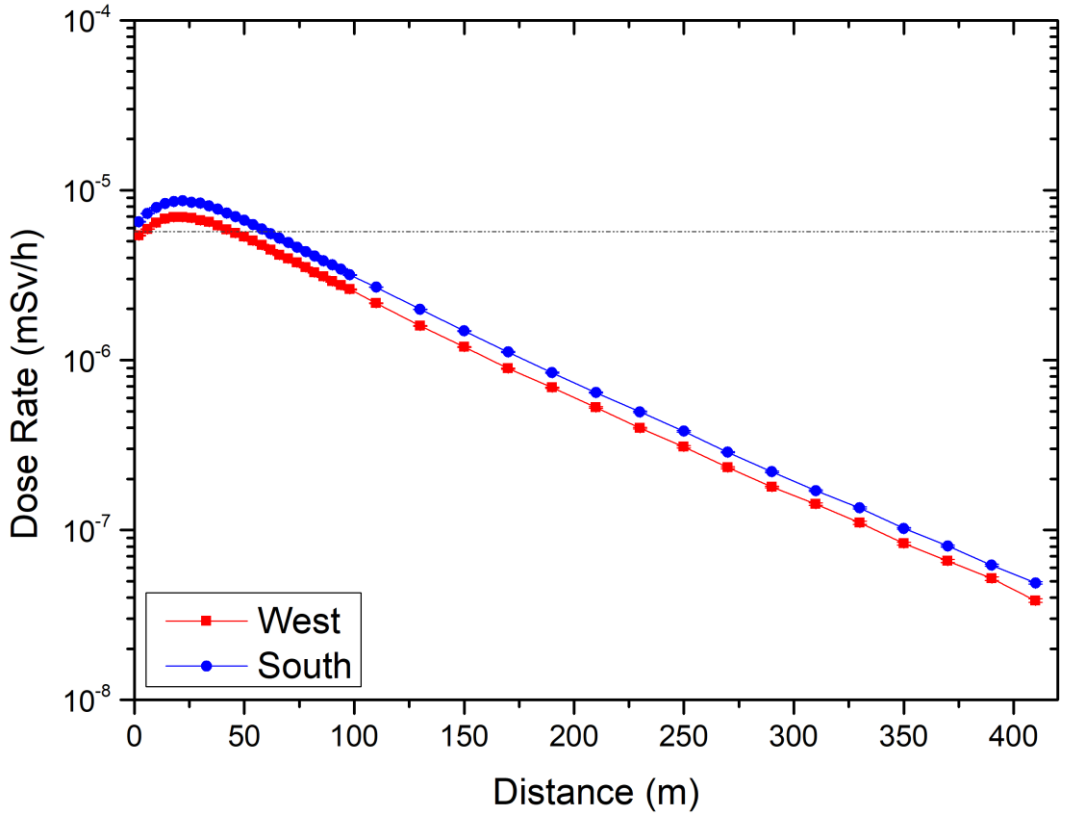


圖 22、低放設施貯存庫西側與南側劑量率分布隨距離變化(至距離設施 420 m 處)

五、參考文獻(References)

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附件 4　　核一廠三號低貯庫技師簽證資料

台灣電力公司

附件 4

核一廠三號低貯庫技師簽證資料

中華民國 113 年 7 月

本安全分析報告之技師簽證資料如下表：

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建證字第 003641 號	張至正	建築師
技執字第 000050 號	柳松旺	土木技師
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