

結構計算書

農糧產品安全品質檢測與情資分析中心

新建工程委託規劃設計監造技術服務案

警衛室(B 棟) 暫存區(C、D 棟)

【核定版】

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結構設計：立信工程顧問有限公司

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結構分析應用程式：ETABS 19.

目錄

壹、	工程概述	6
1.1	工程名稱	6
1.2	建築設計概要	6
貳、	結構系統概要說明	7
2.1	結構系統	7
2.3	結構斷面尺寸	7
2.4	載重組合	8
參、	設計規範及材料強度	9
3.1	設計規範	9
3.2	材料強度	9
肆、	設計載重	10
4.1	樓板設計靜載重	10
4.2	樓板設計活載重	11
4.3	建築物重量計算	11
伍、	結構分析及設計程式	12
5.1	結構分析程式	12
5.2	結構分析模型	12
5.3	平面結構配置	13
5.4	立面結構配置	16
陸、	地震力分析	17
6.1	結構基本振動週期、模態及參與質量	17
6.2	地震力計算	18
6.3	動力分析	50
6.4	扭矩放大係數檢討	51
6.5	層間位移角及碰撞距離檢討	52
柒、	風力分析	54
7.1	風力檢討	54

捌、	結構設計檢討	55
8.1	梁設計	55
8.2	柱設計	62
8.3	板設計	66
玖、	軟層及弱層檢討.....	69
壹拾、	其他特殊檢討	69
11.1	輸入報表	69
11.2	梁分析設計	115
11.3	柱分析設計	119

壹、 工程概述

1.1 工程名稱

農糧產品安全品質檢測與情資分析中心新建工程委託規劃設計監造技術服務案。

1.2 建築設計概要

本基地位於臺中市霧峰區豐正段 777 地號等五筆土地，擬興建四棟建築物，警衛室(B 棟) 為地上一層，樓高 4.5m(不含抬高，不含屋突層)；暫存區(C 棟) 為地上一層，樓高 4.026m(不含抬高，不含屋突層)；暫存區(D 棟) 為地上一層，樓高 4.026m(不含抬高，不含屋突層)

樓層高度及用途分別如下：

警衛室(B 棟)

層別	層高(m)	用途
RF	-	屋頂平台
1F	4.5	警衛室

暫存區(C 棟)

層別	層高(m)	用途
RF	-	屋頂平台
1F	3.875	暫存區

暫存區(D 棟)

層別	層高(m)	用途
RF	-	屋頂平台
1F	3.875	暫存區

貳、結構系統概要說明

2.1 結構系統

本案警衛室(B 棟)為地上一層之鋼筋混凝土建築物，結構系統採用特殊抗彎矩構架結構(SMRF)，承載建築物之垂直載重、水平向及垂直向地震力等。

地上層外牆為 30 cm RC 牆、隔間牆為輕質隔間牆及 12cmRC 牆，承擔上部結構傳遞下來之水平地震剪力、土壓力及水壓力等，基礎採用筏式基礎型式承擔建築物之荷重。

暫存市(C、D 棟)為上一層之鋼筋混凝土建築物，結構系統採用特殊抗彎矩構架結構(SMRF)，承載建築物之垂直載重、水平向及垂直向地震力等。

地上層外牆為 15 cm RC 牆、隔間牆為 15 cm RC 牆，承擔上部結構傳遞下來之水平地震剪力、土壓力及水壓力等，基礎採用獨立基礎型式承擔建築物之荷重。

2.2 開挖擋土支撐

本案警衛室(B 棟)、暫存區(C、D 棟)開挖深度小於 1.5m 無須擋土支撐。

2.3 結構斷面尺寸

警衛室(B 棟)

構件		尺寸 (cm)
柱		30x50
基礎梁		30x205
大梁		30x50
樓板	1F~RF	T=15~30
	FS	T=40
牆	外牆；隔間牆及電(樓)梯牆	RC 牆 =15、30
	隔間牆	輕隔間

暫存室(C、D 棟)

構件		尺寸 (cm)
柱		50x50
基礎梁		30x50
大梁		30x50
小梁		30x60~40x70
樓板	1F~RF	T=20
牆	外牆	RC 牆 =15

註:各構件詳細尺寸另詳各層結構平面圖。

2.4 載重組合

靜載重 D、活載重(L、Lr)

設計風力(Wx、Wy)

水平設計地震力(Ex、Ey)

垂直設計地震力(Ez)

水平設計反應譜地震力(Dx、Dy)

下式中，活載重不超過 500kgf/m² 之區域，於(3A)、(3B)、(4)、(5A)及(5B)式中，1.0L 可減至 0.5L。

$$(1)U=1.4D$$

$$(2)U=1.2D+1.6L+0.5Lr$$

$$(3A)U=1.2D+1.6Lr+1.0L$$

$$(3B)U=1.2D+1.6Lr\pm 0.8(Wx、Wy)$$

$$(4)U=1.2D+1.0L+0.5Lr+1.6(Wx、Wy)$$

$$(5A)U=1.2D+1.0L\pm 1.0(Ex、Ey、Dx、Dy)\pm 0.3Ez$$

$$(5B)U=1.2D+1.0L\pm 0.3(Ex、Ey、Dx、Dy)\pm 1.0Ez$$

$$(6)U=0.9D\pm 1.6(Wx、Wy)$$

$$(7A)U=0.9D\pm 1.0(Ex、Ey、Dx、Dy)\pm 0.3Ez$$

$$(7B)U=0.9D\pm 0.3(Ex、Ey、Dx、Dy)\pm 1.0Ez$$

參、設計規範及材料強度

3.1 設計規範

1. 內政部國土管理署「建築技術規則」
(112 年 5 月 10 日修正，自 113 年 1 月 1 日施行)
2. 內政部國土管理署「建築物耐震設計規範及解說」
(113 年 3 月 1 日修正，並施行)
3. 內政部國土管理署「建築物耐風設計規範及解說」
(103 年 12 月 3 日修正，自 104 年 1 月 1 日施行)
4. 內政部國土管理署「建築物混凝土結構設計規範」
(112 年 8 月 10 日修正，自 113 年 1 月 1 日施行)
5. 內政部國土管理署「鋼構造建築物鋼結構設計技術規範」(極限設計法)
(99 年 9 月 16 日修正，自 99 年 10 月 1 日施行)
6. 內政部國土管理署「建築物基礎構造設計規範」
(112 年 6 月 20 日修正發布，自 113 年 1 月 1 日施行)

3.2 材料強度

1. 鋼筋： $f_y = 2800 \text{ kgf / cm}^2$ D10(含)以下(SD280)
 $f_y = 4200 \text{ kgf / cm}^2$ D13(含)以上(SD420W)
2. 混凝土：
警衛室(B 棟)、暫存區(C、D 棟)
 $f_{c'} = 280 \text{ kgf / cm}^2$

肆、 設計載重

4.1 樓板設計靜載重

主要結構之梁、柱、板及牆均依實際斷面模擬，由分析程式自行依下列之單位重量，計算其自重：

材料	單位重
鋼筋混凝土	2400(kgf/m ³)
鋼	7850(kgf/m ³)
輕質隔間牆	100(kgf/m ²)
屋頂防水隔熱層	200(kgf/m ²)
水泥沙漿粉刷 1cm	20(kgf/m ²)
裝修	100(kgf/m ²)

警衛室(B 棟)

PF	屋頂版	30cm R.C. 樓版	0.720
		防水及隔熱層	0.200
			0.920
1F	室內	15cm R.C. 樓版	0.360
		裝修	0.100
			0.460

暫存區(C、D 棟)

PF	屋頂版	20cm R.C. 樓版	0.480
		防水及隔熱層	0.200
			0.680
1F	室內	15cm R.C. 樓版	0.360
		裝修	0.100
			0.460

4.2 樓板設計活載重

區域	活載重 LL (kgf / m ²)
屋頂平台(RF)	200
警衛室(1F)	300
暫存區(1F)	600

本工程活載重如下，如果承商於施工中有需要堆置材料或通行施工車輛應自行補強。

4.3 建築物重量計算

樓層	樓層重(kgf)	樓層面積(m ²)	單位重(kgf/m ²)
RF	160924.77	126	1277.180
1F	24543.30	18	1363.516

樓層	樓層重(kgf)	樓層面積(m ²)	單位重(kgf/m ²)
RF	55395.02	54	1025.833

樓層	樓層重(kgf)	樓層面積(m ²)	單位重(kgf/m ²)
RF	81294.28	43.22	1880.941

伍、結構分析及設計程式

5.1 結構分析程式

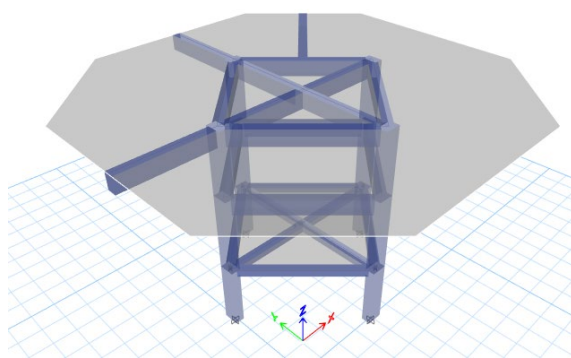
名稱：ETABS 程式

版本：19.

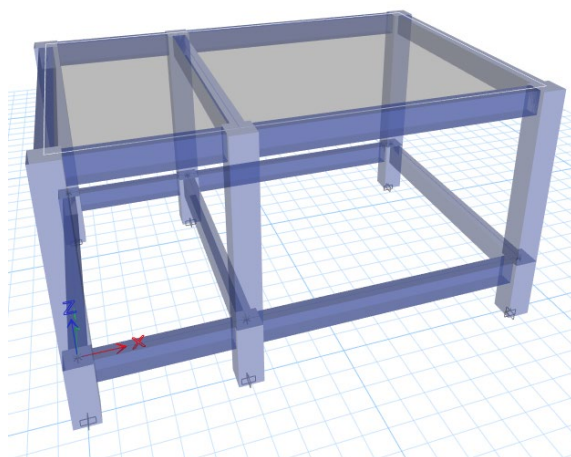
作者與出版廠商：Computers & Structures · INC.

理論架構：以三度空間立體構架分析並考慮二次彎距 (P- Δ 效應) 再配合規範進行設計

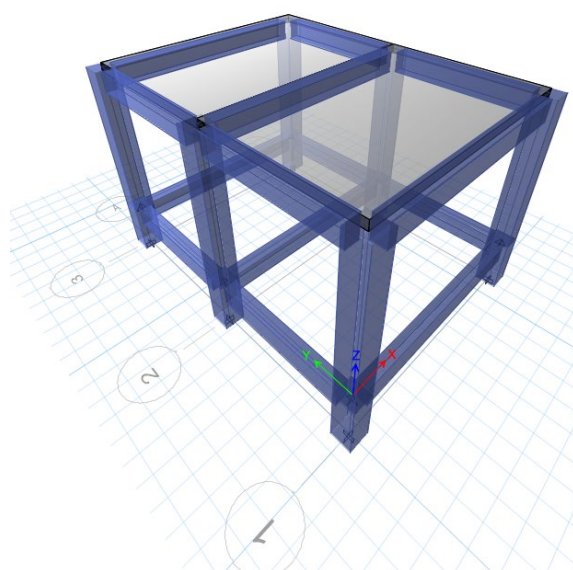
5.2 結構分析模型



3D 模型示意圖-警衛室(B棟)

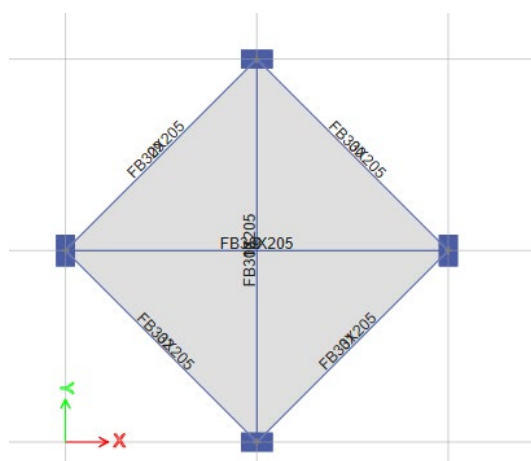


3D 模型示意圖-暫存區(C棟)

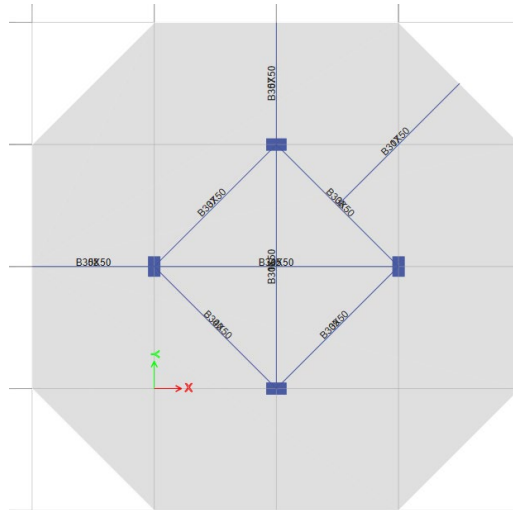


3D 模型示意圖-暫存區(D 棟)

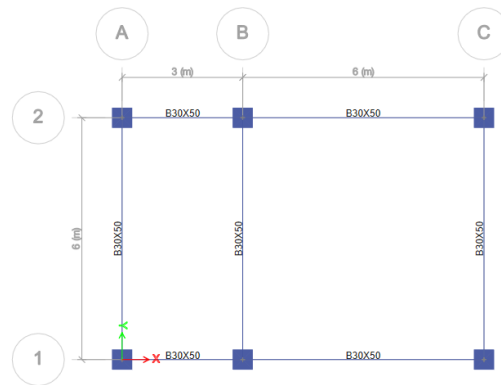
5.3 平面結構配置



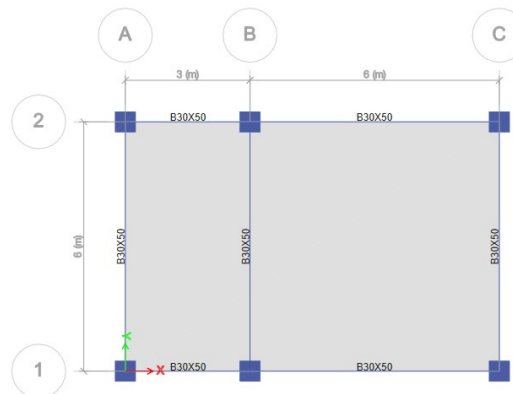
警衛室(B 棟)- (1FL 基礎層結構平面圖)



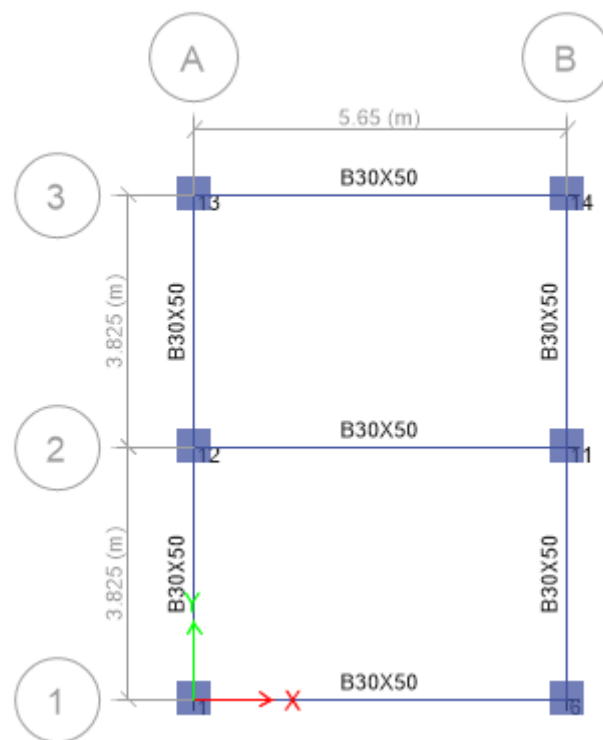
警衛室(B 棟)- (RFL)



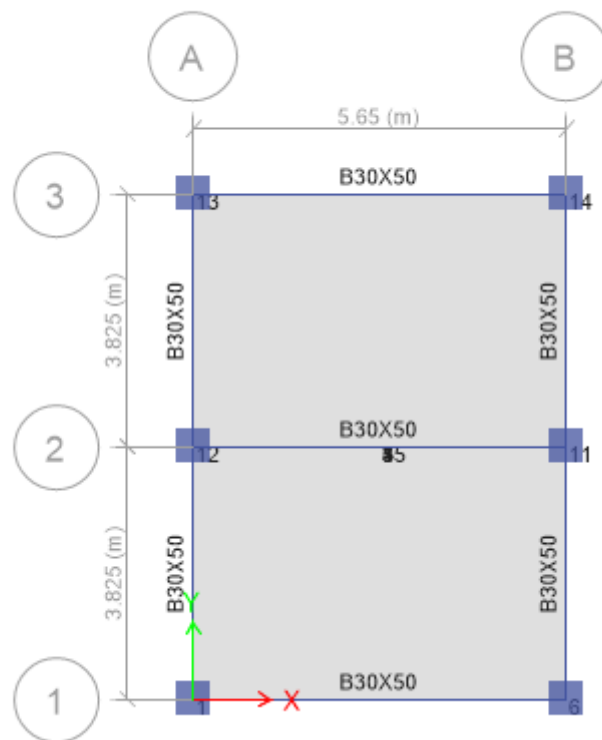
暫存區(C 棟)- (1FL 基礎層結構平面圖)



暫存區(C 棟)- (RFL)

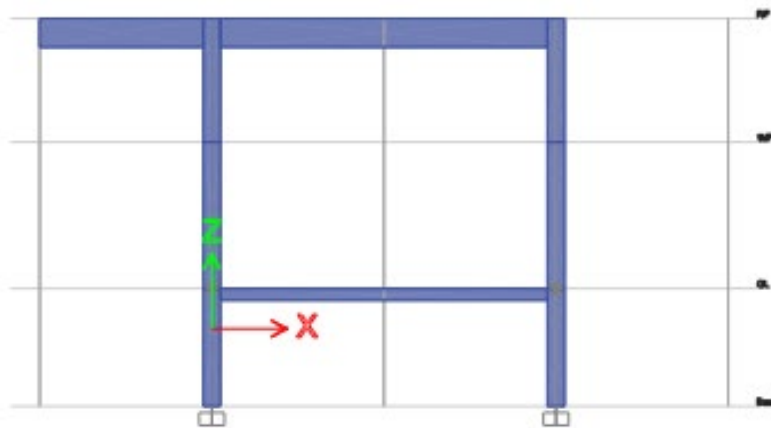


暫存區(D 棟)- (1FL 基礎層結構平面圖)

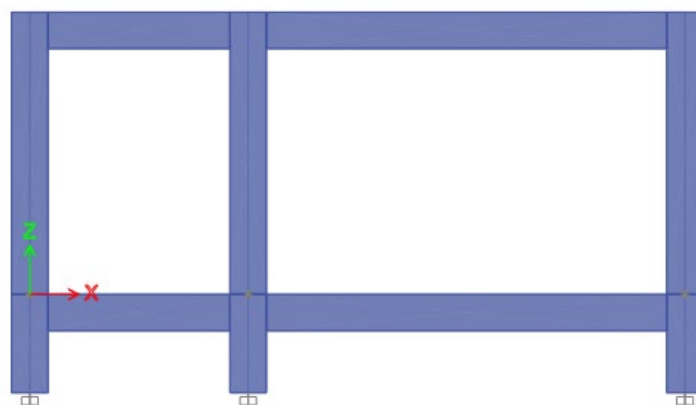


暫存區(D 棟)- (RFL)

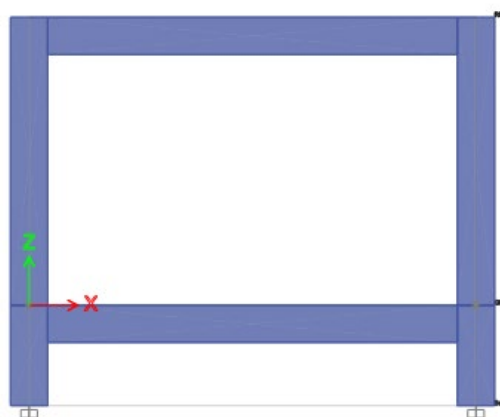
5.4 立面結構配置



警衛室(B 棟)



暫存區(C 棟)



暫存區(D 棟)

陸、地震力分析

6.1 結構基本振動週期、模態及參與質量

依規範反應譜模態需疊加至地面層質量 90%以上，本案取 10 個模態進行分析，已可符合規範要求。

Case	Mode	Period	UX	UY	SumUX	SumUY	RZ	SumRZ
		sec						
Modal	1	0.47	0.0023	1.64E-06	0.0023	1.64E-06	0.9951	0.9951
Modal	2	0.385	0.2326	0.7607	0.2348	0.7607	0.0005	0.9957
Modal	3	0.384	0.7591	0.2332	0.9939	0.9939	0.0016	0.9972
Modal	4	0.035	7.63E-07	0	0.9939	0.9939	0	0.9972
Modal	5	0.03	0.0021	0.004	0.996	0.9979	0	0.9972
Modal	6	0.03	0.004	0.0021	1	1	0	0.9972
Modal	7	0.025	2.29E-06	0	1	1	0.0028	1
Modal	8	0.008	0	0	1	1	0	1
Modal	9	0.008	1.44E-06	3.17E-06	1	1	0	1
Modal	10	0.008	3.17E-06	1.45E-06	1	1	0	1

警衛室(B 棟)

Case	Mode	Period	UX	UY	SumUX	SumUY	RZ	SumRZ
		sec						
Modal	1	0.175	0	0.9446	0	0.9446	0.063	0.063
Modal	2	0.152	1	0	1	0.9446	0	0.063
Modal	3	0.149	0	0.0554	1	1	0.937	1

暫存區(C 棟)

Case	Mode	Period	UX	UY	SumUX	SumUY	SumUZ	RZ	SumRZ
		sec							
Modal	1	0.243	1	0	1	0	0	0	0
Modal	2	0.221	0	1	1	1	0	0	0
Modal	3	0.206	0	0	1	1	0	1	1

暫存區(D 棟)

6.2 地震力計算

	X 向	Y 向
工址設計水平譜加速度係數 (SaD)	0.98	0.98
工址設計水平譜加速度係數 (SaM)	1.25	1.25
結構系統韌性容量(R)	4.0	
結構系統地震力折減係數(Fu)	2.236	2.236
結構系統地震力折減係數(FuM)	2.646	2.646
起始降伏地震力放大係數(α_y)	1.0	
用途係數(I)	1.0	

警衛室(B 棟)

建物名稱: 警衛室-XY 向

一. 震區選擇 (SsD 與 S1D 以及 SsM 與 S1M 係數)

建物位於台中市霧峰區,地下 0 層樓,地上 1 層樓,總高度 4.5 公尺.

縣市	鄉鎮市區	SsD	S1D	SsM	S1M
台中市	霧峰區		0.8	0.45	1.0 0.55

工址位於 東經= 120.696640, 北緯= 24.016230

是關聯斷層 距離車籠埔斷層 0.830 km

二. 構造種類及系統

結構系統韌性容量: $R=4.0$

起始降伏地震力放大係數: $\alpha_y=1.0$

用途係數: $I=1.0$

三. 近斷層調整後震區係數

縣市	鄉鎮市區	SsD	S1D	SsM	S1M
台中市	霧峰區		0.980	0.610	1.250 0.830

四. 地盤種類 (I. II. III. IV)

本工址屬第一類地盤(堅實地盤).

五. 工址放大係數 (Fa. Fv)

表 2-4(a) 短週期結構之工址放大係數 Fa (線性內插求值)

表 2-4(b) 長週期結構之工址放大係數 Fv (線性內插求值)

SsD= 0.98	Fa= 1.0	,SsM= 1.25	Fa= 1.0
S1D= 0.61	Fv= 1.0	,S1M= 0.83	Fv= 1.0

六. 工址水平譜加速度係數 (SDS 與 SD1 及 SMS 與 SM1)

近斷層工址：SDS = $F_a S_s D$; SMS = $F_a S_s M$ (2-4)
SD1 = $F_v S_1 D$; SM1 = $F_v S_1 M$

SDS = 1.0 $\times 0.980 = 0.980$; SMS = 1.0 $\times 1.250 = 1.250$
SD1 = 1.0 $\times 0.610 = 0.610$; SM1 = 1.0 $\times 0.830 = 0.830$

七. 建築物基本振動週期及短週期. 中長週期分界(ToD. ToM)

依(2-8)鋼筋混凝土、鋼骨鋼筋混凝土等之基本振動週期:

$T_{code} = 0.07 h^{<3/4>} = 0.07 \times 4.5^{<3/4>} = 0.216 \text{ sec}$

依(2-6), 一般工址及近斷層工址:

ToD = SD1 / SDS = $0.610/0.980 = 0.622 \text{ sec}$
ToM = SM1 / SMS = $0.830/1.250 = 0.664 \text{ sec}$

八. 建築物設計振動週期 (Tdesign)

依由動力分析求得 $T_{dyna} = 0.384 \text{ sec}$

依 2-6 節, 週期放大係數 CU = 1.4

$T_{design} = \text{Min}(Cu \times T_{code}, T_{dyna}) = \text{Min}(1.4 \times 0.216, 0.384) = 0.303 \text{ sec}$

九. 容許韌性容量 (Ra. Fu)

結構系統韌性容量 R, 查表 1-3, R = 4.0

依式(2-10), 一般工址及近斷層工址: $R_a = 1 + (R-1)/1.5 = 1 + (4.0 - 1)/1.5 = 3.0$

依(2-12), $F_u = 2.236$

$F_{uM} = 2.646$

十. 工址設計與最大考量水平譜加速度係數 (SaD. SaM)

查表 3-1 阻尼比=5. %

$B_s = 1.00$, $B_1 = 1.00$

查表 3-2 一般工址設計水平譜加速度係數 SaD

$0.2 T_{oD} \leq T \leq T_{oD}$

$SaD = SDS/B_s = 0.980/1.000 = 0.980$

$0.2 T_{oM} \leq T \leq T_{oM}$

$SaM = SMS/B_s = 1.250/1.000 = 1.250$

十一. 最小設計水平總橫力 VD

$$\begin{aligned} &= SaD/F_u; & SaD/F_u \leq 0.3 \\ (SaD/F_u)_m &= 0.52 SaD/F_u + 0.144; & 0.3 < SaD/F_u < 0.8 \quad \dots(2-2) \\ &= 0.70 SaD/F_u; & SaD/F_u \geq 0.8 \end{aligned}$$

$(SaD/F_u) = (0.98/2.236) = 0.438$; $0.3 < SaD/F_u \leq 0.8$

$(SaD/F_u)_m = 0.52 (SaD/F_u) + 0.144 = 0.52 \times 0.438 + 0.144 = 0.372$

$VD = I/(1.4 ay) (SaD/F_u)_m W \quad \dots(2-3)$

$VD = 1.0/(1.4 \times 1.0) \times 0.372 \times W = 0.266 W$

十二. 避免中小度地震降伏之設計地震力 V*

近斷層工址: $V^* = I F_u/(4.2 ay) (SaD/F_u)_m W \quad \dots(2-13a)$

$V^* = 1.0 \times 2.236/(4.2 \times 1.0) \times 0.33 \times W = 0.176 W$

十三. 避免最大考量地震崩塌之設計地震力 VM

$$V_M = I/(1.4 a_y) (S_a M/F_u M) W \quad \dots(2-13c)$$

$$\begin{aligned} &= S_a M/F_u M; & S_a M/F_u M \leq 0.3 \\ (S_a M/F_u M) &= 0.52 S_a M/F_u M + 0.144; & 0.3 < S_a M/F_u M < 0.8 \quad \dots(2-13d) \\ &= 0.70 S_a M/F_u M; & S_a M/F_u M \geq 0.8 \end{aligned}$$

$$(S_a M/F_u M) = (1.25/2.646) = 0.472; 0.3 < S_a M/F_u M \leq 0.8$$

$$(S_a M/F_u M) = 0.52 (S_a M/F_u M) + 0.144 = 0.52 \times 0.472 + 0.144 = 0.39$$

$$V_M = 1.0/(1.4 \times 1.0) \times 0.39 \times W = 0.278 W$$

十四. 工址最小設計水平總橫力 V_{design}

$$\begin{aligned} V_{design} &= \text{Max}(V_D, V^*, V_M) \\ &= \text{Max}(0.266W, 0.176W, 0.278W) \\ &= 0.278W \end{aligned}$$

十五. 計算層間相對側位移角的地震力 ($T_{drift_control}$)

依由動力分析求得 $T_{dyna} = 0.384 \text{ sec}$

由規範 2.16 節：若基本振動週期係以結構力學方法計算，

所得 T 值不必受小於經驗公式週期 C_U 倍的限制，

亦不受不得低於 0.4 SDS 之控制。

$$\therefore T = T_{dyna} = 0.384 \text{ sec}$$

$R_a = 3.0$ (as before)

依(2-12)，求 F_u

$$\because 0.6 T_{oD} \leq T \leq T_{oD} \quad \therefore F_u = 2.268$$

查表 2-5(a) 一般工址或近斷層區域之工址設計水平譜加速度係數 $S_a D$

因 $0.2 T_{oD} \leq T \leq T_{oD}$

故 $S_a D = S_D S = 0.980$

$$\begin{aligned} &= S_a D/F_u; & S_a D/F_u \leq 0.3 \\ (S_a D/F_u) &= 0.52 S_a D/F_u + 0.144; & 0.3 < S_a D/F_u < 0.8 \quad \dots(2-2) \\ &= 0.70 S_a D/F_u; & S_a D/F_u \geq 0.8 \end{aligned}$$

$$\text{因 } (S_a D/F_u) = (0.98/2.2684) = 0.432; 0.3 < S_a D/F_u \leq 0.8$$

$$\text{故 } (S_a D/F_u) = 0.52 (S_a D/F_u) + 0.144 = 0.52 \times 0.432 + 0.144 = 0.3687$$

$$V_{drift_control} = I F_u / 4.2 (S_a D/F_u) W \quad \dots(2-13a)$$

$$V_{drift_control} = 1.0 \times 2.2684 / 4.2 \times 0.3687 \times W = 0.1991 W$$

2.16.2 建築物間隔：

建築物應自留設與鄰棟建築物之間隔倍數，

(以此倍數乘以設計地震力作用下產生之位移)

$$\begin{aligned} \text{設計地震力由 (2-1) 式控制時，間隔倍數} &= 0.6 \times 1.4 \times a_y \times R_a \\ &= 0.6 \times 1.4 \times 1.000 \times 3.000 = 2.5200 \end{aligned}$$

十六. 水平地震力之豎向分配

$T = 0.303 \text{ sec}$

for strength:

$$\begin{aligned} \text{Total Base Shear } V &= \text{Max. of } (V_1, V_2, V_3) \\ &= 0.2783 \times 160.920 = 44.79 \text{ ton} \end{aligned}$$

$F_t = 0.0$ (因 $T < 0.7$)

for drift control:

$$\text{Total Base Shear } V = 0.1991 \times 160.920 = 32.04 \text{ ton}$$

$F_t = 0.0$ (因 $T < 0.7$)

FL.	W(i) ton	△H(i) m	H(i) m	W(i)xH(i) ton-m	F(i)	Fs(i) ton	ton
RF	160.92	4.50	4.50	724.14	44.79	32.04	
	160.92			724.14	44.79	32.04	

OVERTURNING MOMENT = 201.558 t-m

十七. 建築物地下部分之設計水平地震力

FL.	W(i) ton	△H(i) m	H(i) m	K 值	該層地震力 ton

十八. 工址最小設計垂直地震力 V_v :

工址類型: 近斷層工址

$$SaD,V = 2/3 SaD = 2/3 \times 0.980 = 0.653$$

$$SaM,V = 2/3 SaM = 2/3 \times 1.250 = 0.833$$

依規範 2.18 節說明, 梁構件韌性容量 $R = 3.0$

$$\text{依(2-13), } Ra = 1 + (R-1)/1.5 = 1 + (3.0 - 1)/1.5 = 2.333$$

$$\text{依(2-12), } Fu,v = 1.915, FuM,v = 2.236$$

最小設計垂直地震力 V_z :

$$\begin{aligned} &= SaD,v/Fu,v \quad ; \quad SaD,v/Fu,v \leq 0.2 \\ (SaD,v/Fu,v)m &= 0.52 SaD,v/Fu,v + 0.096; \quad 0.2 < SaD,v/Fu,v < 0.53 \quad (C2-11b) \\ &= 0.70 SaD,v/Fu,v \quad ; \quad SaD,v/Fu,v \geq 0.53 \\ (SaD,v/Fu,v) &= (0.653/1.915) = 0.341 \quad 0.2 < (x) < 0.53 \\ \therefore (SaD,v/Fu,v)m &= 0.52 \times 0.341 + 0.096 = 0.273 \\ Vz &= I/(1.4 ay) (SaD,v/Fu,v)m W \quad (C2-10) \\ Vz &= 1.000/(1.4 \times 1.000) \times 0.273 W = 0.1953 W \end{aligned}$$

避免中小度地震降伏之設計地震力 V^*,v :

$$\begin{aligned} V^*,v &= I Fu,v/(4.2 ay) (SaD,v/Fu,v)m W \quad \dots \text{套用(2-13a)} \\ V^*,v &= 1.000 \times 1.915/(4.2 \times 1.000) \times 0.273 W = 0.1247 W \end{aligned}$$

避免最大考量地震崩塌之設計地震力 VM,v :

$$\begin{aligned} &= SaM,v/FuM,v; \quad SaM,v/FuM,v \leq 0.2 \\ (SaM,v/FuM,v)m &= 0.52 SaM,v/FuM,v + 0.096; \quad 0.2 < SaM,v/FuM,v < 0.53 \quad \text{套用(C2-11b)} \\ &= 0.70 SaM,v/FuM,v; \quad SaM,v/FuM,v \geq 0.53 \\ (SaM,v/FuM,v) &= (0.833/2.236) = 0.373 \quad 0.2 < (x) < 0.53 \\ \therefore (SaM,v/FuM,v)m &= 0.52 \times 0.373 + 0.096 = 0.29 \\ VM,v &= I/(1.4 ay) (SaM,v/FuM,v)m W \quad \dots \text{套用(2-13c)} \\ VM,v &= 1.000/(1.4 \times 1.000) \times 0.29 \times W = 0.2070 W \end{aligned}$$

工址最小設計垂直地震力 V_v :

$$\begin{aligned} V_v &= \max(V_z, V^*,v, VM,v) \\ V_v &= \max(0.1953W, 0.1247W, 0.2070W) = 0.2070W \end{aligned}$$

十九. 建築物柱之垂直地震力

工址類型: 近斷層工址

$$V_{col,v} = 0.80 SDS I/(3 ay) W$$

$$V_{col,v} = 0.80 \times 0.98 \times 1.0/(3 \times 1.0) W = 0.2613W$$

二十. 正規化加速度反應譜

工址類型: 近斷層工址

$$R = 4.0 \quad I = 1.0 \quad \alpha_y = 1.0 \quad T_1 = 0.3028$$

依 3-2 節求 動力分析加速度反應譜調整係數

1)動力分析採用之加速度反應譜係數 SaD

一般工址與近斷層區域動力分析加速度反應譜調整係數:

$$Z_DBE = \max[SaD * (9.8 * I((SaD(T1) / Fu(T1))^m) / ((1.4ay) SaD(T1))), (9.8 * I * Fu(T1)((SaD(T1) / Fu(T1))^m) / ((4.2ay) SaD(T1)))]$$

臺北盆地動力分析加速度反應譜調整係數:

$$Z_DBE = \max[SaD * (9.8 * I((SaD(T1) / Fu(T1))^m) / ((1.4ay) SaD(T1))), (9.8 * I * Fu(T1)((SaD(T1) / Fu(T1))^m) / ((3.5ay) SaD(T1)))]$$

2)如設計地震力由(2-13c)式之 VM 所控制時,動力分析採用之加速度反應譜係數用 SaM

動力分析加速度反應譜調整係數:

$$Z_MCE = SaM * (9.8 * I((SaM(T1) / FuM(T1))^m) / ((1.4ay) SaM(T1)))$$

詳表：

T(sec)	SaD	SaM	Fu (SaD/Fu)	(SaD/Fu)m	(SaM/FuM)m	Z_DBE	Z_MCE
0.000	0.392	0.500	1.000	0.392	0.348	0.390	1.091
0.020	0.486	0.613	1.199	0.406	0.355	0.390	1.292
0.040	0.581	0.726	1.397	0.416	0.360	0.390	1.543
0.060	0.675	0.839	1.596	0.423	0.364	0.390	1.794
0.080	0.770	0.952	1.794	0.429	0.367	0.390	2.045
0.100	0.864	1.065	1.993	0.434	0.370	0.390	2.296
0.120	0.959	1.178	2.191	0.438	0.372	0.390	2.547
0.140	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.160	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.180	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.200	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.220	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.240	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.260	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.280	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.300	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.320	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.340	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.360	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.380	0.980	1.250	2.256	0.434	0.370	0.390	2.603
0.400	0.980	1.250	2.317	0.423	0.364	0.390	2.603
0.420	0.980	1.250	2.379	0.412	0.358	0.390	2.603
0.440	0.980	1.250	2.440	0.402	0.353	0.390	2.603
0.460	0.980	1.250	2.502	0.392	0.348	0.390	2.603
0.480	0.980	1.250	2.563	0.382	0.343	0.390	2.603
0.500	0.980	1.250	2.624	0.373	0.338	0.390	2.603
0.520	0.980	1.250	2.686	0.365	0.334	0.390	2.603
0.540	0.980	1.250	2.747	0.357	0.330	0.390	2.603
0.560	0.980	1.250	2.808	0.349	0.325	0.390	2.603
0.580	0.980	1.250	2.870	0.341	0.322	0.390	2.603
0.600	0.980	1.250	2.931	0.334	0.318	0.390	2.603
0.620	0.980	1.250	2.992	0.327	0.314	0.390	2.603
0.640	0.953	1.250	3.000	0.318	0.309	0.390	2.532
0.660	0.924	1.250	3.000	0.308	0.304	0.390	2.455
0.680	0.897	1.221	3.000	0.299	0.299	0.390	2.383
0.700	0.871	1.186	3.000	0.290	0.290	0.390	2.315
0.720	0.847	1.153	3.000	0.282	0.282	0.390	2.251
0.740	0.824	1.122	3.000	0.275	0.275	0.390	2.190
0.760	0.803	1.092	3.000	0.268	0.268	0.390	2.132
0.780	0.782	1.064	3.000	0.261	0.261	0.390	2.077
0.800	0.763	1.038	3.000	0.254	0.254	0.390	2.026
0.820	0.744	1.012	3.000	0.248	0.248	0.390	1.976
0.840	0.726	0.988	3.000	0.242	0.242	0.390	1.929
0.860	0.709	0.965	3.000	0.236	0.236	0.390	1.884
0.880	0.693	0.943	3.000	0.231	0.231	0.390	1.841
0.900	0.678	0.922	3.000	0.226	0.226	0.390	1.800
0.920	0.663	0.902	3.000	0.221	0.221	0.390	1.761
0.940	0.649	0.883	3.000	0.216	0.216	0.390	1.724
0.960	0.635	0.865	3.000	0.212	0.212	0.390	1.688
0.980	0.622	0.847	3.000	0.207	0.207	0.390	1.653
1.000	0.610	0.830	3.000	0.203	0.203	0.390	1.620
1.020	0.598	0.814	3.000	0.199	0.199	0.390	1.589
1.040	0.587	0.798	3.000	0.196	0.196	0.390	1.558
1.060	0.575	0.783	3.000	0.192	0.192	0.390	1.529
1.080	0.565	0.769	3.000	0.188	0.188	0.390	1.500

1.100	0.555	0.755	3.000	0.185	0.185	0.390	1.473	1.647
1.120	0.545	0.741	3.000	0.182	0.182	0.390	1.447	1.617
1.140	0.535	0.728	3.000	0.178	0.178	0.390	1.421	1.589
1.160	0.526	0.716	3.000	0.175	0.175	0.390	1.397	1.561
1.180	0.517	0.703	3.000	0.172	0.172	0.390	1.373	1.535
1.200	0.508	0.692	3.000	0.169	0.169	0.390	1.350	1.509
1.220	0.500	0.680	3.000	0.167	0.167	0.390	1.328	1.485
1.240	0.492	0.669	3.000	0.164	0.164	0.390	1.307	1.461
1.260	0.484	0.659	3.000	0.161	0.161	0.390	1.286	1.437
1.280	0.477	0.648	3.000	0.159	0.159	0.390	1.266	1.415
1.300	0.469	0.638	3.000	0.156	0.156	0.390	1.246	1.393
1.320	0.462	0.629	3.000	0.154	0.154	0.390	1.228	1.372
1.340	0.455	0.619	3.000	0.152	0.152	0.390	1.209	1.352
1.360	0.449	0.610	3.000	0.150	0.150	0.390	1.191	1.332
1.380	0.442	0.601	3.000	0.147	0.147	0.390	1.174	1.312
1.400	0.436	0.593	3.000	0.145	0.145	0.390	1.157	1.294
1.420	0.430	0.585	3.000	0.143	0.143	0.390	1.141	1.276
1.440	0.424	0.576	3.000	0.141	0.141	0.390	1.125	1.258
1.460	0.418	0.568	3.000	0.139	0.139	0.390	1.110	1.241
1.480	0.412	0.561	3.000	0.137	0.137	0.390	1.095	1.224
1.500	0.407	0.553	3.000	0.136	0.136	0.390	1.080	1.207
1.520	0.401	0.546	3.000	0.134	0.134	0.390	1.066	1.192
1.540	0.396	0.539	3.000	0.132	0.132	0.390	1.052	1.176
1.560	0.392	0.532	3.000	0.131	0.131	0.390	1.041	1.161
1.580	0.392	0.525	3.000	0.131	0.131	0.390	1.041	1.146
1.600	0.392	0.519	3.000	0.131	0.131	0.390	1.041	1.132
1.620	0.392	0.512	3.000	0.131	0.131	0.390	1.041	1.118
1.640	0.392	0.506	3.000	0.131	0.131	0.390	1.041	1.104
1.660	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.680	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.700	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.720	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.740	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.760	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.780	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.800	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.820	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.840	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.860	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.880	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.900	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.920	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.940	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.960	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.980	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.000	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.020	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.040	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.060	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.080	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.100	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.120	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.140	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.160	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.180	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.200	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.220	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.240	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.260	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.280	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.300	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.320	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.340	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.360	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.380	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.400	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.420	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.440	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.460	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.480	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.500	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091

2.520	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.540	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.560	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.580	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.600	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.620	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.640	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.660	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.680	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.700	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.720	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.740	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.760	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.780	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.800	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.820	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.840	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.860	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.880	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.900	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.920	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.940	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.960	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
2.980	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
3.000	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
3.020	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
3.040	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
3.060	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
3.080	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
3.100	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091

暫存區 C 棟

建物名稱: C 棟暫存區_X

一. 震區選擇 (SsD 與 S1D 以及 SsM 與 S1M 係數)

建物位於台中市霧峰區,地下 0 層樓,地上 1 層樓,總高度 3.9 公尺.

縣市	鄉鎮市區	SsD	S1D	SsM	S1M
台中市	霧峰區		0.8	0.45	1.0

工址位於 東經= 120.696640, 北緯= 24.016230

是關聯斷層 距離車籠埔斷層 0.830 km

二. 構造種類及系統

結構系統韌性容量: $R=4.0$

起始降伏地震力放大倍數: $\alpha_y=1.0$

用途係數: $I=1.0$

三. 近斷層調整後震區係數

縣市	鄉鎮市區	SsD	S1D	SsM	S1M
台中市	霧峰區		0.980	0.610	1.250

四. 地盤種類 (I. II. III. IV)

本工址屬第一類地盤(堅實地盤).

五. 工址放大係數 (Fa. Fv)

表 2-4(a) 短週期結構之工址放大係數 Fa (線性內插求值)

表 2-4(b) 長週期結構之工址放大係數 Fv (線性內插求值)

SsD= 0.98 Fa= 1.0 ,SsM= 1.25 Fa= 1.0

S1D= 0.61 Fv= 1.0 ,S1M= 0.83 Fv= 1.0

六. 工址水平譜加速度係數 (SDS 與 SD1 及 SMS 與 SM1)

近斷層工址: $SDS = Fa \text{ SsD}; SMS = Fa \text{ SsM}$ (2-4)

$SD1 = Fv \text{ S1D}; SM1 = Fv \text{ S1M}$

$SDS = 1.0 \times 0.980 = 0.980$; $SMS = 1.0 \times 1.250 = 1.250$

$SD1 = 1.0 \times 0.610 = 0.610$; $SM1 = 1.0 \times 0.830 = 0.830$

七. 建築物基本振動週期及短週期. 中長週期分界(ToD. ToM)

依(2-8)鋼筋混凝土、鋼骨鋼筋混凝土等之基本振動週期:

$T_{code} = 0.07 \text{ h}^{3/4} = 0.07 \times 3.875^{3/4} = 0.193 \text{ sec}$

依(2-6), 一般工址及近斷層工址:

$ToD = SD1 / SDS = 0.610 / 0.980 = 0.622 \text{ sec}$

$ToM = SM1 / SMS = 0.830 / 1.250 = 0.664 \text{ sec}$

八. 建築物設計振動週期 (Tdesign)

依由動力分析求得 $T_{dyna} = 0.152 \text{ sec}$

依 2-6 節,週期放大係數 $CU = 1.4$

$$T_{design} = \min(C_u \times T_{code}, T_{dyna}) = \min(1.4 \times 0.193, 0.152) = 0.152 \text{ sec}$$

九. 容許韌性容量 (R_a , F_u)

結構系統韌性容量 R , 查表 1-3, $R = 4.0$

依式(2-10), 一般工址及近斷層工址: $R_a = 1 + (R-1)/1.5 = 1 + (4.0 - 1)/1.5 = 3.0$

依(2-12), $F_u = 2.236$

$$F_u M = 2.646$$

十. 工址設計與最大考量水平譜加速度係數 ($S_a D$, $S_a M$)

查表 3-1 阻尼比=5. %

$$B_s = 1.00, B_1 = 1.00$$

查表 3-2 一般工址設計水平譜加速度係數 $S_a D$

$$0.2 T_{oD} \leq T \leq T_{oD}$$

$$S_a D = S_D S / B_s = 0.980 / 1.000 = 0.980$$

$$0.2 T_{oM} \leq T \leq T_{oM}$$

$$S_a M = S_M S / B_s = 1.250 / 1.000 = 1.250$$

十一. 最小設計水平總橫力 V_D

$$\begin{aligned} &= S_a D / F_u; & S_a D / F_u \leq 0.3 \\ (S_a D / F_u)_m &= 0.52 S_a D / F_u + 0.144; & 0.3 < S_a D / F_u < 0.8 \quad \dots(2-2) \\ &= 0.70 S_a D / F_u; & S_a D / F_u \geq 0.8 \end{aligned}$$

$$(S_a D / F_u) = (0.98 / 2.236) = 0.438; 0.3 < S_a D / F_u \leq 0.8$$

$$(S_a D / F_u)_m = 0.52 (S_a D / F_u) + 0.144 = 0.52 \times 0.438 + 0.144 = 0.372$$

$$V_D = I / (1.4 a_y) (S_a D / F_u)_m W \quad \dots(2-3)$$

$$V_D = 1.0 / (1.4 \times 1.0) \times 0.372 \times W = 0.266 W$$

十二. 避免中小度地震降伏之設計地震力 V^*

$$\text{近斷層工址: } V^* = I F_u / (4.2 a_y) (S_a D / F_u)_m W \quad \dots(2-13a)$$

$$V^* = 1.0 \times 2.236 / (4.2 \times 1.0) \times 0.33 \times W = 0.176 W$$

十三. 避免最大考量地震崩塌之設計地震力 V_M

$$V_M = I / (1.4 a_y) (S_a M / F_u)_m W \quad \dots(2-13c)$$

$$\begin{aligned} &= S_a M / F_u M; & S_a M / F_u M \leq 0.3 \\ (S_a M / F_u)_m &= 0.52 S_a M / F_u M + 0.144; & 0.3 < S_a M / F_u M < 0.8 \quad \dots(2-13d) \\ &= 0.70 S_a M / F_u M; & S_a M / F_u M \geq 0.8 \end{aligned}$$

$$(S_a M / F_u)_m = (1.25 / 2.646) = 0.472; 0.3 < S_a M / F_u M \leq 0.8$$

$$(S_a M / F_u)_m = 0.52 (S_a M / F_u)_m + 0.144 = 0.52 \times 0.472 + 0.144 = 0.39$$

$$V_M = 1.0 / (1.4 \times 1.0) \times 0.39 \times W = 0.278 W$$

十四. 工址最小設計水平總橫力 V_{design}

$$\begin{aligned} V_{design} &= \max(V_D, V^*, V_M) \\ &= \max(0.266W, 0.176W, 0.278W) \\ &= 0.278W \end{aligned}$$

十五. 計算層間相對側位移角的地震力 ($T_{drift_control}$)

依由動力分析求得 $T_{dyna} = 0.152 \text{ sec}$

由規範 2.16 節：若基本振動週期係以結構力學方法計算，

所得 T 值不必受小於經驗公式週期 C_u 倍的限制，

亦不受不得低於 0.4 $S_D S$ 之控制。

$$\therefore T = T_{\text{dyna}} = 0.152 \text{ sec}$$

Ra = 3.0 (as before)

依(2-12), 求 Fu

$$\because 0.2T_0 \leq T \leq 0.6T_0 \quad \therefore F_u = 2.236$$

查表 2-5(a) 一般工址或近斷層區域之工址設計水平譜加速度係數 SaD

因 $0.2T_0 \leq T \leq T_0$

故 $SaD = SDS = 0.980$

$$\begin{aligned} &= \frac{SaD}{F_u}; & \frac{SaD}{F_u} \leq 0.3 \\ (SaD/F_u)_m &= 0.52 \frac{SaD}{F_u} + 0.144; & 0.3 < \frac{SaD}{F_u} < 0.8 \quad \dots(2-2) \\ &= 0.70 \frac{SaD}{F_u}; & \frac{SaD}{F_u} \geq 0.8 \end{aligned}$$

$$\text{因 } (SaD/F_u) = (0.98 / 2.2361) = 0.4383; 0.3 < SaD/F_u \leq 0.8$$

$$\text{故 } (SaD/F_u)_m = 0.52 (SaD/F_u) + 0.144 = 0.52 \times 0.4383 + 0.144 = 0.3719$$

$$V_{\text{drift_control}} = I F_u / 4.2 (SaD/F_u)_m W \quad \dots(2-13a)$$

$$V_{\text{drift_control}} = 1.0 \times 2.2361 / 4.2 \times 0.3719 \times W = 0.198 W$$

2.16.2 建築物間隔:

建築物應自留設與鄰棟建築物之間隔倍數,

(以此倍數乘以設計地震力作用下產生之位移)

$$\begin{aligned} \text{設計地震力由 (2-1)式控制時,間隔倍數} &= 0.6 \times 1.4 \times a_y \times R_a \\ &= 0.6 \times 1.4 \times 1.000 \times 3.000 = 2.5200 \end{aligned}$$

十六. 水平地震力之豎向分配

$$T = 0.152 \text{ sec}$$

for strength:

$$\begin{aligned} \text{Total Base Shear } V &= \text{Max. of } (V_1, V_2, V_3) \\ &= 0.2783 \times 55.400 = 15.42 \text{ ton} \end{aligned}$$

$$F_t = 0.0 \quad (\text{因 } T < 0.7)$$

for drift control:

$$\text{Total Base Shear } V = 0.1980 \times 55.400 = 10.97 \text{ ton}$$

$$F_t = 0.0 \quad (\text{因 } T < 0.7)$$

FL.	W(i) ton	$\Delta H(i)$ m	H(i) m	W(i)xH(i) ton-m	F(i)	Fs(i) ton	ton
RFL	55.40	3.88	3.88	214.67	15.42	10.97	
	55.40			214.67	15.42	10.97	

$$\text{OVERTURNING MOMENT} = 59.753 \text{ t-m}$$

十七. 建築物地下部分之設計水平地震力

FL.	W(i) ton	$\Delta H(i)$ m	H(i) m	K 值	該層地震力 ton

十八. 工址最小設計垂直地震力 Vv:

工址類型: 近斷層工址

$$SaD, V = 2/3 SaD = 2/3 \times 0.980 = 0.653$$

$$SaM, V = 2/3 SaM = 2/3 \times 1.250 = 0.833$$

依規範 2.18 節說明, 梁構件韌性容量 R= 3.0

$$\text{依(2-13), } R_a = 1 + (R-1)/1.5 = 1 + (3.0 - 1)/1.5 = 2.333$$

$$\text{依(2-12), } F_{u,v} = 1.915, F_{uM,v} = 2.236$$

最小設計垂直地震力 V_z :

$$\begin{aligned} &= S_{aD,v}/F_{u,v} \quad ; \quad S_{aD,v}/F_{u,v} \leq 0.2 \\ (S_{aD,v}/F_{u,v})_m &= 0.52 S_{aD,v}/F_{u,v} + 0.096; \quad 0.2 < S_{aD,v}/F_{u,v} < 0.53 \quad (\text{C2-11b}) \\ &= 0.70 S_{aD,v}/F_{u,v} \quad ; \quad S_{aD,v}/F_{u,v} \geq 0.53 \\ (S_{aD,v}/F_{u,v}) &= (0.653/1.915) = 0.341 \quad 0.2 < (x) < 0.53 \\ \therefore (S_{aD,v}/F_{u,v})_m &= 0.52 \times 0.341 + 0.096 = 0.273 \\ V_z &= I/(1.4 a_y) (S_{aD,v}/F_{u,v})_m W \quad (\text{C2-10}) \\ V_z &= 1.000/(1.4 \times 1.000) \times 0.273 W = 0.1953 W \end{aligned}$$

避免中小度地震降伏之設計地震力 V^*,v :

$$\begin{aligned} V^*,v &= I F_{u,v}/(4.2 a_y) (S_{aD,v}/F_{u,v})_m W \quad \dots \text{套用(2-13a)} \\ V^*,v &= 1.000 \times 1.915/(4.2 \times 1.000) \times 0.273 W = 0.1247 W \end{aligned}$$

避免最大考量地震崩塌之設計地震力 $V_{M,v}$:

$$\begin{aligned} &= S_{aM,v}/F_{uM,v}; \quad S_{aM,v}/F_{uM,v} \leq 0.2 \\ (S_{aM,v}/F_{uM,v})_m &= 0.52 S_{aM,v}/F_{uM,v} + 0.096; \quad 0.2 < S_{aM,v}/F_{uM,v} < 0.53 \quad \text{套用(C2-11b)} \\ &= 0.70 S_{aM,v}/F_{uM,v}; \quad S_{aM,v}/F_{uM,v} \geq 0.53 \\ (S_{aM,v}/F_{uM,v}) &= (0.833/2.236) = 0.373 \quad 0.2 < (x) < 0.53 \\ \therefore (S_{aM,v}/F_{uM,v})_m &= 0.52 \times 0.373 + 0.096 = 0.29 \\ V_{M,v} &= I/(1.4 a_y) (S_{aM,v}/F_{uM,v})_m W \quad \dots \text{套用(2-13c)} \\ V_{M,v} &= 1.000/(1.4 \times 1.000) \times 0.29 \times W = 0.2070 W \end{aligned}$$

工址最小設計垂直地震力 V_v :

$$\begin{aligned} V_v &= \text{Max}(V_z, V^*,v, V_{M,v}) \\ V_v &= \text{Max}(0.1953W, 0.1247W, 0.2070W) = 0.2070W \end{aligned}$$

十九. 建築物柱之垂直地震力

工址類型: 近斷層工址

$$\begin{aligned} V_{col,v} &= 0.80 \text{ SDS } I/(3 a_y) W \\ V_{col,v} &= 0.80 \times 0.98 \times 1.0/(3 \times 1.0) W = 0.2613W \end{aligned}$$

二十. 正規化加速度反應譜

工址類型: 近斷層工址

$$R = 4.0 \quad I = 1.0 \quad \alpha_y = 1.0 \quad T_1 = 0.152$$

依 3-2 節求 動力分析加速度反應譜調整係數

1) 動力分析採用之加速度反應譜係數 S_{aD}

一般工址與近斷層區域動力分析加速度反應譜調整係數:

$$Z_{DBE} = \text{max}[S_{aD} * (9.8 * I((S_{aD}(T_1)/F_{u(T_1)})_m) / ((1.4 a_y) S_{aD}(T_1))), (9.8 * I * F_{u(T_1)}((S_{aD}(T_1)/F_{u(T_1)})_m) / ((4.2 a_y) S_{aD}(T_1)))]$$

臺北盆地動力分析加速度反應譜調整係數:

$$Z_{DBE} = \text{max}[S_{aD} * (9.8 * I((S_{aD}(T_1)/F_{u(T_1)})_m) / ((1.4 a_y) S_{aD}(T_1))), (9.8 * I * F_{u(T_1)}((S_{aD}(T_1)/F_{u(T_1)})_m) / ((3.5 a_y) S_{aD}(T_1)))]$$

2) 如設計地震力由(2-13c)式之 V_M 所控制時,動力分析採用之加速度反應譜係數用 S_{aM}

動力分析加速度反應譜調整係數:

$$Z_{MCE} = S_{aM} * (9.8 * I((S_{aM}(T_1)/F_{uM}(T_1))_m) / ((1.4 a_y) S_{aM}(T_1)))$$

詳表 :

T(sec)	SaD	SaM	Fu	(SaD/Fu)	(SaD/Fu)m	(SaM/FuM)m	Z _{DBE}	Z _{MCE}
0.000	0.392	0.500	1.000	0.392	0.348	0.390	1.041	1.091
0.020	0.486	0.613	1.199	0.406	0.355	0.390	1.292	1.338
0.040	0.581	0.726	1.397	0.416	0.360	0.390	1.543	1.584
0.060	0.675	0.839	1.596	0.423	0.364	0.390	1.794	1.831
0.080	0.770	0.952	1.794	0.429	0.367	0.390	2.045	2.077
0.100	0.864	1.065	1.993	0.434	0.370	0.390	2.296	2.324
0.120	0.959	1.178	2.191	0.438	0.372	0.390	2.547	2.570
0.140	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.160	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.180	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.200	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.220	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728

0.240	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.260	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.280	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.300	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.320	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.340	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.360	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.380	0.980	1.250	2.256	0.434	0.370	0.390	2.603	2.728
0.400	0.980	1.250	2.317	0.423	0.364	0.390	2.603	2.728
0.420	0.980	1.250	2.379	0.412	0.358	0.390	2.603	2.728
0.440	0.980	1.250	2.440	0.402	0.353	0.390	2.603	2.728
0.460	0.980	1.250	2.502	0.392	0.348	0.390	2.603	2.728
0.480	0.980	1.250	2.563	0.382	0.343	0.390	2.603	2.728
0.500	0.980	1.250	2.624	0.373	0.338	0.390	2.603	2.728
0.520	0.980	1.250	2.686	0.365	0.334	0.390	2.603	2.728
0.540	0.980	1.250	2.747	0.357	0.330	0.390	2.603	2.728
0.560	0.980	1.250	2.808	0.349	0.325	0.390	2.603	2.728
0.580	0.980	1.250	2.870	0.341	0.322	0.390	2.603	2.728
0.600	0.980	1.250	2.931	0.334	0.318	0.390	2.603	2.728
0.620	0.980	1.250	2.992	0.327	0.314	0.390	2.603	2.728
0.640	0.953	1.250	3.000	0.318	0.309	0.390	2.532	2.728
0.660	0.924	1.250	3.000	0.308	0.304	0.390	2.455	2.728
0.680	0.897	1.221	3.000	0.299	0.299	0.390	2.383	2.664
0.700	0.871	1.186	3.000	0.290	0.290	0.390	2.315	2.587
0.720	0.847	1.153	3.000	0.282	0.282	0.390	2.251	2.516
0.740	0.824	1.122	3.000	0.275	0.275	0.390	2.190	2.448
0.760	0.803	1.092	3.000	0.268	0.268	0.390	2.132	2.383
0.780	0.782	1.064	3.000	0.261	0.261	0.390	2.077	2.322
0.800	0.763	1.038	3.000	0.254	0.254	0.390	2.026	2.264
0.820	0.744	1.012	3.000	0.248	0.248	0.390	1.976	2.209
0.840	0.726	0.988	3.000	0.242	0.242	0.390	1.929	2.156
0.860	0.709	0.965	3.000	0.236	0.236	0.390	1.884	2.106
0.880	0.693	0.943	3.000	0.231	0.231	0.390	1.841	2.058
0.900	0.678	0.922	3.000	0.226	0.226	0.390	1.800	2.012
0.920	0.663	0.902	3.000	0.221	0.221	0.390	1.761	1.969
0.940	0.649	0.883	3.000	0.216	0.216	0.390	1.724	1.927
0.960	0.635	0.865	3.000	0.212	0.212	0.390	1.688	1.887
0.980	0.622	0.847	3.000	0.207	0.207	0.390	1.653	1.848
1.000	0.610	0.830	3.000	0.203	0.203	0.390	1.620	1.811
1.020	0.598	0.814	3.000	0.199	0.199	0.390	1.589	1.776
1.040	0.587	0.798	3.000	0.196	0.196	0.390	1.558	1.742
1.060	0.575	0.783	3.000	0.192	0.192	0.390	1.529	1.709
1.080	0.565	0.769	3.000	0.188	0.188	0.390	1.500	1.677
1.100	0.555	0.755	3.000	0.185	0.185	0.390	1.473	1.647
1.120	0.545	0.741	3.000	0.182	0.182	0.390	1.447	1.617
1.140	0.535	0.728	3.000	0.178	0.178	0.390	1.421	1.589
1.160	0.526	0.716	3.000	0.175	0.175	0.390	1.397	1.561
1.180	0.517	0.703	3.000	0.172	0.172	0.390	1.373	1.535
1.200	0.508	0.692	3.000	0.169	0.169	0.390	1.350	1.509
1.220	0.500	0.680	3.000	0.167	0.167	0.390	1.328	1.485
1.240	0.492	0.669	3.000	0.164	0.164	0.390	1.307	1.461
1.260	0.484	0.659	3.000	0.161	0.161	0.390	1.286	1.437
1.280	0.477	0.648	3.000	0.159	0.159	0.390	1.266	1.415
1.300	0.469	0.638	3.000	0.156	0.156	0.390	1.246	1.393
1.320	0.462	0.629	3.000	0.154	0.154	0.390	1.228	1.372
1.340	0.455	0.619	3.000	0.152	0.152	0.390	1.209	1.352
1.360	0.449	0.610	3.000	0.150	0.150	0.390	1.191	1.332
1.380	0.442	0.601	3.000	0.147	0.147	0.390	1.174	1.312
1.400	0.436	0.593	3.000	0.145	0.145	0.390	1.157	1.294
1.420	0.430	0.585	3.000	0.143	0.143	0.390	1.141	1.276
1.440	0.424	0.576	3.000	0.141	0.141	0.390	1.125	1.258
1.460	0.418	0.568	3.000	0.139	0.139	0.390	1.110	1.241
1.480	0.412	0.561	3.000	0.137	0.137	0.390	1.095	1.224
1.500	0.407	0.553	3.000	0.136	0.136	0.390	1.080	1.207
1.520	0.401	0.546	3.000	0.134	0.134	0.390	1.066	1.192
1.540	0.396	0.539	3.000	0.132	0.132	0.390	1.052	1.176
1.560	0.392	0.532	3.000	0.131	0.131	0.390	1.041	1.161
1.580	0.392	0.525	3.000	0.131	0.131	0.390	1.041	1.146
1.600	0.392	0.519	3.000	0.131	0.131	0.390	1.041	1.132
1.620	0.392	0.512	3.000	0.131	0.131	0.390	1.041	1.118
1.640	0.392	0.506	3.000	0.131	0.131	0.390	1.041	1.104

[illegible]

3.080	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
3.100	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091

建物名稱: C 棟暫存區_Y

一. 震區選擇 (SsD 與 S1D 以及 SsM 與 S1M 係數)

建物位於台中市霧峰區,地下 0 層樓,地上 1 層樓,總高度 3.9 公尺.

縣市	鄉鎮市區	SsD	S1D	SsM	S1M	
台中市	霧峰區		0.8	0.45	1.0	0.55

工址位於 東經= 120.696640, 北緯= 24.016230

是關聯斷層 距離車籠埔斷層 0.830 km

二. 構造種類及系統

結構系統韌性容量: $R=4.0$

起始降伏地震力放大倍數: $\alpha_y=1.0$

用途係數: $I=1.0$

三. 近斷層調整後震區係數

縣市	鄉鎮市區	SsD	S1D	SsM	S1M	
台中市	霧峰區		0.980	0.610	1.250	0.830

四. 地盤種類 (I. II. III. IV)

本工址屬第一類地盤(堅實地盤).

五. 工址放大係數 (F_a , F_v)

表 2-4(a) 短週期結構之工址放大係數 F_a (線性內插求值)

表 2-4(b) 長週期結構之工址放大係數 F_v (線性內插求值)

SsD= 0.98 $F_a=1.0$, SsM= 1.25 $F_a=1.0$
S1D= 0.61 $F_v=1.0$, S1M= 0.83 $F_v=1.0$

六. 工址水平譜加速度係數 (SDS 與 SD1 及 SMS 與 SM1)

近斷層工址: $SDS = F_a SsD$; $SMS = F_a SsM$ (2-4)

$SD1 = F_v S1D$; $SM1 = F_v S1M$

$SDS = 1.0 \times 0.980 = 0.980$; $SMS = 1.0 \times 1.250 = 1.250$

$SD1 = 1.0 \times 0.610 = 0.610$; $SM1 = 1.0 \times 0.830 = 0.830$

七. 建築物基本振動週期及短週期. 中長週期分界(T_{oD} , T_{oM})

依(2-8)鋼筋混凝土、鋼骨鋼筋混凝土等之基本振動週期:

$T_{code} = 0.07 h^{3/4} = 0.07 \times 3.875^{3/4} = 0.193 \text{ sec}$

依(2-6), 一般工址及近斷層工址:

$T_{oD} = SD1 / SDS = 0.610 / 0.980 = 0.622 \text{ sec}$

$T_{oM} = SM1 / SMS = 0.830 / 1.250 = 0.664 \text{ sec}$

八. 建築物設計振動週期 (T_{design})

依由動力分析求得 $T_{dyna} = 0.175 \text{ sec}$

依 2-6 節, 週期放大係數 $CU = 1.4$

$$T_{design} = \min(C_u \times T_{code}, T_{dyna}) = \min(1.4 \times 0.193, 0.175) = 0.175 \text{ sec}$$

九. 容許韌性容量 (R_a , F_u)

結構系統韌性容量 R , 查表 1-3, $R=4.0$

依式(2-10), 一般工址及近斷層工址: $R_a = 1 + (R-1)/1.5 = 1+(4.0-1)/1.5 = 3.0$

依(2-12), $F_u = 2.236$

$$F_{uM} = 2.646$$

十. 工址設計與最大考量水平譜加速度係數 (S_aD , S_aM)

查表 3-1 阻尼比=5. %

$$B_s = 1.00, B_1 = 1.00$$

查表 3-2 一般工址設計水平譜加速度係數 S_aD

$$0.2 T_{oD} \leq T \leq T_{oD}$$

$$S_aD = S_{DS}/B_s = 0.980/1.000 = 0.980$$

$$0.2 T_{oM} \leq T \leq T_{oM}$$

$$S_aM = S_{MS}/B_s = 1.250/1.000 = 1.250$$

十一. 最小設計水平總橫力 V_D

$$\begin{aligned} &= S_aD/F_u; & S_aD/F_u \leq 0.3 \\ (S_aD/F_u)_m &= 0.52 S_aD/F_u + 0.144; & 0.3 < S_aD/F_u < 0.8 \quad \dots(2-2) \\ &= 0.70 S_aD/F_u; & S_aD/F_u \geq 0.8 \end{aligned}$$

$$(S_aD/F_u) = (0.98/2.236) = 0.438; 0.3 < S_aD/F_u \leq 0.8$$

$$(S_aD/F_u)_m = 0.52 (S_aD/F_u) + 0.144 = 0.52 \times 0.438 + 0.144 = 0.372$$

$$V_D = I/(1.4 a_y) (S_aD/F_u)_m W \quad \dots(2-3)$$

$$V_D = 1.0/(1.4 \times 1.0) \times 0.372 \times W = 0.266 W$$

十二. 避免中小度地震降伏之設計地震力 V^*

$$\text{近斷層工址: } V^* = I F_u/(4.2 a_y) (S_aD/F_u)_m W \quad \dots(2-13a)$$

$$V^* = 1.0 \times 2.236/(4.2 \times 1.0) \times 0.33 \times W = 0.176 W$$

十三. 避免最大考量地震崩塌之設計地震力 V_M

$$V_M = I/(1.4 a_y) (S_aM/F_{uM})_m W \quad \dots(2-13c)$$

$$\begin{aligned} &= S_aM/F_{uM}; & S_aM/F_{uM} \leq 0.3 \\ (S_aM/F_{uM})_m &= 0.52 S_aM/F_{uM} + 0.144; & 0.3 < S_aM/F_{uM} < 0.8 \quad \dots(2-13d) \\ &= 0.70 S_aM/F_{uM}; & S_aM/F_{uM} \geq 0.8 \end{aligned}$$

$$(S_aM/F_{uM}) = (1.25/2.646) = 0.472; 0.3 < S_aM/F_{uM} \leq 0.8$$

$$(S_aM/F_{uM})_m = 0.52 (S_aM/F_{uM}) + 0.144 = 0.52 \times 0.472 + 0.144 = 0.39$$

$$V_M = 1.0/(1.4 \times 1.0) \times 0.39 \times W = 0.278 W$$

十四. 工址最小設計水平總橫力 V_{design}

$$\begin{aligned} V_{design} &= \max(V_D, V^*, V_M) \\ &= \max(0.266W, 0.176W, 0.278W) \\ &= 0.278W \end{aligned}$$

十五. 計算層間相對側位移角的地震力 ($T_{drift_control}$)

依由動力分析求得 $T_{dyna} = 0.175 \text{ sec}$

由規範 2.16 節：若基本振動週期係以結構力學方法計算，

所得 T 值不必受小於經驗公式週期 C_u 倍的限制，

亦不受不得低於 0.4 S_{DS} 之控制。

$$\therefore T = T_{\text{dyna}} = 0.175 \text{ sec}$$

Ra = 3.0 (as before)

依(2-12), 求 Fu

$$\because 0.2T_0 \leq T \leq 0.6T_0 \quad \therefore F_u = 2.236$$

查表 2-5(a) 一般工址或近斷層區域之工址設計水平譜加速度係數 SaD

因 $0.2T_0 \leq T \leq T_0$

故 SaD = SDS = 0.980

$$\begin{aligned} &= \text{SaD}/F_u; \quad \text{SaD}/F_u \leq 0.3 \\ (\text{SaD}/F_u)_m &= 0.52 \text{ SaD}/F_u + 0.144; \quad 0.3 < \text{SaD}/F_u < 0.8 \quad \dots(2-2) \\ &= 0.70 \text{ SaD}/F_u; \quad \text{SaD}/F_u \geq 0.8 \end{aligned}$$

$$\text{因 } (\text{SaD}/F_u) = (0.98/2.2361) = 0.4383; \quad 0.3 < \text{SaD}/F_u \leq 0.8$$

$$\text{故 } (\text{SaD}/F_u)_m = 0.52 (\text{SaD}/F_u) + 0.144 = 0.52 \times 0.4383 + 0.144 = 0.3719$$

$$V_{\text{drift_control}} = I F_u / 4.2 (\text{SaD}/F_u)_m W \quad \dots(2-13a)$$

$$V_{\text{drift_control}} = 1.0 \times 2.2361 / 4.2 \times 0.3719 \times W = 0.198 W$$

2.16.2 建築物間隔:

建築物應自留設與鄰棟建築物之間隔倍數,

(以此倍數乘以設計地震力作用下產生之位移)

$$\begin{aligned} \text{設計地震力由 (2-1)式控制時,間隔倍數} &= 0.6 \times 1.4 \times a_y \times R_a \\ &= 0.6 \times 1.4 \times 1.000 \times 3.000 = 2.5200 \end{aligned}$$

十六. 水平地震力之豎向分配

$$T = 0.175 \text{ sec}$$

for strength:

$$\begin{aligned} \text{Total Base Shear } V &= \text{Max. of } (V_1, V_2, V_3) \\ &= 0.2783 \times 55.400 = 15.42 \text{ ton} \end{aligned}$$

$$F_t = 0.0 \quad (\text{因 } T < 0.7)$$

for drift control:

$$\text{Total Base Shear } V = 0.1980 \times 55.400 = 10.97 \text{ ton}$$

$$F_t = 0.0 \quad (\text{因 } T < 0.7)$$

FL.	W(i) ton	$\Delta H(i)$ m	H(i) m	W(i)xH(i) ton-m	F(i)	Fs(i) ton	ton
RFL	55.40	3.88	3.88	214.67	15.42	10.97	
	55.40			214.67	15.42	10.97	

$$\text{OVERTURNING MOMENT} = 59.753 \text{ t-m}$$

十七. 建築物地下部分之設計水平地震力

FL.	W(i) ton	$\Delta H(i)$ m	H(i) m	K 值	該層地震力 ton

十八. 工址最小設計垂直地震力 Vv:

工址類型: 近斷層工址

$$\text{SaD}, V = 2/3 \text{ SaD} = 2/3 \times 0.980 = 0.653$$

$$\text{SaM}, V = 2/3 \text{ SaM} = 2/3 \times 1.250 = 0.833$$

依規範 2.18 節說明, 梁構件韌性容量 R= 3.0

$$\text{依(2-13), } R_a = 1 + (R-1)/1.5 = 1 + (3.0 - 1)/1.5 = 2.333$$

$$\text{依(2-12), } F_{u,v} = 1.915, F_{uM,v} = 2.236$$

最小設計垂直地震力 V_z :

$$\begin{aligned} &= S_{aD,v}/F_{u,v} \quad ; \quad S_{aD,v}/F_{u,v} \leq 0.2 \\ (S_{aD,v}/F_{u,v})_m &= 0.52 S_{aD,v}/F_{u,v} + 0.096; \quad 0.2 < S_{aD,v}/F_{u,v} < 0.53 \quad (\text{C2-11b}) \\ &= 0.70 S_{aD,v}/F_{u,v} \quad ; \quad S_{aD,v}/F_{u,v} \geq 0.53 \\ (S_{aD,v}/F_{u,v}) &= (0.653/1.915) = 0.341 \quad 0.2 < (x) < 0.53 \\ \therefore (S_{aD,v}/F_{u,v})_m &= 0.52 \times 0.341 + 0.096 = 0.273 \\ V_z &= I/(1.4 a_y) (S_{aD,v}/F_{u,v})_m W \quad (\text{C2-10}) \\ V_z &= 1.000/(1.4 \times 1.000) \times 0.273 W = 0.1953 W \end{aligned}$$

避免中小度地震降伏之設計地震力 V^*,v :

$$\begin{aligned} V^*,v &= I F_{u,v}/(4.2 a_y) (S_{aD,v}/F_{u,v})_m W \quad \dots \text{套用(2-13a)} \\ V^*,v &= 1.000 \times 1.915/(4.2 \times 1.000) \times 0.273 W = 0.1247 W \end{aligned}$$

避免最大考量地震崩塌之設計地震力 $V_{M,v}$:

$$\begin{aligned} &= S_{aM,v}/F_{uM,v}; \quad S_{aM,v}/F_{uM,v} \leq 0.2 \\ (S_{aM,v}/F_{uM,v})_m &= 0.52 S_{aM,v}/F_{uM,v} + 0.096; \quad 0.2 < S_{aM,v}/F_{uM,v} < 0.53 \quad \text{套用(C2-11b)} \\ &= 0.70 S_{aM,v}/F_{uM,v}; \quad S_{aM,v}/F_{uM,v} \geq 0.53 \\ (S_{aM,v}/F_{uM,v}) &= (0.833/2.236) = 0.373 \quad 0.2 < (x) < 0.53 \\ \therefore (S_{aM,v}/F_{uM,v})_m &= 0.52 \times 0.373 + 0.096 = 0.29 \\ V_{M,v} &= I/(1.4 a_y) (S_{aM,v}/F_{uM,v})_m W \quad \dots \text{套用(2-13c)} \\ V_{M,v} &= 1.000/(1.4 \times 1.000) \times 0.29 \times W = 0.2070 W \end{aligned}$$

工址最小設計垂直地震力 V_v :

$$\begin{aligned} V_v &= \text{Max}(V_z, V^*,v, V_{M,v}) \\ V_v &= \text{Max}(0.1953W, 0.1247W, 0.2070W) = 0.2070W \end{aligned}$$

十九. 建築物柱之垂直地震力

工址類型: 近斷層工址

$$\begin{aligned} V_{col,v} &= 0.80 \text{ SDS } I/(3 a_y) W \\ V_{col,v} &= 0.80 \times 0.98 \times 1.0/(3 \times 1.0) W = 0.2613W \end{aligned}$$

二十. 正規化加速度反應譜

工址類型: 近斷層工址

$$R = 4.0 \quad I = 1.0 \quad \alpha_y = 1.0 \quad T_1 = 0.175$$

依 3-2 節求 動力分析加速度反應譜調整係數

1) 動力分析採用之加速度反應譜係數 S_{aD}

一般工址與近斷層區域動力分析加速度反應譜調整係數:

$$Z_{DBE} = \max[S_{aD} * (9.8 * I((S_{aD}(T_1)/F_{u(T_1)})_m) / ((1.4 a_y) S_{aD}(T_1))), (9.8 * I * F_{u(T_1)}((S_{aD}(T_1)/F_{u(T_1)})_m) / ((4.2 a_y) S_{aD}(T_1)))]$$

臺北盆地動力分析加速度反應譜調整係數:

$$Z_{DBE} = \max[S_{aD} * (9.8 * I((S_{aD}(T_1)/F_{u(T_1)})_m) / ((1.4 a_y) S_{aD}(T_1))), (9.8 * I * F_{u(T_1)}((S_{aD}(T_1)/F_{u(T_1)})_m) / ((3.5 a_y) S_{aD}(T_1)))]$$

2) 如設計地震力由(2-13c)式之 V_M 所控制時,動力分析採用之加速度反應譜係數用 S_{aM}

動力分析加速度反應譜調整係數:

$$Z_{MCE} = S_{aM} * (9.8 * I((S_{aM}(T_1)/F_{uM}(T_1))_m) / ((1.4 a_y) S_{aM}(T_1)))$$

詳表 :

T(sec)	SaD	SaM	Fu	(SaD/Fu)	(SaD/Fu)m	(SaM/FuM)m	Z _{DBE}	Z _{MCE}
0.000	0.392	0.500	1.000	0.392	0.348	0.390	1.041	1.091
0.020	0.486	0.613	1.199	0.406	0.355	0.390	1.292	1.338
0.040	0.581	0.726	1.397	0.416	0.360	0.390	1.543	1.584
0.060	0.675	0.839	1.596	0.423	0.364	0.390	1.794	1.831
0.080	0.770	0.952	1.794	0.429	0.367	0.390	2.045	2.077
0.100	0.864	1.065	1.993	0.434	0.370	0.390	2.296	2.324
0.120	0.959	1.178	2.191	0.438	0.372	0.390	2.547	2.570
0.140	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.160	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.180	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.200	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.220	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728

0.240	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.260	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.280	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.300	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.320	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.340	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.360	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.380	0.980	1.250	2.256	0.434	0.370	0.390	2.603	2.728
0.400	0.980	1.250	2.317	0.423	0.364	0.390	2.603	2.728
0.420	0.980	1.250	2.379	0.412	0.358	0.390	2.603	2.728
0.440	0.980	1.250	2.440	0.402	0.353	0.390	2.603	2.728
0.460	0.980	1.250	2.502	0.392	0.348	0.390	2.603	2.728
0.480	0.980	1.250	2.563	0.382	0.343	0.390	2.603	2.728
0.500	0.980	1.250	2.624	0.373	0.338	0.390	2.603	2.728
0.520	0.980	1.250	2.686	0.365	0.334	0.390	2.603	2.728
0.540	0.980	1.250	2.747	0.357	0.330	0.390	2.603	2.728
0.560	0.980	1.250	2.808	0.349	0.325	0.390	2.603	2.728
0.580	0.980	1.250	2.870	0.341	0.322	0.390	2.603	2.728
0.600	0.980	1.250	2.931	0.334	0.318	0.390	2.603	2.728
0.620	0.980	1.250	2.992	0.327	0.314	0.390	2.603	2.728
0.640	0.953	1.250	3.000	0.318	0.309	0.390	2.532	2.728
0.660	0.924	1.250	3.000	0.308	0.304	0.390	2.455	2.728
0.680	0.897	1.221	3.000	0.299	0.299	0.390	2.383	2.664
0.700	0.871	1.186	3.000	0.290	0.290	0.390	2.315	2.587
0.720	0.847	1.153	3.000	0.282	0.282	0.390	2.251	2.516
0.740	0.824	1.122	3.000	0.275	0.275	0.390	2.190	2.448
0.760	0.803	1.092	3.000	0.268	0.268	0.390	2.132	2.383
0.780	0.782	1.064	3.000	0.261	0.261	0.390	2.077	2.322
0.800	0.763	1.038	3.000	0.254	0.254	0.390	2.026	2.264
0.820	0.744	1.012	3.000	0.248	0.248	0.390	1.976	2.209
0.840	0.726	0.988	3.000	0.242	0.242	0.390	1.929	2.156
0.860	0.709	0.965	3.000	0.236	0.236	0.390	1.884	2.106
0.880	0.693	0.943	3.000	0.231	0.231	0.390	1.841	2.058
0.900	0.678	0.922	3.000	0.226	0.226	0.390	1.800	2.012
0.920	0.663	0.902	3.000	0.221	0.221	0.390	1.761	1.969
0.940	0.649	0.883	3.000	0.216	0.216	0.390	1.724	1.927
0.960	0.635	0.865	3.000	0.212	0.212	0.390	1.688	1.887
0.980	0.622	0.847	3.000	0.207	0.207	0.390	1.653	1.848
1.000	0.610	0.830	3.000	0.203	0.203	0.390	1.620	1.811
1.020	0.598	0.814	3.000	0.199	0.199	0.390	1.589	1.776
1.040	0.587	0.798	3.000	0.196	0.196	0.390	1.558	1.742
1.060	0.575	0.783	3.000	0.192	0.192	0.390	1.529	1.709
1.080	0.565	0.769	3.000	0.188	0.188	0.390	1.500	1.677
1.100	0.555	0.755	3.000	0.185	0.185	0.390	1.473	1.647
1.120	0.545	0.741	3.000	0.182	0.182	0.390	1.447	1.617
1.140	0.535	0.728	3.000	0.178	0.178	0.390	1.421	1.589
1.160	0.526	0.716	3.000	0.175	0.175	0.390	1.397	1.561
1.180	0.517	0.703	3.000	0.172	0.172	0.390	1.373	1.535
1.200	0.508	0.692	3.000	0.169	0.169	0.390	1.350	1.509
1.220	0.500	0.680	3.000	0.167	0.167	0.390	1.328	1.485
1.240	0.492	0.669	3.000	0.164	0.164	0.390	1.307	1.461
1.260	0.484	0.659	3.000	0.161	0.161	0.390	1.286	1.437
1.280	0.477	0.648	3.000	0.159	0.159	0.390	1.266	1.415
1.300	0.469	0.638	3.000	0.156	0.156	0.390	1.246	1.393
1.320	0.462	0.629	3.000	0.154	0.154	0.390	1.228	1.372
1.340	0.455	0.619	3.000	0.152	0.152	0.390	1.209	1.352
1.360	0.449	0.610	3.000	0.150	0.150	0.390	1.191	1.332
1.380	0.442	0.601	3.000	0.147	0.147	0.390	1.174	1.312
1.400	0.436	0.593	3.000	0.145	0.145	0.390	1.157	1.294
1.420	0.430	0.585	3.000	0.143	0.143	0.390	1.141	1.276
1.440	0.424	0.576	3.000	0.141	0.141	0.390	1.125	1.258
1.460	0.418	0.568	3.000	0.139	0.139	0.390	1.110	1.241
1.480	0.412	0.561	3.000	0.137	0.137	0.390	1.095	1.224
1.500	0.407	0.553	3.000	0.136	0.136	0.390	1.080	1.207
1.520	0.401	0.546	3.000	0.134	0.134	0.390	1.066	1.192
1.540	0.396	0.539	3.000	0.132	0.132	0.390	1.052	1.176
1.560	0.392	0.532	3.000	0.131	0.131	0.390	1.041	1.161
1.580	0.392	0.525	3.000	0.131	0.131	0.390	1.041	1.146
1.600	0.392	0.519	3.000	0.131	0.131	0.390	1.041	1.132
1.620	0.392	0.512	3.000	0.131	0.131	0.390	1.041	1.118
1.640	0.392	0.506	3.000	0.131	0.131	0.390	1.041	1.104

[illegible]

3.080	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
3.100	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091

暫存區(D 棟)

建物名稱: D 棟暫存區_X

一. 震區選擇 (SsD 與 S1D 以及 SsM 與 S1M 係數)

建物位於台中市霧峰區,地下 0 層樓,地上 1 層樓,總高度 3.9 公尺.

縣市	鄉鎮市區	SsD	S1D	SsM	S1M	
台中市	霧峰區		0.8	0.45	1.0	0.55

工址位於 東經= 120.696640, 北緯= 24.016230

是關聯斷層 距離大茅埔雙冬斷層 9.242 km

二. 構造種類及系統

結構系統韌性容量: $R=4.0$

起始降伏地震力放大倍數: $\alpha_y=1.0$

用途係數: $I=1.0$

三. 近斷層調整後震區係數

縣市	鄉鎮市區	SsD	S1D	SsM	S1M	
台中市	霧峰區		0.846	0.478	1.046	0.616

四. 地盤種類 (I. II. III. IV)

本工址屬第一類地盤(堅實地盤).

五. 工址放大係數 (Fa. Fv)

表 2-4(a) 短週期結構之工址放大係數 Fa (線性內插求值)

表 2-4(b) 長週期結構之工址放大係數 Fv (線性內插求值)

SsD= 0.846 Fa= 1.0 ,SsM= 1.046 Fa= 1.0

S1D= 0.478 Fv= 1.0 ,S1M= 0.616 Fv= 1.0

六. 工址水平譜加速度係數 (SDS 與 SD1 及 SMS 與 SM1)

近斷層工址: $SDS = Fa SsD$; $SMS = Fa SsM$ (2-4)

$SD1 = Fv S1D$; $SM1 = Fv S1M$

$SDS = 1.0 \times 0.846 = 0.846$; $SMS = 1.0 \times 1.046 = 1.046$

$SD1 = 1.0 \times 0.478 = 0.478$; $SM1 = 1.0 \times 0.616 = 0.616$

七. 建築物基本振動週期及短週期. 中長週期分界(ToD. ToM)

依(2-8)鋼筋混凝土、鋼骨鋼筋混凝土等之基本振動週期:

$T_{code} = 0.07 h^{3/4} = 0.07 \times 3.88^{3/4} = 0.194 \text{ sec}$

依(2-6), 一般工址及近斷層工址:

$ToD = SD1 / SDS = 0.478 / 0.846 = 0.564 \text{ sec}$

$ToM = SM1 / SMS = 0.616 / 1.046 = 0.589 \text{ sec}$

八. 建築物設計振動週期 (Tdesign)

依由動力分析求得 $T_{dyna} = 0.243 \text{ sec}$

依 2-6 節,週期放大係數 $CU = 1.4$

$$T_{design} = \min(C_u \times T_{code}, T_{dyna}) = \min(1.4 \times 0.194, 0.243) = 0.243 \text{ sec}$$

九. 容許韌性容量 (R_a , F_u)

結構系統韌性容量 R , 查表 1-3, $R = 4.0$

依式(2-10), 一般工址及近斷層工址: $R_a = 1 + (R-1)/1.5 = 1 + (4.0 - 1)/1.5 = 3.0$

依(2-12), $F_u = 2.236$

$$F_{uM} = 2.646$$

十. 工址設計與最大考量水平譜加速度係數 (SaD , SaM)

查表 3-1 阻尼比=5. %

$$B_s = 1.00, B_1 = 1.00$$

查表 3-2 一般工址設計水平譜加速度係數 SaD

$$0.2 T_{oD} \leq T \leq T_{oD}$$

$$SaD = SDS/B_s = 0.846/1.000 = 0.846$$

$$0.2 T_{oM} \leq T \leq T_{oM}$$

$$SaM = SMS/B_s = 1.046/1.000 = 1.046$$

十一. 最小設計水平總橫力 VD

$$\begin{aligned} &= SaD/F_u; & SaD/F_u \leq 0.3 \\ (SaD/F_u)_m &= 0.52 SaD/F_u + 0.144; & 0.3 < SaD/F_u < 0.8 \quad \dots(2-2) \\ &= 0.70 SaD/F_u; & SaD/F_u \geq 0.8 \end{aligned}$$

$$(SaD/F_u) = (0.846/2.236) = 0.379; 0.3 < SaD/F_u \leq 0.8$$

$$(SaD/F_u)_m = 0.52 (SaD/F_u) + 0.144 = 0.52 \times 0.379 + 0.144 = 0.341$$

$$VD = I/(1.4 a_y) (SaD/F_u)_m W \quad \dots(2-3)$$

$$VD = 1.0/(1.4 \times 1.0) \times 0.341 \times W = 0.243 W$$

十二. 避免中小度地震降伏之設計地震力 V^*

$$\text{近斷層工址: } V^* = I F_u/(4.2 a_y) (SaD/F_u)_m W \quad \dots(2-13a)$$

$$V^* = 1.0 \times 2.236/(4.2 \times 1.0) \times 0.33 \times W = 0.176 W$$

十三. 避免最大考量地震崩塌之設計地震力 VM

$$VM = I/(1.4 a_y) (SaM/F_{uM})_m W \quad \dots(2-13c)$$

$$\begin{aligned} &= SaM/F_{uM}; & SaM/F_{uM} \leq 0.3 \\ (SaM/F_{uM})_m &= 0.52 SaM/F_{uM} + 0.144; & 0.3 < SaM/F_{uM} < 0.8 \quad \dots(2-13d) \\ &= 0.70 SaM/F_{uM}; & SaM/F_{uM} \geq 0.8 \end{aligned}$$

$$(SaM/F_{uM}) = (1.046/2.646) = 0.395; 0.3 < SaM/F_{uM} \leq 0.8$$

$$(SaM/F_{uM})_m = 0.52 (SaM/F_{uM}) + 0.144 = 0.52 \times 0.395 + 0.144 = 0.35$$

$$VM = 1.0/(1.4 \times 1.0) \times 0.35 \times W = 0.25 W$$

十四. 工址最小設計水平總橫力 V_{design}

$$\begin{aligned} V_{design} &= \max(VD, V^*, VM) \\ &= \max(0.243W, 0.176W, 0.250W) \\ &= 0.250W \end{aligned}$$

十五. 計算層間相對側位移角的地震力 ($T_{drift_control}$)

依由動力分析求得 $T_{dyna} = 0.243 \text{ sec}$

由規範 2.16 節：若基本振動週期係以結構力學方法計算，

所得 T 值不必受小於經驗公式週期 C_u 倍的限制，

亦不受不得低於 0.4 SDS 之控制。

$$\therefore T = T_{\text{dyna}} = 0.243 \text{ sec}$$

Ra = 3.0 (as before)

依(2-12), 求 Fu

$$\because 0.2T_0 \leq T \leq 0.6T_0 \quad \therefore F_u = 2.236$$

查表 2-5(a) 一般工址或近斷層區域之工址設計水平譜加速度係數 SaD

因 $0.2T_0 \leq T \leq T_0$

故 $SaD = SDS = 0.846$

$$\begin{aligned} &= \frac{SaD}{F_u}; & \frac{SaD}{F_u} \leq 0.3 \\ (SaD/F_u)_m &= 0.52 \frac{SaD}{F_u} + 0.144; & 0.3 < \frac{SaD}{F_u} < 0.8 \quad \dots(2-2) \\ &= 0.70 \frac{SaD}{F_u}; & \frac{SaD}{F_u} \geq 0.8 \end{aligned}$$

$$\text{因 } (SaD/F_u) = (0.846/2.236) = 0.3785; 0.3 < SaD/F_u \leq 0.8$$

$$\text{故 } (SaD/F_u)_m = 0.52 (SaD/F_u) + 0.144 = 0.52 \times 0.3785 + 0.144 = 0.3408$$

$$V_{\text{drift_control}} = I F_u / 4.2 (SaD/F_u)_m W \quad \dots(2-13a)$$

$$V_{\text{drift_control}} = 1.0 \times 2.236 / 4.2 \times 0.3408 \times W = 0.1815 W$$

2.16.2 建築物間隔:

建築物應自留設與鄰棟建築物之間隔倍數,

(以此倍數乘以設計地震力作用下產生之位移)

$$\begin{aligned} \text{設計地震力由 (2-1)式控制時,間隔倍數} &= 0.6 \times 1.4 \times a_y \times R_a \\ &= 0.6 \times 1.4 \times 1.000 \times 3.000 = 2.5200 \end{aligned}$$

十六. 水平地震力之豎向分配

$$T = 0.243 \text{ sec}$$

for strength:

$$\begin{aligned} \text{Total Base Shear } V &= \text{Max. of } (V_1, V_2, V_3) \\ &= 0.2498 \times 813.000 = 203.05 \text{ ton} \end{aligned}$$

$$F_t = 0.0 \quad (\text{因 } T < 0.7)$$

for drift control:

$$\text{Total Base Shear } V = 0.1815 \times 813.000 = 147.52 \text{ ton}$$

$$F_t = 0.0 \quad (\text{因 } T < 0.7)$$

FL.	W(i) ton	$\Delta H(i)$ m	H(i) m	W(i)xH(i) ton-m	F(i)	Fs(i) ton	ton
RFL	813.00	3.88	3.88	3154.44	203.05	147.52	
	813.00			3154.44	203.05	147.52	

$$\text{OVERTURNING MOMENT} = 787.834 \text{ t-m}$$

十七. 建築物地下部分之設計水平地震力

FL.	W(i) ton	$\Delta H(i)$ m	H(i) m	K 值	該層地震力 ton

十八. 工址最小設計垂直地震力 Vv:

工址類型: 近斷層工址

$$SaD,V = 2/3 SaD = 2/3 \times 0.846 = 0.564$$

$$SaM,V = 2/3 SaM = 2/3 \times 1.046 = 0.698$$

依規範 2.18 節說明, 梁構件韌性容量 R= 3.0

$$\text{依(2-13), } R_a = 1 + (R-1)/1.5 = 1 + (3.0 - 1)/1.5 = 2.333$$

$$\text{依(2-12), } F_{u,v} = 1.915, F_{uM,v} = 2.236$$

最小設計垂直地震力 V_z :

$$\begin{aligned} &= S_{aD,v}/F_{u,v} \quad ; \quad S_{aD,v}/F_{u,v} \leq 0.2 \\ (S_{aD,v}/F_{u,v})_m &= 0.52 S_{aD,v}/F_{u,v} + 0.096; \quad 0.2 < S_{aD,v}/F_{u,v} < 0.53 \quad (\text{C2-11b}) \\ &= 0.70 S_{aD,v}/F_{u,v} \quad ; \quad S_{aD,v}/F_{u,v} \geq 0.53 \\ (S_{aD,v}/F_{u,v}) &= (0.564/1.915) = 0.295 \quad 0.2 < (x) < 0.53 \\ \therefore (S_{aD,v}/F_{u,v})_m &= 0.52 \times 0.295 + 0.096 = 0.249 \\ V_z &= I/(1.4 a_y) (S_{aD,v}/F_{u,v})_m W \quad (\text{C2-10}) \\ V_z &= 1.000/(1.4 \times 1.000) \times 0.249 W = 0.1780 W \end{aligned}$$

避免中小度地震降伏之設計地震力 V^*,v :

$$\begin{aligned} V^*,v &= I F_{u,v}/(4.2 a_y) (S_{aD,v}/F_{u,v})_m W \quad \dots \text{套用(2-13a)} \\ V^*,v &= 1.000 \times 1.915/(4.2 \times 1.000) \times 0.249 W = 0.1136 W \end{aligned}$$

避免最大考量地震崩塌之設計地震力 $V_{M,v}$:

$$\begin{aligned} &= S_{aM,v}/F_{uM,v}; \quad S_{aM,v}/F_{uM,v} \leq 0.2 \\ (S_{aM,v}/F_{uM,v})_m &= 0.52 S_{aM,v}/F_{uM,v} + 0.096; \quad 0.2 < S_{aM,v}/F_{uM,v} < 0.53 \quad \text{套用(C2-11b)} \\ &= 0.70 S_{aM,v}/F_{uM,v}; \quad S_{aM,v}/F_{uM,v} \geq 0.53 \\ (S_{aM,v}/F_{uM,v}) &= (0.698/2.236) = 0.312 \quad 0.2 < (x) < 0.53 \\ \therefore (S_{aM,v}/F_{uM,v})_m &= 0.52 \times 0.312 + 0.096 = 0.258 \\ V_{M,v} &= I/(1.4 a_y) (S_{aM,v}/F_{uM,v})_m W \quad \dots \text{套用(2-13c)} \\ V_{M,v} &= 1.000/(1.4 \times 1.000) \times 0.258 \times W = 0.1844 W \end{aligned}$$

工址最小設計垂直地震力 V_v :

$$\begin{aligned} V_v &= \text{Max}(V_z, V^*,v, V_{M,v}) \\ V_v &= \text{Max}(0.1780W, 0.1136W, 0.1844W) = 0.1844W \end{aligned}$$

十九. 建築物柱之垂直地震力

工址類型: 近斷層工址

$$\begin{aligned} V_{col,v} &= 0.80 \text{ SDS } I/(3 a_y) W \\ V_{col,v} &= 0.80 \times 0.8464 \times 1.0/(3 \times 1.0) W = 0.2257W \end{aligned}$$

二十. 正規化加速度反應譜

工址類型: 近斷層工址

$$R = 4.0 \quad I = 1.0 \quad \alpha_y = 1.0 \quad T_1 = 0.243$$

依 3-2 節求 動力分析加速度反應譜調整係數

1) 動力分析採用之加速度反應譜係數 S_{aD}

一般工址與近斷層區域動力分析加速度反應譜調整係數:

$$Z_{DBE} = \text{max}[S_{aD} * (9.8 * I((S_{aD}(T_1)/F_u(T_1))_m) / ((1.4 a_y) S_{aD}(T_1))), (9.8 * I * F_u(T_1)((S_{aD}(T_1)/F_u(T_1))_m) / ((4.2 a_y) S_{aD}(T_1)))]$$

臺北盆地動力分析加速度反應譜調整係數:

$$Z_{DBE} = \text{max}[S_{aD} * (9.8 * I((S_{aD}(T_1)/F_u(T_1))_m) / ((1.4 a_y) S_{aD}(T_1))), (9.8 * I * F_u(T_1)((S_{aD}(T_1)/F_u(T_1))_m) / ((3.5 a_y) S_{aD}(T_1)))]$$

2) 如設計地震力由(2-13c)式之 V_M 所控制時,動力分析採用之加速度反應譜係數用 S_{aM}

動力分析加速度反應譜調整係數:

$$Z_{MCE} = S_{aM} * (9.8 * I((S_{aM}(T_1)/F_{uM}(T_1))_m) / ((1.4 a_y) S_{aM}(T_1)))$$

詳表 :

T(sec)	SaD	SaM	Fu	(SaD/Fu)	(SaD/Fu)m	(SaM/FuM)m	Z _{DBE}	Z _{MCE}
0.000	0.339	0.419	1.000	0.339	0.320	0.350	0.954	0.979
0.020	0.429	0.525	1.219	0.352	0.327	0.350	1.208	1.228
0.040	0.519	0.632	1.438	0.361	0.331	0.350	1.462	1.478
0.060	0.609	0.738	1.657	0.367	0.335	0.350	1.715	1.727
0.080	0.699	0.845	1.876	0.372	0.338	0.350	1.969	1.976
0.100	0.789	0.951	2.095	0.376	0.340	0.350	2.223	2.226
0.120	0.846	1.046	2.236	0.379	0.341	0.350	2.386	2.448
0.140	0.846	1.046	2.236	0.379	0.341	0.350	2.386	2.448
0.160	0.846	1.046	2.236	0.379	0.341	0.350	2.386	2.448
0.180	0.846	1.046	2.236	0.379	0.341	0.350	2.386	2.448
0.200	0.846	1.046	2.236	0.379	0.341	0.350	2.386	2.448
0.220	0.846	1.046	2.236	0.379	0.341	0.350	2.386	2.448

0.240	0.846	1.046	2.236	0.379	0.341	0.350	2.386	2.448
0.260	0.846	1.046	2.236	0.379	0.341	0.350	2.386	2.448
0.280	0.846	1.046	2.236	0.379	0.341	0.350	2.386	2.448
0.300	0.846	1.046	2.236	0.379	0.341	0.350	2.386	2.448
0.320	0.846	1.046	2.236	0.379	0.341	0.350	2.386	2.448
0.340	0.846	1.046	2.241	0.378	0.340	0.350	2.386	2.448
0.360	0.846	1.046	2.309	0.367	0.335	0.350	2.386	2.448
0.380	0.846	1.046	2.376	0.356	0.329	0.350	2.386	2.448
0.400	0.846	1.046	2.444	0.346	0.324	0.350	2.386	2.448
0.420	0.846	1.046	2.512	0.337	0.319	0.350	2.386	2.448
0.440	0.846	1.046	2.579	0.328	0.315	0.350	2.386	2.448
0.460	0.846	1.046	2.647	0.320	0.310	0.350	2.386	2.448
0.480	0.846	1.046	2.715	0.312	0.306	0.350	2.386	2.448
0.500	0.846	1.046	2.782	0.304	0.302	0.350	2.386	2.448
0.520	0.846	1.046	2.850	0.297	0.297	0.350	2.386	2.448
0.540	0.846	1.046	2.918	0.290	0.290	0.350	2.386	2.448
0.560	0.846	1.046	2.986	0.283	0.283	0.350	2.386	2.448
0.580	0.823	1.046	3.000	0.274	0.274	0.350	2.321	2.448
0.600	0.796	1.027	3.000	0.265	0.265	0.350	2.244	2.403
0.620	0.770	0.994	3.000	0.257	0.257	0.350	2.171	2.325
0.640	0.746	0.963	3.000	0.249	0.249	0.350	2.103	2.253
0.660	0.724	0.934	3.000	0.241	0.241	0.350	2.040	2.184
0.680	0.702	0.906	3.000	0.234	0.234	0.350	1.980	2.120
0.700	0.682	0.881	3.000	0.227	0.227	0.350	1.923	2.060
0.720	0.663	0.856	3.000	0.221	0.221	0.350	1.870	2.002
0.740	0.645	0.833	3.000	0.215	0.215	0.350	1.819	1.948
0.760	0.628	0.811	3.000	0.209	0.209	0.350	1.771	1.897
0.780	0.612	0.790	3.000	0.204	0.204	0.350	1.726	1.848
0.800	0.597	0.770	3.000	0.199	0.199	0.350	1.683	1.802
0.820	0.582	0.752	3.000	0.194	0.194	0.350	1.642	1.758
0.840	0.569	0.734	3.000	0.190	0.190	0.350	1.603	1.716
0.860	0.555	0.717	3.000	0.185	0.185	0.350	1.565	1.676
0.880	0.543	0.700	3.000	0.181	0.181	0.350	1.530	1.638
0.900	0.531	0.685	3.000	0.177	0.177	0.350	1.496	1.602
0.920	0.519	0.670	3.000	0.173	0.173	0.350	1.463	1.567
0.940	0.508	0.656	3.000	0.169	0.169	0.350	1.432	1.534
0.960	0.497	0.642	3.000	0.166	0.166	0.350	1.402	1.502
0.980	0.487	0.629	3.000	0.162	0.162	0.350	1.374	1.471
1.000	0.478	0.616	3.000	0.159	0.159	0.350	1.346	1.442
1.020	0.468	0.604	3.000	0.156	0.156	0.350	1.320	1.413
1.040	0.459	0.593	3.000	0.153	0.153	0.350	1.294	1.386
1.060	0.451	0.581	3.000	0.150	0.150	0.350	1.270	1.360
1.080	0.442	0.571	3.000	0.147	0.147	0.350	1.246	1.335
1.100	0.434	0.560	3.000	0.145	0.145	0.350	1.224	1.311
1.120	0.426	0.550	3.000	0.142	0.142	0.350	1.202	1.287
1.140	0.419	0.541	3.000	0.140	0.140	0.350	1.181	1.265
1.160	0.412	0.531	3.000	0.137	0.137	0.350	1.161	1.243
1.180	0.405	0.522	3.000	0.135	0.135	0.350	1.141	1.222
1.200	0.398	0.514	3.000	0.133	0.133	0.350	1.122	1.201
1.220	0.391	0.505	3.000	0.130	0.130	0.350	1.103	1.182
1.240	0.385	0.497	3.000	0.128	0.128	0.350	1.086	1.163
1.260	0.379	0.489	3.000	0.126	0.126	0.350	1.068	1.144
1.280	0.373	0.482	3.000	0.124	0.124	0.350	1.052	1.126
1.300	0.367	0.474	3.000	0.122	0.122	0.350	1.036	1.109
1.320	0.362	0.467	3.000	0.121	0.121	0.350	1.020	1.092
1.340	0.356	0.460	3.000	0.119	0.119	0.350	1.005	1.076
1.360	0.351	0.453	3.000	0.117	0.117	0.350	0.990	1.060
1.380	0.346	0.447	3.000	0.115	0.115	0.350	0.976	1.045
1.400	0.341	0.440	3.000	0.114	0.114	0.350	0.962	1.030
1.420	0.339	0.434	3.000	0.113	0.113	0.350	0.954	1.015
1.440	0.339	0.428	3.000	0.113	0.113	0.350	0.954	1.001
1.460	0.339	0.422	3.000	0.113	0.113	0.350	0.954	0.988
1.480	0.339	0.419	3.000	0.113	0.113	0.350	0.954	0.979
1.500	0.339	0.419	3.000	0.113	0.113	0.350	0.954	0.979
1.520	0.339	0.419	3.000	0.113	0.113	0.350	0.954	0.979
1.540	0.339	0.419	3.000	0.113	0.113	0.350	0.954	0.979
1.560	0.339	0.419	3.000	0.113	0.113	0.350	0.954	0.979
1.580	0.339	0.419	3.000	0.113	0.113	0.350	0.954	0.979
1.600	0.339	0.419	3.000	0.113	0.113	0.350	0.954	0.979
1.620	0.339	0.419	3.000	0.113	0.113	0.350	0.954	0.979
1.640	0.339	0.419	3.000	0.113	0.113	0.350	0.954	0.979

[illegible]

建物名稱: D 棟暫存區_Y

一. 震區選擇 (SsD 與 S1D 以及 SsM 與 S1M 係數)

建物位於台中市霧峰區,地下 0 層樓,地上 1 層樓,總高度 3.9 公尺.

縣市	鄉鎮市區	SsD	S1D	SsM	S1M	
台中市	霧峰區		0.8	0.45	1.0	0.55

工址位於 東經= 120.696640, 北緯= 24.016230

是關聯斷層 距離車籠埔斷層 0.830 km

二. 構造種類及系統

結構系統韌性容量: $R=4.0$

起始降伏地震力放大倍數: $\alpha_y=1.0$

用途係數: $I=1.0$

三. 近斷層調整後震區係數

縣市	鄉鎮市區	SsD	S1D	SsM	S1M	
台中市	霧峰區		0.980	0.610	1.250	0.830

四. 地盤種類 (I. II. III. IV)

本工址屬第一類地盤(堅實地盤).

五. 工址放大係數 (F_a , F_v)

表 2-4(a) 短週期結構之工址放大係數 F_a (線性內插求值)

表 2-4(b) 長週期結構之工址放大係數 F_v (線性內插求值)

SsD= 0.98	$F_a= 1.0$	SsM= 1.25	$F_a= 1.0$
S1D= 0.61	$F_v= 1.0$	S1M= 0.83	$F_v= 1.0$

六. 工址水平譜加速度係數 (SDS 與 SD1 及 SMS 與 SM1)

近斷層工址: $SDS = F_a SsD$; $SMS = F_a SsM$ (2-4)

$SD1 = F_v S1D$; $SM1 = F_v S1M$

$SDS = 1.0 \times 0.980 = 0.980$; $SMS = 1.0 \times 1.250 = 1.250$

$SD1 = 1.0 \times 0.610 = 0.610$; $SM1 = 1.0 \times 0.830 = 0.830$

七. 建築物基本振動週期及短週期. 中長週期分界(T_{oD} , T_{oM})

依(2-8)鋼筋混凝土、鋼骨鋼筋混凝土等之基本振動週期:

$T_{code} = 0.07 h^{3/4} = 0.07 \times 3.88^{3/4} = 0.194 \text{ sec}$

依(2-6), 一般工址及近斷層工址:

$T_{oD} = SD1 / SDS = 0.610 / 0.980 = 0.622 \text{ sec}$

$T_{oM} = SM1 / SMS = 0.830 / 1.250 = 0.664 \text{ sec}$

八. 建築物設計振動週期 (T_{design})

依由動力分析求得 $T_{dyna} = 0.211 \text{ sec}$

依 2-6 節,週期放大係數 $C_u = 1.4$

$T_{design} = \min(C_u \times T_{code}, T_{dyna}) = \min(1.4 \times 0.194, 0.211) = 0.211 \text{ sec}$

九. 容許韌性容量 (R_a , F_u)

結構系統韌性容量 R , 查表 1-3, $R=4.0$

依式(2-10), 一般工址及近斷層工址: $R_a = 1 + (R-1)/1.5 = 1+(4.0-1)/1.5 = 3.0$

依(2-12), $F_u = 2.236$

$$F_u M = 2.646$$

十. 工址設計與最大考量水平譜加速度係數 ($S_a D$, $S_a M$)

查表 3-1 阻尼比=5. %

$$B_s = 1.00, \quad B_1 = 1.00$$

查表 3-2 一般工址設計水平譜加速度係數 $S_a D$

$$0.2 T_{oD} \leq T \leq T_{oD}$$

$$S_a D = S_{DS}/B_s = 0.980/1.000 = 0.980$$

$$0.2 T_{oM} \leq T \leq T_{oM}$$

$$S_a M = S_{MS}/B_s = 1.250/1.000 = 1.250$$

十一. 最小設計水平總橫力 V_D

$$\begin{aligned} &= S_a D / F_u; & S_a D / F_u \leq 0.3 \\ (S_a D / F_u)_m &= 0.52 S_a D / F_u + 0.144; & 0.3 < S_a D / F_u < 0.8 \quad \dots(2-2) \\ &= 0.70 S_a D / F_u; & S_a D / F_u \geq 0.8 \end{aligned}$$

$$(S_a D / F_u) = (0.98 / 2.236) = 0.438; \quad 0.3 < S_a D / F_u \leq 0.8$$

$$(S_a D / F_u)_m = 0.52 (S_a D / F_u) + 0.144 = 0.52 \times 0.438 + 0.144 = 0.372$$

$$V_D = I / (1.4 a_y) (S_a D / F_u)_m W \quad \dots(2-3)$$

$$V_D = 1.0 / (1.4 \times 1.0) \times 0.372 \times W = 0.266 W$$

十二. 避免中小度地震降伏之設計地震力 V^*

$$\text{近斷層工址: } V^* = I F_u / (4.2 a_y) (S_a D / F_u)_m W \quad \dots(2-13a)$$

$$V^* = 1.0 \times 2.236 / (4.2 \times 1.0) \times 0.33 \times W = 0.176 W$$

十三. 避免最大考量地震崩塌之設計地震力 V_M

$$V_M = I / (1.4 a_y) (S_a M / F_u M)_m W \quad \dots(2-13c)$$

$$\begin{aligned} &= S_a M / F_u M; & S_a M / F_u M \leq 0.3 \\ (S_a M / F_u M)_m &= 0.52 S_a M / F_u M + 0.144; & 0.3 < S_a M / F_u M < 0.8 \quad \dots(2-13d) \\ &= 0.70 S_a M / F_u M; & S_a M / F_u M \geq 0.8 \end{aligned}$$

$$(S_a M / F_u M) = (1.25 / 2.646) = 0.472; \quad 0.3 < S_a M / F_u M \leq 0.8$$

$$(S_a M / F_u M)_m = 0.52 (S_a M / F_u M) + 0.144 = 0.52 \times 0.472 + 0.144 = 0.39$$

$$V_M = 1.0 / (1.4 \times 1.0) \times 0.39 \times W = 0.278 W$$

十四. 工址最小設計水平總橫力 V_{design}

$$\begin{aligned} V_{design} &= \text{Max}(V_D, V^*, V_M) \\ &= \text{Max}(0.266W, 0.176W, 0.278W) \\ &= 0.278W \end{aligned}$$

十五. 計算層間相對側位移角的地震力 ($T_{drift_control}$)

依由動力分析求得 $T_{dyna} = 0.211 \text{ sec}$

由規範 2.16 節：若基本振動週期係以結構力學方法計算，

所得 T 值不必受小於經驗公式週期 C_u 倍的限制，

亦不受不得低於 $0.4 S_{DS}$ 之控制。

$$\therefore T = T_{dyna} = 0.211 \text{ sec}$$

Ra = 3.0 (as before)

依(2-12), 求 Fu

$$\therefore 0.2T \leq T \leq 0.6T \quad \therefore F_u = 2.236$$

查表 2-5(a) 一般工址或近斷層區域之工址設計水平譜加速度係數 SaD

因 $0.2T \leq T \leq T_D$

故 $SaD = SDS = 0.980$

$$\begin{aligned} &= SaD/F_u; \quad SaD/F_u \leq 0.3 \\ (SaD/F_u)_m &= 0.52 SaD/F_u + 0.144; \quad 0.3 < SaD/F_u < 0.8 \quad \dots(2-2) \\ &= 0.70 SaD/F_u; \quad SaD/F_u \geq 0.8 \end{aligned}$$

因 $(SaD/F_u) = (0.98/2.236) = 0.4383$; $0.3 < SaD/F_u \leq 0.8$

故 $(SaD/F_u)_m = 0.52 (SaD/F_u) + 0.144 = 0.52 \times 0.4383 + 0.144 = 0.3719$

$$V_{\text{drift_control}} = I F_u / 4.2 (SaD/F_u)_m W \quad \dots(2-13a)$$

$$V_{\text{drift_control}} = 1.0 \times 2.236 / 4.2 \times 0.3719 \times W = 0.198 W$$

2.16.2 建築物間隔:

建築物應自留設與鄰棟建築物之間隔倍數,

(以此倍數乘以設計地震力作用下產生之位移)

$$\begin{aligned} \text{設計地震力由 (2-1)式控制時,間隔倍數} &= 0.6 \times 1.4 \times a_y \times R_a \\ &= 0.6 \times 1.4 \times 1.000 \times 3.000 = 2.5200 \end{aligned}$$

十六. 水平地震力之豎向分配

T = 0.211 sec

for strength:

$$\begin{aligned} \text{Total Base Shear } V &= \text{Max. of } (V_1, V_2, V_3) \\ &= 0.2783 \times 813.000 = 226.29 \text{ ton} \end{aligned}$$

Ft = 0.0 (因 T < 0.7)

for drift control:

$$\text{Total Base Shear } V = 0.1980 \times 813.000 = 160.97 \text{ ton}$$

Ft = 0.0 (因 T < 0.7)

FL	W(i) ton	ΔH(i) m	H(i) m	W(i)×H(i) ton-m	F(i)	Fs(i) ton	ton
RFL	813.00	3.88	3.88	3154.44	226.29	160.97	
				813.00	3154.44	226.29	160.97

$$\text{OVERTURNING MOMENT} = 878.009 \text{ t-m}$$

十七. 建築物地下部分之設計水平地震力

FL	W(i) ton	ΔH(i) m	H(i) m	K 值	該層地震力 ton

十八. 工址最小設計垂直地震力 Vv:

工址類型: 近斷層工址

$$SaD,V = 2/3 SaD = 2/3 \times 0.980 = 0.653$$

$$SaM,V = 2/3 SaM = 2/3 \times 1.250 = 0.833$$

依規範 2.18 節說明, 梁構件韌性容量 R = 3.0

$$\text{依(2-13), } R_a = 1 + (R-1)/1.5 = 1 + (3.0 - 1)/1.5 = 2.333$$

$$\text{依(2-12), } F_u, v = 1.915, F_{uM}, v = 2.236$$

最小設計垂直地震力 V_z :

$$\begin{aligned} &= \text{SaD},v/\text{Fu},v \quad ; \quad \text{SaD},v/\text{Fu},v \leq 0.2 \\ (\text{SaD},v/\text{Fu},v)_m &= 0.52 \text{ SaD},v/\text{Fu},v + 0.096; \quad 0.2 < \text{SaD},v/\text{Fu},v < 0.53 \quad (\text{C2-11b}) \\ &= 0.70 \text{ SaD},v/\text{Fu},v \quad ; \quad \text{SaD},v/\text{Fu},v \geq 0.53 \\ (\text{SaD},v/\text{Fu},v) &= (0.653/1.915) = 0.341 \quad 0.2 < (x) < 0.53 \\ \therefore (\text{SaD},v/\text{Fu},v)_m &= 0.52 \times 0.341 + 0.096 = 0.273 \\ V_z &= I/(1.4 \text{ ay}) (\text{SaD},v/\text{Fu},v)_m W \quad (\text{C2-10}) \\ V_z &= 1.000/(1.4 \times 1.000) \times 0.273 W = 0.1953 W \end{aligned}$$

避免中小度地震降伏之設計地震力 V^*,v :

$$\begin{aligned} V^*,v &= I \text{ Fu},v/(4.2 \text{ ay}) (\text{SaD},v/\text{Fu},v)_m W \quad \dots \text{套用(2-13a)} \\ V^*,v &= 1.000 \times 1.915/(4.2 \times 1.000) \times 0.273 W = 0.1247 W \end{aligned}$$

避免最大考量地震崩塌之設計地震力 VM,v :

$$\begin{aligned} &= \text{SaM},v/\text{FuM},v; \quad \text{SaM},v/\text{FuM},v \leq 0.2 \\ (\text{SaM},v/\text{FuM},v)_m &= 0.52 \text{ SaM},v/\text{FuM},v + 0.096; \quad 0.2 < \text{SaM},v/\text{FuM},v < 0.53 \quad \text{套用(C2-11b)} \\ &= 0.70 \text{ SaM},v/\text{FuM},v; \quad \text{SaM},v/\text{FuM},v \geq 0.53 \\ (\text{SaM},v/\text{FuM},v) &= (0.833/2.236) = 0.373 \quad 0.2 < (x) < 0.53 \\ \therefore (\text{SaM},v/\text{FuM},v)_m &= 0.52 \times 0.373 + 0.096 = 0.29 \\ VM,v &= I/(1.4 \text{ ay}) (\text{SaM},v/\text{FuM},v)_m W \quad \dots \text{套用(2-13c)} \\ VM,v &= 1.000/(1.4 \times 1.000) \times 0.29 \times W = 0.2070 W \end{aligned}$$

工址最小設計垂直地震力 V_v :

$$\begin{aligned} V_v &= \text{Max}(V_z, V^*,v, VM,v) \\ V_v &= \text{Max}(0.1953W, 0.1247W, 0.2070W) = 0.2070W \end{aligned}$$

十九. 建築物柱之垂直地震力

工址類型: 近斷層工址

$$\begin{aligned} V_{col,v} &= 0.80 \text{ SDS } I/(3 \text{ ay}) W \\ V_{col,v} &= 0.80 \times 0.98 \times 1.0/(3 \times 1.0) W = 0.2613W \end{aligned}$$

二十. 正規化加速度反應譜

工址類型: 近斷層工址

$$R = 4.0 \quad I = 1.0 \quad \alpha_y = 1.0 \quad T_1 = 0.211$$

依 3-2 節求 動力分析加速度反應譜調整係數

1) 動力分析採用之加速度反應譜係數 SaD

一般工址與近斷層區域動力分析加速度反應譜調整係數:

$$Z_{DBE} = \text{max}[\text{SaD} * (9.8 * I((\text{SaD}(T_1) / \text{Fu}(T_1))_m) / ((1.4 \text{ ay}) \text{SaD}(T_1))), (9.8 * I * \text{Fu}(T_1)((\text{SaD}(T_1) / \text{Fu}(T_1))_m) / ((4.2 \text{ ay}) \text{SaD}(T_1))]$$

臺北盆地動力分析加速度反應譜調整係數:

$$Z_{DBE} = \text{max}[\text{SaD} * (9.8 * I((\text{SaD}(T_1) / \text{Fu}(T_1))_m) / ((1.4 \text{ ay}) \text{SaD}(T_1))), (9.8 * I * \text{Fu}(T_1)((\text{SaD}(T_1) / \text{Fu}(T_1))_m) / ((3.5 \text{ ay}) \text{SaD}(T_1))]$$

2) 如設計地震力由(2-13c)式之 VM 所控制時,動力分析採用之加速度反應譜係數用 SaM

動力分析加速度反應譜調整係數:

$$Z_{MCE} = \text{SaM} * (9.8 * I((\text{SaM}(T_1) / \text{FuM}(T_1))_m) / ((1.4 \text{ ay}) \text{SaM}(T_1)))$$

詳表:

T(sec)	SaD	SaM	Fu (SaD/Fu)	(SaD/Fu) _m	(SaM/FuM) _m	Z _{DBE}	Z _{MCE}
0.000	0.392	0.500	1.000	0.392	0.348	0.390	1.041
0.020	0.486	0.613	1.199	0.406	0.355	0.390	1.292
0.040	0.581	0.726	1.397	0.416	0.360	0.390	1.543
0.060	0.675	0.839	1.596	0.423	0.364	0.390	1.794
0.080	0.770	0.952	1.794	0.429	0.367	0.390	2.045
0.100	0.864	1.065	1.993	0.434	0.370	0.390	2.296
0.120	0.959	1.178	2.191	0.438	0.372	0.390	2.547
0.140	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.160	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.180	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.200	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.220	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.240	0.980	1.250	2.236	0.438	0.372	0.390	2.603
0.260	0.980	1.250	2.236	0.438	0.372	0.390	2.603

0.280	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.300	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.320	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.340	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.360	0.980	1.250	2.236	0.438	0.372	0.390	2.603	2.728
0.380	0.980	1.250	2.256	0.434	0.370	0.390	2.603	2.728
0.400	0.980	1.250	2.317	0.423	0.364	0.390	2.603	2.728
0.420	0.980	1.250	2.379	0.412	0.358	0.390	2.603	2.728
0.440	0.980	1.250	2.440	0.402	0.353	0.390	2.603	2.728
0.460	0.980	1.250	2.502	0.392	0.348	0.390	2.603	2.728
0.480	0.980	1.250	2.563	0.382	0.343	0.390	2.603	2.728
0.500	0.980	1.250	2.624	0.373	0.338	0.390	2.603	2.728
0.520	0.980	1.250	2.686	0.365	0.334	0.390	2.603	2.728
0.540	0.980	1.250	2.747	0.357	0.330	0.390	2.603	2.728
0.560	0.980	1.250	2.808	0.349	0.325	0.390	2.603	2.728
0.580	0.980	1.250	2.870	0.341	0.322	0.390	2.603	2.728
0.600	0.980	1.250	2.931	0.334	0.318	0.390	2.603	2.728
0.620	0.980	1.250	2.992	0.327	0.314	0.390	2.603	2.728
0.640	0.953	1.250	3.000	0.318	0.309	0.390	2.532	2.728
0.660	0.924	1.250	3.000	0.308	0.304	0.390	2.455	2.728
0.680	0.897	1.221	3.000	0.299	0.299	0.390	2.383	2.664
0.700	0.871	1.186	3.000	0.290	0.290	0.390	2.315	2.587
0.720	0.847	1.153	3.000	0.282	0.282	0.390	2.251	2.516
0.740	0.824	1.122	3.000	0.275	0.275	0.390	2.190	2.448
0.760	0.803	1.092	3.000	0.268	0.268	0.390	2.132	2.383
0.780	0.782	1.064	3.000	0.261	0.261	0.390	2.077	2.322
0.800	0.763	1.038	3.000	0.254	0.254	0.390	2.026	2.264
0.820	0.744	1.012	3.000	0.248	0.248	0.390	1.976	2.209
0.840	0.726	0.988	3.000	0.242	0.242	0.390	1.929	2.156
0.860	0.709	0.965	3.000	0.236	0.236	0.390	1.884	2.106
0.880	0.693	0.943	3.000	0.231	0.231	0.390	1.841	2.058
0.900	0.678	0.922	3.000	0.226	0.226	0.390	1.800	2.012
0.920	0.663	0.902	3.000	0.221	0.221	0.390	1.761	1.969
0.940	0.649	0.883	3.000	0.216	0.216	0.390	1.724	1.927
0.960	0.635	0.865	3.000	0.212	0.212	0.390	1.688	1.887
0.980	0.622	0.847	3.000	0.207	0.207	0.390	1.653	1.848
1.000	0.610	0.830	3.000	0.203	0.203	0.390	1.620	1.811
1.020	0.598	0.814	3.000	0.199	0.199	0.390	1.589	1.776
1.040	0.587	0.798	3.000	0.196	0.196	0.390	1.558	1.742
1.060	0.575	0.783	3.000	0.192	0.192	0.390	1.529	1.709
1.080	0.565	0.769	3.000	0.188	0.188	0.390	1.500	1.677
1.100	0.555	0.755	3.000	0.185	0.185	0.390	1.473	1.647
1.120	0.545	0.741	3.000	0.182	0.182	0.390	1.447	1.617
1.140	0.535	0.728	3.000	0.178	0.178	0.390	1.421	1.589
1.160	0.526	0.716	3.000	0.175	0.175	0.390	1.397	1.561
1.180	0.517	0.703	3.000	0.172	0.172	0.390	1.373	1.535
1.200	0.508	0.692	3.000	0.169	0.169	0.390	1.350	1.509
1.220	0.500	0.680	3.000	0.167	0.167	0.390	1.328	1.485
1.240	0.492	0.669	3.000	0.164	0.164	0.390	1.307	1.461
1.260	0.484	0.659	3.000	0.161	0.161	0.390	1.286	1.437
1.280	0.477	0.648	3.000	0.159	0.159	0.390	1.266	1.415
1.300	0.469	0.638	3.000	0.156	0.156	0.390	1.246	1.393
1.320	0.462	0.629	3.000	0.154	0.154	0.390	1.228	1.372
1.340	0.455	0.619	3.000	0.152	0.152	0.390	1.209	1.352
1.360	0.449	0.610	3.000	0.150	0.150	0.390	1.191	1.332
1.380	0.442	0.601	3.000	0.147	0.147	0.390	1.174	1.312
1.400	0.436	0.593	3.000	0.145	0.145	0.390	1.157	1.294
1.420	0.430	0.585	3.000	0.143	0.143	0.390	1.141	1.276
1.440	0.424	0.576	3.000	0.141	0.141	0.390	1.125	1.258
1.460	0.418	0.568	3.000	0.139	0.139	0.390	1.110	1.241
1.480	0.412	0.561	3.000	0.137	0.137	0.390	1.095	1.224
1.500	0.407	0.553	3.000	0.136	0.136	0.390	1.080	1.207
1.520	0.401	0.546	3.000	0.134	0.134	0.390	1.066	1.192
1.540	0.396	0.539	3.000	0.132	0.132	0.390	1.052	1.176
1.560	0.392	0.532	3.000	0.131	0.131	0.390	1.041	1.161
1.580	0.392	0.525	3.000	0.131	0.131	0.390	1.041	1.146
1.600	0.392	0.519	3.000	0.131	0.131	0.390	1.041	1.132
1.620	0.392	0.512	3.000	0.131	0.131	0.390	1.041	1.118
1.640	0.392	0.506	3.000	0.131	0.131	0.390	1.041	1.104
1.660	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091
1.680	0.392	0.500	3.000	0.131	0.131	0.390	1.041	1.091

49

6.3 動力分析

警衛室(B 棟)、暫存區(C、D 棟)為地上一層，無超過 50 公尺或 15 層以上，依據耐震設計規範及解說第三章無須進行動力分析。

6.4 扭矩放大係數檢討

警衛室(B 棟)

意外扭矩放大係數計算													
+X向地震力作用並考慮5%意外偏心							-X向地震力作用並考慮5%意外偏心						
樓層名稱	POINT位移 δ (cm)		δ max	1.2 δ avg	$(\delta_{\max}/1.2\delta_{\text{avg}})^2$	放大係數 A_x	樓層名稱	POINT位移 δ (cm)		δ max	1.2 δ avg	$(\delta_{\max}/1.2\delta_{\text{avg}})^2$	放大係數 A_x
RF	1.04	1.04	1.04	1.25	0.69	1.00	RF	1.04	1.04	1.04	1.25	0.69	1.00
+Y向地震力作用並考慮5%意外偏心							-Y向地震力作用並考慮5%意外偏心						
樓層名稱	POINT位移 δ (cm)		δ max	1.2 δ avg	$(\delta_{\max}/1.2\delta_{\text{avg}})^2$	放大係數 A_x	樓層名稱	POINT位移 δ (cm)		δ max	1.2 δ avg	$(\delta_{\max}/1.2\delta_{\text{avg}})^2$	放大係數 A_x
RF	0.90	1.18	1.18	1.25	0.89	1.00	RF	1.19	0.90	1.19	1.25	0.90	1.00

暫存室(C 棟)

意外扭矩放大係數計算													
+X向地震力作用並考慮5%意外偏心							-X向地震力作用並考慮5%意外偏心						
樓層名稱	POINT位移 δ (cm)		δ max	1.2 δ avg	$(\delta_{\max}/1.2\delta_{\text{avg}})^2$	放大係數 A_x	樓層名稱	POINT位移 δ (cm)		δ max	1.2 δ avg	$(\delta_{\max}/1.2\delta_{\text{avg}})^2$	放大係數 A_x
RFL	1.53	1.66	1.66	1.92	0.75	1.00	RFL	1.66	1.53	1.66	1.92	0.75	1.00
+Y向地震力作用並考慮5%意外偏心							-Y向地震力作用並考慮5%意外偏心						
樓層名稱	POINT位移 δ (cm)		δ max	1.2 δ avg	$(\delta_{\max}/1.2\delta_{\text{avg}})^2$	放大係數 A_x	樓層名稱	POINT位移 δ (cm)		δ max	1.2 δ avg	$(\delta_{\max}/1.2\delta_{\text{avg}})^2$	放大係數 A_x
RFL	1.83	2.39	2.39	2.53	0.89	1.00	RFL	2.10	2.06	2.10	2.49	0.71	1.00

暫存室(D 棟)

意外扭矩放大係數計算													
+X向地震力作用並考慮5%意外偏心							-X向地震力作用並考慮5%意外偏心						
樓層名稱	POINT位移 δ (cm)		δ max	1.2 δ avg	$(\delta_{\max}/1.2\delta_{\text{avg}})^2$	放大係數 A_x	樓層名稱	POINT位移 δ (cm)		δ max	1.2 δ avg	$(\delta_{\max}/1.2\delta_{\text{avg}})^2$	放大係數 A_x
RFL	0.38	0.44	0.44	0.49	0.79	1.00	RFL	0.44	0.38	0.44	0.49	0.79	1.00
+Y向地震力作用並考慮5%意外偏心							-Y向地震力作用並考慮5%意外偏心						
樓層名稱	POINT位移 δ (cm)		δ max	1.2 δ avg	$(\delta_{\max}/1.2\delta_{\text{avg}})^2$	放大係數 A_x	樓層名稱	POINT位移 δ (cm)		δ max	1.2 δ avg	$(\delta_{\max}/1.2\delta_{\text{avg}})^2$	放大係數 A_x
RFL	0.32	0.35	0.35	0.40	0.76	1.00	RFL	0.35	0.32	0.35	0.40	0.76	1.00

6.5 層間位移角及碰撞距離檢討

警衛室(B 棟)

層間位移角及碰撞距離計算									
X向		工址最小設計水平橫力		V _X =		0.278		W	
		計算層間位移角地震力		V _{drift X} =		0.278		W	
		樓層位移調整比例		DX=V _{drift X} /V _X =		1.000			
		建築物間隔倍數		RX= 0.6 x 1.4 x a _y x R _a =		2.52			
		+X向地震力作用				-X向地震力作用			
樓層	樓高 H(cm)	設計地震力位移 δX(cm)	δX*DX (cm)	層間位移角 △δX*DX/H	碰撞距離 δX*RX(cm)	設計地震力位移 δX(cm)	δX*DX (cm)	層間位移角 △δX*DX/H	碰撞距離 δX*RX(cm)
RF	450	0.89	0.89	0.14%	2.23	0.92	0.92	0.15%	2.31
Y向		工址最小設計水平橫力		V _Y =		0.278		W	
		計算層間位移角地震力		V _{drift Y} =		0.278		W	
		樓層位移調整比例		DY=V _{drift Y} /V _Y =		1.000			
		建築物間隔倍數		RY= 0.6 x 1.4 x a _y x R _a =		2.52			
		+Y向地震力作用				-Y向地震力作用			
樓層	樓高 H(cm)	設計地震力位移 δY(cm)	δY*DY (cm)	層間位移角 △δY*DY/H	碰撞距離 δY*RY(cm)	設計地震力位移 δY(cm)	δY*DY (cm)	層間位移角 △δY*DY/H	碰撞距離 δY*RY(cm)
RF	450	0.90	0.90	0.15%	2.28	0.90	0.90	0.15%	2.27

方向	最大層間位移角	最大變位(cm)	碰撞距離(cm)
X向	1.49/1000 < 5/1000 OK!	0.92	2.31
Y向	1.46/1000 < 5/1000 OK!	0.90	2.28

暫存室(C 棟)

層間位移角及碰撞距離計算									
X向		工址最小設計水平橫力		V_X=		0.278		W	
		計算層間位移角地震力		V_drift X=		0.278		W	
		樓層位移調整比例		DX=V_drift_X/V_X=		1.000			
		建築物間隔倍數		RX= 0.6 x 1.4 x ay x Ra =		2.52			
		+X向地震力作用				-X向地震力作用			
樓層	樓高 H(cm)	設計地震力位移 δX(cm)	δX*DX (cm)	層間位移角 △δX*DX/H	碰撞距離 δX*RX(cm)	設計地震力位移 δX(cm)	δX*DX (cm)	層間位移角 △δX*DX/H	碰撞距離 δX*RX(cm)
RFL	388	1.53	1.53	0.04%	3.86	1.53	1.53	0.04%	3.86
Y向		工址最小設計水平橫力		V_Y=		0.278		W	
		計算層間位移角地震力		V_drift Y=		0.278		W	
		樓層位移調整比例		DY=V_drift_Y/V_Y=		1.000			
		建築物間隔倍數		RY= 0.6 x 1.4 x ay x Ra =		2.52			
		+Y向地震力作用				-Y向地震力作用			
樓層	樓高 H(cm)	設計地震力位移 δY(cm)	δY*DY (cm)	層間位移角 △δY*DY/H	碰撞距離 δY*RY(cm)	設計地震力位移 δY(cm)	δY*DY (cm)	層間位移角 △δY*DY/H	碰撞距離 δY*RY(cm)
RFL	388	1.83	1.83	0.05%	4.60	2.06	2.06	0.05%	5.18

方向	最大層間位移角	最大變位(cm)	碰撞距離(cm)
X向	0.4/1000 < 5/1000 OK!	1.53	3.86
Y向	0.53/1000 < 5/1000 OK!	2.06	5.18

暫存室(D 棟)

層間位移角及碰撞距離計算										
X向		工址最小設計水平橫力		V _X =		0.278				W
		計算層間位移角地震力		V _{drift X} =		0.278				W
		樓層位移調整比例		DX=V _{drift X} /V _X =		1.000				
		建築物間隔倍數		RX= 0.6 x 1.4 x a _y x R _a =		2.52				
		+X向地震力作用					-X向地震力作用			
樓層	樓高 H(cm)	設計地震力位移 δX(cm)	δX*DX (cm)	層間位移角 △δX*DX/H	碰撞距離 δX*RX(cm)	設計地震力位移 δX(cm)	δX*DX (cm)	層間位移角 △δX*DX/H	碰撞距離 δX*RX(cm)	
RFL	388	0.38	0.38	0.10%	0.96	0.38	0.38	0.10%	0.96	
Y向		工址最小設計水平橫力		V _Y =		0.278				W
		計算層間位移角地震力		V _{drift Y} =		0.278				W
		樓層位移調整比例		DY=V _{drift Y} /V _Y =		1.000				
		建築物間隔倍數		RY= 0.6 x 1.4 x a _y x R _a =		2.52				
		+Y向地震力作用					-Y向地震力作用			
樓層	樓高 H(cm)	設計地震力位移 δY(cm)	δY*DY (cm)	層間位移角 △δY*DY/H	碰撞距離 δY*RY(cm)	設計地震力位移 δY(cm)	δY*DY (cm)	層間位移角 △δY*DY/H	碰撞距離 δY*RY(cm)	
RFL	388	0.32	0.32	0.08%	0.81	0.32	0.32	0.08%	0.81	

方向	最大層間位移角	最大變位(cm)	碰撞距離(cm)
X向	0.99/1000 < 5/1000 OK!	0.38	0.96
Y向	0.83/1000 < 5/1000 OK!	0.32	0.81

柒、 風力分析

7.1 風力檢討

	X 向	Y 向
基本設計風速 $V_{10}(C)$ m/s	27.5	
用途係數 I	1.0	

警衛室(B 棟)

	X 向		Y 向	
累積層剪力 (tf)	1.6 倍風力	地震力	1.6 倍風力	地震力
	1.92	44.79	1.92	44.79

暫存區(C 棟)

	X 向		Y 向	
累積層剪力 (tf)	1.6 倍風力	地震力	1.6 倍風力	地震力
	1.568	15.42	2.5072	15.42

暫存區(D 棟)

	X 向		Y 向	
累積層剪力 (tf)	1.6 倍風力	地震力	1.6 倍風力	地震力
	1.6944	203	1.6944	226

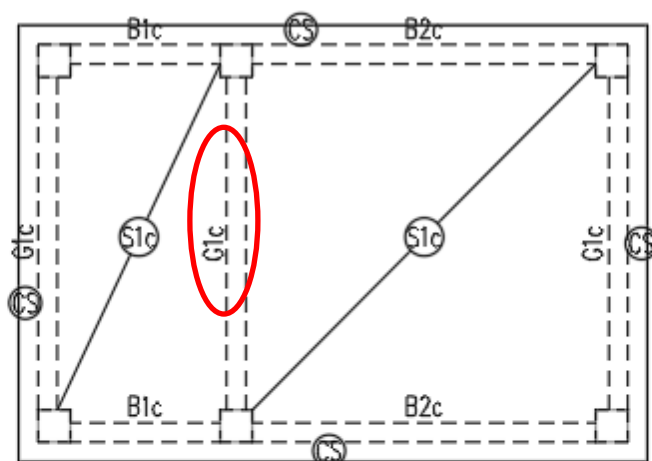
由上表可知 X 向及 Y 向地震力的累積層剪力均大於 1.6 倍風力的累積層剪力，故此案為地震力控制。

捌、 結構設計檢討

8.1 梁設計

8.1.1 RC 梁

取 C 棟 G1c(30x50cm)梁即分析模型柱 B2 為例：



C棟__暫存區屋頂層結構平面圖

scale: 1/100(A1)
scale: 1/200(A3)

ACI 318-08 Concrete Beam Design

Geometric Properties (Part 1 of 2)

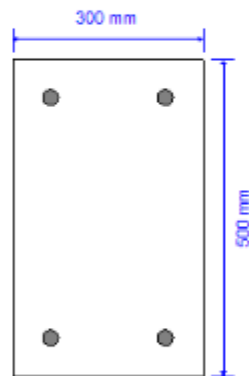
Beam Label	Section Property	Length	Section Width	Section Depth	Distance to Top Rebar Center
14	B30X50	6 m	300 mm	500 mm	60 mm

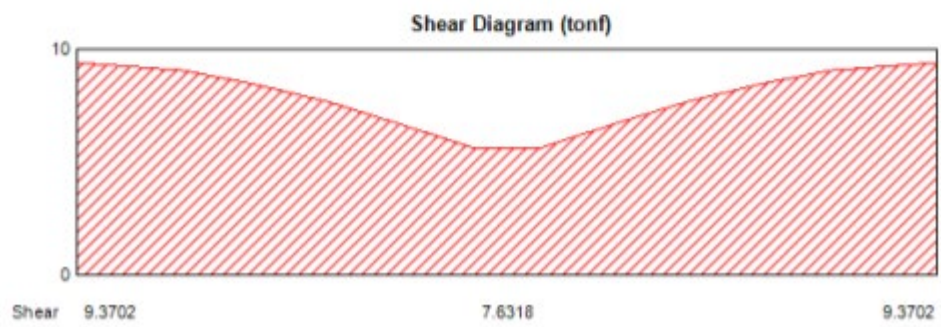
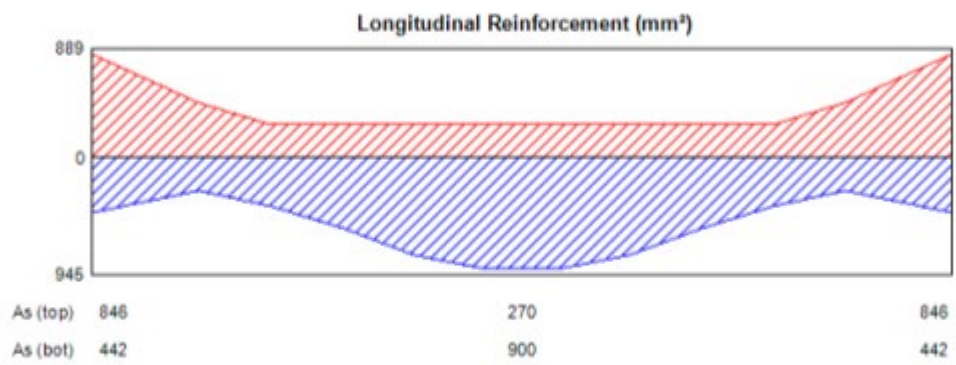
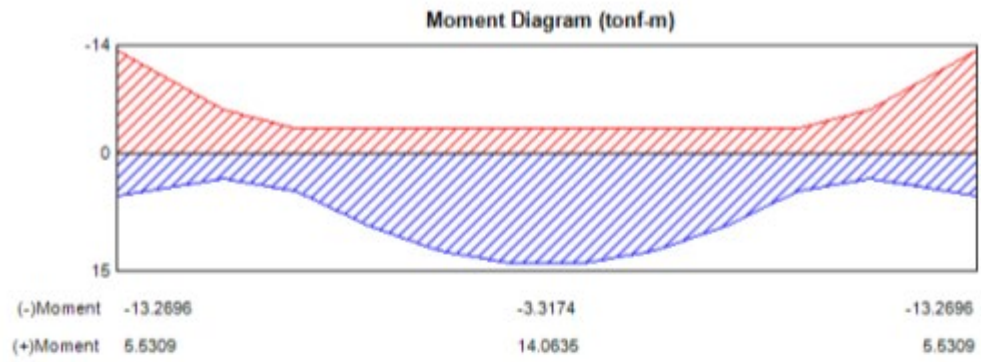
Geometric Properties (Part 2 of 2)

Distance to Bot Rebar Center
60 mm

Material Properties

Concrete Comp. Strength	Concrete Modulus	Longitudinal Rebar Yield	Shear Rebar Yield
2.8 kgf/mm ²	2007.98 kgf/mm ²	42 kgf/mm ²	42 kgf/mm ²





begin of beam = RFL B2

設計方法 = 採用【ETABS】配筋, ***設計成功:

參數組 = 【BEAM 梁-地上梁參數】

[設計參數] RFL B2

=====

fc'= 280

fy = 4200 Top#7 Bot#7

fys= 2800 Stirrup#4

fyv= 2800

fyl= 4200 Torsion#4

b = 30.0 Ao = 694.9 Acp= 1500.0

h = 50.0 Aoh= 817.5 Pcp= 160.0

d'= 6.6(定值) β_1 = 0.85

d = 43.4 Ph = 121.2

L = 600.0

Ln= 550.0

As.bal= 27.893

As.min= 4.340

Av= 2.534

■內力檔案 1-1 = C 棟.accdb

Combo Loads = 569 全部個數

Basic Loads = 15

Locations = 12

[12 斷面極值]:依據 ETABS 配筋 RFL B2

=====

Loc	Pos	Ast	Asb	Al
s	Avtt/s =	(Av/s +2x At/s)		

1	25	8.46 (	11-RC)	4.42 (	87-RC)	0.00
(	??)	999.99	0.099	0.099	0.000(219-RC Max)	
2	75	4.42 (	187-RC)	2.70 (	11-RC)	0.00
(	??)	999.99	0.095	0.095	0.000(219-RC Max)	
3	125	2.70 (	11-RC)	3.90 (	7-RC)	0.00

(		?-?)	999.99	0.089	0.089	0.000(219-RC Max)
4	175	2.70 (	11-RC)	5.78 (	7-RC)	0.00
(		?-?)	999.99	0.081	0.081	0.000(219-RC Max)
5	225	2.70 (	11-RC)	7.87 (	7-RC)	0.00
(		?-?)	999.99	0.071	0.071	0.000(219-RC Max)
6	275	2.70 (	11-RC)	9.00 (	7-RC)	0.00
(		?-?)	999.99	0.061	0.061	0.000(219-RC Max)
7	325	2.70 (	11-RC)	9.00 (	7-RC)	0.00
(		?-?)	999.99	0.061	0.061	0.000(219-RC Max)
8	375	2.70 (	11-RC)	7.87 (	7-RC)	0.00
(		?-?)	999.99	0.071	0.071	0.000(219-RC Max)
9	425	2.70 (	11-RC)	5.78 (	7-RC)	0.00
(		?-?)	999.99	0.081	0.081	0.000(219-RC Max)
10	475	2.70 (	11-RC)	3.90 (	7-RC)	0.00
(		?-?)	999.99	0.089	0.089	0.000(219-RC Max)
11	525	4.42 (	175-RC)	2.70 (	11-RC)	0.00
(		?-?)	999.99	0.095	0.095	0.000(219-RC Max)
12	575	8.46 (	11-RC)	4.42 (	75-RC)	0.00
(		?-?)	999.99	0.099	0.099	0.000(219-RC Max)

[3 斷面極值] RFL B2

=====

- 由 12 斷面極值擷取 3 斷面極值
- 計算中段範圍依據心長:上層 0.30~0.70, 下層 0.30~0.70
- 最少主筋量 4.34 cm²
- 梁之左上,中下,右上使用 4/3 分析鋼筋量
- 梁之左下,中上,右下使用 4/3 分析鋼筋量
- 中段下層主筋放大係數 1.00
- 大梁主筋量調整:
 - 端部梁頂主筋量 >= 梁底主筋量

-----Left-----	Middle-----	Right-----
Top As 8.46 (11-RC)	3.59 (11-RC)	8.46 (11-RC)
Bot As 5.78 (7-RC)	9.00 (7-RC)	5.78 (7-RC)
Min As 4.34	4.34	4.34

s	25.69 (?-?)	31.30 (?-?)	25.69 (?-?)
Avtt/s	0.099 (?-?)	0.081 (?-?)	0.099 (?-?)

(計算過程)

Avtt/s	0.099	0.081	0.099(配筋結果)
--------	-------	-------	-------------

Al 0.00

[3 斷面配筋數] RFL B2

=====

- 最多支數: 查表
- 最少支數: 外層 3 支, 中段上層 3 支, 中段下層 3 支內層 2 支
- 梁主筋最大層數: 2(頂層) 2(底層)
- 梁主筋支數進位: 0.050000 支
- 大梁主筋量調整 (以實配鋼筋面積計算):
 - CODE[401-112]18.3.3.2

■[3 斷面配筋資料(final)]

--Left---Middle---Right---

3- #7 3- #7 3- #7

0- #7 0- #7 0- #7

0- #7 0- #7 0- #7

3- #7 3- #7 3- #7

#4@10 #4@20 #4@10

0-#4 E.F.

[縱向扭力之計算過程](分析程式)

=====

- 計算縱向扭力筋與腹筋支數:
 - 單筋面積 #4, $as1 = 1.27 \text{ cm}^2$
 - 可配置深度= 梁深-(上版厚+下版厚)= $50-(15+ 0)= 35$
- step1. 依 CODE[401-112]9.7.2.3 檢核梁深度: 總梁深= $50 < 90.0$, 不需檢討

鋼筋最大間距

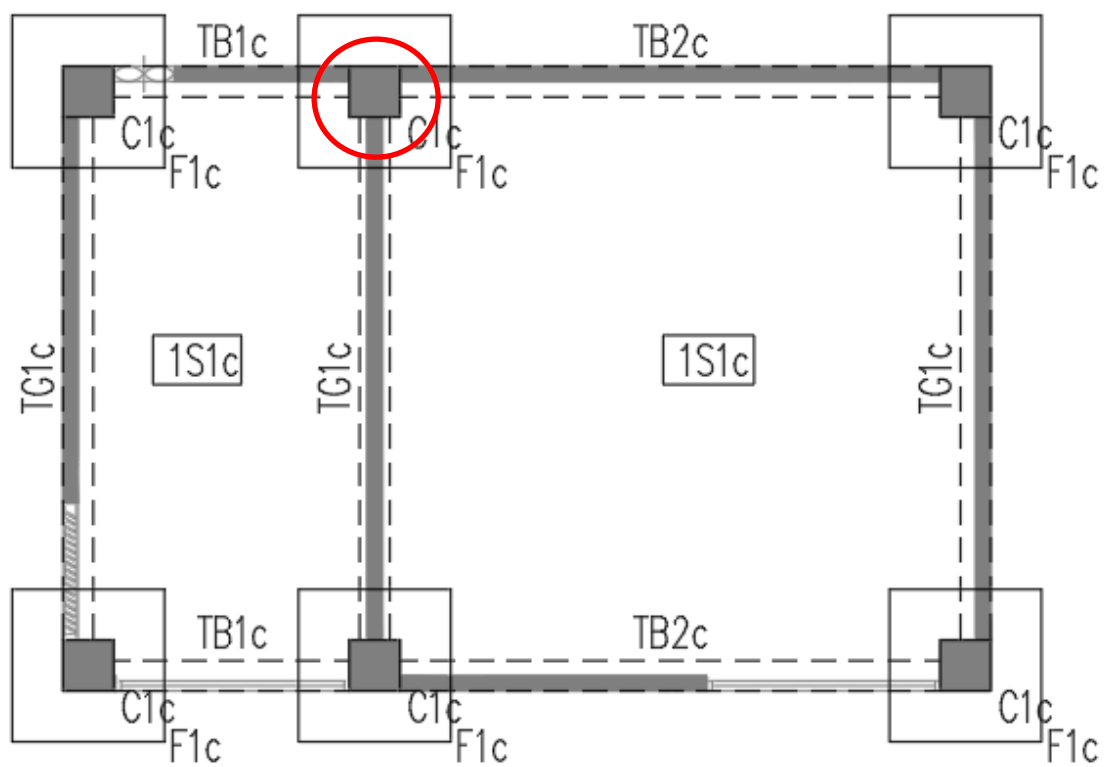
故配置= 0-#4 E.F

end of beam = RFL B2

8.2 柱設計

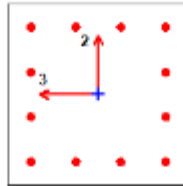
8.2.1 RC 柱

取 C1c(50x50cm)柱即分析模型柱 1FC3 為例：



ETABS Concrete Frame Design

ACI 318-08 Column Section Design



Column Element Details (Summary)

Level	Element	Unique Name	Section ID	Combo ID	Station Loc	Length (mm)	LLRF	Type
RFL	C4	10	C50X50	11-RC	3375	3875	0.856	Sway Special

Section Properties

b (mm)	h (mm)	dc (mm)	Cover (Torsion) (mm)
500	500	63.8	27.3

Material Properties

E _c (kgf/mm ²)	f' _c (kgf/mm ²)	Lt.Wt Factor (Unitless)	f _y (kgf/mm ²)	f _{yk} (kgf/mm ²)
2007.98	2.8	1	42	42

Design Code Parameters

Φ_T	Φ_{CTad}	$\Phi_{Cspiral}$	Φ_{Vns}	Φ_{Vs}	Φ_{Vnsr}
0.9	0.65	0.75	0.75	0.6	0.85

Axial Force and Biaxial Moment Design For P_u, M_{u2}, M_{u3}

Design P _u tonf	Design M _{u2} tonf-m	Design M _{u3} tonf-m	Minimum M ₂ tonf-m	Minimum M ₃ tonf-m	Rebar %	Capacity Ratio Unitless
27.607	-13.3474	5.9643	0.8348	0.8348	1.86	0.393

Axial Force and Biaxial Moment Factors

	C _{ns} Factor Unitless	δ_{ns} Factor Unitless	δ_s Factor Unitless	K Factor Unitless	Effective Length mm
Major Bend(M3)	0.346957	1	1	1	3375
Minor Bend(M2)	0.386203	1	1	1	3375

Shear Design for V_{u2}, V_{u3}

	Shear V _u tonf	Shear ΦV_u tonf	Shear ΦV_u tonf	Shear ΦV_u tonf	Rebar A _s /s mm ² /m
Major, V _{u2}	2.8852	15.6551	0	9.5034	0
Minor, V _{u3}	6.0686	15.6551	0	9.3696	0

設計規範: TBC-401-112

配筋方法: ETABS

樓層柱位: RFL C1,C4

=====

斷面: RECT C50X50 角度=0.00

fy=4200 fyh=4200 fc'=280 Len=388 Ln=338 b,h=50,50

鋼筋比 鋼筋量 SHEAR22 SHEAR33

計算值: 0.018581 46.45 0.0692 0.0682

實配值: 0.018581 46.45 0.3801 0.3801

主筋:(一端, 一邊, 總數) =(4, 4)= 46.45 12-#7

箍筋:(BC, 圍束, 中段) = (#4@10, #4@10, #4@10)

[剪力筋計算細節]:

=====

已知條件:

箍筋保護層 = cover = 4.0 cm

該樓層箍筋最大間距: (梁柱接頭區, 圍束區, 中央區)=(10, 10, 15)

依 18.4.5.3 算圍束區間距值 = 13 cm

依 18.4.5.5 全區間距上限值 = 13 cm

$A_g = b \times h = 50 \times 50 = 2500 \text{ cm}^2$

$A_{ch} = (b - \text{cover} \times 2) \times (h - \text{cover} \times 2) = (50 - 4.0 \times 2) \times (50 - 4.0 \times 2) = 1764.0 \text{ cm}^2$

圍束區箍筋最大間距: $s = 10 \text{ cm}$

依 18.4.5.5 修正 $s = \min(10, 13) = 10 \text{ cm}$

依 18.4.5.3 修正 $s = \min(10, 13) = 10 \text{ cm}$

已知間距 $s = 10 \text{ cm}$, 求兩向剪力筋面積 A_{sh}

[Y 向之剪力筋 A_{sh}]:

$h_c = 50.0 - (4.00 + 1.27 / 2) \times 2 = 40.73 \text{ cm}$

Ash 表 18.4.5.4(a) = $0.3 \times s \times h_c \times f_c / f_y h \times (A_g / A_{ch} - 1)$

= $0.3 \times 10.0 \times 40.73 \times 280 / 4200 \times (2500 / 1764 - 1) = 3.399$

Ash 表 18.4.5.4(b) = $0.09 \times s \times h_c \times f_c / f_y h = 0.09 \times 10.0 \times 40.73 \times 280 / 4200 = 2.444$

Ash 表 18.4.5.4(c): $P_u = 30037.0 < 0.3 \times A_g \times f_c = 0.3 \times 2500 \times 280 = 210000.0$, $f_c = 280 < 700$, 不檢討此項

Ash (Mpr) = --

Ash (需求量) = $0.068 \times 10 = 0.682$

Ash = max(Ash 表 18.4.5.4(a), Ash 表 18.4.5.4(b), Ash(需求量))

= max(3.399, 2.444, 0.682)
= 3.399

計算繫筋支數 = $3.39878 / 1.267 - 2 = 1$ 支

最大繫筋支數 = $4 - 2 = 2$ 支

實配繫筋支數 = max(計算支數, 跳設支數) = max(1, 1) = 1 支

主筋淨間距 = $10.19 \leq 15.00$ 不需改為全設繫筋

計算中段間距: 已知繫筋支數 = 1 支

$A_v/s = 0.06819$

Ash/s 表 18.4.5.4(a) = $0.3 \times 41 \times 280 / 4200 \times (2500 / 1764 - 1) = 0.33988$

Ash/s = max(A_v/s , Ash/s 表 18.4.5.4(a)) = max(0.068, 0.340) = 0.340

$s = A_{sh} / (A_{sh}/s) = 1.267 \times (2 + 1) / 0.33988 = 11.18 \dots(1)$

[X 向之剪力筋 A_{sh}]:

$h_c = 50.0 - (4.00 + 1.27 / 2) \times 2 = 40.73 \text{ cm}$

Ash 表 18.4.5.4(a) = $0.3 \times s \times h_c \times f_c / f_y h \times (A_g / A_{ch} - 1)$

$$= 0.3 * 10.0 * 40.73 * 280 / 4200 * (2500 / 1764 - 1) = 3.399$$

$$\text{Ash 表 18.4.5.4(b)} = 0.09 * s * hc * fc / fyh = 0.09 * 10.0 * 40.73 * 280 / 4200 = 2.444$$

$$\text{Ash 表 18.4.5.4(c): } Pu = 30037.0 < 0.3 * Ag * fc = 0.3 * 2500 * 280 = 210000.0, fc = 280 < 700, \text{ 不檢討此項}$$

$$\text{Ash (Mpr)} = --$$

$$\text{Ash (需求量)} = 0.069 * 10 = 0.692$$

$$\text{Ash} = \max(\text{Ash 表 18.4.5.4(a)}, \text{Ash 表 18.4.5.4(b)}, \text{Ash(需求量)})$$

$$= \max(3.399, 2.444, 0.692)$$

$$= 3.399$$

$$\text{計算繫筋支數} = 3.39878 / 1.267 - 2 = 1 \text{ 支}$$

$$\text{最大繫筋支數} = 4 - 2 = 2 \text{ 支}$$

$$\text{實配繫筋支數} = \max(\text{計算支數}, \text{跳設支數}) = \max(1, 1) = 1 \text{ 支}$$

$$\text{主筋淨間距} = 10.19 \leq 15.00 \text{ 不需改為全設繫筋}$$

$$\text{計算中段間距: 已知繫筋支數} = 1 \text{ 支}$$

$$Av/s = 0.06916$$

$$\text{Ash/s 表 18.4.5.4(a)} = 0.3 * 41 * 280 / 4200 * (2500 / 1764 - 1) = 0.33988$$

$$\text{Ash/s} = \max(Av/s, \text{Ash/s 表 18.4.5.4(a)}) = \max(0.069, 0.340) = 0.340$$

$$s = \text{Ash} / (\text{Ash/s}) = 1.267 * (2 + 1) / 0.33988 = 11.18 \dots(2)$$

[修正中段箍筋距]:

$$\text{比對雙向 (1), (2) 取小值 } s.Mid = \min(11.18, 11.18) = 11.18 \text{ cm}$$

$$\text{依表 18.4.5.4(b)修正 } s.Mid = \min(11, 13) = 11 \text{ cm}$$

$$\text{依 18.4.5.3 修正 } s.Mid = \min(11, 13) = 11 \text{ cm}$$

$$\text{依該樓層最大間距設定值修正 } s.Mid = \min(11, 15) = 11 \text{ cm}$$

全柱之配筋極值:	LONGITUDINAL	COMBO	SHEAR22	COMBO	SHEAR33
COMBO	46.452	74-RC	0.0692219-RC Max		0.0682219-RC Max
各斷面配筋極值:	LONGITUDINAL	COMBO	SHEAR22	COMBO	SHEAR33
COMBO	0.000	46.452	74-RC	0.0692219-RC Max	0.0682219-RC Max
	168.750	46.452	11-RC	0.0692219-RC Max	0.0682219-RC Max
	337.500	46.452	11-RC	0.0692219-RC Max	0.0682219-RC Max

8.3 板設計

雙向版設計(係數設計法)

樓層：

版編： S1b

(1) 資料輸入

D.L =	1.02 t/m ²	L.L =	0.5 t/m ²
W = 1.2D.L+1.6L.L =	2.02 t/m ²	$\phi =$	0.9
$f_c' =$	280 kg/cm ²	$f_y =$	4200 kg/cm ²
$\beta_1 =$	0.85	版寬b =	100 cm
版厚 t =	30 cm	保護層 =	3 cm
短向長 S =	600 cm	長向長 L =	600 cm

(2) 版筋配置

$$m = S/L = 1.00$$

α	-M 連續	-M 不連續	+M
短向	0.049	0.025	0.037
長向	0.049	0.025	0.037

$$M = \alpha W S^2$$

t-m			
彎矩	-M 連續	-M 不連續	+M
短向	3.57	1.82	2.70
長向	3.57	1.82	2.70

$$m = f_y / (0.85 f_c') = 17.65$$

$$\rho = \frac{1}{m} \left(1 - \sqrt{1 - \frac{2mRn}{f_y}} \right)$$

Rn	-M 連續	-M 不連續	+M
短向	5.44	2.78	4.11
長向	5.44	2.78	4.11

ρ	-M 連續	-M 不連續	+M
短向	0.00131	0.00066	0.00099
長向	0.00131	0.00066	0.00099

$$\rho_b = 0.85 \beta_1 f_c' / f_y [6120 / (6120 + f_y)] = 0.02856$$

$$\rho_{\max} = 0.75 \rho_b = 0.02142 \quad A_s \max = 57.84 \text{ cm}^2$$

$$\rho_{\min} = 0.00180 \quad A_s \min = 2.70 \text{ cm}^2$$

$$\text{鋼筋量 } A_s \text{ cm}^2/\text{m}$$

短向	-M 連續	$A_s = 3.54$	OK
	-M 不連續	$A_s = 1.80$	< $A_s \min$, 採 $A_s \min = 2.7$ 配筋
	+M	$A_s = 2.66$	< $A_s \min$, 採 $A_s \min = 2.7$ 配筋
長向	-M 連續	$A_s = 3.54$	OK
	-M 不連續	$A_s = 1.80$	< $A_s \min$, 採 $A_s \min = 2.7$ 配筋
	+M	$A_s = 2.66$	< $A_s \min$, 採 $A_s \min = 2.7$ 配筋

$$\text{版筋號數 \#} \quad 4 \quad A_s = 1.27 \text{ cm}^2$$

間距	-M 連續	-M 不連續	+M
短向	@ 35 cm	@ 47 cm	@ 47 cm
長向	@ 35 cm	@ 47 cm	@ 47 cm

雙向版設計(係數設計法)

樓層：

版編： S1c

(1) 資料輸入

$D.L = 0.78 \text{ t/m}^2$ $L.L = 0.5 \text{ t/m}^2$
 $W = 1.2D.L + 1.6L.L = 1.74 \text{ t/m}^2$ $\phi = 0.9$
 $f_c' = 280 \text{ kg/cm}^2$ $f_y = 4200 \text{ kg/cm}^2$
 $\beta_1 = 0.85$ 版寬 $b = 100 \text{ cm}$
 版厚 $t = 20 \text{ cm}$ 保護層 = 3 cm
 短向長 $S = 600 \text{ cm}$ 長向長 $L = 600 \text{ cm}$

(2) 版筋配置

$$m = S/L = 1.00$$

α	-M 連續	-M 不連續	+M
短向	0.049	0.025	0.037
長向	0.049	0.025	0.037

$$M = \alpha W S^2$$

	-M 連續	-M 不連續	+M
彎矩			
短向	3.06	1.56	2.31
長向	3.06	1.56	2.31

$$m = f_y / (0.85 f_c') = 17.65$$

$$\rho = \frac{1}{m} \left(1 - \sqrt{1 - \frac{2mRn}{f_y}} \right)$$

Rn	-M 連續	-M 不連續	+M
短向	11.77	6.01	8.89
長向	11.77	6.01	8.89

ρ	-M 連續	-M 不連續	+M
短向	0.00288	0.00145	0.00216
長向	0.00288	0.00145	0.00216

$$\rho_b = 0.85 \beta_1 f_c' / f_y [6120 / (6120 + f_y)] = 0.02856$$

$$\rho_{\max} = 0.75 \rho_b = 0.02142$$

$$A_s \max = 36.42 \text{ cm}^2$$

$$\rho_{\min} = 0.00180$$

$$A_s \min = 1.80 \text{ cm}^2$$

鋼筋量 A_s cm^2/m

短向	-M 連續	$A_s = 4.89$	OK
	-M 不連續	$A_s = 2.46$	OK
	+M	$A_s = 3.67$	OK
長向	-M 連續	$A_s = 4.89$	OK
	-M 不連續	$A_s = 2.46$	OK
	+M	$A_s = 3.67$	OK

版筋號數 # 4 $A_s = 1.27 \text{ cm}^2$

間距	-M 連續	-M 不連續	+M
短向	@ 25 cm	@ 51 cm	@ 34 cm
長向	@ 25 cm	@ 51 cm	@ 34 cm

雙向版設計(係數設計法)

樓層：

版編： S1d

(1) 資料輸入

D.L =	0.78 t/m ²	L.L =	0.5 t/m ²
W = 1.2D.L+1.6L.L =	1.74 t/m ²	$\phi =$	0.9
$f_c' =$	280 kg/cm ²	$f_y =$	4200 kg/cm ²
$\beta_1 =$	0.85	版寬b =	100 cm
版厚 t =	20 cm	保護層 =	3 cm
短向長 S =	600 cm	長向長 L =	600 cm

(2) 版筋配置

$$m = S/L = 1.00$$

α	-M 連續	-M 不連續	+M
短向	0.049	0.025	0.037
長向	0.049	0.025	0.037

$$M = \alpha W S^2 \quad t-m$$

彎矩	-M 連續	-M 不連續	+M
短向	3.06	1.56	2.31
長向	3.06	1.56	2.31

$$m = f_y / (0.85 f_c') = 17.65$$

$$\rho = \frac{1}{m} \left(1 - \sqrt{1 - \frac{2mRn}{f_y}} \right)$$

Rn	-M 連續	-M 不連續	+M
短向	11.77	6.01	8.89
長向	11.77	6.01	8.89

ρ	-M 連續	-M 不連續	+M
短向	0.00288	0.00145	0.00216
長向	0.00288	0.00145	0.00216

$$\rho_b = 0.85 \beta_1 f_c' / f_y [6120 / (6120 + f_y)] = 0.02856$$

$$\rho_{\max} = 0.75 \rho_b = 0.02142 \quad A_s \max = 36.42 \text{ cm}^2$$

$$\rho_{\min} = 0.00180 \quad A_s \min = 1.80 \text{ cm}^2$$

鋼筋量 A_s cm²/m

短向	-M 連續	$A_s =$ 4.89	OK
	-M 不連續	$A_s =$ 2.46	OK
	+M	$A_s =$ 3.67	OK
長向	-M 連續	$A_s =$ 4.89	OK
	-M 不連續	$A_s =$ 2.46	OK
	+M	$A_s =$ 3.67	OK

版筋號數 # 4 $A_s = 1.27 \text{ cm}^2$

間距	-M 連續	-M 不連續	+M
短向	@ 25 cm	@ 51 cm	@ 34 cm
長向	@ 25 cm	@ 51 cm	@ 34 cm

玖、 軟層及弱層檢討

警衛室(B 棟)、暫存區(C、D 棟)為地上一層之建築物外牆連續、無軟弱層現象。

壹拾、 其他特殊檢討

11.1 輸入報表

警衛室(B棟)

A
11月4日 2024
ETABS v19.1.0
License #20091K5X1MWS22TMMV

Table: Frame Section Property Definitions - Summary, Part 1 of 4

Table: Frame Section Property Definitions - Summary, Part 1 of 4									
Name	Material	Shape	Color	Area	I	I2	I3	I4	Area
Unless	Unless	Unless	Unless	cm ²	cm ⁴	cm ⁴	cm ⁴	cm ⁴	cm ²
B30x36	CONCR0	Concrete Rectangular	Green	1500	281737.1	312500	112500	1250	
B50x60	CONCR0	Concrete Rectangular	Yellow	1500	281737.1	312500	112500	1250	
C30x30	CONCR0	Concrete Rectangular	Cyan	1500	281737.1	112500	312500	1250	
C50x30	CONCR0	Concrete Rectangular	Red	1500	281737.1	312500	112500	1250	
C50x50	CONCR0	Concrete Rectangular	Blue	2500	880206.3	520833.3	520833.3	2083.3	
FB30x235	CONCR0	Concrete Rectangular	Magenta	6150	1674906.5	21537812.5	481250	5125	

Table: Frame Section Property Definitions - Summary, Part 2 of 4

Table: Frame Section Property Definitions - Summary, Part 2 of 4									
Name	Area	S33Phe	S33Reg	S22Phe	S22Reg	Z33	Z22	R33	R22
Unless	cm ²	cm ³	cm ³	cm ³	cm ³	cm ³	cm ³	cm ³	cm ³
B30x36	1250	12500	12500	7500	7500	18750	11250	14.434	
B50x60	1250	12500	12500	7500	7500	18750	11250	14.434	
C30x30	1250	7500	7500	12500	12500	11250	18750	8.86	
C50x30	1250	12500	12500	7500	7500	18750	11250	14.434	
C50x50	2083.3	20833.3	20833.3	20833.3	20833.3	31250	31250	14.434	
FB30x235	6125	210125	210125	30750	30750	315187.5	48125	58.178	

Table: Frame Section Property Definitions - Summary, Part 3 of 4

Table: Frame Section Property Definitions - Summary, Part 3 of 4									
Name	R22	CG Offset 3	CG Offset 2	PHI Offset 3	PHI Offset 2	Area Modifier	Area Modifier	Area Modifier	Area Modifier
Unless	cm	cm	cm	cm	cm	Unless	Unless	Unless	Unless
B30x36	9.86	0	0	0	0	1	1	1	1
B50x60	9.86	0	0	0	0	1	1	1	1
C30x30	14.434	0	0	0	0	1	1	1	1
C50x30	8.86	0	0	0	0	1	1	1	1
C50x50	14.434	0	0	0	0	1	1	1	1
FB30x235	9.86	0	0	0	0	1	1	1	1

Table: Frame Section Property Definitions - Summary, Part 4 of 4

Table: Frame Section Property Definitions - Summary, Part 4 of 4									
Name	J Modifier	I3 Modifier	I2 Modifier	Mass Modifier	Weight Modifier	Mass Modifier	Weight Modifier	Mass Modifier	Weight Modifier
Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless
B30x36	1	1	1	1	1	1	1	1	1
B50x60	1	1	1	1	1	1	1	1	1
C30x30	1	1	1	1	1	1	1	1	1
C50x30	1	1	1	1	1	1	1	1	1
C50x50	1	1	1	1	1	1	1	1	1
FB30x235	1	1	1	1	1	1	1	1	1

Page 1 of 58

A
11月4日 2024
ETABS v19.1.0
License #20091K5X1MWS22TMMV

Table: Load Case Definitions - Linear Static, Part 1 of 2

Table: Load Case Definitions - Linear Static, Part 1 of 2									
Name	Exclude Group	Mass Source	Stiffness Type	Load Type	Load Name	Load SF	Design Type	GIID	Notes
Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless
DL	None	MSrc1	F-Defa	Load	DL	1	Program Determined	6004227c-15 94365a9c3 56a0003021 e5	
EQX1	None	MSrc1	F-Defa	Load	EQX1	1	Program Determined	0a5375ea-5c 094467-200 7a6245303 01	
EQX2	None	MSrc1	F-Defa	Load	EQX2	1	Program Determined	0a5375ea-5c 094467-200 7a6245303 01	
EQY1	None	MSrc1	F-Defa	Load	EQY1	1	Program Determined	250446d0-6d 774501-0001 64bedd1c1 2	
EQY2	None	MSrc1	F-Defa	Load	EQY2	1	Program Determined	0a5375ea-5c 094467-200 7a6245303 01	
L1	None	MSrc1	F-Defa	Load	L1	1	Program Determined	9a5d902c-08 14465d01- 0a00a495b 8	
L2	None	MSrc1	F-Defa	Load	L2	1	Program Determined	7375b7-0a- 3450a-0a0- 0c00a07ae 5	
L3	None	MSrc1	F-Defa	Load	L3	1	Program Determined	c2414955ea 8390a5761 9	
LR	None	MSrc1	F-Defa	Load	LR	1	Program Determined	0a5375ea-5c 094467-200 7a6245303 01	
WX1	None	MSrc1	F-Defa	Load	WX1	1	Program Determined	0a5375ea-5c 094467-200 7a6245303 01	
WX2	None	MSrc1	F-Defa	Load	WX2	1	Program Determined	0a5375ea-5c 094467-200 7a6245303 01	
WY1	None	MSrc1	F-Defa	Load	WY1	1	Program Determined	0a5375ea-5c 094467-200 7a6245303 01	
WY2	None	MSrc1	F-Defa	Load	WY2	1	Program Determined	0a5375ea-5c 094467-200 7a6245303 01	

Page 2 of 58

A
11月4日 2024
ETABS v19.1.0
License #20091K5X1MWS22TMMV

Table: Load Case Definitions - Linear Static, Part 2 of 2

Table: Load Case Definitions - Linear Static, Part 2 of 2									
Name	Design Type	Notes	Unless	Unless	Unless	Unless	Unless	Unless	Unless
DL	Program Determined								
EQX1	Program Determined								
EQX2	Program Determined								
EQY1	Program Determined								
EQY2	Program Determined								
L1	Program Determined								
L2	Program Determined								
L3	Program Determined								
LR	Program Determined								
WX1	Program Determined								
WX2	Program Determined								
WY1	Program Determined								
WY2	Program Determined								

Table: Load Combination Definitions

Table: Load Combination Definitions									
Name	Type	Is Auto	Load Name	SI	GIID	Notes	Unless	Unless	Unless
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless	Unless	Unless	Unless
1D	Linear Add	No	DL	1	0a5375ea-5c 094467-200 7a6245303 01				
1L	Linear Add	No	L1	1	195707-c32a 8-4a0c-0b5-4 2b7dee934				
1L	Linear Add	No	L2	1					
1L	Linear Add	No	L3	1					
1LR	Linear Add	No	DL	14	0a5375ea-5c 094467-200 7a6245303 01				
1SS	Linear Add	No	DL	14	0a5375ea-5c 094467-200 7a6245303 01				
2RC	Linear Add	No	DL	12	4807b274-71 a7-4e40-8a80 -360710c0c 10				
2RC	Linear Add	No	L1	16					
2RC	Linear Add	No	L2	16					

Page 3 of 58

A
11月4日 2024
ETABS v19.1.0
License #20091K5X1MWS22TMMV

Table: Load Combination Definitions

Table: Load Combination Definitions									
Name	Type	Is Auto	Load Name	SI	GIID	Notes	Unless	Unless	Unless
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless	Unless	Unless	Unless
2RC	Linear Add	No	L3	1.6					
2RC	Linear Add	No	DL	1.2	0a5375ea-5c 094467-200 7a6245303 01				
2SS	Linear Add	No	L1	1.6					
2SS	Linear Add	No	L2	1.6					
2SS	Linear Add	No	L3	1.6					
2SS	Linear Add	No	DL	0.5					
3RC	Linear Add	No	DL	1.2	0a5375ea-5c 094467-200 7a6245303 01				
3RC	Linear Add	No	L2	1.6					
3RC	Linear Add	No	LR	0.5					
3SS	Linear Add	No	DL	1.2	0a5375ea-5c 094467-200 7a6245303 01				
3SS	Linear Add	No	L2	1.6					
3SS	Linear Add	No	LR	0.5					
4RC	Linear Add	No	DL	1.2	0a5375ea-5c 094467-200 7a6245303 01				
4RC	Linear Add	No	L3	1.6					
4RC	Linear Add	No	LR	0.5					
4SS	Linear Add	No	DL	1.2	0a5375ea-5c 094467-200 7a6245303 01				
4SS	Linear Add	No	L3	1.6					
4SS	Linear Add	No	LR	0.5					
5RC	Linear Add	No	DL	1.2	0a5375ea-5c 094467-200 7a6245303 01				
5RC	Linear Add	No	L1	1					
5RC	Linear Add	No	L2	0.5					
5RC	Linear Add	No	L3	1					
5RC	Linear Add	No	LR	1.6					
5SS	Linear Add	No	DL	1.2	0a5375ea-5c 094467-200 7a6245303 01				
5SS	Linear Add	No	L1	1					
5SS	Linear Add	No	L2	0.5					
5SS	Linear Add	No	L3	1					
5SS	Linear Add	No	LR	1.6					
6RC	Linear Add	No	DL	1.2	0a5375ea-5c 094467-200 7a6245303 01				
6RC	Linear Add	No	L2	0.5					
6RC	Linear Add	No	LR	1.6					
6SS	Linear Add	No	DL	1.2	0a5375ea-5c 094467-200 7a6245303 01				
6SS	Linear Add	No	L2	0.5					

Page 4 of 58

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
6-SS	Linear Add	No	LR	1.0		
7-RC			DL	1.2	b1bb1de15-59d 8-4028-875a- 5e6c3e0009d 8	
7-RC			L3	0.5		
7-RC	Linear Add	No	LR	1.0		
7-SS			DL	1.2	e964265-45a 4-41a3a0d0- 6d07726e69 e	
7-SS			L3	0.5		
7-SS	Linear Add	No	LR	1.0		
8-RC			DL	1.2	978b398-4b2 2-4218-40c7- 9c01999ab19 c	
8-RC			LR	1.0		
8-RC	Linear Add	No	WX1	0.8		
8-SS			DL	1.2	9775399c-4d 21-4e35-905c -42e9a4636 6f	
8-SS			LR	1.0		
8-SS	Linear Add	No	WX1	0.8		
9-RC			DL	1.2	7d1a0a0b-3d 8a-4b7b-918e -8996a0c07e	
9-RC			LR	1.0		
9-RC	Linear Add	No	WX1	0.8		
9-SS			DL	1.2	7ee4e0d1-57e 9-4439-84d5- 88959a0c0b 9	
9-SS			LR	1.0		
9-SS	Linear Add	No	WX1	0.8		
10-RC			DL	1.2	a9a93757-653 7-460d-a0ea- 3a01c2520b 7	
10-RC			LR	1.0		
10-RC	Linear Add	No	WX2	0.8		
10-SS			DL	1.2	3909891-a4 e5-4f66-3204 -8e725ee3e1 08	
10-SS			LR	1.0		
10-SS	Linear Add	No	WX2	0.8		
11-RC			DL	1.2	4b282b0d-a3 95-480d-9591 -43e027e2bbf c	
11-RC			LR	1.0		
11-RC	Linear Add	No	WX2	0.8		
11-SS			DL	1.2	2349194a-09 8d-4417-b18b -900bc129c3 e	
11-SS			LR	1.0		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
11-SS	Linear Add	No	WX2	0.8		
12-RC			DL	1.2	55674a9-19f 2-4028-910c- 1c3269e457 6	
12-RC			L1	1		
12-RC	Linear Add	No	L2	0.5		
12-RC			L3	1		
12-RC			LR	0.5		
12-RC	Linear Add	No	WX1	1.0		
12-SS			DL	1.2	b073674-1ef c-422e-a070-4 41c0c35a85	
12-SS			L1	1		
12-SS	Linear Add	No	L2	0.5		
12-SS			L3	1		
12-SS			LR	0.5		
12-SS	Linear Add	No	WX1	1.0		
13-RC			DL	1.2	2c0ab0a2-12 8b-4746-a67 -8c3a07c0c3 16	
13-RC			L1	1		
13-RC	Linear Add	No	L2	0.5		
13-RC			L3	1		
13-RC			LR	0.5		
13-RC	Linear Add	No	WX1	1.0		
13-SS			DL	1.2	8ac940b-49e 9-409a-807- b57a546ab7 c	
13-SS			L1	1		
13-SS	Linear Add	No	L2	0.5		
13-SS			L3	1		
13-SS			LR	0.5		
13-SS	Linear Add	No	WX1	1.0		
14-RC			DL	1.2	c7624679-b7 c3-4471-420d -1202e28c8c f	
14-RC			L1	1		
14-RC	Linear Add	No	L2	0.5		
14-RC			L3	1		
14-RC			LR	0.5		
14-RC	Linear Add	No	WX2	1.0		
14-SS			DL	1.2	105974d-e2d a-439a-5c1c- 760c3302ea	
14-SS			L1	1		
14-SS	Linear Add	No	L2	0.5		
14-SS			L3	1		
14-SS			LR	0.5		
14-SS	Linear Add	No	WX2	1.0		
15-RC			DL	1.2	2618ad3-9a 62-4391-998f -777c0d484 e0	
15-RC			L1	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
15-RC	Linear Add	No	L2	0.5		
15-RC			L3	1		
15-RC			LR	0.5		
15-RC			WX2	1.0		
15-SS			DL	1.2	c085c0fc-a97 7-4001-820e- b4a8a951c9 3	
15-SS	Linear Add	No	L1	1		
15-SS			L2	0.5		
15-SS			L3	1		
15-SS			LR	0.5		
15-SS			WX2	1.0		
16-RC	Linear Add	No	DL	1.2	42867c3-928 0-45c0-b73e- 903a8a9700 6	
16-RC			L2	0.5		
16-RC			LR	0.5		
16-RC			WX1	1.0		
16-SS			DL	1.2	04ab71a-84e 5-4b7c-3a01- cac97c0b1e1 6	
16-SS	Linear Add	No	L2	0.5		
16-SS			LR	0.5		
16-SS			WX1	1.0		
17-RC			DL	1.2	a7fc6840-56d 6-4bc9-856e- c8e4a9c03a 5	
17-RC			L2	0.5		
17-RC	Linear Add	No	LR	0.5		
17-RC			WX1	1.0		
17-SS			DL	1.2	d1f0e19-2c5 2-4499-8e10- c53bca704bc	
17-SS			L2	0.5		
17-SS			LR	0.5		
17-SS	Linear Add	No	WX1	1.0		
18-RC			DL	1.2	6b39c4a-0c3 4c-4911-9078 -8a4e85859e 7	
18-RC			L2	0.5		
18-RC			WX2	1.0		
18-SS			DL	1.2	753a7206-c2 a5-4a07-910d -99409aead8 14	
18-SS	Linear Add	No	L2	0.5		
18-SS			LR	0.5		
18-SS			WX2	1.0		
19-RC			DL	1.2	d1f0e12-e5 cc-490b-b363 -75a15067ca 4	
19-RC			LR	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
19-RC	Linear Add	No	L2	0.5		
19-RC			L3	0.5		
19-RC			WX2	1.0		
19-SS			DL	1.2	c04aeff1-c12 a-4401-0708-1 be9f1c0ead3	
19-SS			L2	0.5		
19-SS	Linear Add	No	LR	0.5		
19-SS			WX2	1.0		
20-RC			DL	1.2	435980a-39a 9-484e-8bd0- 3780121418 d	
20-RC			L3	0.5		
20-RC	Linear Add	No	LR	0.5		
20-RC			WX1	1.0		
20-SS			DL	1.2	5950f4c-80a 4-7277-8a0b-1 890412a1c2	
20-SS			L3	0.5		
20-SS	Linear Add	No	LR	0.5		
21-RC			WX1	1.0		
21-RC			DL	1.2	94ab078a-07 b0-4c2c-4b39 -c029e6a042 3a	
21-RC			L3	0.5		
21-RC	Linear Add	No	LR	0.5		
21-RC			WX1	1.0		
21-SS			DL	1.2	6a617402-9e9 409a-b333-7 c0e50ac025	
21-SS			L3	0.5		
21-SS	Linear Add	No	LR	0.5		
21-SS			WX1	1.0		
22-RC			DL	1.2	5720aee1-7f3 8-42ae-b09b- 90ba0a4a1e e	
22-RC			L3	0.5		
22-RC	Linear Add	No	LR	0.5		
22-RC			WX2	1.0		
22-RC			DL	1.2	c0ff754d-916 6-4c2b-8010- 6ae5770f8a 7	
22-SS			L3	0.5		
22-SS	Linear Add	No	LR	0.5		
22-SS			WX2	1.0		
23-RC			DL	1.2	1f9a3b7-809 4045-8440-0 02179a10c3	
23-RC			L3	0.5		
23-RC	Linear Add	No	LR	0.5		
23-RC			WX2	1.0		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
23-SS	Linear Add	No	DL	1.2	4dc9a07-507 7474e456b- 39c383a8b8 c	
23-SS			L3	0.5		
23-SS			LR	0.5		
23-SS			WV2	1.6		
24-RC	Linear Add	No	DL	1.2	73ba401e-ab 03-42b4d5- 2526a431fa2	
24-RC			L1	1		
24-RC			L2	0.5		
24-RC			L3	1		
24-RC			EQX1	1		
24-RC			EZ	0.3		
24-SS	Linear Add	No	DL	1.2	e0001357-d4 03-4225-9688 -2ba45c0161 4	
24-SS			L1	1		
24-SS			L2	0.5		
24-SS			L3	1		
24-SS			EQX1	1		
24-SS			EZ	0.3		
25-RC	Linear Add	No	DL	1.2	94a28f8-d5d d48d03a07- a8b1437ea09 f	
25-RC			L1	1		
25-RC			L2	0.5		
25-RC			L3	1		
25-RC			EQX2	1		
25-RC			EZ	0.3		
25-SS	Linear Add	No	DL	1.2	49cd7508-8d e5-458a3222 -c40baac280 4d	
25-SS			L1	1		
25-SS			L2	0.5		
25-SS			L3	1		
25-SS			EQX2	1		
25-SS			EZ	0.3		
26-RC	Linear Add	No	DL	1.2	b700303-22d 2-4859-a320- fbd7232153	
26-RC			L1	1		
26-RC			L2	0.5		
26-RC			L3	1		
26-RC			EQY1	1		
26-RC			EZ	0.3		
26-SS	Linear Add	No	DL	1.2	962a5a5-b7 85-4731-a086 -72a26d947b 9	
26-SS			L1	1		
26-SS			L2	0.5		
26-SS			L3	1		
26-SS			EQY1	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
26-SS			EZ	0.3		
27-RC	Linear Add	No	DL	1.2	321412af-0d c3-4ab7-30a3 -4b1c3e6-27 72	
27-RC			L1	1		
27-RC			L2	0.5		
27-RC			L3	1		
27-RC			EQY2	1		
27-RC			EZ	0.3		
27-SS	Linear Add	No	DL	1.2	8ea835c0-ca 69-4b7b-4b38 -256248c688 4	
27-SS			L1	1		
27-SS			L2	0.5		
27-SS			L3	1		
27-SS			EQY2	1		
27-SS			EZ	0.3		
28-RC	Linear Add	No	DL	1.2	3a238eda-e9 60-47aa-85a1 -ac7245b4565 2	
28-RC			L1	1		
28-RC			L2	0.5		
28-RC			L3	1		
28-RC			EZ	0.3		
28-RC			DX	1		
28-SS	Linear Add	No	DL	1.2	6c485f8e-ca e9-4bab-b7d3 -8a6ae0797 c3	
28-SS			L1	1		
28-SS			L2	0.5		
28-SS			L3	1		
28-SS			EZ	0.3		
28-SS			DX	1		
29-RC	Linear Add	No	DL	1.2	2c10bf69-261 4-4a57-a703- 70b2846371 2	
29-RC			L1	1		
29-RC			L2	0.5		
29-RC			L3	1		
29-RC			EZ	0.3		
29-RC			DX	1		
29-SS	Linear Add	No	DL	1.2	dbd5995-d8 9-4140-bccc- 2c55b07901 5	
29-SS			L1	1		
29-SS			L2	0.5		
29-SS			L3	1		
29-SS			EZ	0.3		
29-SS			DX	1		
30-RC	Linear Add	No	DL	1.2	c779d8b-486 4-4018-add7- 1879b3a3571	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
30-RC			L1	1		
30-RC			L2	0.5		
30-RC			L3	1		
30-RC			EQX1	1		
30-RC			EZ	-0.3		
30-SS	Linear Add	No	DL	1.2	399d9a21b4d 0-4671801-a- 3ee10138623 7	
30-SS			L1	1		
30-SS			L2	0.5		
30-SS			L3	1		
30-SS			EQX1	1		
30-SS			EZ	-0.3		
31-RC	Linear Add	No	DL	1.2	2b33aeb-107 9-47423055- db4a53a4656 9	
31-RC			L1	1		
31-RC			L2	0.5		
31-RC			L3	1		
31-RC			EQX2	1		
31-RC			EZ	-0.3		
31-SS	Linear Add	No	DL	1.2	83e1c85-252 0-4b71-3403- 5695979c7fa	
31-SS			L1	1		
31-SS			L2	0.5		
31-SS			L3	1		
31-SS			EQX2	1		
31-SS			EZ	-0.3		
32-RC	Linear Add	No	DL	1.2	e935449e-ae d0-476b-2e17 -c22c-a369 8a	
32-RC			L1	1		
32-RC			L2	0.5		
32-RC			L3	1		
32-RC			EQY1	1		
32-RC			EZ	-0.3		
32-SS	Linear Add	No	DL	1.2	f526c3a-ea0 e-437e-58d0- d53261439e 0	
32-SS			L1	1		
32-SS			L2	0.5		
32-SS			L3	1		
32-SS			EQY1	1		
32-SS			EZ	-0.3		
33-RC	Linear Add	No	DL	1.2	30434239-05 08-4a543abed -34cad9f6a32 f	
33-RC			L1	1		
33-RC			L2	0.5		
33-RC			L3	1		
33-RC			EQY2	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
33-RC	Linear Add	No	DL	-0.3		
33-SS			EZ	1.2	1c5dec59-447 3-4ab7-ae7b- 858563a324 e	
33-SS			L1	1		
33-SS			L2	0.5		
33-SS			L3	1		
33-SS			EQY2	1		
34-RC	Linear Add	No	DL	1.2	b76cae7-7ae 7-454e-037b- c8f6a01b27 7	
34-RC			L1	1		
34-RC			L2	0.5		
34-RC			L3	1		
34-RC			DX	1		
34-SS	Linear Add	No	DL	1.2	db371d8b-8d 7e-54c4ae54- 690ae7fa75	
34-SS			L1	1		
34-SS			L2	0.5		
34-SS			L3	1		
34-SS			EZ	-0.3		
35-RC	Linear Add	No	DL	1.2	4e8c5a5-a3 d64294-887b -d01ae3873 1c	
35-RC			L1	1		
35-RC			L2	0.5		
35-RC			L3	1		
35-RC			EZ	-0.3		
35-SS	Linear Add	No	DL	1.2	s47c5dfe-240 2-42122073- f8b01375a65	
35-SS			L1	1		
35-SS			L2	0.5		
35-SS			L3	1		
35-SS			EZ	-0.3		
35-SS			DX	1		
36-RC	Linear Add	No	DL	1.2	525dce6-55a 14224.955.0 a2032a2c01	
36-RC			L1	1		
36-RC			L2	0.5		
36-RC			L3	1		
36-RC			EQX1	-1		
36-RC			EZ	0.3		
36-SS	Linear Add	No	DL	1.2	057dd033ab 31-4499-1926 -8bae2e03a30 9	
36-SS			L1	1		
36-SS			L2	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
36-SS	Linear Add	No	L1	1		
36-SS			EQX1	-1		
36-SS			EZ	0.3	c474439e-35 d7-4402-a369 -5c24a60ddbe 8	
37-RC	Linear Add	No	L1	1		
37-RC			L2	0.5		
37-RC			L3	1		
37-RC			EQX2	-1		
37-RC			EZ	0.3		
37-SS			DL	1.2	7d37795-cce 2-4a07-9699- dcl4c13a0dc 9	
37-SS			L1	1		
37-SS			L2	0.5		
37-SS			L3	1		
37-SS			EQX2	-1		
38-RC	Linear Add	No	DL	1.2	9a51c7c9-4a e241ca-828 570a0719a2c 8	
38-RC			L1	1		
38-RC			L2	0.5		
38-RC			L3	1		
38-RC			EQY1	-1		
38-RC			EZ	0.3		
38-SS			DL	1.2	8028ae77-b4 ee4594-8280 -d97a6a3942 9a	
38-SS			L1	1		
38-SS			L2	0.5		
38-SS			L3	1		
38-SS	Linear Add	No	EQY1	-1		
38-SS			EZ	0.3		
39-RC			DL	1.2	4a92731-1930 e4a4a7-8176 -db0ee95c55 8	
39-RC			L1	1		
39-RC			L2	0.5		
39-RC			L3	1		
39-RC			EQY2	-1		
39-RC			EZ	0.3		
39-SS			DL	1.2	0f0530ea-3c8 a-4427-8541- 0194b408371	
39-SS			L1	1		
39-SS	Linear Add	No	L2	0.5		
39-SS			L3	1		
39-SS			EQY2	-1		
39-SS			EZ	0.3		
39-SS						
39-SS						

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
40-RC	Linear Add	No	DL	1.2	015c3404-72 54-4b7b-ade9 -70527e9857 4e	
40-RC			L1	1		
40-RC			L2	0.5		
40-RC			L3	1		
40-RC			EZ	0.3		
40-RC			DX	-1		
40-SS			DL	1.2	db7d9291-98f 2-4c0e-b417- 027046527af 9	
40-SS			L1	1		
40-SS			L2	0.5		
40-SS			L3	1		
40-SS	Linear Add	No	DL	1.2	E220187249 8a4-259-0713 -8897164ed9f 5	
41-RC			L1	1		
41-RC			L2	0.5		
41-RC			L3	1		
41-RC			EZ	0.3		
41-RC			DY	-1		
41-SS			DL	1.2	e926559a-42 44-4a0a-409a -ac75a540e8 d9	
41-SS			L1	1		
41-SS			L2	0.5		
41-SS			L3	1		
41-SS	Linear Add	No	EZ	0.3		
41-SS			DY	-1		
42-RC			DL	1.2	5d52992-4e9 0c-4161-8261 -800bfc1196 b	
42-RC			L1	1		
42-RC			L2	0.5		
42-RC			L3	1		
42-RC			EQX1	-1		
42-RC			EZ	-0.3		
42-SS			DL	1.2	7301903a-0a 4-4d8e-a42c 22a06a1022 0	
42-SS			L1	1		
42-SS	Linear Add	No	L2	0.5		
42-SS			L3	1		
42-SS			EQX1	-1		
42-SS			EZ	-0.3		
43-RC			DL	1.2	1b6b764-0b4 e-4e6e-9e7b- 1059e03314e 2	
43-RC			L1	1		
43-RC			L2	0.5		
43-RC			L3	1		
43-RC			EQX1	-1		
43-RC			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
43-RC	Linear Add	No	L1	1		
43-RC			L2	0.5		
43-RC			L3	1		
43-RC			EQX2	-1		
43-RC			EZ	-0.3		
43-SS			DL	1.2	1453a42-8b a5-4b05-948 -23a0719810 a1	
43-SS			L1	1		
43-SS			L2	0.5		
43-SS			L3	1		
43-SS			EQX2	-1		
44-RC	Linear Add	No	DL	-0.3		
44-RC			DL	1.2	d1e4e1c1-17 4a-4d95-4000 -946530d009f f	
44-RC			L1	1		
44-RC			L2	0.5		
44-RC			L3	1		
44-RC			EQY1	-1		
44-RC			EZ	-0.3		
44-SS			DL	1.2	b980a5-427 1-4e81-5a2b- 7d5ac0ede7a 2	
44-SS			L1	1		
44-SS			L2	0.5		
44-SS	Linear Add	No	L3	1		
44-SS			EQY1	-1		
44-SS			EZ	-0.3		
45-RC			DL	1.2	03e1072-74d 5-4b5-8d17- a0a5c0a137 d	
45-RC			L1	1		
45-RC			L2	0.5		
45-RC			L3	1		
45-RC			EQY2	-1		
45-RC			EZ	-0.3		
45-SS			DL	1.2	4b9d0d4-2a2 3-490-a573- e6a8-5ae69e 9	
45-SS	Linear Add	No	L1	1		
45-SS			L2	0.5		
45-SS			L3	1		
45-SS			EQY2	-1		
45-SS			EZ	-0.3		
46-RC			DL	1.2	3de4d03-6af 0-4d17-a086- c818a0e170d 9	
46-RC			L1	1		
46-RC			L2	0.5		
46-RC			L3	1		
46-RC			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
46-RC	Linear Add	No	DX	-1		
46-SS			DL	1.2	398e23a-7ab 5-4a0b-5105- 8a8ba331a4 1	
46-SS			L1	1		
46-SS			L2	0.5		
46-SS			L3	1		
46-SS			EZ	-0.3		
46-SS			DX	-1		
47-RC			DL	1.2	4b04a399-0c 3c-4180-a0bc -45c7b2a0a5 46	
47-RC			L1	1		
47-RC			L2	0.5		
47-RC	Linear Add	No	L3	1		
47-RC			EZ	-0.3		
47-RC			DY	-1		
47-SS			DL	1.2	b31e9943-67 40-4613-44a8 -358ba56e6b e3	
47-SS			L1	1		
47-SS			L2	0.5		
47-SS			L3	1		
47-SS			EZ	-0.3		
47-SS			DY	-1		
48-RC			DL	1.2	7d2d862-1bf b-4e14a07b- 9403e118683 e	
48-RC	Linear Add	No	L2	0.5		
48-RC			EQX1	1		
48-RC			EZ	0.3		
48-SS			DL	1.2	8a9481a0-3c c2-43a8-9b1f- 6e2b38508c 9	
48-SS			L2	0.5		
48-SS			EQX1	1		
48-SS			EZ	0.3		
49-RC			DL	1.2	a1d5ac5-1b c5-474b-8013 -36240b094a 1	
49-RC			L2	0.5		
49-RC			EQX2	1		
49-RC	Linear Add	No	EZ	0.3		
49-SS			DL	1.2	b0d0352e-69 05-4992-3092 -3c037dbac3 64	
49-SS			L2	0.5		
49-SS			EQX2	1		
49-SS			EZ	0.3		
49-SS						
49-SS						
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49-SS						
49-SS						

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
50-RC	Linear Add	No	DL	1.2	a411c1932d1 504565-930- 71006066901 c	
50-RC			L2	0.5		
50-RC			EQY1	1		
50-RC			EZ	0.3		
50-SS	Linear Add	No	DL	1.2	a41811b1-ec b44f6b9402a -8ba4e54299 1	
50-SS			L2	0.5		
50-SS			EQY1	1		
50-SS			EZ	0.3		
51-RC	Linear Add	No	DL	1.2	059baa84-01e 24233-9048- 58888a673ba	
51-RC			L2	0.5		
51-RC			EQY2	1		
51-RC			EZ	0.3		
51-SS	Linear Add	No	DL	1.2	1ea3f159-08 948724864- 11b3507073 e	
51-SS			L2	0.5		
51-SS			EQY2	1		
51-SS			EZ	0.3		
52-RC	Linear Add	No	DL	1.2	1b17014c-3b ea46c5-949c -935ce91454 a6	
52-RC			L2	0.5		
52-RC			DX	0.3		
52-RC			DX	1		
52-SS	Linear Add	No	DL	1.2	c78a359-8a9 64c1a3a6d2- 6ac766562b 5	
52-SS			L2	0.5		
52-SS			EZ	0.3		
52-SS			DX	1		
53-RC	Linear Add	No	DL	1.2	690c9202-46 c640cc-9c1e -e57672958b 7	
53-RC			L2	0.5		
53-RC			EZ	0.3		
53-RC			DY	1		
53-SS	Linear Add	No	DL	1.2	dc907e4d-45 2640734200 -402929821a 44	
53-SS			L2	0.5		
53-SS			EZ	0.3		
53-SS			DY	1		
54-RC	Linear Add	No	DL	1.2	a1dc962-1e c74240-9a30 -03a6cc700 c2	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
54-RC			L2	0.5		
54-RC			EQX1	1		
54-RC	Linear Add	No	EZ	0.3	807544d-459 e480e4070- 6288051433b 9	
54-SS			L2	0.5		
54-SS			EQX1	1		
54-SS			EZ	0.3		
55-RC	Linear Add	No	DL	1.2	eaac6f3-9a6 14058-aec0-0 95d3ea3097a	
55-RC			L2	0.5		
55-RC			EQX2	1		
55-RC			EZ	0.3		
55-SS	Linear Add	No	DL	1.2	59a276d-e93 c47c3a0077 4d36546573	
55-SS			L2	0.5		
55-SS			EQX2	1		
55-SS			EZ	0.3		
56-RC	Linear Add	No	DL	1.2	8f1cc142-87b 6413a0d1e- 8cc8f33ae1f b	
56-RC			L2	0.5		
56-RC			EQY1	1		
56-RC			EZ	0.3		
56-SS	Linear Add	No	DL	1.2	90f1037a-7ab 9436c-9a85-f ff53a6c815	
56-SS			L2	0.5		
56-SS			EQY1	1		
56-SS			EZ	0.3		
57-RC	Linear Add	No	DL	1.2	b54359f1461 c846069-30a- 8ac2236a712 4	
57-RC			L2	0.5		
57-RC			EQY2	1		
57-RC			EZ	0.3		
57-SS	Linear Add	No	DL	1.2	70ce94e9-ca df4887-e1b6 -e8b167bccc 96	
57-SS			L2	0.5		
57-SS			EQY2	1		
57-SS			EZ	0.3		
58-RC	Linear Add	No	DL	1.2	eda49993-24 b54c25-52ab 49c9c9339c3 8f	
58-RC			L2	0.5		
58-RC			EZ	0.3		
58-RC			DX	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
58-SS	Linear Add	No	DL	1.2	764da166-5b c24447-5295 -02d19191690 c3	
58-SS			L2	0.5		
58-SS			EZ	0.3		
58-SS			DX	1		
59-RC	Linear Add	No	DL	1.2	e9c11b6b-8c 834d3c-c8f4 -76f9ac7963a b	
59-RC			L2	0.5		
59-RC			EZ	0.3		
59-RC			DY	1		
59-SS	Linear Add	No	DL	1.2	79c3947-d06 941a3-947c- cea647943c b	
59-SS			L2	0.5		
59-SS			EZ	0.3		
59-SS			DY	1		
60-RC	Linear Add	No	DL	1.2	ad0c9f9a-2f0 94145-819a- ab26a32029a 3	
60-RC			L2	0.5		
60-RC			EQX1	1		
60-RC			EZ	0.3		
60-SS	Linear Add	No	DL	1.2	e7798a5e-7c b446c6b664 -196a6c199 9f	
60-SS			L2	0.5		
60-SS			EQX1	1		
60-SS			EZ	0.3		
61-RC	Linear Add	No	DL	1.2	8bae27b-5c 0a4177a4b6- 510a921612 e	
61-RC			L2	0.5		
61-RC			EQX2	1		
61-RC			EZ	0.3		
61-SS	Linear Add	No	DL	1.2	0743ca0e-f68 14b50-85a9- 339f89ec445 f	
61-SS			L2	0.5		
61-SS			EQX2	1		
61-SS			EZ	0.3		
62-RC	Linear Add	No	DL	1.2	4ce50569-4e b44f6b9-0912 -0a7025c59c	
62-RC			L2	0.5		
62-RC			EQY1	1		
62-RC			EZ	0.3		
62-SS	Linear Add	No	DL	1.2	353bd714-96 0a4697-8b35 -2c3435a6aa 12	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
62-SS			L2	0.5		
62-SS			EQY1	1		
62-SS			EZ	0.3		
63-RC	Linear Add	No	DL	1.2	16b7629-a99 64596-500f- 101619421f3 0	
63-RC			L2	0.5		
63-RC			EQY2	1		
63-RC			EZ	0.3		
63-SS	Linear Add	No	DL	1.2	02ba3578-f88 a46461e70e- 63a6916a9ba a	
63-SS			L2	0.5		
63-SS			EQY2	1		
63-SS			EZ	0.3		
64-RC	Linear Add	No	DL	1.2	8f63c30-990 c4ba4-b9a6- 6153a60104 0	
64-RC			L2	0.5		
64-RC			EZ	0.3		
64-RC			DX	1		
64-SS	Linear Add	No	DL	1.2	4e333297-8fc a47c3-a10a- c059626999 c	
64-SS			L2	0.5		
64-SS			EZ	0.3		
64-SS			DX	1		
65-RC	Linear Add	No	DL	1.2	63178904-78f 747a9-9c0fa 54c9a9b0b37	
65-RC			L2	0.5		
65-RC			EZ	0.3		
65-RC			DY	1		
65-SS	Linear Add	No	DL	1.2	7d9ce689-1d 764ab7-8af9a -058b4a674 8c	
65-SS			L2	0.5		
65-SS			EZ	0.3		
65-SS			DY	1		
66-RC	Linear Add	No	DL	1.2	2464b2a9-0ff 648a4-a80c-f 4ec8baf15ba	
66-RC			L2	0.5		
66-RC			EQX1	1		
66-RC			EZ	0.3		
66-SS	Linear Add	No	DL	1.2	647c9a2a-f08 448a8-a907- 62b644208a8 e	
66-SS			L2	0.5		
66-SS			EQX1	1		
66-SS			EZ	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
67-RC	Linear Add	No	DL	1.2	d054d1-e43 4484-a502- 00100a906 2	
67-RC			L2	0.5		
67-RC			EQX2	-1		
67-RC			EZ	-0.3		
67-SS	Linear Add	No	DL	1.2	a8ba217-1e a5470a-9de -55491b6c1 ea	
67-SS			L2	0.5		
67-SS			EQX2	-1		
67-SS			EZ	-0.3		
68-RC	Linear Add	No	DL	1.2	dbc8785-03 d443aa-504f -40557d1711 1	
68-RC			L2	0.5		
68-RC			EQY1	-1		
68-RC			EZ	-0.3		
68-SS	Linear Add	No	DL	1.2	2a771c6-052 148baac7c 227a096c904 b	
68-SS			L2	0.5		
68-SS			EQY1	-1		
68-SS			EZ	-0.3		
69-RC	Linear Add	No	DL	1.2	4883ba7c-17 66-41b-9509- 60712c2e8e 5	
69-RC			L2	0.5		
69-RC			EQY2	-1		
69-RC			EZ	-0.3		
69-SS	Linear Add	No	DL	1.2	ea02753-44 5-486e-636e 703e791165 1	
69-SS			L2	0.5		
69-SS			EQY2	-1		
69-SS			EZ	-0.3		
70-RC	Linear Add	No	DL	1.2	a5e20768-d1 ba-48b1-635c- c0302b3c09 0	
70-RC			L2	0.5		
70-RC			EZ	-0.3		
70-RC			DX	-1		
70-SS	Linear Add	No	DL	1.2	eb40ec54-b9 56-486a-406 -2e797ab379 0	
70-SS			L2	0.5		
70-SS			EZ	-0.3		
70-SS			DX	-1		
71-RC	Linear Add	No	DL	1.2	401a9268-13 60-401b-901c -bab996c22 8f	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
71-RC			L2	0.5		
71-RC			EZ	-0.3		
71-RC	Linear Add	No	DY	1.2	2b76a971-47 2d4244-852e -8a11a04d2 10	
71-SS			L2	0.5		
71-SS			EZ	-0.3		
71-SS			DY	-1		
72-RC	Linear Add	No	DL	1.2	52ba596-mb -4745-a66c- a48638da9	
72-RC			L3	0.5		
72-RC			EQX1	1		
72-RC			EZ	0.3		
72-SS	Linear Add	No	DL	1.2	873b1f5-38b 8-403b-000c- d2a3609a0 6	
72-SS			L3	0.5		
73-SS			EQX1	1		
73-SS			EZ	0.3		
73-RC	Linear Add	No	DL	1.2	7d18b26-7b5 c-4c31-aad- 9e40b03714 4	
73-RC			L3	0.5		
73-RC			EQX2	1		
73-RC			EZ	0.3		
73-SS	Linear Add	No	DL	1.2	09d1a4f-67e 8-43b3-8a9f- a5f143277c2 0	
73-SS			L3	0.5		
73-SS			EQX2	1		
73-SS			EZ	0.3		
74-RC	Linear Add	No	DL	1.2	09b81b7e-88 a543b-54a3 -51ecb118c 2a	
74-RC			L3	0.5		
74-RC			EQY1	1		
74-RC			EZ	0.3		
74-SS	Linear Add	No	DL	1.2	46721d8-889 145944e-21f 25a470006a	
74-SS			L3	0.5		
74-SS			EQY1	1		
74-SS			EZ	0.3		
75-RC	Linear Add	No	DL	1.2	0c5a819-065 6-4e3b-8e07- 3d7a9f8dc3 1	
75-RC			L3	0.5		
75-RC			EQY2	1		
75-RC			EZ	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
75-SS	Linear Add	No	DL	1.2	666571-baf 5-4022-a66c- e08f12ccae1 b	
75-SS			L3	0.5		
75-SS			EQY2	1		
75-SS			EZ	0.3		
76-RC	Linear Add	No	DL	1.2	6ad7326-cb ea-4c8b-80af -a0811580a c1	
76-RC			L3	0.5		
76-RC			EZ	0.3		
76-RC			DX	1		
76-SS	Linear Add	No	DL	1.2	a589749-7ad 6-42aa-b6e7- 84d9f79ba5 b	
76-SS			L3	0.5		
76-SS			EZ	0.3		
76-SS			DX	1		
77-RC	Linear Add	No	DL	1.2	29bdaf122-52 d7-33c5-898- c3d0a34556 b	
77-RC			L3	0.5		
77-RC			EZ	0.3		
77-RC			DY	1		
77-SS	Linear Add	No	DL	1.2	99407a7-01 56-485c-a108 -a1b0502cb 5	
77-SS			L3	0.5		
77-SS			EZ	0.3		
77-SS			DY	1		
78-RC	Linear Add	No	DL	1.2	6b5c41e-4b 30-a1d7-902b -eda4280055 80	
78-RC			L3	0.5		
78-RC			EQX1	1		
78-RC			EZ	-0.3		
78-SS	Linear Add	No	DL	1.2	dbc07b7-208 14712-868a- 8e72c3a3ad 5	
78-SS			L3	0.5		
78-SS			EQX1	1		
78-SS			EZ	-0.3		
79-RC	Linear Add	No	DL	1.2	226913f1-63 6a-44c3-9011 42f7f18e08e	
79-RC			L3	0.5		
79-RC			EQX2	1		
79-RC			EZ	-0.3		
79-SS	Linear Add	No	DL	1.2	0c57623-1ee 6-447e-3047- 7949e63081 f	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
79-SS			L3	0.5		
79-SS			EQX2	1		
79-SS			EZ	-0.3		
80-RC	Linear Add	No	DL	1.2	d009e67-0a0 8-4466-800c- dad130111e9 0	
80-RC			L3	0.5		
80-RC			EQY1	1		
80-RC			EZ	-0.3		
80-SS	Linear Add	No	DL	1.2	817b6f7-d21 a-4061-906c- 8716527204d 7	
80-SS			L3	0.5		
80-SS			EQY1	1		
80-SS			EZ	-0.3		
81-RC	Linear Add	No	DL	1.2	54b7b4d-43 60-4a0d-aae5 -20db0a9a6 94	
81-RC			L3	0.5		
81-RC			EQY2	1		
81-RC			EZ	-0.3		
81-SS	Linear Add	No	DL	1.2	bc3d8f5-017f -476c-8a64-3 68b8e17502	
81-SS			L3	0.5		
81-SS			EQY2	1		
81-SS			EZ	-0.3		
82-RC	Linear Add	No	DL	1.2	fff1316-8e9d- 4705-8d1c-8e 57bae22394	
82-RC			L3	0.5		
82-RC			EZ	-0.3		
82-RC			DX	1		
82-SS	Linear Add	No	DL	1.2	5ec0985-36e 9-4d41-a0a7- 84bc3d76a91 a	
82-SS			L3	0.5		
82-SS			EZ	-0.3		
82-SS			DX	1		
83-RC	Linear Add	No	DL	1.2	117a84c-10c b-42b7-8d17- a35ec0a598 3	
83-RC			L3	0.5		
83-RC			EZ	-0.3		
83-SS	Linear Add	No	DL	1.2	301b7352-ea 7c-4c3a-c8b -4b5a336c8 2e	
83-SS			L3	0.5		
83-SS			EZ	-0.3		
83-SS			DY	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
84-RC	Linear Add	No	DL	1.2	02502044-58 6a4daa-9c32 -10a803a303 7c	
84-RC			L3	0.5		
84-RC			EQX1	-1		
84-RC			EZ	0.3		
84-SS	Linear Add	No	DL	1.2	9d7867ab-36 624d71430ad -8a8dct5c795 3	
84-SS			L3	0.5		
84-SS			EQX1	-1		
84-SS			EZ	0.3		
85-RC	Linear Add	No	DL	1.2	5d8e750-85 134aa4-4d3 -0aa8058d01 6	
85-RC			L3	0.5		
85-RC			EQX2	-1		
85-RC			EZ	0.3		
85-SS	Linear Add	No	DL	1.2	9e175e57-86 7c466c-9a5e -a44c75c872 8	
85-SS			L3	0.5		
85-SS			EQX2	-1		
85-SS			EZ	0.3		
86-RC	Linear Add	No	DL	1.2	e60ad128-3f0 c400a-86cb- 8d33a3a3a3 0	
86-RC			L3	0.5		
86-RC			EQY1	-1		
86-RC			EZ	0.3		
86-SS	Linear Add	No	DL	1.2	b22aee3-82 c-4521a314 94277053aa7 7	
86-SS			L3	0.5		
86-SS			EQY1	-1		
86-SS			EZ	0.3		
87-RC	Linear Add	No	DL	1.2	e504829-8oc c4602-9a2b- b7a5381594f 6	
87-RC			L3	0.5		
87-RC			EQY2	-1		
87-RC			EZ	0.3		
87-SS	Linear Add	No	DL	1.2	b59b62a-1af 446c5-a59e- 33a63691ede 0	
87-SS			L3	0.5		
87-SS			EQY2	-1		
87-SS			EZ	0.3		
88-RC	Linear Add	No	DL	1.2	2092a34-5f1 948a-9a02a8 30a5e58f18e	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
88-RC			L3	0.5		
88-RC			EZ	0.3		
88-RC	Linear Add	No	DL	1.2	7597ab-65b 24c58-bc14 1b5241654e	
88-SS			L3	0.5		
88-SS			EZ	0.3		
88-SS	Linear Add	No	DL	1.2	8e98c115-094 4488c-9c0c- c71c3a638c 7	
89-RC			L3	0.5		
89-RC			EZ	0.3		
89-RC	Linear Add	No	DY	-1		
89-SS			DL	1.2	426028b8-68 c34e4e51a85 -952d7c9872 8f	
89-SS			L3	0.5		
89-SS			EZ	0.3		
89-SS	Linear Add	No	DY	-1		
90-RC			DL	1.2	c88e3a59-50 9e4194-b881 -0e20e0280 72	
90-RC			L3	0.5		
90-RC			EQX1	-1		
90-RC	Linear Add	No	EZ	-0.3		
90-SS			DL	1.2	b644d278-17 884400-8a0a -5c1cda5ee1 db	
90-SS			L3	0.5		
90-SS			EQX1	-1		
90-SS			EZ	-0.3		
91-RC	Linear Add	No	DL	1.2	b5d8b8b8-08 314c0a-8a29 -4f59a87c27 e9	
91-RC			L3	0.5		
91-RC			EQX2	-1		
91-RC			EZ	-0.3		
91-SS	Linear Add	No	DL	1.2	388d2d2a-c 97487-8458 -1d5c0206da k3	
91-SS			L3	0.5		
91-SS			EQX2	-1		
91-SS			EZ	-0.3		
92-RC	Linear Add	No	DL	1.2	c893b615-59 50484d-4b11 -0ba0204a41 7	
92-RC			L3	0.5		
92-RC			EQY1	-1		
92-RC			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
92-SS	Linear Add	No	DL	1.2	26c207d48e c4052c2b-7 68b110111cd	
92-SS			L3	0.5		
92-SS			EQY1	-1		
92-SS			EZ	-0.3		
93-RC	Linear Add	No	DL	1.2	805a4252-7c a54bc5-8ae7 -405943d58a 7f	
93-RC			L3	0.5		
93-RC			EQY2	-1		
93-RC			EZ	-0.3		
93-SS	Linear Add	No	DL	1.2	7d254c4-704 44880-857a- 8d45033c842 7	
93-SS			L3	0.5		
93-SS			EQY2	-1		
93-SS			EZ	-0.3		
94-RC	Linear Add	No	DL	1.2	c89a444-a3 1747c5-a202 -2342c9e7af 8	
94-RC			L3	0.5		
94-RC			EZ	-0.3		
94-RC			DX	-1		
94-SS	Linear Add	No	DL	1.2	c8a8a69e-90 c54695-a109 -3d9a703ca4 1a	
94-SS			L3	0.5		
94-SS			EZ	-0.3		
94-SS			DX	-1		
95-RC	Linear Add	No	DL	1.2	b59b33f26af 4985-a350-0 171afad709a	
95-RC			L3	0.5		
95-RC			EZ	-0.3		
95-RC			DY	-1		
95-SS	Linear Add	No	DL	1.2	4ba4a0c4-14 d14688-62b1 -a5a95050b 95	
95-SS			L3	0.5		
95-SS			EZ	-0.3		
95-SS			DY	-1		
96-RC	Linear Add	No	DL	1.2	d00a934-ee b4a689-89ab 894882dctbf 8	
96-RC			L1	1		
96-RC			L2	0.5		
96-RC			L3	1		
96-RC			EQX1	0.3		
96-RC			EZ	1		
96-SS	Linear Add	No	DL	1.2	3820287-89 2487-b25b-8 d87d76db43	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
96-SS			L1	1		
96-SS			L2	0.5		
96-SS			L3	1		
96-SS			EQX1	0.3		
96-SS			EZ	1		
97-RC	Linear Add	No	DL	1.2	94b5d04-30 8d4810-04c8d -288e0c4886 a	
97-RC			L1	1		
97-RC			L2	0.5		
97-RC			L3	1		
97-RC			EQX2	0.3		
97-RC	Linear Add	No	EZ	1		
97-SS			DL	1.2	88889db-49e 3450a-077a- f52b2395910	
97-SS			L1	1		
97-SS			L2	0.5		
97-SS			L3	1		
97-SS			EQX2	0.3		
97-SS			EZ	1		
98-RC	Linear Add	No	DL	1.2	19142ba5-c8 4e47af-89e3 -78a447887c 0f	
98-RC			L1	1		
98-RC			L2	0.5		
98-RC			L3	1		
98-RC			EQY1	0.3		
98-RC			EZ	1		
98-SS	Linear Add	No	DL	1.2	e480a022-17 024880-baff -4bf1ea3f59a ef	
98-SS			L1	1		
98-SS			L2	0.5		
98-SS			L3	1		
98-SS			EQY1	0.3		
98-SS			EZ	1		
99-RC	Linear Add	No	DL	1.2	5935007c-4d 194a69-a350 -ba62ac052e 1	
99-RC			L1	1		
99-RC			L2	0.5		
99-RC			L3	1		
99-RC			EQY2	0.3		
99-RC			EZ	1		
99-SS	Linear Add	No	DL	1.2	20f2345-534 b4f43a440c 137ca958b50 7	
99-SS			L1	1		
99-SS			L2	0.5		
99-SS			L3	1		
99-SS			EQY2	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUIID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
99-SS	Linear Add	No	DL	1	1	
100-RC				1.2	3e03b0e-34c e423a-ba24- 41b0a6c3a8 8	
100-RC				L1	1	
100-RC				L2	0.5	
100-RC				L3	1	
100-RC				EZ	1	
100-RC				DX	0.3	
100-SS				1.2	51490422-78 ac4a9b5a29 -c7ee6d3ba1 a2	
100-SS				L1	1	
100-SS				L2	0.5	
100-SS	Linear Add	No	DL	1	1	
100-SS				EZ	1	
100-SS				DX	0.3	
101-RC				1.2	ba5a595e-42 b447f1f0-8b20 -a5e0a0a0e3 b8	
101-RC				L1	1	
101-RC				L2	0.5	
101-RC				L3	1	
101-RC				EZ	1	
101-RC				DX	0.3	
101-SS				1.2	5a26ee40-01 a3499e-b0e5 -564e5437d3 1	
101-SS	Linear Add	No	DL	1	1	
101-SS				L2	0.5	
101-SS				L3	1	
101-SS				EZ	1	
101-SS				DX	0.3	
102-RC				1.2	c5e69066-3c a44444-82b3 -50a6b0c7b 7	
102-RC				L1	1	
102-RC				L2	0.5	
102-RC				L3	1	
102-RC				EQX1	0.3	
102-RC	Linear Add	No	DL	1	1	
102-RC				EZ	-1	
102-SS				1.2	82b1d7d-7b 44c3a-b5a5- 4c7c0a0a0c7	
102-SS				L1	1	
102-SS				L2	0.5	
102-SS				L3	1	
102-SS				EQX1	0.3	
102-SS				EZ	-1	
103-RC				1.2	a7b7a04-936 44074-8b14- 4a02140c323 4	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUIID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
103-RC	Linear Add	No	DL	1	1	
103-RC				L2	0.5	
103-RC				L3	1	
103-RC				EQX2	0.3	
103-RC				EZ	-1	
103-SS				1.2	557b292-22 b04632-a76c- 4da75a0a0a 5	
103-SS				L1	1	
103-SS				L2	0.5	
103-SS				L3	1	
103-SS				EQX2	0.3	
104-RC	Linear Add	No	DL	1	1	
104-RC				EZ	-1	
104-RC				1.2	58804071b7d b4a077-8a16- d071b5401e0	
104-RC				L1	1	
104-RC				L2	0.5	
104-RC				L3	1	
104-RC				EQY1	0.3	
104-RC				EZ	-1	
104-SS				1.2	533a096-757 e480a076b- 9b445987361 e	
104-SS	Linear Add	No	DL	1	1	
104-SS				L2	0.5	
104-SS				L3	1	
104-SS				EQY1	0.3	
104-SS				EZ	-1	
105-RC				1.2	9c0a02b-85b 7480c0a0b3- 8e1b3242e5f	
105-RC				L1	1	
105-RC				L2	0.5	
105-RC				L3	1	
105-RC				EQY2	0.3	
105-SS	Linear Add	No	DL	1	1	
105-SS				EZ	-1	
105-SS				1.2	c0f0b0e4-1a4 44b1b0b1d4 047460e493	
105-SS				L1	1	
105-SS				L2	0.5	
105-SS				L3	1	
105-SS				EQY2	0.3	
105-SS				EZ	-1	
105-SS				1.2	0bcb437a-5df 54e2a03a1- 22b0a07b02 3	
106-RC	Linear Add	No	DL	1	1	
106-RC				L2	0.5	
106-RC				L3	1	
106-RC				EZ	-1	
106-RC				DX	0.3	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUIID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
106-SS	Linear Add	No	DL	1.2	e50a071-311 04591-a09a- 8a05a277300 a	
106-SS				L1	1	
106-SS				L2	0.5	
106-SS				L3	1	
106-SS				EZ	-1	
106-SS				DX	0.3	
107-RC				1.2	454b755-47c 4480c-81de- 8d0f194523d 9	
107-RC				L1	1	
107-RC				L2	0.5	
107-RC				L3	1	
107-RC	Linear Add	No	DL	1	1	
107-RC				EZ	-1	
107-RC				DX	0.3	
107-SS				1.2	912b33e-40 794b1b-99ba -1000a1002 30	
107-SS				L1	1	
107-SS				L2	0.5	
107-SS				L3	1	
107-SS				EZ	-1	
107-SS				DX	0.3	
108-RC				1.2	9c371aed-b6 5401b-a0a5- 020a9a0a0a	
108-RC	Linear Add	No	DL	1	1	
108-RC				L2	0.5	
108-RC				L3	1	
108-RC				EQX1	-0.3	
108-RC				EZ	1	
108-SS				1.2	c0f0b0e4-1a4 3a48c-a410 -d9a032000 56	
108-SS				L1	1	
108-SS				L2	0.5	
108-SS				L3	1	
108-SS				EQX1	-0.3	
109-RC	Linear Add	No	DL	1.2	018a768-dc a542a3-80a9 -d02e1d88b c	
109-RC				L1	1	
109-RC				L2	0.5	
109-RC				L3	1	
109-RC				EQX2	-0.3	
109-RC				EZ	1	
109-SS				1.2	2839876-4b 0840a5-b54 -a3a0a0a0a 72	
109-SS				L1	1	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUIID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
109-SS	Linear Add	No	DL	1	1	
109-SS				L2	0.5	
109-SS				L3	1	
109-SS				EQX2	-0.3	
109-SS				EZ	1	
110-RC				1.2	766395f1-73 ac480-87eb -2e0a2a7e3 99	
110-RC				L1	1	
110-RC				L2	0.5	
110-RC				L3	1	
110-RC				EQY1	-0.3	
110-SS	Linear Add	No	DL	1	1	
110-SS				EZ	-1	
110-SS				1.2	c5d3295-601 54162-8660- 48a0c02a0b 6	
110-SS				L1	1	
110-SS				L2	0.5	
110-SS				L3	1	
110-SS				EQY1	-0.3	
110-SS				EZ	1	
111-RC				1.2	089a0a6-9ab b480a070- baa01a0a70 c	
111-RC	Linear Add	No	DL	1	1	
111-RC				L2	0.5	
111-RC				L3	1	
111-RC				EQY2	-0.3	
111-RC				EZ	1	
111-SS				1.2	b6295c14-40 5455a-94d1 -77b94c2425 4	
111-SS				L1	1	
111-SS				L2	0.5	
111-SS				L3	1	
111-SS				EQY2	-0.3	
112-RC	Linear Add	No	DL	1	1	
112-RC				EZ	-1	
112-RC				1.2	ee071a19-57 444844-9024- 12a589a0c29 9	
112-RC				L1	1	
112-RC				L2	0.5	
112-RC				L3	1	
112-RC				EZ	-1	
112-RC				DX	-0.3	
112-SS				1.2	3177b0ca-8c 944cc-8b33 -569f226a57 5	
112-SS	Linear Add	No	DL	1	1	
112-SS				L2	0.5	
112-SS				L3	1	
112-SS				EZ	1	
112-SS				DX	-0.3	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
113-RC	Linear Add	No	DL	1.2	44a9e911-4c2 3-4347-8110- db9e91d9d 7	
113-RC			L1	1		
113-RC			L2	0.5		
113-RC			L3	1		
113-RC			EZ	1		
113-RC			DY	-0.3		
113-SS	Linear Add	No	DL	1.2	754a903-0d8 c-4ae9-943c- be9769033c 1	
113-SS			L1	1		
113-SS			L2	0.5		
113-SS			L3	1		
113-SS			EZ	1		
113-SS			DY	-0.3		
114-RC	Linear Add	No	DL	1.2	d995b07-0f71 -440c-8dc3-8 9c0e9f23963	
114-RC			L1	1		
114-RC			L2	0.5		
114-RC			L3	1		
114-RC			EQX1	-0.3		
114-RC			EZ	-1		
114-SS	Linear Add	No	DL	1.2	7bdc853-4fc 9-4854-809c- ad07499e2 a	
114-SS			L1	1		
114-SS			L2	0.5		
114-SS			L3	1		
114-SS			EQX1	-0.3		
114-SS			EZ	-1		
115-RC	Linear Add	No	DL	1.2	6de9c18-109 5-4c24-a063- 5a915ee3a4 e	
115-RC			L1	1		
115-RC			L2	0.5		
115-RC			L3	1		
115-RC			EQX2	-0.3		
115-RC			EZ	-1		
115-SS	Linear Add	No	DL	1.2	ae54429-9d 8f-4c24-91d9 -1b5769c272 8	
115-SS			L1	1		
115-SS			L2	0.5		
115-SS			L3	1		
115-SS			EQX2	-0.3		
115-SS			EZ	-1		
116-RC	Linear Add	No	DL	1.2	d76c756-a2f e-4c50-8ac3- e3722116860 0	
116-RC			L1	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
116-RC			L2	0.5		
116-RC			L3	1		
116-RC			EQY1	-0.3		
116-RC			EZ	-1		
116-SS	Linear Add	No	DL	1.2	3590e08-a0 de-4e48-a27 -a5a5901c9 e9	
116-SS			L1	1		
116-SS			L2	0.5		
116-SS			L3	1		
116-SS			EQY1	-0.3		
116-SS			EZ	-1		
117-RC	Linear Add	No	DL	1.2	972d8d1-3e4 e-4d8c-1e5e11 00933990c1b	
117-RC			L1	1		
117-RC			L2	0.5		
117-RC			L3	1		
117-RC			EQY2	-0.3		
117-RC			EZ	-1		
117-SS	Linear Add	No	DL	1.2	8b74ee4-5db 9-4610-d497- 74061b27615 a	
117-SS			L1	1		
117-SS			L2	0.5		
117-SS			L3	1		
117-SS			EQY2	-0.3		
117-SS			EZ	-1		
118-RC	Linear Add	No	DL	1.2	21945513-b4 94-4180-eeb3 -f18444a9803 7	
118-RC			L1	1		
118-RC			L2	0.5		
118-RC			L3	1		
118-RC			EZ	-1		
118-RC			DX	-0.3		
118-SS	Linear Add	No	DL	1.2	8a60071-45 8a-6088-954c -8b9151265c6 0	
118-SS			L1	1		
118-SS			L2	0.5		
118-SS			L3	1		
118-SS			EZ	-1		
118-SS			DX	-0.3		
119-RC	Linear Add	No	DL	1.2	f7be09e-24c5 -4c24-97b7-7 2c716e9104	
119-RC			L1	1		
119-RC			L2	0.5		
119-RC			L3	1		
119-RC			EZ	-1		
119-RC			DY	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
119-SS	Linear Add	No	DL	1.2	203e4b9-44b e-4c48b-274e- 4498e5e4d35 7	
119-SS			L1	1		
119-SS			L2	0.5		
119-SS			L3	1		
119-SS			EZ	-1		
119-SS			DY	-0.3		
120-RC	Linear Add	No	DL	1.2	46c2b96-cf 94-4c3c-9ca3 -25a59c251a 5c	
120-RC			L2	0.5		
120-RC			EQX1	0.3		
120-RC			EZ	1		
120-SS	Linear Add	No	DL	1.2	09898a1-6a3 0-4c227-a415- e295344eab3 b	
120-SS			L2	0.5		
120-SS			EQX1	0.3		
120-SS			EZ	1		
121-RC	Linear Add	No	DL	1.2	6591cf71-88e a-4a79-8c4- 520501071e 3	
121-RC			L2	0.5		
121-RC			EQX2	0.3		
121-RC			EZ	1		
121-SS	Linear Add	No	DL	1.2	e639ae59-64f 4-41e4b-830c- 9511e308811 2	
121-SS			L2	0.5		
121-SS			EQX2	0.3		
121-SS			EZ	1		
122-RC	Linear Add	No	DL	1.2	d06d9db-89 2a-4932-8a87 -50a6d18c7 2	
122-RC			L2	0.5		
122-RC			EQY1	0.3		
122-RC			EZ	1		
122-SS	Linear Add	No	DL	1.2	1a72ae02-1a 84-4b86-8b72 -8302104859 4	
122-SS			L2	0.5		
122-SS			EQY1	0.3		
122-SS			EZ	1		
123-RC	Linear Add	No	DL	1.2	f0e7b61e-ac5 -46f1-a3da-d 5eeaf78c40f	
123-RC			L2	0.5		
123-RC			EQY2	0.3		
123-RC			EZ	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
123-SS	Linear Add	No	DL	1.2	0a30a6e1-85c e-4c48c-38e5-f b7353b6376b	
123-SS			L2	0.5		
123-SS			EQY2	0.3		
123-SS			EZ	1		
124-RC	Linear Add	No	DL	1.2	77f11032-70f 6-4af6a27b-a bf54ea29e9a	
124-RC			L2	0.5		
124-RC			EZ	1		
124-RC			DX	0.3		
124-SS	Linear Add	No	DL	1.2	590d8ea7-18 3d-444e-9a02 -3b53a8c8b8 2	
124-SS			L2	0.5		
124-SS			EZ	1		
124-SS			DX	0.3		
125-RC	Linear Add	No	DL	1.2	370294ee-4e 75-4e01-ba011 -017c5c2a858 d	
125-RC			L2	0.5		
125-RC			EZ	1		
125-RC			DY	0.3		
125-SS	Linear Add	No	DL	1.2	0c235534-cf9 9-441b-8c2c- e8a53a11453 8	
125-SS			L2	0.5		
125-SS			EZ	1		
125-SS			DY	0.3		
126-RC	Linear Add	No	DL	1.2	0eac7d07-04 e2-8c0c-818a -af59187b47	
126-RC			L2	0.5		
126-RC			EQX1	0.3		
126-RC			EZ	-1		
126-SS	Linear Add	No	DL	1.2	ae7a3bb-363 3-48c2-8aee-7 c88e9c3359e	
126-SS			L2	0.5		
126-SS			EQX1	0.3		
126-SS			EZ	-1		
127-RC	Linear Add	No	DL	1.2	0c17f7ab-57 a5-404b-ae41 -169f7ba48e	
127-RC			L2	0.5		
127-RC			EQX2	0.3		
127-RC			EZ	-1		
127-SS	Linear Add	No	DL	1.2	148b67e-3bd e-4267-a559- 73c0a16676 8	
127-SS			L2	0.5		
127-SS			EQX2	0.3		
127-SS			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
128-RC	Linear Add	No	DL	1.2	3475617141 c4302a3b2c- 886668a2812 6	
128-RC			L2	0.5		
128-RC			EQY1	0.3		
128-RC			EZ	-1		
128-SS	Linear Add	No	DL	1.2	5137ca35-7b aa-45a49ec5- 4ba50a28a50	
128-SS			L2	0.5		
128-SS			EQY1	0.3		
128-SS			EZ	-1		
129-RC	Linear Add	No	DL	1.2	508aa73b-4c 87-48ba3f1a5 -928a3c092f1 3	
129-RC			L2	0.5		
129-RC			EQY2	0.3		
129-RC			EZ	-1		
129-SS	Linear Add	No	DL	1.2	05b957174a 343baa55c4d 389aa970455	
129-SS			L2	0.5		
129-SS			EQY2	0.3		
129-SS			EZ	-1		
130-RC	Linear Add	No	DL	1.2	02a428a1-d8 48-4a55-a727 -d8baa87658 83	
130-RC			L2	0.5		
130-RC			EZ	-1		
130-RC			DX	0.3		
130-SS	Linear Add	No	DL	1.2	a82aa688-c5 05-4745-9837 -7a8b4a62ab 1e	
130-SS			L2	0.5		
130-SS			EZ	-1		
130-SS			DX	0.3		
131-RC	Linear Add	No	DL	1.2	dc748480-ea 34-4178-a57e -445a5c36aa 90	
131-RC			L2	0.5		
131-RC			EZ	-1		
131-RC			DX	0.3		
131-SS	Linear Add	No	DL	1.2	e83a8222-5ef e-484a-872a- 1e385c2e990 e	
131-SS			L2	0.5		
131-SS			EZ	-1		
131-SS			DX	0.3		
132-RC	Linear Add	No	DL	1.2	2a947145-43f 8-428a-97ba- 24da384ae8f	
132-RC			L2	0.5		
132-RC			EQX1	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
132-RC			EZ	1		
132-SS	Linear Add	No	DL	1.2	45477b8-42 1-4a07-580c- ba2a7f110b e	
132-SS			L2	0.5		
132-SS			EQX1	-0.3		
132-SS			EZ	1		
133-RC	Linear Add	No	DL	1.2	a59103ba-41 72453a-88ba -c3ba4021d 8	
133-RC			L2	0.5		
133-RC			EQX2	-0.3		
133-RC			EZ	1		
133-SS	Linear Add	No	DL	1.2	949b68ec-c7 ca-8ba-59a9 -a8ba972ba 01	
133-SS			L2	0.5		
133-SS			EQX2	-0.3		
133-SS			EZ	1		
134-RC	Linear Add	No	DL	1.2	ce5a045-d4 13-48cc-ade6 -707d3aee06 39	
134-RC			L2	0.5		
134-RC			EQY1	-0.3		
134-RC			EZ	1		
134-SS	Linear Add	No	DL	1.2	88915bae-ca 61-43a19250 -a094a15488 5a	
134-SS			L2	0.5		
134-SS			EQY1	-0.3		
134-SS			EZ	1		
135-RC	Linear Add	No	DL	1.2	3baa4a3-abf 1-4832-a2ba- a53ca33897 e	
135-RC			L2	0.5		
135-RC			EQY2	-0.3		
135-RC			EZ	1		
135-SS	Linear Add	No	DL	1.2	17f68401-256 747d1a88c- 508071821e8	
135-SS			L2	0.5		
135-SS			EQY2	-0.3		
135-SS			EZ	1		
136-RC	Linear Add	No	DL	1.2	05a4877f-09 6a-a4a5-86a4 -950e3036a 3a	
136-RC			L2	0.5		
136-RC			EZ	1		
136-RC			DX	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
136-SS	Linear Add	No	DL	1.2	867a11a-4b 8a-4828-971c -940f1580a5 af	
136-SS			L2	0.5		
136-SS			EZ	1		
136-SS			DX	-0.3		
137-RC	Linear Add	No	DL	1.2	f64a5a7-3a1 a408b-82ba- 3076c1f4a8a 1	
137-RC			L2	0.5		
137-RC			EZ	1		
137-RC			DX	-0.3		
137-SS	Linear Add	No	DL	1.2	b9506aa-8d 5d-4784-9a37 -ba9a2782a6 8a	
137-SS			L2	0.5		
137-SS			EZ	1		
137-SS			DX	-0.3		
138-RC	Linear Add	No	DL	1.2	b8b781da-49 714a4a3c578 -5ba797a918 61	
138-RC			L2	0.5		
138-RC			EQX1	-0.3		
138-RC			EZ	-1		
138-SS	Linear Add	No	DL	1.2	836109a-ac7 942ba-a8b2- 0a5c19a126 3	
138-SS			L2	0.5		
138-SS			EQX1	-0.3		
138-SS			EZ	-1		
139-RC	Linear Add	No	DL	1.2	0554a42-41e 143ba-84db- 95a7c9a314 3	
139-RC			L2	0.5		
139-RC			EQX2	-0.3		
139-RC			EZ	-1		
139-SS	Linear Add	No	DL	1.2	9ba083b-82 24313-4200- 703aa95786f 8	
139-SS			L2	0.5		
139-SS			EQX2	-0.3		
139-SS			EZ	-1		
140-RC	Linear Add	No	DL	1.2	2a152ba-15a 145a9-9ba3-4 17323950840	
140-RC			L2	0.5		
140-RC			EQY1	-0.3		
140-RC			EZ	-1		
140-SS	Linear Add	No	DL	1.2	29a8587e-b85 8-4c3a-378c- e441c9a0a9d	
140-SS			L2	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
140-SS			EQY1	-0.3		
140-SS			EZ	-1		
141-RC	Linear Add	No	DL	1.2	5c68826-5c3 14854-a7b5- e4c568a9-42 a	
141-RC			L2	0.5		
141-RC			EQY2	-0.3		
141-RC			EZ	-1		
141-SS	Linear Add	No	DL	1.2	e5897f4-5a0 849a61-ba4c- 35a5f1902a4	
141-SS			L2	0.5		
141-SS			EQY2	-0.3		
141-SS			EZ	-1		
142-RC	Linear Add	No	DL	1.2	8c261a83-46 a048d3-e154 4a52a9a022c 5	
142-RC			L2	0.5		
142-RC			EZ	-1		
142-RC			DX	-0.3		
142-SS	Linear Add	No	DL	1.2	14715b4a-a7 55-40ba-aca9 423ba82106a 2a	
142-SS			L2	0.5		
142-SS			EZ	-1		
142-SS			DX	-0.3		
143-RC	Linear Add	No	DL	1.2	25a0027c-a2 85-4d1c-ba8d -c35aeb8a21 8	
143-RC			L2	0.5		
143-RC			EZ	-1		
143-RC			DX	-0.3		
143-SS	Linear Add	No	DL	1.2	85a4036-6d e2-4a54-b3ac -407939128c 8	
143-SS			L2	0.5		
143-SS			EQX1	-0.3		
143-SS			EZ	-1		
144-RC	Linear Add	No	DL	1.2	571893a-b86 242c-8a623 bf58a0a0a6	
144-RC			L3	0.5		
144-RC			EQX1	0.3		
144-RC			EZ	1		
144-SS	Linear Add	No	DL	1.2	5ea00a8d-2a 2a-40ba-aa33 -a9ba1ba27 2a	
144-SS			L3	0.5		
144-SS			EQX1	0.3		
144-SS			EZ	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
145-RC	Linear Add	No	DL	1.2	6360745-49 54494a-b5f5- 993552a0444 c	
145-RC			L3	0.5		
145-RC			EQX2	0.3		
145-RC			EZ	1		
145-SS	Linear Add	No	DL	1.2	9d1a776-43 864c3b-9709 -c75d0da939 72	
145-SS			L3	0.5		
145-SS			EQX2	0.3		
145-SS			EZ	1		
146-RC	Linear Add	No	DL	1.2	bb22d12d-ee cc-4b55-b54f- c246880707f d	
146-RC			L3	0.5		
146-RC			EQY1	0.3		
146-RC			EZ	1		
146-SS	Linear Add	No	DL	1.2	0960071-8a4 d4d813d11- 9c3e1659781 3	
146-SS			L3	0.5		
146-SS			EQY1	0.3		
146-SS			EZ	1		
147-RC	Linear Add	No	DL	1.2	9db1e54e-09 48-45e9-8e71 -8a6c70338 e	
147-RC			L3	0.5		
147-RC			EQY2	0.3		
147-RC			EZ	1		
147-SS	Linear Add	No	DL	1.2	ca9501d1-d1c3f a-436c-3a95- a820e969800 9	
147-SS			L3	0.5		
147-SS			EQY2	0.3		
147-SS			EZ	1		
148-RC	Linear Add	No	DL	1.2	222a01a9-c3 1e-4a5c-ac30- 7b5cc0c4e 9	
148-RC			L3	0.5		
148-RC			EZ	1		
148-RC			DX	0.3		
148-SS	Linear Add	No	DL	1.2	008947e-571 0-472b-a6f8-9 a22605c19e	
148-SS			L3	0.5		
148-SS			EZ	1		
148-SS			DX	0.3		
149-RC	Linear Add	No	DL	1.2	5b02523a-a7 6e-4d0b-bd85 -a64b4a6935 8f	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
149-RC			L3	0.5		
149-RC			EZ	1		
149-RC			DY	0.3		
149-SS	Linear Add	No	DL	1.2	3ab5981-73b 9-4ee9-b569- 040d114e8f	
149-SS			L3	0.5		
149-SS			EZ	1		
149-SS			DY	0.3		
150-RC	Linear Add	No	DL	1.2	5172b97-e27 a-482-90717 09c1a97a85	
150-RC			L3	0.5		
150-RC			EQX1	0.3		
150-RC			EZ	-1		
150-SS	Linear Add	No	DL	1.2	a114bd59-43f 0-4e7e-e44a- 9ac201ee8 1	
150-SS			L3	0.5		
150-SS			EQX1	0.3		
150-SS			EZ	-1		
151-RC	Linear Add	No	DL	1.2	2203770-018 5-40ea-b60c- cb07849010 0	
151-RC			L3	0.5		
151-RC			EQX2	0.3		
151-RC			EZ	-1		
151-SS	Linear Add	No	DL	1.2	34a4ff5b-a1f a-45e6-b8f5- 0415d9a15c e	
151-SS			L3	0.5		
151-SS			EQX2	0.3		
151-SS			EZ	-1		
152-RC	Linear Add	No	DL	1.2	5c759c0e-01 ed-4d01-ba24 -3f0a5db2b72 d	
152-RC			L3	0.5		
152-RC			EQY1	0.3		
152-RC			EZ	-1		
152-SS	Linear Add	No	DL	1.2	33eeab17-7e 52-4ee8-b6b9 0199a31b29 61	
152-SS			L3	0.5		
152-SS			EQY1	0.3		
152-SS			EZ	-1		
153-RC	Linear Add	No	DL	1.2	c119a200-28e d-4a93-9212- 3703a25e89 5	
153-RC			L3	0.5		
153-RC			EQY2	0.3		
153-RC			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
153-SS	Linear Add	No	DL	1.2	cd0c342d-e3 e5-4207-9304 -f0414a6836 7	
153-SS			L3	0.5		
153-SS			EQY2	0.3		
153-SS			EZ	-1		
154-RC	Linear Add	No	DL	1.2	75538e0a-77 b7-4f5c-bdb7- a8f9b0a346 2	
154-RC			L3	0.5		
154-RC			EZ	-1		
154-RC			DX	0.3		
154-SS	Linear Add	No	DL	1.2	a95b821-c9 b8-478a-9265 -3f80eb7ee6	
154-SS			L3	0.5		
154-SS			EZ	-1		
154-SS			DX	0.3		
155-RC	Linear Add	No	DL	1.2	7520950-05 94-4d0-9a67 -9a15492447 0c	
155-RC			L3	0.5		
155-RC			EZ	-1		
155-RC			DY	0.3		
155-SS	Linear Add	No	DL	1.2	c1700a6-47 8b-4b2d-b13a -a622720e55 9e	
155-SS			L3	0.5		
155-SS			EZ	-1		
155-SS			DY	0.3		
156-RC	Linear Add	No	DL	1.2	f739c0f1-8c7 -9307-8e52-7 5085c251bf	
156-RC			L3	0.5		
156-RC			EQX1	-0.3		
156-RC			EZ	1		
156-SS	Linear Add	No	DL	1.2	0487a868-c3 50-4232-9ee9 -c361c360aa 4b	
156-SS			L3	0.5		
156-SS			EQX1	-0.3		
156-SS			EZ	1		
157-RC	Linear Add	No	DL	1.2	89ab251-2b4 b-4520-a1e5- 276e9a668a2 3	
157-RC			L3	0.5		
157-RC			EQX2	-0.3		
157-RC			EZ	1		
157-SS	Linear Add	No	DL	1.2	5cc20f6-627 1-4b5-b016- 0a8460f0a f	
157-SS			L3	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
157-SS			EQX2	-0.3		
157-SS			EZ	1		
158-RC	Linear Add	No	DL	1.2	942d3919-60 1e-4737-9164- 881e1c3633 3	
158-RC			L3	0.5		
158-RC			EQY1	-0.3		
158-RC			EZ	1		
158-SS	Linear Add	No	DL	1.2	c7d3367e-02 b7-4754-90c0 -e0ee0a9e7 11	
158-SS			L3	0.5		
158-SS			EQY1	-0.3		
158-SS			EZ	1		
159-RC	Linear Add	No	DL	1.2	b280c38e-be 5c-40ea-b60f -88504e2722f 5	
159-RC			L3	0.5		
159-RC			EQY2	-0.3		
159-RC			EZ	1		
159-SS	Linear Add	No	DL	1.2	c69ae93-97e 2-42c8-9a65- 65a379c59e1 5	
159-SS			L3	0.5		
159-SS			EQY2	-0.3		
159-SS			EZ	1		
160-RC	Linear Add	No	DL	1.2	8c1a59b-a69 c-4a9a-c20a- e586eae583 d	
160-RC			L3	0.5		
160-RC			EZ	1		
160-RC			DX	-0.3		
160-SS	Linear Add	No	DL	1.2	ddd00b53-a8 b6-4053-88aa -6c9a80e12 0d	
160-SS			L3	0.5		
160-SS			EZ	1		
161-RC	Linear Add	No	DL	1.2	3a05e717-14f a-487e-9805- 4801258e0a 6	
161-RC			L3	0.5		
161-RC			EZ	1		
161-RC			DY	-0.3		
161-SS	Linear Add	No	DL	1.2	5187e0d-84 9-4e2a-9001- e6a402c2073 b	
161-SS			L3	0.5		
161-SS			EZ	1		
161-SS			DY	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
162.RC	Linear Add	No	DL	1.2	29a95c5c407 a4868a867- c2587a729c b	-0.3
162.RC			L3	0.5		
162.RC			EQX1	-0.3		
162.RC			EZ	-1		
162.SS	Linear Add	No	DL	1.2	29a95c5c407 04033a4d7- 3fba5caad7c	-0.3
162.SS			L3	0.5		
162.SS			EQX1	-0.3		
162.SS			EZ	-1		
163.RC	Linear Add	No	DL	1.2	23768b2389 9414b4394c- 650e81bd79 c	-0.3
163.RC			L3	0.5		
163.RC			EQX2	-0.3		
163.RC			EZ	-1		
163.SS	Linear Add	No	DL	1.2	141bdeb8-43 ad4821-5a8b a9333355a4 07	-0.3
163.SS			L3	0.5		
163.SS			EQX2	-0.3		
163.SS			EZ	-1		
164.RC	Linear Add	No	DL	1.2	43602ba-a19 14746-94d4- 886a97a9024 4	-0.3
164.RC			L3	0.5		
164.RC			EQX1	-0.3		
164.RC			EZ	-1		
164.SS	Linear Add	No	DL	1.2	c08330a8-1b 3340a3d71a3 3a5a5a5711 6	-0.3
164.SS			L3	0.5		
164.SS			EQX1	-0.3		
164.SS			EZ	-1		
165.RC	Linear Add	No	DL	1.2	7d81c0b6-8a c43d4221-7 72522650b8	-0.3
165.RC			L3	0.5		
165.RC			EQX2	-0.3		
165.RC			EZ	-1		
165.SS	Linear Add	No	DL	1.2	19c154ab-94 c5404a51a- 4a97187c7cf	-0.3
165.SS			L3	0.5		
165.SS			EQX2	-0.3		
165.SS			EZ	-1		
166.RC	Linear Add	No	DL	1.2	c45017a3-32 764b5d-a48e -88a8885f0b 7	-0.3
166.RC			L3	0.5		
166.RC			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
166.RC	Linear Add	No	DL	1.2	c8a12e5d-8e 0843bd4958 -ac673b3ba9 64	-0.3
166.SS			L3	0.5		
166.SS			EZ	-1		
166.SS			DX	-0.3		
167.RC	Linear Add	No	DL	1.2	253178d-8ae 548f5-9e71- 222a83ace25 a	-0.3
167.RC			L3	0.5		
167.RC			EZ	-1		
167.RC			DY	-0.3		
167.SS	Linear Add	No	DL	1.2	507d8a71-6a4 4b2f1-ac5b-7b b11105306	-0.3
167.SS			L3	0.5		
167.SS			EZ	-1		
167.SS			DY	-0.3		
168.RC	Linear Add	No	DL	0.9	64f9c8a-54 6243b-a48a- 08a092a30f1 1	-0.3
168.RC			WX1	1.6		
168.SS	Linear Add	No	DL	0.9	8bd701b-b46f b4727d5a8- 23bc4009498	-0.3
168.SS			WX1	1.6		
168.RC	Linear Add	No	DL	0.9	1e3ad771-70 ba436a-9a04 -07330c163a 43	-0.3
169.RC			WX1	1.6		
169.SS	Linear Add	No	DL	1.6	4b587892-4e 0744a6-bc7b- e73a9b07b3a 5	-0.3
169.SS			WX1	1.6		
170.RC	Linear Add	No	DL	0.9	ad8d85b-3a8 84504b4e7- 1c0b8821acc	-0.3
170.RC			WX2	1.6		
170.SS	Linear Add	No	DL	0.9	5b122a95-28f a430b436e- 28e2723a02 7	-0.3
170.SS			WX2	1.6		
171.RC	Linear Add	No	DL	0.9	dc92ab5c-96 eb4033-b425 -038078c112 d8	-0.3
171.RC			WX2	1.6		
171.SS	Linear Add	No	DL	0.9	4bc37a61-b43 74bca-ac61- 5e0cfba8294a	-0.3
171.SS			WX2	1.6		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
172.RC	Linear Add	No	DL	0.9	5701ba6c-53 4844ad-5359 -a8ba9bbe11 54	-0.3
172.RC			EQX1	1		
172.RC			EZ	0.3		
172.SS	Linear Add	No	DL	0.9	51e1cd4-d8e- 47a9c1b-2a 17a8ae378	-0.3
172.SS			EQX1	1		
172.SS			EZ	0.3		
173.RC	Linear Add	No	DL	0.9	ab5511c2-a5 7a489-8693 -86a7f28262 a	-0.3
173.RC			EQX2	1		
173.RC			EZ	0.3		
173.SS	Linear Add	No	DL	0.9	5759a581-0a7 14e5c3d15-3 44939d05a3	-0.3
173.SS			EQX2	1		
173.SS			EZ	0.3		
174.RC	Linear Add	No	DL	0.9	4023b0d4-0c 6648c4951b -a5676a304 a6	-0.3
174.RC			EQX1	1		
174.RC			EZ	0.3		
174.SS	Linear Add	No	DL	0.9	d86c03ad-1d d44ee5-9a04 -7080b356a4 8	-0.3
174.SS			EQX1	1		
174.SS			EZ	0.3		
175.RC	Linear Add	No	DL	0.9	31000c30-5e 30459c-94ba -5ae476a429 28	-0.3
175.RC			EQX2	1		
175.RC			EZ	0.3		
175.SS	Linear Add	No	DL	0.9	918c69a3-48 67414b-6807 -baa5c8e1fa b	-0.3
175.SS			EQX2	1		
175.SS			EZ	0.3		
176.RC	Linear Add	No	DL	0.9	865d3d21-881 54da3-90a5-f 55d3c68a62	-0.3
176.RC			DX	1		
176.SS	Linear Add	No	DL	0.9	2a35a671-d0 c4a66a-ac25- 49735e0772 2	-0.3
176.SS			EZ	0.3		
176.SS			DX	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
177.RC	Linear Add	No	DL	0.9	a67f02b3-33 ef411d5-5255 -3c3ba94521b d6	-0.3
177.RC			EZ	0.3		
177.RC			DY	1		
177.SS	Linear Add	No	DL	0.9	b4904327-c3 734055-91ad -7b50a6809 d0	-0.3
177.SS			EZ	0.3		
177.SS			DY	1		
178.RC	Linear Add	No	DL	0.9	b486eaf6-82b 440ae-8c2c- 82a0a98b20b 1	-0.3
178.RC			EQX1	1		
178.RC			EZ	-0.3		
178.SS	Linear Add	No	DL	0.9	d174d3b-56f b43aeb4b7- 7b58951874f 2	-0.3
178.SS			EQX1	1		
178.SS			EZ	-0.3		
179.RC	Linear Add	No	DL	0.9	1371b44a-ac ba46c-9705 -8146a6bb18 3	-0.3
179.RC			EQX2	1		
179.RC			EZ	-0.3		
179.SS	Linear Add	No	DL	0.9	4d355e04-65 964be1-a408 -8f15ba7e4f c	-0.3
179.SS			EQX2	1		
179.SS			EZ	-0.3		
180.RC	Linear Add	No	DL	0.9	06a3285e-c4 b84402-83bc -8a6f0f63ba 15	-0.3
180.RC			EQX1	1		
180.RC			EZ	-0.3		
180.SS	Linear Add	No	DL	0.9	2e409ba-6aa 14a2-a55ab 5d224f03ba 4	-0.3
180.SS			EQX1	1		
181.RC	Linear Add	No	DL	0.9	b05998b-b8 8c45e44-bbc -28a106473 8c	-0.3
181.RC			EQX2	1		
181.RC			EZ	-0.3		
181.SS	Linear Add	No	DL	0.9	d8ba8511-ea ba404-9a5 -9fa7d6754 8	-0.3
181.SS			EQX2	1		
181.SS			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
192.RC	Linear Add	No	DL	0.9	5e4c453-38 52-4c55-8a7- 6b6e1f023b1 d	
192.RC			EZ	-0.3		
192.RC			DX	1		
192.SS	Linear Add	No	DL	0.9	0ba689e-384 1-4a9a-ac5b- 18574ba9d84 3	
192.SS			EZ	-0.3		
192.SS			DX	1		
193.RC	Linear Add	No	DL	0.9	49a60a80-5c 90-4e59-9a66 -49673ab38 6d	
193.RC			EZ	-0.3		
193.RC			DY	1		
193.SS	Linear Add	No	DL	0.9	236f9e50-0f1 1-43114d3e- 3767094a667	
193.SS			EZ	-0.3		
193.SS			DY	1		
194.RC	Linear Add	No	DL	0.9	67a341c6-1c e1-4e52-aed6 -da26081e61 13	
194.RC			EQX1	-1		
194.RC			EZ	0.3		
194.SS	Linear Add	No	DL	0.9	3a10a172-a7 81-4327-9a65 -a85767e579 1d	
194.SS			EQX1	-1		
194.SS			EZ	0.3		
195.RC	Linear Add	No	DL	0.9	635a81a2-97 b4214-ae1b6 -d71d30a629 6	
195.RC			EQX2	-1		
195.RC			EZ	0.3		
195.SS	Linear Add	No	DL	0.9	b7552603-55 0b-4c52-a1bd -c2729271a 0f	
195.SS			EQX2	-1		
195.SS			EZ	0.3		
196.RC	Linear Add	No	DL	0.9	8c33638-39 a7-46c0-972b -a20X069776 2	
196.RC			EQY1	-1		
196.RC			EZ	0.3		
196.SS	Linear Add	No	DL	0.9	d700c56-73 a0-44a0-ba55 -1a53528cc2 30	
196.SS			EQY1	-1		
196.SS			EZ	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
197.RC	Linear Add	No	DL	0.9	537253a-07 a349a6-a762 -a607a07b3f 6	
197.RC			EQV2	-1		
197.RC			EZ	0.3		
197.SS	Linear Add	No	DL	0.9	de76e26a-8a c2-4235-8c01 -4ba6ea4d09 2	
197.SS			EQV2	-1		
197.SS			EZ	0.3		
198.RC	Linear Add	No	DL	0.9	0226841-c10 4c14-a15d4f 47a083852	
198.RC			EZ	0.3		
198.RC			DX	-1		
198.SS	Linear Add	No	DL	0.9	64f1393d-a5b e-4401-8a83- 7157039a6c5 a	
198.SS			EZ	0.3		
198.SS			DX	-1		
198.RC	Linear Add	No	DL	0.9	708fb74a0-18 9a-439a-97a9 -3b70335543 0f	
198.RC			EZ	0.3		
198.RC			DY	-1		
198.SS	Linear Add	No	DL	0.9	81488979-a05 c4-430a-a6c7 -a60932c797 a6	
198.SS			EZ	0.3		
198.SS			DY	-1		
199.RC	Linear Add	No	DL	0.9	0e155edf-4ab ab-4269-960e -54679ea008 48	
199.RC			EQX1	-1		
199.RC			EZ	0.3		
199.SS	Linear Add	No	DL	0.9	a6f73c24-681 9-4a67-51ce-1 08a3a6f9a5	
199.SS			EQX1	-1		
199.SS			EZ	0.3		
199.RC	Linear Add	No	DL	0.9	4461878b-76 14-4742-8a0d -0528074b66 b	
199.RC			EQX2	-1		
199.RC			EZ	0.3		
199.SS	Linear Add	No	DL	0.9	e3372e75-dcf 5-4a5d-a11f- a85a6c30a7	
199.SS			EQX2	-1		
199.SS			EZ	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
192.RC	Linear Add	No	DL	0.9	b089a5c-42a -423a-9594-9 0910a947c88	
192.RC			EQY1	-1		
192.RC			EZ	-0.3		
192.SS	Linear Add	No	DL	0.9	ca2b2d93-a55 1-4a0d-1a665- 53d52a072b2 f	
192.SS			EQY1	-1		
192.SS			EZ	-0.3		
193.RC	Linear Add	No	DL	0.9	625d1d9e-63f 1-4561-9f6d-8 63c51aa767	
193.RC			EQY2	-1		
193.RC			EZ	-0.3		
193.SS	Linear Add	No	DL	0.9	2d66a98b-b4 a7-4c06-9a60 -56a478a49a3 b	
193.SS			EQY2	-1		
193.SS			EZ	-0.3		
194.RC	Linear Add	No	DL	0.9	a3a39a8-9f1 4-4a16-973d- 5a2a402e7c b	
194.RC			EZ	-0.3		
194.RC			DX	-1		
194.SS	Linear Add	No	DL	0.9	8a09a55-eb9 1-4594-8ee1- 3ed4e4f710b	
194.SS			EZ	-0.3		
194.SS			DX	-1		
195.RC	Linear Add	No	DL	0.9	c34a9a75-dfe 1-44a2-431f4 1cd9ea00a0f	
195.RC			EZ	-0.3		
195.RC			DY	-1		
195.SS	Linear Add	No	DL	0.9	6011499-8e a-415a075- 9950828560 b	
195.SS			EZ	-0.3		
195.SS			DY	-1		
196.RC	Linear Add	No	DL	0.9	7a6a9f02-cfb 6-441e-81e6- a3964c686d 6	
196.RC			EQX1	0.3		
196.RC			EZ	1		
196.SS	Linear Add	No	DL	0.9	43b0235-720 2-4a03-8cc3- b3080a7fb37 4	
196.SS			EQX1	0.3		
196.SS			EZ	1		
197.RC	Linear Add	No	DL	0.9	94f94b4-8c2 -40a6-9a9d-0 9420f1dacc78	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
197.RC			EQX2	0.3		
197.RC			EZ	1		
197.SS	Linear Add	No	DL	0.9	1197b23d-fed 1-4a66-a055- 0967afae87 e	
197.SS			EQX2	0.3		
197.SS			EZ	1		
198.RC	Linear Add	No	DL	0.9	20693de-48 a1-4a8e-801b- 56364f1c3e3	
198.RC			EQY1	0.3		
198.RC			EZ	1		
198.SS	Linear Add	No	DL	0.9	b01557f1-1cb 9-4652-1a5a- 77527d8a005 b	
198.SS			EQY1	0.3		
198.SS			EZ	1		
199.RC	Linear Add	No	DL	0.9	07a0471-040 1-4a66-a011- 51c638a05a 1	
199.RC			EQY2	0.3		
199.RC			EZ	1		
199.SS	Linear Add	No	DL	0.9	d9ea5201-8b 17-4009-a3af -1a301a2c9ef c	
199.SS			EQV2	0.3		
199.SS			EZ	1		
200.RC	Linear Add	No	DL	0.9	19830952-8a 9-459a-8881- 8c8c29308d 5	
200.RC			EZ	1		
200.RC			DX	0.3		
200.SS	Linear Add	No	DL	0.9	e49622c3-37 4a-4a22-896c a86a374daa 3	
200.SS			EZ	1		
200.SS			DX	0.3		
201.RC	Linear Add	No	DL	0.9	60163ab-1c9 2-4a015-030a- 93e13cc524c 2	
201.RC			EZ	1		
201.RC			DY	0.3		
201.SS	Linear Add	No	DL	0.9	78374ab0-e4 28-430c-8c51 -3603608b01 6d	
201.SS			EZ	1		
201.SS			DY	0.3		
202.RC	Linear Add	No	DL	0.9	77060f1-a66 2-4123-a1b7- 1ba0698a7a 7	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
202-RC	Linear Add	No	EQ1	0.3		
202-RC			EZ	-1		
202-SS			DL	0.9	3be5671-481 c-4101-a874- 202c21422a c	
202-SS	Linear Add	No	EQ1	0.3		
202-SS			EZ	-1		
203-RC			DL	0.9	d227506-875 a-4c39-307e- 520e3d7dded 0	
203-RC	Linear Add	No	EQ2	0.3		
203-RC			EZ	-1		
203-SS			DL	0.9	cd874c07-30 e8-4c49-92d9 -7467b2c059 c4	
203-SS	Linear Add	No	EQ2	0.3		
203-SS			EZ	-1		
204-RC			DL	0.9	9eb4592-2a9 a-490-8297- e99e46075c c	
204-RC	Linear Add	No	EQ1	0.3		
204-RC			EZ	-1		
204-SS			DL	0.9	6d95949-45a -430e-9d87-8 e910a195f1	
204-SS	Linear Add	No	EQ1	0.3		
204-SS			EZ	-1		
205-RC			DL	0.9	7d677988-06 d2-418a-804 -aee37636e 6	
205-RC	Linear Add	No	EQ2	0.3		
205-RC			EZ	-1		
205-SS			DL	0.9	997295b-d85 -4b3e-3a52-a 3cd2ee554a6	
205-SS	Linear Add	No	EQ2	0.3		
205-SS			EZ	-1		
206-RC			DL	0.9	3597236-14 04-43b-3805 -db76618321 3a	
206-RC	Linear Add	No	EZ	-1		
206-RC			DX	0.3		
206-SS			DL	0.9	6264943-57 8e-451-4aee5- 05a9e47087 0	
206-SS	Linear Add	No	EZ	-1		
206-SS			DX	0.3		
207-RC			DL	0.9	411059e-32d 1-4186-3847- e98e24e7428 7	
207-RC	Linear Add	No	EZ	-1		
207-RC			DX	0.3		
207-RC			DL	0.9		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
207-RC	Linear Add	No	DY	0.3		
207-SS			DL	0.9	ea5656b-5d9 1-440c-a95c- 70c248b354 6	
207-SS			EZ	-1		
207-SS	Linear Add	No	DY	0.3		
208-RC			DL	0.9	0a3f0d4-144 0-4202-9d64- 8631742d738 2	
208-RC			EQ1	-0.3		
208-RC	Linear Add	No	EZ	1		
208-SS			DL	0.9	c592710d-81 61-470b-9e88 -db3f661c49 9f	
208-SS			EQ1	-0.3		
208-SS	Linear Add	No	EZ	1		
209-RC			DL	0.9	4844c393-ebff -4179-ae52-3 2c402b7a29	
209-RC			EQ2	-0.3		
209-RC	Linear Add	No	EZ	1		
209-SS			DL	0.9	c8f10d6c-10 0-42ee-3b4c- bd4c4c7087 a	
209-SS			EQ2	-0.3		
209-SS	Linear Add	No	EZ	1		
210-RC			DL	0.9	94d12c62-c0 1a-4b5c-9ad1 -d85f363aef1	
210-RC			EQ1	-0.3		
210-RC	Linear Add	No	EZ	1		
210-SS			DL	0.9	093f6b0-044 4-4e519b21b -dd614294d0	
210-SS			EQ1	-0.3		
210-SS	Linear Add	No	EZ	1		
211-RC			DL	0.9	46f645-44b 0-4617-a452- 36178210343 8	
211-RC			EQ2	-0.3		
211-RC	Linear Add	No	EZ	1		
211-SS			DL	0.9	759d145b-e6 98-473b-e61c -1a170d569 59	
211-SS			EQ2	-0.3		
211-SS	Linear Add	No	EZ	1		
212-RC			DL	0.9	a6059503-d3 b8-4328-8c7d -8cf07d593c 2	
212-RC			EQ1	-0.3		
212-RC	Linear Add	No	EZ	1		
212-RC			DX	-0.3		
212-RC			DL	0.9		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
212-SS	Linear Add	No	DL	0.9	4370c252-32 5-4a62-3a67 -0180931779 2	
212-SS			EZ	1		
212-SS			DX	-0.3		
213-RC	Linear Add	No	DL	0.9	400c543-dba e-4146-a60c- 7712ee7e7b 1	
213-RC			EZ	1		
213-RC			DY	-0.3		
213-SS	Linear Add	No	DL	0.9	a608441a-01 4c-471b-a7cd -227959d810 9f	
213-SS			EZ	1		
213-SS			DY	-0.3		
214-RC	Linear Add	No	DL	0.9	ebd16d3-3d0 0d-4ae3-9ed5 -331ba919d2 9	
214-RC			EQ1	-0.3		
214-RC			EZ	-1		
214-SS	Linear Add	No	DL	0.9	a765904-bd4 e-4527-380a- 2a22859f73e 4	
214-SS			EQ1	-0.3		
214-SS			EZ	-1		
215-RC	Linear Add	No	DL	0.9	60c949-2d 1b-47e4-b08 -d5cd70292c 8e	
215-RC			EQ2	-0.3		
215-RC			EZ	-1		
215-SS	Linear Add	No	DL	0.9	e034c4b1-17 8b-4b0c-a7ae -c16c49b373 9	
215-SS			EQ2	-0.3		
215-SS			EZ	-1		
216-RC	Linear Add	No	DL	0.9	90f1a2c4-21 9-4a46-99d6- 9721ba20c72 2	
216-RC			EQ1	-0.3		
216-RC			EZ	-1		
216-SS	Linear Add	No	DL	0.9	5ee03eed-43 e7-4105-a710 -36c0458e65 b	
216-SS			EQ1	-0.3		
216-SS			EZ	-1		
217-RC	Linear Add	No	DL	0.9	59a99991-571 8-483a-a22c- ed9e9e6d0c3 8	
217-RC			EQ2	-0.3		
217-RC			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
217-SS	Linear Add	No	DL	0.9	5b77ab-d73 7-47ee-a24c- 4525082d400 9	
217-SS			EQ2	-0.3		
217-SS			EZ	-1		
218-RC	Linear Add	No	DL	0.9	6a6f6e4a-dab 6-429c-a578-f bdc245898c 1	
218-RC			EZ	-1		
218-RC			DX	-0.3		
218-SS	Linear Add	No	DL	0.9	48c2425d-2d 52-4d73-87d -4b29e693d3 1c	
218-SS			EZ	-1		
218-SS			DX	-0.3		
218-RC	Linear Add	No	DL	0.9	ac03373-7d9 c-4d97-848c-5 259a9bae9 9	
219-RC			EZ	-1		
219-RC			DY	-0.3		
219-SS	Linear Add	No	DL	0.9	e525f1a-927 7-421a-9d4c- 339b0c0c9 c	
219-SS			EZ	-1		
219-SS			DY	-0.3		
219-SS	Linear Add	No	DL	0.2208	ada7f1c4-fed 7-406-3a27- 17b44dbae5	
219-SS			EZ	-1		
219-SS			DX	-0.3		

Table: Material List by Section Property

Table: Material List by Section Property						
Section	Object Type	Number	Length	Weight	Number	Studs
Unless	Unless	Unless	cm	kgf	Unless	Unless
B30X50	Beam	13	5618.377	18750.16	0	
C30X50	Column	6	1350	4860		
C30X30	Column	6	1350	4860		
FB30X205	Beam	6	2897.056	39513.35	0	
S40	Floor			138240		

Table: Material Properties - Concrete Data, Part 1 of 2

Table: Material Properties - Concrete Data, Part 1 of 2						
Material	Fc	LWR Conc	Relief Fr	SS Curve Opt	SS Type	Sfc
Unless	kgf/cm ²	Yes/No	Yes/No	Unless	Unless	on/cm
CON200	200	No	No	Mander	Concrete	0.00219
						0.005
						-0.1

Table: Material Properties - Concrete Data, Part 2 of 2

Table: Material Properties - Concrete Data, Part 2 of 2		
Material	FAngle	DAngle
Unless	deg	deg
CON280	0	0

Table: Material Properties - General

Table: Material Properties - General						
Material	Type	SymType	Grade	Color	GUID	Notes
Unless	Unless	Unless	Unless	Unless	Unless	Unless
2800	Rebar	Uniaxial	Unknown	Yellow	6306502-436 e-4544-3649- 09a365302e 9	
4200	Rebar	Uniaxial	Unknown	Red	55565339-ae ed-475c-8af6- -33704b0119 9f	
A36	Steel	Isotropic	Unknown	Green	02465470-0ab 2-447e-4053- 755694e5077	
A160r270	Tendon	Uniaxial	Unknown	Blue	19wat672-01 1b-41e4-4039 -11d8187b3a 4b	
A572Gr50	Steel	Isotropic	Unknown	Gray/Dark	d4ea00bb-b3 94ab92-99a2 -3c52c3a95a 4c	
CON280	Concrete	Isotropic	Unknown	Magenta	94381a59-92 e2-4e9d-b72d -9eb0cab70d 8f	
MAT	Other	Isotropic	Unknown	Cyan	1abfed2e-08f 8-41c2-9d5e- 5e105d95a62 5	
SN400	Steel	Isotropic	Unknown	Gray/Dark	8e368752-00 cc-4f86-bcac- 40e69a90ab 5	
SN490	Steel	Isotropic	Unknown	Magenta	1ee10226-56 8-410c-a301- 3bee18a9ca 1	

Table: Material Properties - Steel Data, Part 1 of 2

Table: Material Properties - Steel Data, Part 1 of 2								
Material	Fy	Fu	Fye	Fue	SSCurveOpt	SSHydType	StRand	SMax
Unless	kgf/cm ²	kgf/cm ²	kgf/cm ²	kgf/cm ²	Unless	Unless	cm/cm	cm/cm
A36	2500	4000	2500	4000	Simple	Kinematic	0.02	0.14
A572Gr50	3500	4500	3500	4500	Simple	Kinematic	0.015	0.11
SN400	2400	4100	2400	4100	Simple	Kinematic	0.015	0.11
SN490	3300	5000	3300	5000	Simple	Kinematic	0.015	0.11

Table: Material Properties - Steel Data, Part 2 of 2

Table: Material Properties - Steel Data, Part 2 of 2		
Material	SRup	FinalSlope
Unless	cm/cm	Unless
A36	0.2	-0.1
A572Gr50	0.17	-0.1
SN400	0.17	-0.1
SN490	0.17	-0.1

Table: Story Definitions

Table: Story Definitions						
Name	Height	Master Story	Similar To	Splice Story	Color	GUID
Unless	cm	Yes/No	Unless	Yes/No	Unless	Unless
RF	215	No	None	No	Cyan	41a7485-373 1-4032-016e- eaeed02d8e
1MF	255	No	None	No	Magenta	4919631-007 1-403b-b86- 0731-e235he 9
QL	205	No	None	No	Gray/Dark	470751ab-c9f 1-407d-9e8b-4 595e4408d

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Table: Frame Section Property Definitions - Summary, Part 1 of 4

Table: Frame Section Property Definitions - Summary, Part 1 of 4								
Name	Material	Shape	Color	Area	J	I33	I22	As2
Unless	Unless	Unless	Unless	mm ²	mm ⁴	mm ⁴	mm ⁴	mm ²
B30X50	CON280	Concrete	Gray&wik	150000	2017370809	3125000000	1125000000	125000
C50X50	CON280	Concrete	Yellow	250000	8802083333	5208333333	5208333333	208333.3

Table: Frame Section Property Definitions - Summary, Part 2 of 4

Table: Frame Section Property Definitions - Summary, Part 2 of 4								
Name	As3	S33Pos	S33Neg	S22Pos	S22Neg	Z33	Z22	R33
Unless	mm ²	mm ³	mm ³	mm ³	mm ³	mm ³	mm ³	mm ⁴
B30X50	125000	1250000	12500000	7500000	7500000	10750000	11250000	144.3
C50X50	208333.3	2083333.3	20833333.3	20833333.3	20833333.3	31250000	31250000	144.3

Table: Frame Section Property Definitions - Summary, Part 3 of 4

Table: Frame Section Property Definitions - Summary, Part 3 of 4								
Name	R22	CG Offset 3	CG Offset 2	PHA Offset 3	PHA Offset 2	Area Modifier	As2 Modifier	As3 Modifier
Unless	mm	mm	mm	mm	mm	mm	mm	mm
B30X50	86.6	0	0	0	0	0	1	1
C50X50	144.3	0	0	0	0	0	1	1

Table: Frame Section Property Definitions - Summary, Part 4 of 4

Table: Frame Section Property Definitions - Summary, Part 4 of 4						
Name	J Modifier	I33 Modifier	I22 Modifier	Mass Modifier	Weight Modifier	Unless
Unless	mm ⁴	mm ⁴	mm ⁴	mm ⁴	mm ⁴	mm ⁴
B30X50	1	1	1	1	1	1
C50X50	1	1	1	1	1	1

Table: Load Case Definitions - Linear Static, Part 1 of 2

Table: Load Case Definitions - Linear Static, Part 1 of 2								
Name	Exclude Group	Mass Source	Stiffness Type	Load Type	Load Name	Load SF	Design Type	GUID
Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless
DL	None	MsSrc1	P-Delta	Load	DL	1	Program Determined	94c7c035-560a-4680-b540-54c7ec71f170
EQX1	None	MsSrc1	P-Delta	Load	EQX1	1	Program Determined	30062a45-1b38-4670-841d-29e03f0ed6dc
EQX2	None	MsSrc1	P-Delta	Load	EQX2	1	Program Determined	45a104dc-d52e-4c229-9c03-18f703044849
EQY1	None	MsSrc1	P-Delta	Load	EQY1	1	Program Determined	5a220189-d1ee-401a-8c08-1441c6037b35

Page 1 of 57

A
11 月 04 日 2024

ETABS v19.1.0
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Table: Load Case Definitions - Linear Static, Part 2 of 2

Table: Load Case Definitions - Linear Static, Part 2 of 2								
Name	Exclude Group	Mass Source	Stiffness Type	Load Type	Load Name	Load SF	Design Type	GUID
Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless
EQV2	None	MsSrc1	P-Delta	Load	EQV2	1	Program Determined	a9a74605-8c49-404f-8a05-9a5c3554b17e
L1	None	MsSrc1	P-Delta	Load	L1	1	Program Determined	5b73541a-9d42-47f5-a9f5-8b1c5c2a130e
L2	None	MsSrc1	P-Delta	Load	L2	1	Program Determined	0a3075ac-b69f-543a-d30e-4c3305045a
L3	None	MsSrc1	P-Delta	Load	L3	1	Program Determined	60c0c001-8069-4a12-8a67-563692cee4ba
LR	None	MsSrc1	P-Delta	Load	LR	1	Program Determined	4d20c80e-4644-4aa2-ba6d-0283bc-c274c8
WX1	None	MsSrc1	P-Delta	Load	WX1	1	Program Determined	298c29ba-4b1f-4c0e-8beb-f10a0c0f0ba
WX2	None	MsSrc1	P-Delta	Load	WX2	1	Program Determined	b2ee8ec2-462f-4215-a10e-1d3a6c3aef00
WY1	None	MsSrc1	P-Delta	Load	WY1	1	Program Determined	3165483d75a8-4835-01a5-4929430c63e
WY2	None	MsSrc1	P-Delta	Load	WY2	1	Program Determined	a4d80c7e-85e4-4d02-c84d-0f13c0d74423

Table: Load Case Definitions - Linear Static, Part 2 of 2

Table: Load Case Definitions - Linear Static, Part 2 of 2		
Name	Design Type	Notes
Unless	Unless	Unless
DL	Program Determined	
EQX1	Program Determined	
EQX2	Program Determined	
EQY1	Program Determined	
EQV2	Program Determined	
L1	Program Determined	
L2	Program Determined	
L3	Program Determined	
LR	Program Determined	

Page 2 of 57

A
11 月 04 日 2024

ETABS v19.1.0
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Table: Load Case Definitions - Linear Static, Part 2 of 2

Table: Load Case Definitions - Linear Static, Part 2 of 2		
Name	Design Type	Notes
Unless	Unless	Unless
WX1	Program Determined	
WX2	Program Determined	
WY1	Program Determined	
WY2	Program Determined	

Table: Load Combination Definitions

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
1D	Linear Add	No	DL	1	4b050a2c-d7e4-4e73-b307-2c8659c03a10	
1L	Linear Add	No	L1	1	32c08a9-d4a40e-478c5aeece742d3	
1L			L2	1		
1L			L3	1		
1L			LR	1		
1-RC	Linear Add	No	DL	1.4	770a8795-066408-8a672b14c93a8196	
1-SS	Linear Add	No	DL	1.4	34684a5e-8cc44e55-a30b348c05a6674	
2-RC	Linear Add	No	DL	1.2	2bf01919-796f4545-9c5a537fa0c090	
2-RC			L1	1.6		
2-RC			L2	1.6		
2-RC			L3	1.6		
2-RC			LR	0.5		
2-SS	Linear Add	No	DL	1.2	a9a0a09a-72e580c-ba094791504475	
2-SS			L1	1.6		
2-SS			L2	1.6		
2-SS			L3	1.6		
2-SS			LR	0.5		
3-RC	Linear Add	No	DL	1.2	8445b76-8e154127-0309d8a0481971	
3-RC			L2	1.6		
3-RC			LR	0.5		
3-SS	Linear Add	No	DL	1.2	622166b-30414403-8753c2d2778b3e17	

Page 3 of 57

A
11 月 04 日 2024

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Table: Load Combination Definitions

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
3-SS			L2	1.6		
3-SS			LR	0.5		
4-RC	Linear Add	No	DL	1.2	07a62b4-09694743-a051859c571a79	
4-RC			L3	1.6		
4-RC			LR	0.5		
4-SS	Linear Add	No	DL	1.2	79d6a30f-a71f44fa-a8dc-c7591a61b9a	
4-SS			L3	1.6		
4-SS			LR	0.5		
5-RC	Linear Add	No	DL	1.2	a9a0c0b-bb934748-a1ee4360da0b975e	
5-RC			L1	1		
5-RC			L2	0.5		
5-RC			L3	1		
5-RC			LR	1.6		
5-SS	Linear Add	No	DL	1.2	12e428e-289e404c-38ba-f463c748a0c	
5-SS			L1	1		
5-SS			L2	0.5		
5-SS			L3	1		
5-SS			LR	1.6		
6-RC	Linear Add	No	DL	1.2	88ec2f8-b044534-d8ee72b8e443601	
6-RC			L2	0.5		
6-RC			LR	1.6		
6-SS	Linear Add	No	DL	1.2	8a430c12-9a4c4090-ba85187c3ab090	
6-SS			L2	0.5		
6-SS			LR	1.6		
7-RC	Linear Add	No	DL	1.2	7e362f8-ac2d40a0-8000e5ee53a9133	
7-RC			L3	0.5		
7-RC			LR	1.6		
7-SS	Linear Add	No	DL	1.2	7932c944-e04547f6-896d8a4ba37d9	
7-SS			L3	0.5		
7-SS			LR	1.6		
8-RC	Linear Add	No	DL	1.2	5943bc27-6270409b-891f0e789ec3e	
8-RC			LR	1.6		
8-RC			WX1	0.8		

Page 4 of 57

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
8-SS	Linear Add	No	DL	1.2	1005c2c-c7d 34387a325- 63083a2c96 0	
8-SS			LR	1.6		
8-SS			WX1	0.8		
9-RC	Linear Add	No	DL	1.2	27178246-c1 084622a79a -389111482b 28	
9-RC			LR	1.6		
9-RC			WY1	0.8		
9-SS	Linear Add	No	DL	1.2	1ea77135-ce 944524a-221b -7c1ab47f6b c	
9-SS			LR	1.6		
9-SS			WY1	0.8		
10-RC	Linear Add	No	DL	1.2	68c15b6c-35 104802-9b3 -7166e7fe0b f	
10-RC			LR	1.6		
10-RC			WX2	0.8		
10-SS	Linear Add	No	DL	1.2	3cd308e-02a 04451-ac4a- 7e80c0c0c0	
10-SS			LR	1.6		
10-SS			WX2	0.8		
11-RC	Linear Add	No	DL	1.2	a6d8c03a-a4 8a406a487 499c912bc5 a1	
11-RC			LR	1.6		
11-RC			WY2	0.8		
11-SS	Linear Add	No	DL	1.2	9cf4a60b-4f2 d4e6a-d15f- 708a5e4be9 3	
11-SS			LR	1.6		
11-SS			WY2	0.8		
12-RC	Linear Add	No	DL	1.2	9e7b21e5-74 b3-cd30-b464 -8e6c073045f 9	
12-RC			L1	1		
12-RC			L2	0.5		
12-RC			L3	1		
12-RC			WX1	1.6		
12-SS	Linear Add	No	DL	1.2	166977b-650 b439a-a70c- 355ced6e1b b	
12-SS			L1	1		
12-SS			L2	0.5		
12-SS			L3	1		
12-SS			LR	0.5		
12-SS			WX1	1.6		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
13-RC	Linear Add	No	DL	1.2	7570718e-d89 2401a-8c1a9 b0b10e951a	
13-RC			L1	1		
13-RC			L2	0.5		
13-RC			L3	1		
13-RC			LR	0.5		
13-RC			WY1	1.6		
13-SS	Linear Add	No	DL	1.2	16ad111026 a55c3547-d 260710677b	
13-SS			L1	1		
13-SS			L2	0.5		
13-SS			L3	1		
13-SS			LR	0.5		
13-SS			WY1	1.6		
14-RC	Linear Add	No	DL	1.2	8f5a3544-62 94775a3ac- 145033a8ac3 8	
14-RC			L1	1		
14-RC			L2	0.5		
14-RC			L3	1		
14-RC			LR	0.5		
14-RC			WX2	1.6		
14-SS	Linear Add	No	DL	1.2	eb3d5202-72 344c70-a387 -dc6e148325 af	
14-SS			L1	1		
14-SS			L2	0.5		
14-SS			L3	1		
14-SS			LR	0.5		
14-SS			WX2	1.6		
15-RC	Linear Add	No	DL	1.2	3cd78972-0b af43eb33b- 9eb55a221e a	
15-RC			L1	1		
15-RC			L2	0.5		
15-RC			L3	1		
15-RC			LR	0.5		
15-RC			WY2	1.6		
15-SS	Linear Add	No	DL	1.2	75a9b5d4-e 934003-a2bd -0a101201c 3f	
15-SS			L1	1		
15-SS			L2	0.5		
15-SS			L3	1		
15-SS			LR	0.5		
15-SS			WY2	1.6		
16-RC	Linear Add	No	DL	1.2	98aa3045-a4 ca4533-aef9 -a36a56411 3b	
16-RC			L2	0.5		
16-RC			LR	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
16-RC	Linear Add	No	WX1	1.6		
16-SS			DL	1.2	d41ae52-5b 31431a8787 -67f433c3 6	
16-SS			L2	0.5		
16-SS			LR	0.5		
16-SS			WX1	1.6		
17-RC	Linear Add	No	DL	1.2	4779a315-bd 3c466b-8c5a -119a0087eb4 8	
17-RC			L2	0.5		
17-RC			LR	0.5		
17-RC			WY1	1.6		
17-SS	Linear Add	No	DL	1.2	59b130ed-1a 30466c-9b4b 4359ba38a5 3	
17-SS			L2	0.5		
17-SS			LR	0.5		
17-SS			WY1	1.6		
18-RC	Linear Add	No	DL	1.2	3101e8ba-94 466a8504c 1e92600d1	
18-RC			L2	0.5		
18-RC			LR	0.5		
18-RC			WX2	1.6		
18-SS	Linear Add	No	DL	1.2	13b2eae6-79 a145ad-5e07 -25503ad3ba 7	
18-SS			L2	0.5		
18-SS			LR	0.5		
18-SS			WX2	1.6		
19-RC	Linear Add	No	DL	1.2	833c5947-c0 4454c-a18c 1b6c353986f	
19-RC			L2	0.5		
19-RC			LR	0.5		
19-RC			WY2	1.6		
19-SS	Linear Add	No	DL	1.2	121ak330-dd 1d469a-0447 -a974cd375d a1	
19-SS			L2	0.5		
19-SS			LR	0.5		
19-SS			WY2	1.6		
20-RC	Linear Add	No	DL	1.2	262e7fe-074d 438c-a744-c 6112550e80f	
20-RC			L3	0.5		
20-RC			WX1	1.6		
20-SS	Linear Add	No	DL	1.2	8c8cd49-448 547ab-bc54-f d939a07c499	
20-SS			L3	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
20-SS	Linear Add	No	DL	1.2	497c59c2-d47 948c1a40c5 4e1ac08945f	
21-RC			L1	0.5		
21-RC			L2	0.5		
21-RC			LR	0.5		
21-RC			WY1	1.6		
21-SS	Linear Add	No	DL	1.2	4699a6-6d3 74671aaf-15-f 168127bd1d	
21-SS			L3	0.5		
21-SS			LR	0.5		
21-SS			WY1	1.6		
22-RC	Linear Add	No	DL	1.2	c2bae50-1b 304c7532ab -01edf694d1 3	
22-RC			L3	0.5		
22-RC			LR	0.5		
22-RC			WX2	1.6		
22-SS	Linear Add	No	DL	1.2	e756a0b-25 9c474180f- 182c782cc14	
22-SS			L3	0.5		
22-SS			LR	0.5		
22-SS			WX2	1.6		
23-RC	Linear Add	No	DL	1.2	3362a07-e6 c44eb-b096- eb80c22462a 6	
23-RC			L3	0.5		
23-RC			LR	0.5		
23-RC			WY2	1.6		
23-SS	Linear Add	No	DL	1.2	8567286-557 94109-9033- 32859a534a 0	
23-SS			L3	0.5		
23-SS			LR	0.5		
23-SS			WY2	1.6		
24-RC	Linear Add	No	DL	1.2	1b686a30-48 814563-a8b -34a86f-a89 5	
24-RC			L1	1		
24-RC			L2	0.5		
24-RC			L3	1		
24-RC			EQX1	1		
24-RC			EZ	0.3		
24-SS	Linear Add	No	DL	1.2	c52a82c-67e 7479a-b095- 66c519940ad 0	
24-SS			L1	1		
24-SS			L2	0.5		
24-SS			L3	1		
24-SS			EQX1	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
24-SS	Linear Add	No	EZ	0.5	1	
25-RC			DL	1.2	7c4904c1-64b14417-bd0f-c81d6e432b03	
25-RC			L1	1		
25-RC			L2	0.5		
25-RC			L3	1		
25-RC	Linear Add	No	EQX2	1		
25-RC			EZ	0.3		
25-SS			DL	1.2	6a6b05e-9d1c-48d41-inte-f63b6bae27f1	
25-SS			L1	1		
25-SS			L2	0.5		
25-SS	Linear Add	No	L3	1		
25-SS			EQX2	1		
25-SS			EZ	0.3		
25-RC			DL	1.2	c777e8b65-6b9-9-4c72-67b-6714eac5c6e	
26-RC	Linear Add	No	L1	1		
26-RC			L2	0.5		
26-RC			L3	1		
26-RC			EQY1	1		
26-RC			EZ	0.3		
26-SS	Linear Add	No	DL	1.2	48e03bd-01fa-4b2c-8b02-98b64c6b36	
26-SS			L1	1		
26-SS			L2	0.5		
26-SS			L3	1		
26-SS			EQY1	1		
26-SS	Linear Add	No	EZ	0.3		
27-RC			DL	1.2	b14ca27c-1909-421e-53ee-2a8d65248f	
27-RC			L1	1		
27-RC			L2	0.5		
27-RC			L3	1		
27-RC	Linear Add	No	EQY2	1		
27-RC			EZ	0.3		
27-SS			DL	1.2	400f1aeb-b7a1-345b8-a09c-2c77ba7a7a9a	
27-SS			L1	1		
27-SS			L2	0.5		
27-SS	Linear Add	No	L3	1		
27-SS			EQY2	1		
27-SS			EZ	0.3		
28-RC			DL	1.2	6956e0f-0d41-6-4700-366e-6eb510d9e07	
28-RC	Linear Add	No	L1	1		
28-RC			L2	0.5		
28-RC			L3	1		
28-RC			EZ	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
28-RC	Linear Add	No	DL	1.2	68690aaf-3e38-4d4e-47d2-2ba6e24e6d8b	
28-SS			DX	1		
28-SS			L1	1		
28-SS			L2	0.5		
28-SS			L3	1		
28-SS	Linear Add	No	EZ	0.3		
28-SS			DX	1		
29-RC			DL	1.2	e0f6022b-6bf1-4d2e-a0c5-54950ae1203f	
29-RC			L1	1		
29-RC			L2	0.5		
29-RC	Linear Add	No	L3	1		
29-RC			EZ	0.3		
29-RC			DY	1		
29-SS			DL	1.2	d67514a7-5d8f-4b41-b9-6701-dc1b3b9c318	
29-SS	Linear Add	No	L1	1		
29-SS			L2	0.5		
29-SS			L3	1		
29-SS			EZ	0.3		
29-SS			DY	1		
30-RC	Linear Add	No	DL	1.2	070512c-1ac7-4a11-b696-18270ea4472f	
30-RC			L1	1		
30-RC			L2	0.5		
30-RC			L3	1		
30-RC			EQX1	1		
30-SS	Linear Add	No	EZ	0.3		
30-SS			DL	1.2	2e6e678-8b6-e-4b0c7-e14b-b61028fcd4c	
30-SS			L1	1		
30-SS			L2	0.5		
30-SS			L3	1		
30-SS	Linear Add	No	EQX1	1		
30-SS			EZ	0.3		
31-RC			DL	1.2	35967d8-4060-4d0c5-bea8-4641252077	
31-RC			L1	1		
31-RC			L2	0.5		
31-RC	Linear Add	No	L3	1		
31-RC			EQX2	1		
31-RC			EZ	0.3		
31-SS			DL	1.2	0d6f13a-462-5-411c-9a22-ba1e5a4691d	
31-SS	Linear Add	No	L1	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
31-SS	Linear Add	No	L2	0.5		
31-SS			L3	1		
31-SS			EQX2	1		
31-SS			EZ	-0.3		
32-RC			DL	1.2	1c272b1e-b02-489af-bd12-act1ee5a428	
32-RC	Linear Add	No	L1	1		
32-RC			L2	0.5		
32-RC			L3	1		
32-RC			EQY1	1		
32-RC			EZ	-0.3		
32-SS	Linear Add	No	DL	1.2	33d4dded-4a18-4e59-ba7f-d9d6e607092	
32-SS			L1	1		
32-SS			L2	0.5		
32-SS			L3	1		
32-SS			EQY1	1		
32-SS	Linear Add	No	EZ	-0.3		
33-RC			DL	1.2	97b1768-6fa-c-42e6-a001-fee777a0065	
33-RC			L1	1		
33-RC			L2	0.5		
33-RC			L3	1		
33-RC	Linear Add	No	EQY2	1		
33-RC			EZ	-0.3		
33-SS			DL	1.2	e2d9ecf3-729-3-4d75-a14b-a0c1ce595044	
33-SS			L1	1		
33-SS			L2	0.5		
33-SS	Linear Add	No	L3	1		
33-SS			EQY2	1		
33-SS			EZ	-0.3		
34-RC			DL	1.2	3909a9e-42c1-489a-ac09-0087437200e9	
34-RC	Linear Add	No	L1	1		
34-RC			L2	0.5		
34-RC			L3	1		
34-RC			EZ	-0.3		
34-RC			DX	1		
34-SS	Linear Add	No	DL	1.2	077c309a-b961-427b-8cd19-aa1d9abb633b	
34-SS			L1	1		
34-SS			L2	0.5		
34-SS			L3	1		
34-SS			EZ	-0.3		
34-SS	Linear Add	No	DX	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
35-RC	Linear Add	No	DL	1.2	1eae013a-e806-4887-a109-dbe0a58b69d	
35-RC			L1	1		
35-RC			L2	0.5		
35-RC			L3	1		
35-RC			EZ	-0.3		
35-RC	Linear Add	No	DY	1		
35-SS			DL	1.2	873e8003-9a59-4911-a7d6-1a23960e427	
35-SS			L1	1		
35-SS			L2	0.5		
35-SS			L3	1		
35-SS	Linear Add	No	EZ	-0.3		
36-RC			DL	1.2	859ac04-b021-4ae69-9e73-d9e4973a6b6	
36-RC			L1	1		
36-RC			L2	0.5		
36-RC			L3	1		
36-RC	Linear Add	No	EQX1	1		
36-RC			EZ	0.3		
36-SS			DL	1.2	5db20028-92c3-4b11-9f65-af6028631a4	
36-SS			L1	1		
36-SS			L2	0.5		
36-SS	Linear Add	No	L3	1		
36-SS			EQX1	1		
36-SS			EZ	0.3		
37-RC			DL	1.2	402c103b-4a0c-4450-a076-28b6b0d9805c	
37-RC	Linear Add	No	L1	1		
37-RC			L2	0.5		
37-RC			L3	1		
37-RC			EQX2	1		
37-RC			EZ	0.3		
37-SS	Linear Add	No	DL	1.2	a7ba066-9160-4c05-a454-0a6b14c4c975	
37-SS			L1	1		
37-SS			L2	0.5		
37-SS			L3	1		
37-SS			EQX2	1		
37-SS	Linear Add	No	EZ	0.3		
38-RC			DL	1.2	8136e721-3d68-4911-8210-0b8670b1a2c	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
39-RC	Linear Add	No	L1	1		
39-RC			L2	0.5		
39-RC			L3	1		
39-RC			EQV1	-1		
38-RC			EZ	0.3		
38-SS			DL	1.2	ea33e18d-47 1440c03a9c33 -c1087e2d8af	
38-SS			L1	1		
38-SS			L2	0.5		
38-SS			L3	1		
38-SS			EQV1	-1		
38-SS			EZ	0.3		
39-RC	Linear Add	No	DL	1.2	d10b7484-2d 8146d2-9b62 b0ae273002 83	
39-RC			L1	1		
39-RC			L2	0.5		
39-RC			L3	1		
39-RC			EQV2	-1		
39-SS	Linear Add	No	EZ	0.3		
39-SS			DL	1.2	3c83410-e84 146ee-a879- 006e5e5b0b	
39-SS			L1	1		
39-SS			L2	0.5		
39-SS			L3	1		
39-SS	Linear Add	No	EQV2	-1		
39-SS			EZ	0.3		
40-RC			DL	1.2	6930da6-55 004b5-a3a9 -d710c0aee9 56	
40-RC			L1	1		
40-RC			L2	0.5		
40-RC			L3	1		
40-RC			EZ	0.3		
40-RC	Linear Add	No	DX	-1		
40-SS			DL	1.2	723a9151-9a5 644591-9e23- a0539155d9 a	
40-SS			L1	1		
40-SS			L2	0.5		
40-SS			L3	1		
40-SS	Linear Add	No	EZ	0.3		
40-SS			DX	-1		
41-RC			DL	1.2	32b6b76-1e5 e4a689-570b- 685cb69f93 8	
41-RC			L1	1		
41-RC			L2	0.5		
41-RC			L3	1		
41-RC			EZ	0.3		
41-RC			DY	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
41-SS	Linear Add	No	DL	1.2	45f1c146-7c 474740-3a4b -2730a9e21e 25	
41-SS			L1	1		
41-SS			L2	0.5		
41-SS			L3	1		
41-SS			EZ	0.3		
41-SS	Linear Add	No	DY	-1		
42-RC			DL	1.2	68c58273-52 5c4a95-53ae 48a03da11e 7e	
42-RC			L1	1		
42-RC			L2	0.5		
42-RC			L3	1		
42-RC	Linear Add	No	EQX1	-1		
42-RC			EZ	-0.3		
42-SS			DL	1.2	cd8e9936-c6 7b4d10-3ea9 -c132a5-3b2 79	
42-SS			L1	1		
42-SS			L2	0.5		
42-SS	Linear Add	No	L3	1		
42-SS			EQX1	-1		
42-SS			EZ	-0.3		
43-RC			DL	1.2	17e6b04-950 64a6a38e2- 59a5c18600 0	
43-RC	Linear Add	No	L1	1		
43-RC			L2	0.5		
43-RC			L3	1		
43-RC			EQX2	-1		
43-RC			EZ	-0.3		
43-SS	Linear Add	No	DL	1.2	c940320-5c 2a4066-32a8 -143c25a64e 78	
43-SS			L1	1		
43-SS			L2	0.5		
43-SS			L3	1		
43-SS			EQX1	-1		
43-SS	Linear Add	No	EZ	-0.3		
44-RC			DL	1.2	11aecc10-15 b4462a-9f53 -d9ad9f2e6d 92	
44-RC			L1	1		
44-RC			L2	0.5		
44-RC			L3	1		
44-RC	Linear Add	No	EQV1	-1		
44-RC			EZ	-0.3		
44-SS			DL	1.2	82b27752-7b a04c0b-ad37 -2a4951fee54 8	
44-SS			L1	1		
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQX2	-1		
44-SS	Linear Add	No	EZ	-0.3		
44-SS			DL	1.2	255a3da6-09 004d81-8410 -885a693405 43	
44-SS			L1	1		
44-SS			L2	0.5		
44-SS			L3	1		
44-SS	Linear Add	No	EQX2	1		
44-SS			EZ	0.3		
44-SS			DL	1.2	08abda59-c5 d94105-52bd -278c1c1dc6b 1	
44-SS			L2	0.5		
44-SS			EQX2	1		
44-SS	Linear Add	No	EZ	0.3		
44-SS			DL	1.2	604c0591-23 11454c-8818 -a4e1a4e3d 34	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQX1	1		
44-SS	Linear Add	No	DL	1.2	85c97a65-111 3469a-ae0b- ced3da0645	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV1	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	0a867d9d-18 364a07-9006 -d156228116 00	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	890db08-4d 594e4b-8a07 -d6088decd 5c	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQV2	1		
44-SS			EZ	0.3		
44-SS	Linear Add	No	DL	1.2	346b335d-28f 544e6-a0b5- db481290eab	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
52-RC	Linear Add	No	EZ	0.3		
52-RC			DX	1		
52-SS			DL	1.2	a622a64-031 8-4853-5715 6c1158d94d	
52-SS	Linear Add	No	L2	0.5		
52-SS			EZ	0.3		
52-SS			DX	1		
53-RC			DL	1.2	1865487-ad 88-465d-9804 -15850a794e 15	
53-RC	Linear Add	No	L2	0.5		
53-RC			EZ	0.3		
53-RC			DY	1		
53-SS			DL	1.2	10370ea8-bd bd-4d9e-9957 ae7f44f0035 0	
53-SS	Linear Add	No	L2	0.5		
53-SS			EZ	0.3		
53-SS			DY	1		
54-RC			DL	1.2	52872602-42 80-4a4a-94c2 -0770eba0a c3	
54-RC	Linear Add	No	L2	0.5		
54-RC			EQX1	1		
54-RC			EZ	-0.3		
54-SS			DL	1.2	291d7b04-59 d3-44c3-9639 2409ae53376 7	
54-SS	Linear Add	No	L2	0.5		
54-SS			EQX1	1		
54-SS			EZ	-0.3		
55-RC			DL	1.2	62b56115-15 ae-4944-1b9e -de15c2118c 06	
55-RC	Linear Add	No	L2	0.5		
55-RC			EQX2	1		
55-RC			EZ	-0.3		
55-SS			DL	1.2	e591dcd-dbc e-495a-5d4e ed50f5b3305	
55-SS	Linear Add	No	L2	0.5		
55-SS			EQX2	1		
55-SS			EZ	-0.3		
56-RC			DL	1.2	5ae264d2-530 1-48b0-a1cd 877f1a9608c 8	
56-RC	Linear Add	No	L2	0.5		
56-RC			EQY1	1		
56-RC			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
56-SS	Linear Add	No	DL	1.2	65c4c33b-9d7 3-4267-a08e- e4d5e4c206 b	
56-SS			L2	0.5		
56-SS			EQY1	1		
57-RC	Linear Add	No	EZ	-0.3		
57-RC			DL	1.2	91ba9ab-8af 2-41c6-8bd7- 5604c29c296 e	
57-RC			L2	0.5		
57-RC			EQY2	1		
57-RC	Linear Add	No	EZ	-0.3		
57-SS			DL	1.2	72b0db1-6ce d-49f1-ad91- e10ee0a88 7	
57-SS			L2	0.5		
57-SS			EQY2	1		
57-SS	Linear Add	No	EZ	-0.3		
58-RC			DL	1.2	e14781fa-c5e 6-474e-29ba- 5d0e0c3412 2	
58-RC	Linear Add	No	L2	0.5		
58-RC			EZ	-0.3		
58-RC			DX	1		
58-SS			DL	1.2	7b5b4242-e2 e9-4b46-b67c- 5e88c981ca4 8	
58-SS	Linear Add	No	L2	0.5		
58-SS			EZ	-0.3		
58-SS			DX	1		
59-RC			DL	1.2	0a030347-ad 10-400b-b8dd -30a9d265e 73	
59-RC	Linear Add	No	L2	0.5		
59-RC			EZ	-0.3		
59-RC			DY	1		
59-SS			DL	1.2	779437d2-00 c8-493e-0001 -c202e6a480f	
59-SS	Linear Add	No	L2	0.5		
59-SS			EZ	-0.3		
59-SS			DY	1		
60-RC			DL	1.2	02ba0ff-1597 -4e4d-8f1f-02 c85e955e7	
60-RC	Linear Add	No	L2	0.5		
60-RC			EQX1	-1		
60-RC			EZ	0.3		
60-SS			DL	1.2	0ba09d0-c5f 2-430a-a27f- 63da420ee8 9	
60-SS	Linear Add	No	L2	0.5		
60-SS			EQY1	-1		
60-SS			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
60-SS	Linear Add	No	EQX1	-1		
60-SS			EZ	0.3		
61-RC			DL	1.2	024e942-5f af-493a-9907- 01ba04317fd 0	
61-RC	Linear Add	No	L2	0.5		
61-RC			EQX2	-1		
61-RC			EZ	0.3		
61-SS			DL	1.2	54500931-6af d-4ae0-905f- 1fa1f0c4a93c3	
61-SS	Linear Add	No	L2	0.5		
61-SS			EQX2	-1		
61-SS			EZ	0.3		
62-RC			DL	1.2	8898fa50-2a 1c-423a-852e -d9d2191001 7	
62-RC	Linear Add	No	L2	0.5		
62-RC			EQY1	-1		
62-RC			EZ	0.3		
62-SS			DL	1.2	ecfb5cad-7d 0b-4dc0-9d9e4 -4a85420c68 c	
62-SS	Linear Add	No	L2	0.5		
62-SS			EQY1	-1		
62-SS			EZ	0.3		
63-RC			DL	1.2	5515ac1-1dc 1-48e5-9f0a- a5ea7094112 7	
63-RC	Linear Add	No	L2	0.5		
63-RC			EQY2	-1		
63-RC			EZ	0.3		
63-SS			DL	1.2	724ec9d8-d8 8-4c7e-ba6c- d8d23a0e07 8	
63-SS	Linear Add	No	L2	0.5		
63-SS			EQY2	-1		
63-SS			EZ	0.3		
64-RC			DL	1.2	bab446f5-f6e 9-48e9-43e5- e8e030897b d	
64-RC	Linear Add	No	L2	0.5		
64-RC			EZ	0.3		
64-RC			DX	-1		
64-SS			DL	1.2	887a34ab-c9 61-454e-a2b3 -5ee99a29d1 1	
64-SS	Linear Add	No	L2	0.5		
64-SS			EZ	0.3		
64-SS			DX	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
65-RC	Linear Add	No	DL	1.2	2c4a9d1-47 e4-455d-a8dd -35a40b88f3	
65-RC			L2	0.5		
65-RC			EZ	0.3		
65-RC	Linear Add	No	DY	-1		
65-SS			DL	1.2	97d9d9b9-d3 05-493a-66c4 -83e6f904544 1	
65-SS			L2	0.5		
65-SS			EZ	0.3		
66-RC	Linear Add	No	DY	-1		
66-RC			DL	1.2	e9f8baef-e64 3-42b0-b01a- 5d12e4b7f18	
66-RC			L2	0.5		
66-RC			EQX1	-1		
66-RC	Linear Add	No	EZ	-0.3		
66-SS			DL	1.2	04550f0e-85d d-4ac0-917a- 9e3d33bae56 6	
66-SS			L2	0.5		
66-SS			EQX1	-1		
66-SS	Linear Add	No	EZ	-0.3		
67-RC			DL	1.2	95ab493-d8c a-4e23-adv05- 71b70b189 9	
67-RC			L2	0.5		
67-RC			EQX2	-1		
67-RC	Linear Add	No	EZ	-0.3		
67-SS			DL	1.2	d73c2953-14 c3-4005-8a8e -98d93670b5 8	
67-SS			L2	0.5		
67-SS			EQX2	-1		
68-RC	Linear Add	No	DL	1.2	4324916c-98 b0-4275-8903 -3b8e6a69d4	
68-RC			L2	0.5		
68-RC			EQY1	-1		
68-RC			EZ	-0.3		
68-SS	Linear Add	No	DL	1.2	0da65e89-32 1a-4b22-9f0c- 9ac77780d4 1	
68-SS			L2	0.5		
68-SS			EQY1	-1		
69-RC			DL	1.2	c21e0089-c0f 8-4bea-9a8a- c7b58e80270 3	
69-RC	Linear Add	No	L2	0.5		
69-RC			EQY2	-1		
69-RC			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
69-RC	Linear Add	No	EZ	-0.3		
69-SS			DL	1.2	1f43d417-019 84699-620e- 60591c0315 1	
69-SS			L2	0.5		
69-SS			EQY2	-1		
69-SS			EZ	-0.3		
70-RC	Linear Add	No	DL	1.2	9898e5c-45 (6.43b.3-e642 -c01666a6c 56	
70-RC			L2	0.5		
70-RC			EZ	-0.3		
70-RC			DX	-1		
70-SS			DL	1.2	25e0b3a4-4bf d453a-8011- 315a089619 b	
70-SS	Linear Add	No	L2	0.5		
70-SS			EZ	-0.3		
70-SS			DX	-1		
71-RC			DL	1.2	e0f55a0c-d8 53-45a0-9199 -a35746d301 b	
71-RC			L2	0.5		
71-RC	Linear Add	No	EZ	-0.3		
71-RC			DY	-1		
71-SS			DL	1.2	966090c-dc3 a-45a6-9a87- 11466c1511a	
71-SS			L2	0.5		
71-SS			EZ	-0.3		
71-SS	Linear Add	No	DY	-1		
72-RC			DL	1.2	7bf45817-6db c-4586-8db0c- 884fcc6532 6	
72-RC			L3	0.5		
72-RC			EQX1	1		
72-RC			EZ	0.3		
72-SS	Linear Add	No	DL	1.2	8ce0b651-96ff -4bec-80ff-00 199f030515	
72-SS			L3	0.5		
72-SS			EQX1	1		
72-SS			EZ	0.3		
73-RC			DL	1.2	2488e4d4-81 8c-4c4c-ba83 -d113ad3ba8 d5	
73-RC	Linear Add	No	L3	0.5		
73-RC			EQX2	1		
73-RC			EZ	0.3		
73-SS			DL	1.2	6a482168-af8 2-4a61-8cc5- bdcc35d1d4 5	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
73-SS	Linear Add	No	L3	0.5		
73-SS			EQX2	1		
73-SS			EZ	0.3		
74-RC			DL	1.2	25a21596-40 00-49a0-6074 -50244603a 10	
74-RC			L3	0.5		
74-RC	Linear Add	No	EQY1	1		
74-RC			EZ	0.3		
74-SS			DL	1.2	1b3452c5-4e 62-4a03-0128 -45c4e6762 3	
74-SS			L3	0.5		
74-SS			EQY1	1		
74-SS	Linear Add	No	EZ	0.3		
75-RC			DL	1.2	05948acd-0e 3c-4175-99a2 -4d3020e6e 1	
75-RC			L3	0.5		
75-RC			EQY2	1		
75-SS			DL	1.2	1a379e05-7af 2-4b3b-0a1c- bfe65830e44	
75-SS	Linear Add	No	L3	0.5		
75-SS			EQY2	1		
75-SS			EZ	0.3		
76-RC			DL	1.2	09a0c971-dab 2-4a98-8303- 1721c9a67f0 6	
76-RC			L3	0.5		
76-RC	Linear Add	No	EZ	0.3		
76-RC			DX	1		
76-SS			DL	1.2	dd8b707b-1a 24-4eaa-86a6 -0a67713086 b	
76-SS			L3	0.5		
76-SS			EZ	0.3		
76-SS	Linear Add	No	DX	1		
77-RC			DL	1.2	2a6b744a-f1 2-4794-67d1- 708c-89ac852 5	
77-RC			L3	0.5		
77-RC			EZ	0.3		
77-RC			DY	1		
77-SS	Linear Add	No	DL	1.2	4a6275d3-b3 b-4307-a01d- f6a67a6915 8	
77-SS			L3	0.5		
77-SS			EZ	0.3		
77-SS			DY	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
78-RC	Linear Add	No	DL	1.2	263c18a-48 6-40f7-010c9 a19a6577cab	
78-RC			L3	0.5		
78-RC			EQX1	1		
78-RC			EZ	-0.3		
78-SS			DL	1.2	1aa096a9-266 3-4174-9664- 3e10597mf0	
78-SS	Linear Add	No	L3	0.5		
78-SS			EQX1	1		
78-SS			EZ	-0.3		
79-RC			DL	1.2	a391ee4e-43 96-4333-a04f- 7e9e269263 9	
79-RC			L3	0.5		
79-RC	Linear Add	No	EQX2	1		
79-RC			EZ	-0.3		
79-SS			DL	1.2	00062a6-657 6-4a6d-ae2b- 18d3c0c9aa b	
79-SS			L3	0.5		
79-SS			EQX2	1		
80-RC	Linear Add	No	EZ	-0.3		
80-RC			DL	1.2	a267ae48-6a 1e-4049-9c25 -e04599616 54	
80-RC			L3	0.5		
80-RC			EQY1	1		
80-SS			DL	-0.3		
80-SS	Linear Add	No	DL	1.2	0200c14-01c b-4a69-8c20- dbd338a9a8b	
80-SS			L3	0.5		
80-SS			EQY1	1		
80-SS			EZ	-0.3		
81-RC			DL	1.2	adea0b7e-74 52-454b-9450 -a907a5bd2cc 0	
81-RC	Linear Add	No	L3	0.5		
81-RC			EQY2	1		
81-RC			EZ	-0.3		
81-SS			DL	1.2	a66a539-bd 3c-4bcb-b329 -c7186ae72 24	
81-SS			L3	0.5		
81-SS	Linear Add	No	EQY2	1		
81-SS			EZ	-0.3		
82-RC			DL	1.2	108a4218-607 c-43bd-90d4- e3a88994386 5	
82-RC			L3	0.5		
82-RC			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
82-RC	Linear Add	No	DX	1		
82-SS			DL	1.2	b09da653-18b 5-41cb-a97c- 5f63276c899	
82-SS			L3	0.5		
82-SS			EZ	-0.3		
82-SS			DX	1		
83-RC	Linear Add	No	DL	1.2	6cd03ba-1c e4-4220-a994 -d634a17359 b	
83-RC			L3	0.5		
83-RC			EZ	-0.3		
83-RC			DY	1		
83-SS			DL	1.2	75a4d7f0-c1d 1-465a-9774- 02a9e541a6 8	
83-SS	Linear Add	No	L3	0.5		
83-SS			EZ	-0.3		
83-SS			DY	1		
84-RC			DL	1.2	cd433c71-40 b-4b0c-9e91- 38a6e9a44 5	
84-RC			L3	0.5		
84-RC	Linear Add	No	EQX1	-1		
84-RC			EZ	0.3		
84-SS			DL	1.2	7544a508-09 a7-4ee7-a7a4 -c219ebaa1 2d	
84-SS			L3	0.5		
84-SS			EQX1	-1		
84-SS	Linear Add	No	EZ	0.3		
85-RC			DL	1.2	189ce37-15d 3-4732-a9af- ba36a32a642	
85-RC			L3	0.5		
85-RC			EQX2	-1		
85-SS			DL	1.2	1c0c9c53-2d ba-413a-038a -0380e6ade5 8c	
85-SS	Linear Add	No	L3	0.5		
85-SS			EQX2	-1		
85-SS			EZ	0.3		
86-RC			DL	1.2	0efdd14a-0d a3-598-973b -a9548709a c3	
86-RC			L3	0.5		
86-RC	Linear Add	No	EQY1	-1		
86-RC			EZ	0.3		
86-SS			DL	1.2	00c2b44-6ae 5-4439-a00b- 96c39276b9 3	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
86-SS	Linear Add	No	L3	0.5		
86-SS			EQY1	-1		
86-SS			EZ	0.3		
87-RC	Linear Add	No	DL	1.2	f79929a-655 7-4e8b-842a- 45ee9e3c309 4	
87-RC			L3	0.5		
87-RC			EQY2	-1		
87-RC	Linear Add	No	EZ	0.3		
87-SS			DL	1.2	9ed5c209-53 22-4a6c-a1f4- 3a099222c4a f	
87-SS			L3	0.5		
87-SS	Linear Add	No	EQY2	-1		
87-SS			EZ	0.3		
88-RC			DL	1.2	c2e62686-33 c5-4e5b-b804 -d937375a28 36	
88-RC	Linear Add	No	L3	0.5		
88-RC			EZ	0.3		
88-RC			DX	-1		
88-SS	Linear Add	No	DL	1.2	5ab6b138-78c 8-4229-3c4b- c1e02a9d7f4 4	
88-SS			L3	0.5		
88-SS			EZ	0.3		
88-SS	Linear Add	No	DX	-1		
89-RC			DL	1.2	a5e58359-71 c7-4a41-9a69 -c3369265b5 3	
89-RC			L3	0.5		
89-RC	Linear Add	No	EZ	0.3		
89-RC			DY	-1		
89-SS			DL	1.2	90008876-82 64-459e-8073 -c2089e994b 25	
89-SS	Linear Add	No	L3	0.5		
89-SS			EZ	0.3		
89-SS			DY	-1		
90-RC	Linear Add	No	DL	1.2	28019a4-19 88-4a69-9258 -d7c9729d79f 0	
90-RC			L3	0.5		
90-RC			EQX1	-1		
90-RC	Linear Add	No	EZ	-0.3		
90-SS			L3	0.5		
90-SS			EQX1	-1		
90-SS			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
91-RC	Linear Add	No	DL	1.2	1a719e53-623 c-4801-b4e5- 10a67a7a6f1 5	
91-RC			L3	0.5		
91-RC			EQY2	-1		
91-RC	Linear Add	No	EZ	-0.3		
91-SS			DL	1.2	0053ee21-f9c 2-47f0a4cb-c 4b33a6721	
91-SS			L3	0.5		
91-SS	Linear Add	No	EQX2	-1		
91-SS			EZ	-0.3		
92-RC			DL	1.2	089a217-a49 8-4501-888c- e979c00474 7	
92-RC	Linear Add	No	L3	0.5		
92-RC			EQY1	-1		
92-RC			EZ	-0.3		
92-SS	Linear Add	No	DL	1.2	18a69a36-0a a6-4520-baa4 d7f0c36a69 2	
92-SS			L3	0.5		
92-SS			EQY1	-1		
92-SS	Linear Add	No	EZ	-0.3		
93-RC			DL	1.2	a3a9ff72-f38 -4c9f4a0c-3d d8da6c202	
93-RC			L3	0.5		
93-RC	Linear Add	No	EQY2	-1		
93-RC			EZ	-0.3		
93-SS			DL	1.2	5a2ca263-78 2e-4e4b-abc9- 15b71c6b57f	
93-SS	Linear Add	No	L3	0.5		
93-SS			EQY2	-1		
93-SS			EZ	-0.3		
94-RC	Linear Add	No	DL	1.2	9a591a6e-73 04-450c-b164 -8a10959485 4d	
94-RC			L3	0.5		
94-RC			EZ	-0.3		
94-RC	Linear Add	No	DX	-1		
94-SS			DL	1.2	1d69acc1-76f 6-4c76ac3b- 2df1c5ac68f a	
94-SS			L3	0.5		
94-SS	Linear Add	No	EZ	-0.3		
94-SS			DX	-1		
95-RC			DL	1.2	0a4698aa-0c bf-49ab-b45d -4a15c26991 7	
95-RC	Linear Add	No	L3	0.5		
95-RC			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
95-RC	Linear Add	No	DY	-1		
95-SS			DL	1.2	1c11c725-0c 8c-4b4b-b611- 20a0070b61 7	
95-SS			L3	0.5		
95-SS	Linear Add	No	EZ	-0.3		
95-SS			DY	-1		
96-RC			DL	1.2	91ac4876-76 29-4b33-8a82 -5a16161898e a	
96-RC	Linear Add	No	L1	1		
96-RC			L2	0.5		
96-RC			L3	1		
96-RC	Linear Add	No	EQX1	0.3		
96-RC			EZ	1		
96-SS			DL	1.2	7803ba84-f1f 7-4d0c-868b- c02855791a6 3	
96-SS	Linear Add	No	L1	1		
96-SS			L2	0.5		
96-SS			L3	1		
96-SS	Linear Add	No	EQX1	0.3		
96-SS			EZ	1		
97-RC			DL	1.2	2435aba-3e4 a-4694-a633- 8c5e37adda e	
97-RC	Linear Add	No	L1	1		
97-RC			L2	0.5		
97-RC			L3	1		
97-RC	Linear Add	No	EQX2	0.3		
97-RC			EZ	1		
97-SS			DL	1.2	4a7130c9-42 7b-4d1b-a75b -49112d5e1c b2	
97-SS	Linear Add	No	L1	1		
97-SS			L2	0.5		
97-SS			L3	1		
97-SS	Linear Add	No	EQX2	0.3		
97-SS			EZ	1		
98-RC			DL	1.2	b58a8a60-b5 c3-4c04-8595 -7a042a68c 28	
98-RC	Linear Add	No	L1	1		
98-RC			L2	0.5		
98-RC			L3	1		
98-RC	Linear Add	No	EQY1	0.3		
98-RC			EZ	1		
98-SS			DL	1.2	e1a69542-24f 2-4a0a-819e- 16c269d445 5	
98-SS	Linear Add	No	L1	1		
98-SS			L2	0.5		
98-SS			L3	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
98-SS	Linear Add	No	L2	0.5		
98-SS			L3	1		
98-SS			EQY1	0.3		
98-SS	Linear Add	No	EZ	1		
99-RC			DL	1.2	d5c2705b-b1 15-441c-a010 -338925aef3 a	
99-RC			L1	1		
99-RC	Linear Add	No	L2	0.5		
99-RC			L3	1		
99-RC			EQY2	0.3		
99-RC	Linear Add	No	EZ	1		
99-SS			DL	1.2	#7659a4-e30f -4d0c-9d3b-7 7552c35a66a	
99-SS	Linear Add	No	L1	1		
99-SS			L2	0.5		
99-SS			L3	1		
99-SS	Linear Add	No	EQY2	0.3		
99-SS			EZ	1		
100-RC			DL	1.2	3b5a4da-1cf 0-4d26-a3ba- 6d52e9430c 1	
100-RC	Linear Add	No	L1	1		
100-RC			L2	0.5		
100-RC			L3	1		
100-RC	Linear Add	No	EZ	1		
100-RC			DX	0.3		
100-SS			DL	1.2	4102b03a-79 b6-4345-4c23 -2eaf18c337e ef	
100-SS	Linear Add	No	L1	1		
100-SS			L2	0.5		
100-SS			L3	1		
100-SS	Linear Add	No	EZ	1		
100-SS			DX	0.3		
101-RC			DL	1.2	27ba539-6d1 6-4a7f-b09f- e1a0b08a02 9	
101-RC	Linear Add	No	L1	1		
101-RC			L2	0.5		
101-RC			L3	1		
101-RC	Linear Add	No	EZ	1		
101-RC			DY	0.3		
101-SS			DL	1.2	e74bc0de-6c b7-4a3a-a0d1 -14ac1b799 e	
101-SS	Linear Add	No	L1	1		
101-SS			L2	0.5		
101-SS			L3	1		
101-SS	Linear Add	No	EZ	1		
101-SS			DY	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
102-RC	Linear Add	No	DL	1.2	b3352c9e-59 d149c7a88e -6b9d7b3b9	
102-RC			L1	1		
102-RC			L2	0.5		
102-RC			L3	1		
102-RC			EQX1	0.3		
102-RC			EZ	-1		
102-SS	Linear Add	No	DL	1.2	2ab3c98-281 1489a95a5f1 0e4e5195da9	
102-SS			L1	1		
102-SS			L2	0.5		
102-SS			L3	1		
102-SS			EQX1	0.3		
102-SS			EZ	-1		
103-RC	Linear Add	No	DL	1.2	1a063a0-88 544c2a3a39a -3e7bc28623 7	
103-RC			L1	1		
103-RC			L2	0.5		
103-RC			L3	1		
103-RC			EQX2	0.3		
103-RC			EZ	-1		
103-SS	Linear Add	No	DL	1.2	b59a4a04-594 74469-a8f6 8306a89a2f	
103-SS			L1	1		
103-SS			L2	0.5		
103-SS			L3	1		
103-SS			EQX2	0.3		
103-SS			EZ	-1		
104-RC	Linear Add	No	DL	1.2	e0b9a6a0-38 1e4f78e-ac25 -310f1a63a 06	
104-RC			L1	1		
104-RC			L2	0.5		
104-RC			L3	1		
104-RC			EQY1	0.3		
104-RC			EZ	-1		
104-SS	Linear Add	No	DL	1.2	2e0d18a0-79 844eac-c9d 9c0d1f3236 0	
104-SS			L1	1		
104-SS			L2	0.5		
104-SS			L3	1		
104-SS			EQY1	0.3		
104-SS			EZ	-1		
105-RC	Linear Add	No	DL	1.2	db05c9ab-41 d84ff3348c 0445a42435 5	
105-RC			L1	1		
105-RC			L2	0.5		
105-RC			L3	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
105-RC			EQY2	0.3		
105-RC			EZ	-1		
105-SS	Linear Add	No	DL	1.2	69523bc-204 4e9b3a8-55 54bd9d8ec0	
105-SS			L1	1		
105-SS			L2	0.5		
105-SS			L3	1		
105-SS			EQY2	0.3		
105-SS			EZ	-1		
106-RC	Linear Add	No	DL	1.2	32ae183b-3b 0e457c-8ff4 a779265323 9	
106-RC			L1	1		
106-RC			L2	0.5		
106-RC			L3	1		
106-RC			EZ	-1		
106-RC			DX	0.3		
106-SS	Linear Add	No	DL	1.2	3a15ea27-81 d54ee43094 -19c5599511 1	
106-SS			L1	1		
106-SS			L2	0.5		
106-SS			L3	1		
106-SS			EZ	-1		
106-SS			DX	0.3		
107-RC	Linear Add	No	DL	1.2	c79a10a8-0b a8-47fede9dc -871b945ea3 d0	
107-RC			L1	1		
107-RC			L2	0.5		
107-RC			L3	1		
107-RC			EZ	-1		
107-RC			DY	0.3		
107-SS	Linear Add	No	DL	1.2	92a4c074-64 9e4527-a680 -3eb3a38a74 a	
107-SS			L1	1		
107-SS			L2	0.5		
107-SS			L3	1		
107-SS			EZ	-1		
107-SS			DY	0.3		
108-RC	Linear Add	No	DL	1.2	1b8442c-aea 3461ca15c- 1778e5a5735 a	
108-RC			L1	1		
108-RC			L2	0.5		
108-RC			L3	1		
108-RC			EQX1	-0.3		
108-RC			EZ	-1		
108-SS	Linear Add	No	DL	1.2	4576e466-8ef b4b547f7-g 3a663304a4	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
108-SS			L1	1		
108-SS			L2	0.5		
108-SS			L3	1		
108-SS			EQX1	-0.3		
108-SS			EZ	1		
108-RC	Linear Add	No	DL	1.2	83b4540e-9b c741c5a-a39a -d1e5e49ba9 ee	
108-RC			L1	1		
108-RC			L2	0.5		
108-RC			L3	1		
108-RC			EQX2	-0.3		
108-RC			EZ	1		
108-SS	Linear Add	No	DL	1.2	d811954c-d8 204a47-0750 -08952009a 55	
108-SS			L1	1		
108-SS			L2	0.5		
108-SS			L3	1		
108-SS			EQX2	-0.3		
108-SS			EZ	1		
110-RC	Linear Add	No	DL	1.2	53f508b-ad9 14c03a8b-d 9a5338a3a2d7	
110-RC			L1	1		
110-RC			L2	0.5		
110-RC			L3	1		
110-RC			EQY1	-0.3		
110-RC			EZ	1		
110-SS	Linear Add	No	DL	1.2	5c50507a-69a c48b1a5c7c -d4a82898c 0	
110-SS			L1	1		
110-SS			L2	0.5		
110-SS			L3	1		
110-SS			EQY1	-0.3		
110-SS			EZ	1		
111-RC	Linear Add	No	DL	1.2	2a61558c-9ab 643ce-a255 1a0a9a752ac 6	
111-RC			L1	1		
111-RC			L2	0.5		
111-RC			L3	1		
111-RC			EQY2	-0.3		
111-RC			EZ	1		
111-SS	Linear Add	No	DL	1.2	160a07ab-41 634b9b30a1 -8a9a93a80 2	
111-SS			L1	1		
111-SS			L2	0.5		
111-SS			L3	1		
111-SS			EQY2	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
111-SS			EZ	1		
112-RC	Linear Add	No	DL	1.2	359b09b-5ab 94388-ac56 680ba7e504 5	
112-RC			L1	1		
112-RC			L2	0.5		
112-RC			L3	1		
112-RC			EZ	1		
112-RC			DX	-0.3		
112-SS	Linear Add	No	DL	1.2	9a15150c-7f2 548ba-9a42c 4680c52037	
112-SS			L1	1		
112-SS			L2	0.5		
112-SS			L3	1		
112-SS			EZ	1		
112-SS			DX	-0.3		
113-RC	Linear Add	No	DL	1.2	8d2a0c73-03 3d416e-b377 -1e878a23ac 20	
113-RC			L1	1		
113-RC			L2	0.5		
113-RC			L3	1		
113-RC			EZ	1		
113-SS	Linear Add	No	DL	1.2	7a9c3602-76 384d11-82ad -139a45c18 25	
113-SS			L1	1		
113-SS			L2	0.5		
113-SS			L3	1		
113-SS			EZ	1		
113-SS			DY	-0.3		
114-RC	Linear Add	No	DL	1.2	7a3c2e60-b8f c4e75-b70c e1178ae18b d	
114-RC			L1	1		
114-RC			L2	0.5		
114-RC			L3	1		
114-RC			EQX1	-0.3		
114-RC			EZ	-1		
114-SS	Linear Add	No	DL	1.2	4b21c6b-66 647f8a03e- b7da7687b2 0	
114-SS			L1	1		
114-SS			L2	0.5		
114-SS			L3	1		
114-SS			EQX1	-0.3		
114-SS			EZ	-1		
115-RC	Linear Add	No	DL	1.2	2ba03a3b-b5 2746c1a2b3 -f29f522802	
115-RC			L1	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
115.RC	Linear Add	No	L2	0.5		
115.RC			L3	1		
115.RC			EQX2	-0.3		
115.RC			EZ	-1		
115.SS			DL	1.2	bad220cb-38 48-4116-300a -357cde8f1ac 4e	
115.SS	Linear Add	No	L1	1		
115.SS			L2	0.5		
115.SS			L3	1		
115.SS			EQX2	-0.3		
115.SS			EZ	-1		
116.RC	Linear Add	No	DL	1.2	2c3a59a6-4e 57-40ca43a45 -6167526c26 63	
116.RC			L1	1		
116.RC			L2	0.5		
116.RC			L3	1		
116.RC			EQY1	-0.3		
116.RC	Linear Add	No	EZ	-1		
116.SS			DL	1.2	15456c4b-75 62-4c24-0375 -0ea1d1122ab 6	
116.SS			L1	1		
116.SS			L2	0.5		
116.SS			L3	1		
116.SS	Linear Add	No	EQY1	-0.3		
116.SS			EZ	-1		
117.RC			DL	1.2	2a7f104-69b -4232-460a-e 66c8c6d9b7	
117.RC	Linear Add	No	L1	1		
117.RC			L2	0.5		
117.RC			L3	1		
117.RC			EQY2	-0.3		
117.RC			EZ	-1		
117.SS	Linear Add	No	DL	1.2	59d489ac-9d 51-9542-9ab5 -8b1ec2c0bd 3f	
117.SS			L1	1		
117.SS			L2	0.5		
117.SS			L3	1		
117.SS			EQY2	-0.3		
117.SS	Linear Add	No	EZ	-1		
118.RC			DL	1.2	762c49a-3d c3-46d4-83d1 -5b31775d0a 1	
118.RC	Linear Add	No	L1	1		
118.RC			L2	0.5		
118.RC			L3	1		
118.RC			EZ	-1		
118.RC			DX	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
115.SS	Linear Add	No	DL	1.2	6c412a53-77 21-4d65-ae83 -4b5e475ca1 cb	
118.SS			L1	1		
118.SS			L2	0.5		
118.SS			L3	1		
118.SS			EZ	-1		
119.SS	Linear Add	No	DL	1.2	88d954a-3ae 5-43c-3ae5-c 9b0c6a5d3d7	
119.RC			L1	1		
119.RC			L2	0.5		
119.RC			L3	1		
119.RC			EZ	-1		
119.SS	Linear Add	No	DL	1.2	80d4353a-a2 8-470a-a60e- 1ced6c009af 8	
119.SS			L1	1		
119.SS			L2	0.5		
119.SS			L3	1		
119.SS			EZ	-1		
120.RC	Linear Add	No	DL	1.2	d0d186d4-a3 62-430a-8cc9 -db03b07d96 f	
120.RC			L2	0.5		
120.RC			EQX1	0.3		
120.RC			EZ	1		
120.SS			DL	1.2	c3524a60-8c ec-4483-a1d4 -d45aef13ba4 67	
120.SS	Linear Add	No	L2	0.5		
120.SS			EQX1	0.3		
120.SS			EZ	1		
121.RC			DL	1.2	0a5910f7-493 9-43c3-ak91- 7abaf79c17	
121.RC	Linear Add	No	L2	0.5		
121.RC			EQX2	0.3		
121.RC			EZ	1		
121.SS			DL	1.2	21d53b67-a6 98-0551-5a29 -a0c8180415 6	
121.SS	Linear Add	No	L2	0.5		
121.SS			EQX2	0.3		
121.SS			EZ	1		
122.RC			DL	1.2	3a67b2a-967 a-48a4d689- 55d62779339	
122.RC	Linear Add	No	L2	0.5		
122.RC			EQY1	0.3		
122.RC			L2	0.5		
122.RC			EQY1	0.3		
122.RC			EQY1	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
122.RC	Linear Add	No	EZ	1		
122.SS			DL	1.2	447a791-59 4-4441-b375- 2ca77e0829 6	
122.SS			L2	0.5		
122.SS			EQY1	0.3		
123.RC			DL	1.2	b47117b4-19 6a-423a-037c -ccaf167adab 5	
123.RC	Linear Add	No	L2	0.5		
123.RC			EQY2	0.3		
123.RC			EZ	1		
123.SS			DL	1.2	b1511585-1c 32-41d3-9aca -05a607cc75 8	
123.SS	Linear Add	No	L2	0.5		
123.SS			EQY2	0.3		
123.SS			EZ	1		
124.RC			DL	1.2	dbef1ae7-1c ae-4977-abec -2ab973602a a4	
124.RC	Linear Add	No	L2	0.5		
124.RC			EZ	1		
124.RC			DX	0.3		
124.SS			DL	1.2	f61dca51-883 6-44b-b7eb-9 246a26a4	
124.SS	Linear Add	No	L2	0.5		
124.SS			EZ	1		
124.SS			DX	0.3		
125.RC			DL	1.2	0323d591-40 81-42ac-ac08 -8c27798cd0 b	
125.RC	Linear Add	No	L2	0.5		
125.RC			EZ	1		
125.RC			DY	0.3		
125.SS			DL	1.2	0a885a2-120 0-4079-86d4- a50b7594c 6	
125.SS	Linear Add	No	L2	0.5		
125.SS			EZ	1		
125.SS			DY	0.3		
126.RC			DL	1.2	8cf77ab5-1c7 2-4029-a777- 01590e527a	
126.RC	Linear Add	No	L2	0.5		
126.RC			EQY1	0.3		
126.RC			EZ	-1		
126.SS			DL	1.2	e832410a-5e 34-4c0b-9eas -0a786223a 2	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
126.SS	Linear Add	No	DL	1.2	73c9e0e-8a06 b-4157-86d0- a150b99399f d	
127.RC			L2	0.5		
127.RC			EQX2	0.3		
127.RC			EZ	-1		
127.SS			DL	1.2	68263e7d-42 37-45c7-41c3 -4c10759a01 35	
127.SS	Linear Add	No	L2	0.5		
127.SS			EQX2	0.3		
127.SS			EZ	-1		
128.RC			DL	1.2	1cd48a67-ae e9-4e03-60cb -3a3752a704 03	
128.RC	Linear Add	No	L2	0.5		
128.RC			EQY1	0.3		
128.RC			EZ	-1		
128.SS			DL	1.2	89d33dc-9ab 8-4857-093- 712b18a2c07 9	
128.SS	Linear Add	No	L2	0.5		
128.SS			EQY1	0.3		
128.SS			EZ	-1		
129.RC			DL	1.2	2a242a9-78 1a-4a2c-43cb -72b59247ce 8	
129.RC	Linear Add	No	L2	0.5		
129.RC			EQY2	0.3		
129.RC			EZ	-1		
129.SS			DL	1.2	e280598e-ea 9e-45d3-904 -300ba0872c 0	
129.SS	Linear Add	No	L2	0.5		
129.SS			EQY2	0.3		
129.SS			EZ	-1		
130.RC			DL	1.2	75a5726-482 a-45d4-47be- ced72170be 4	
130.RC	Linear Add	No	L2	0.5		
130.RC			EZ	-1		
130.RC			DX	0.3		
130.SS			DL	1.2	43f0e8a3-66 e5-46e-4ab0e -47c39a4540 e9	
130.SS	Linear Add	No	L2	0.5		
130.SS			EZ	-1		
130.SS			DX	0.3		
130.SS			DX	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
131-RC	Linear Add	No	DL	1.2	e252141-223 5-4111-2095- 998516927f 9	
131-RC			L2	0.5		
131-RC			EZ	-1		
131-RC			DY	0.3		
131-SS	Linear Add	No	DL	1.2	f0d2680-767 0-402b-e89c- 6c03336ad2a 4	
131-SS			L2	0.5		
131-SS			EZ	-1		
131-SS			DY	0.3		
132-RC	Linear Add	No	DL	1.2	a0c5563a-18 33-481b-90dd -8a615310199 b	
132-RC			L2	0.5		
132-RC			EQX1	-0.3		
132-RC			EZ	1		
132-SS	Linear Add	No	DL	1.2	18a0905c-9c 47-4785-873e -584e3a0096 ab	
132-SS			L2	0.5		
132-SS			EQX1	-0.3		
132-SS			EZ	1		
133-RC	Linear Add	No	DL	1.2	2a6f1326-309 b-4a99-e9d0- 42a20722a9 5	
133-RC			L2	0.5		
133-RC			EQX2	-0.3		
133-RC			EZ	1		
133-SS	Linear Add	No	DL	1.2	d8d81262-78 02-4345-a8c2 -1147d19a82 ef	
133-SS			L2	0.5		
133-SS			EQX2	-0.3		
133-SS			EZ	1		
134-RC	Linear Add	No	DL	1.2	abcb65d-707 b-489e-a8c6 -6848a422c7 b	
134-RC			L2	0.5		
134-RC			EQY1	-0.3		
134-RC			EZ	1		
134-SS	Linear Add	No	DL	1.2	cta676a-63b 4-4469-9104 78390001201	
134-SS			L2	0.5		
134-SS			EQY1	-0.3		
134-SS			EZ	1		
135-RC	Linear Add	No	DL	1.2	097441d-360 0-443b-a4c2- 9857a745267 e	
135-RC			L2	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
135-RC			EQY2	-0.3		
135-RC			EZ	1		
135-SS	Linear Add	No	DL	1.2	14d7b232-45 1b-45c5-8965 -e8e0847632 2	
135-SS			L2	0.5		
135-SS			EQY2	-0.3		
135-SS			EZ	1		
136-RC	Linear Add	No	DL	1.2	e5e913b-d1 27-47d9-ae14 461c2c237e e	
136-RC			L2	0.5		
136-RC			EZ	1		
136-RC			DX	-0.3		
136-SS	Linear Add	No	DL	1.2	ef8db702-33d b-471e97ae- 4568576e6b c	
136-SS			L2	0.5		
136-SS			EZ	1		
136-SS			DX	-0.3		
137-RC	Linear Add	No	DL	1.2	e70e7d5-45a 1-49a7-894- ba35a0abdd c	
137-RC			L2	0.5		
137-RC			EZ	1		
137-RC			DY	-0.3		
137-SS	Linear Add	No	DL	1.2	0298e940-ad cd-4b1a-901d -7284882de 9f	
137-SS			L2	0.5		
137-SS			EZ	1		
137-SS			DX	-0.3		
138-RC	Linear Add	No	DL	1.2	17178e17-ac 8c-469e-b10a -0786e64ac 8	
138-RC			L2	0.5		
138-RC			EQX1	-0.3		
138-RC			EZ	-1		
138-SS	Linear Add	No	DL	1.2	7a9992a-10 03-852-4347 -8a8a19862 9f	
138-SS			L2	0.5		
138-SS			EQX1	-0.3		
138-SS			EZ	-1		
139-RC	Linear Add	No	DL	1.2	a5c7a57c-54 08-465d-b78b- c421c4252b 9	
139-RC			L2	0.5		
139-RC			EQX2	-0.3		
139-RC			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
139-SS	Linear Add	No	DL	1.2	f0d09a7-2b0 c-4d7d-870c- 8a50c57d2ed b	
139-SS			L2	0.5		
139-SS			EQX2	-0.3		
139-SS			EZ	-1		
140-RC	Linear Add	No	DL	1.2	9cb4b7f1-7a1 b-489e-a8c6- 6848a422c7 b	
140-RC			L2	0.5		
140-RC			EQY1	-0.3		
140-RC			EZ	-1		
140-SS	Linear Add	No	DL	1.2	0c0494a6-20 3a-4719-bc73 -a88f1b0d445 8	
140-SS			L2	0.5		
140-SS			EQY1	-0.3		
140-SS			EZ	-1		
141-RC	Linear Add	No	DL	1.2	a2e184f-321 0-4a24-433a- e10358bdaf 7	
141-RC			L2	0.5		
141-RC			EQY2	-0.3		
141-RC			EZ	-1		
141-SS	Linear Add	No	DL	1.2	144e9e7-235 a-4a02-40c3- 2a8021686d c	
141-SS			L2	0.5		
141-SS			EQY2	-0.3		
141-SS			EZ	-1		
142-RC	Linear Add	No	DL	1.2	3e0c1c5-25 93-0007-0312 -2465001aac 58	
142-RC			L2	0.5		
142-RC			EZ	-1		
142-RC			DX	-0.3		
142-SS	Linear Add	No	DL	1.2	45b49304-6b 82-4646-a9d8 -447118646 6	
142-SS			L2	0.5		
142-SS			EZ	-1		
142-SS			DX	-0.3		
143-RC	Linear Add	No	DL	1.2	64e2659-778 e-6099-90be- 45638510475 9	
143-RC			L2	0.5		
143-RC			EZ	-1		
143-RC			DY	-0.3		
143-SS	Linear Add	No	DL	1.2	7806266-23b 5-4c4b153-6 778426528	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
143-SS			L2	0.5		
143-SS			EZ	-1		
143-SS			DX	-0.3		
144-RC	Linear Add	No	DL	1.2	090ae59d-03 ae-446c-8709 -068c921341 46	
144-RC			L3	0.5		
144-RC			EQX1	0.3		
144-RC			EZ	1		
144-SS	Linear Add	No	DL	1.2	79724ee-944 1-488-307e-4c a652c029f	
144-SS			L3	0.5		
144-SS			EQX1	0.3		
144-SS			EZ	1		
145-RC	Linear Add	No	DL	1.2	b703244a-d5 09-429d-88ce 6c09698ac0 3	
145-RC			L3	0.5		
145-RC			EQX2	0.3		
145-RC			EZ	1		
145-SS	Linear Add	No	DL	1.2	027d7a29-bba c-45b8-8d213 3acbf03d256	
145-SS			L3	0.5		
145-SS			EQX2	0.3		
145-SS			EZ	1		
146-RC	Linear Add	No	DL	1.2	9e0cb932-34 7c-4a20-ade1 -6899ae8082 50	
146-RC			L3	0.5		
146-RC			EQY1	0.3		
146-RC			EZ	1		
146-SS	Linear Add	No	DL	1.2	091e1629-4f6 8-4a29-baee-d b77b85d014a	
146-SS			L3	0.5		
146-SS			EQY1	0.3		
146-SS			EZ	1		
147-RC	Linear Add	No	DL	1.2	8e03390-bef b-49e8-8895- 8c3a84ae772 c	
147-RC			L3	0.5		
147-RC			EQY2	0.3		
147-RC			EZ	1		
147-SS	Linear Add	No	DL	1.2	49f2854-04c b-4249-8f74-9 89851452377	
147-SS			L3	0.5		
147-SS			EQY2	0.3		
147-SS			EZ	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
145-RC	Linear Add	No	DL	1.2	2a5d9e-eed a8-447a-a676 -94226808e 8d	
148-RC			L3	0.5		
148-RC			EZ	1		
148-RC			DX	0.3		
148-SS	Linear Add	No	DL	1.2	c2ea3a6-8c 20-41ea-96d3 c24c2ea239 57	
148-SS			L3	0.5		
148-SS			EZ	1		
148-SS			DX	0.3		
148-RC	Linear Add	No	DL	1.2	c5e19184-d8 5d45ac-829d e89ee228b 1	
148-RC			L3	0.5		
148-RC			EZ	1		
148-RC			DY	0.3		
149-SS	Linear Add	No	DL	1.2	5a4de84-d2f1 4c2f6d41-4 b38da3811d	
149-SS			L3	0.5		
149-SS			EZ	1		
149-SS			DY	0.3		
150-RC	Linear Add	No	DL	1.2	4b02d0a-d27 5-46ba-894-f 548fd2d9d	
150-RC			L3	0.5		
150-RC			EQX1	0.3		
150-RC			EZ	-1		
150-SS	Linear Add	No	DL	1.2	7553705-75 b0-478b-83d9 -3d1-4785327 8f	
150-SS			L3	0.5		
150-SS			EQX1	0.3		
150-SS			EZ	-1		
151-RC	Linear Add	No	DL	1.2	1e21be84-29 a0-22c2e492 -2b4a2e849e 4	
151-RC			L3	0.5		
151-RC			EQX2	0.3		
151-RC			EZ	-1		
151-SS	Linear Add	No	DL	1.2	k2c6e8d-a4e 1-49ab-a78c- c52d32d30f	
151-SS			L3	0.5		
151-SS			EQX2	0.3		
151-SS			EZ	-1		
152-RC	Linear Add	No	DL	1.2	d8ff5078-560 a-413d-951d- d030d2d3007 6	
152-RC			L3	0.5		
152-RC			EQY1	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
152-RC	Linear Add	No	DL	1.2	EZ -1 6a224a2c-b6 b5-442c-87d7 c5198139cd 2	
152-SS			L3	0.5		
152-SS			EQY1	0.3		
153-SS			EZ	-1		
153-RC	Linear Add	No	DL	1.2	95927e9e-63 6-431c-94c4- 3327626cd0 a	
153-RC			L3	0.5		
153-RC			EQY2	0.3		
153-RC			EZ	-1		
153-SS	Linear Add	No	DL	1.2	bcd7a8f7-32e 8-438a-912a- b362a181ad7 1	
153-SS			L3	0.5		
153-SS			EQY2	0.3		
153-SS			EZ	-1		
154-RC	Linear Add	No	DL	1.2	d4a6a9b2-a7 39-420-92ca- 98cd759a13 a	
154-RC			L3	0.5		
154-RC			EZ	-1		
154-RC			DX	0.3		
154-SS	Linear Add	No	DL	1.2	08ec3d7-4eb 0-493d-97d5- 0d41act01a8 5	
154-SS			L3	0.5		
154-SS			EZ	-1		
154-SS			DX	0.3		
155-RC	Linear Add	No	DL	1.2	8c3a5a7-62c a-49b7-ebd5- 8861e65000 0	
155-RC			L3	0.5		
155-RC			EZ	-1		
155-RC			DY	0.3		
155-SS	Linear Add	No	DL	1.2	d1d10564-8fc 5-444a-913a- b1d47e4d12a 3	
155-SS			L3	0.5		
155-SS			EZ	-1		
155-SS			DY	0.3		
156-RC	Linear Add	No	DL	1.2	2bce4894-0e 77-420c-b12d 46a6085227 31	
156-RC			L3	0.5		
156-RC			EQX1	0.3		
156-RC			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
156-SS	Linear Add	No	DL	1.2	4b0c20a-10e e-4514-89d2- 8ba375f1ad5 f	
156-SS			L3	0.5		
156-SS			EQX1	-0.3		
156-SS			EZ	1		
157-RC	Linear Add	No	DL	1.2	3e332c79-7a d1-4b0c-8986 -3eab01770d 63	
157-RC			L3	0.5		
157-RC			EQX2	-0.3		
157-RC			EZ	1		
157-SS	Linear Add	No	DL	1.2	ad9f0a6-337 7-4ba9-ab2a- 09e8e9de77 a	
157-SS			L3	0.5		
157-SS			EQX2	-0.3		
157-SS			EZ	1		
158-RC	Linear Add	No	DL	1.2	4119ae99-3c 2a-4d17-af1b9 -1302a94e0 6e	
158-RC			L3	0.5		
158-RC			EQY1	-0.3		
158-RC			EZ	1		
158-SS	Linear Add	No	DL	1.2	d270e1a6-32 66-4224-90aa -08673fca96 7	
158-SS			L3	0.5		
158-SS			EQY1	-0.3		
158-SS			EZ	1		
159-RC	Linear Add	No	DL	1.2	754e3750-1f1 8-468e-a612- 37e28e24924 2	
159-RC			L3	0.5		
159-RC			EQY2	-0.3		
159-RC			EZ	1		
159-SS	Linear Add	No	DL	1.2	8474096-9d 9-4380-ae9d- e8808082d1 3	
159-SS			L3	0.5		
159-SS			EQY2	-0.3		
159-SS			EZ	1		
160-RC	Linear Add	No	DL	1.2	163d3f9-831 b-4572-9b8c- 6a563af10b3 a	
160-RC			L3	0.5		
160-RC			EZ	1		
160-RC			DX	-0.3		
160-SS	Linear Add	No	DL	1.2	8281a7e-6dc 3-4659-984c 301c37809e	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
160-SS			L3	0.5		
160-SS			EZ	-1		
160-SS			DX	-0.3		
161-RC	Linear Add	No	DL	1.2	b986e528-3d 3a-409c-898f- 883a800db27 c	
161-RC			L3	0.5		
161-RC			EZ	1		
161-RC			DY	-0.3		
161-SS	Linear Add	No	DL	1.2	21b2b300-16 60-4e11-1ba1 -1185e9700a 54	
161-SS			L3	0.5		
161-SS			EZ	1		
161-SS			DY	-0.3		
162-RC	Linear Add	No	DL	1.2	9312008e-05 d1-449e-99ef- a089a8d111 a5	
162-RC			L3	0.5		
162-RC			EQX1	-0.3		
162-RC			EZ	-1		
162-SS	Linear Add	No	DL	1.2	a78e1b5-c21 c-481a2a0b-b e5e6a700b2	
162-SS			L3	0.5		
162-SS			EQX1	-0.3		
162-SS			EZ	-1		
163-RC	Linear Add	No	DL	1.2	98b32f1a-0a 42-4240-95af -1608ac1e8b 4e	
163-RC			L3	0.5		
163-RC			EQX2	-0.3		
163-RC			EZ	-1		
163-SS	Linear Add	No	DL	1.2	33e43e0a-2a 38-4c11-8b21 -5586a4959 4b	
163-SS			L3	0.5		
163-SS			EQX2	-0.3		
163-SS			EZ	-1		
164-RC	Linear Add	No	DL	1.2	27fec8eb-12 b-441e-9d22- 1eb55af1807 d	
164-RC			L3	0.5		
164-RC			EQY1	-0.3		
164-RC			EZ	-1		
164-SS	Linear Add	No	DL	1.2	25ac3885-51 74-320-90a4 4a868b315 a8	
164-SS			L3	0.5		
164-SS			EQY1	-0.3		
164-SS			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
165-RC	Linear Add	No	DL	1.2	165-RC1-153 2-466-86d- 532927f1b3	
165-RC			L3	0.5		
165-RC			EOV2	-0.3		
165-RC			EZ	-1		
165-SS	Linear Add	No	DL	1.2	ab022ad-41 38-47-cb-b65 b-49d075d13 d	
165-SS			L3	0.5		
165-SS			EOV2	-0.3		
165-SS			EZ	-1		
166-RC	Linear Add	No	DL	1.2	af1c1b34-329 8-4987-4215 00ab9e4a800 4	
166-RC			L3	0.5		
166-RC			EZ	-1		
166-RC			DX	-0.3		
166-SS	Linear Add	No	DL	1.2	84b1f0d-0c3 4-4151-9465- 0a013714a02 3	
166-SS			L3	0.5		
166-SS			EZ	-1		
166-SS			DX	-0.3		
167-RC	Linear Add	No	DL	1.2	45d72261-e6 0a-403b-8d77 -24271ed678 5	
167-RC			L3	0.5		
167-RC			EZ	-1		
167-RC			DY	-0.3		
167-SS	Linear Add	No	DL	1.2	7ea2ca9e-1e 1d-4908-3677 -1256e6d3b 1a	
167-SS			L3	0.5		
167-SS			EZ	-1		
167-SS			DY	-0.3		
168-RC	Linear Add	No	DL	0.9	2c314423-60 be-4c05-8c4e- 25b7207d148 8	
168-RC			WX1	1.6		
168-SS	Linear Add	No	DL	0.9	6030a02-7f8 7-415b-9117-d 41bc56da843	
168-SS			WX1	1.6		
169-RC	Linear Add	No	DL	0.9	9a088054-1a 8a-4418-4344 -d08e17182 4	
169-RC			WV1	1.6		
169-SS	Linear Add	No	DL	0.9	20aa39e-4c 23-476-8c34 -14a42a8f1d 3	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
169-SS	Linear Add	No	WV1	1.6		
170-RC			DL	0.9	ea663ed-5a b2-4077-1d011 -2910ae215 a6	
170-RC			WX2	1.6		
170-SS	Linear Add	No	DL	0.9	4e50e82-98 2c-453b-81a5 4-076659209 7b	
170-SS			WX2	1.6		
171-RC	Linear Add	No	DL	0.9	5f162a91-883 a-4a8b-42eb- 2073eac4dad	
171-RC			WV2	1.6		
171-SS	Linear Add	No	DL	0.9	ae558b-2a5 e-453b-a001- 52cc54c2e8e 4	
171-SS			WV2	1.6		
172-RC	Linear Add	No	DL	0.9	788415cd-2d 4a-aa7a-9d05- 85c2a093bc 9	
172-RC			EQX1	1		
172-RC			EZ	0.3		
172-SS	Linear Add	No	DL	0.9	53256ae1-d9 8-40c-9bac5- 79ba9574b2d 5	
172-SS			EQX1	1		
173-SS			EZ	0.3		
173-RC	Linear Add	No	DL	0.9	1a898a524-27 4e-4e73-8332 -3c36eadda a	
173-RC			EQX2	1		
173-RC			EZ	0.3		
173-SS	Linear Add	No	DL	0.9	8b6d6e12-e1d 1-4d71-3d0e- 339d6ae13 8	
173-SS			EQX2	1		
173-SS			EZ	0.3		
174-RC	Linear Add	No	DL	0.9	1784a58b-0a ac-4e1b-9a4b -2a060138a2 1	
174-RC			EQY1	1		
174-RC			EZ	0.3		
174-SS	Linear Add	No	DL	0.9	81d3a31-4b5 4-27a-d031-4 b190a2c5dbc 1	
174-SS			EQY1	1		
174-SS			EZ	0.3		
175-RC	Linear Add	No	DL	0.9	45a675a0-42 2-433b-433b -3a4a9861fb 0	
175-RC			EQY2	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
175-RC	Linear Add	No	DL	0.3	1634442-2b af-43ae-8c5e- 02ac3acac5 3	
175-SS			EOV2	1		
175-SS			EZ	0.3		
176-RC	Linear Add	No	DL	0.9	278b167-23 94-4c23-b86f -30f9eac3911 7	
176-RC			EZ	0.3		
176-RC			DX	1		
176-SS	Linear Add	No	DL	0.9	5d261434-63 5a-cc53a008 -5db3545a2 9e	
176-SS			EZ	0.3		
176-SS			DX	1		
177-RC	Linear Add	No	DL	0.9	6e1670b-2b6 4-4e2-4d92-1 5e6b88b572	
177-RC			EZ	0.3		
177-RC			DY	1		
177-SS	Linear Add	No	DL	0.9	336340e1-91 e7-472b-97b5 -1a9d9f53e1 a5	
177-SS			EZ	0.3		
177-SS			DY	1		
178-RC	Linear Add	No	DL	0.9	baf7e3a1-c2 9e-4ba3-8e71 -da34b697daf 5	
178-RC			EQX1	1		
178-RC			EZ	-0.3		
178-SS	Linear Add	No	DL	0.9	5a658b-e1-660 e-4e46-ac35- 2af70ccad90 7	
178-SS			EQX1	1		
178-SS			EZ	-0.3		
179-RC	Linear Add	No	DL	0.9	Q238233-e29 7-4a0b-ba84- a2b9a3a617a c	
179-RC			EQX2	1		
179-RC			EZ	-0.3		
179-SS	Linear Add	No	DL	0.9	cc016db-6a 23-4a55-59a6 -86c05aaf13 e	
179-SS			EQX2	1		
179-SS			EZ	-0.3		
180-RC	Linear Add	No	DL	0.9	067aoc14-d4 8-430a-4601 -23ba4758ed cc	
180-RC			EQY1	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
180-RC			DL	-0.3		
180-SS	Linear Add	No	DL	0.9	985250a-93 c8-404c-ae9- d9a239c2944 9	
180-SS			EQY1	1		
180-SS			EZ	-0.3		
181-RC	Linear Add	No	DL	0.9	c5b720b-3e 4-4a0f-3b1c- 61c19a5c-2d9 1	
181-RC			EQY2	1		
181-RC			EZ	-0.3		
181-SS	Linear Add	No	DL	0.9	37ae5a75-7c 72-413a-e1b5 -45d0a0148 23	
181-SS			EQY2	1		
181-SS			EZ	-0.3		
182-RC	Linear Add	No	DL	0.9	8867019-cd4 4-4d31-ac2b5- 6b1598b1c	
182-RC			EZ	-0.3		
182-RC			DX	1		
182-SS	Linear Add	No	DL	0.9	69c4399f-dfd e-4a6e-a065- b7c188b2bd c	
182-SS			EZ	-0.3		
182-SS			DX	1		
183-RC	Linear Add	No	DL	0.9	705a5902-4a 45-4e12-a2df -1fa07775a0	
183-RC			EZ	-0.3		
183-RC			DY	1		
183-SS	Linear Add	No	DL	0.9	3a6a9f04-60f e-4a75-a09f- 3aaf14529a2 0	
183-SS			EZ	-0.3		
183-SS			DL	0.9	129a945-53 4a-4432-32ef -31d886705 a9	
184-RC			EQX1	-1		
184-RC			EZ	0.3		
184-SS	Linear Add	No	DL	0.9	1b202a00-4a6 85-4b21-9019 -a32c3a57a9 0c	
184-SS			EQX1	-1		
184-SS			EZ	0.3		
185-RC	Linear Add	No	DL	0.9	1347d4d-ea2 8-4d2b-bd01- 9a2c6a6b6c 4	
185-RC			EQX2	-1		
185-RC			EZ	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
195-SS	Linear Add	No	DL	0.9	7314c9a-5d2 b-49c-8c46-6 5a9740271b	
185-SS			EQX2	-1		
185-SS			EZ	0.3		
188-RC	Linear Add	No	DL	0.9	1c74b9d9-9e 7c407e-b65d -88b4852095 49	
188-RC			EQY1	-1		
188-RC			EZ	0.3		
188-SS	Linear Add	No	DL	0.9	37085d48-92 00-404-88d5- 52c01b63397 5	
188-SS			EQY1	-1		
188-SS			EZ	0.3		
187-RC	Linear Add	No	DL	0.9	58789d3-a3 07-4c72-4986 -a6c24d6860 3	
187-RC			EQY2	-1		
187-RC			EZ	0.3		
187-SS	Linear Add	No	DL	0.9	d94d99d-4a 52-42b-a95d -1b11e21a07 7f	
187-SS			EQY2	-1		
187-SS			EZ	0.3		
188-RC	Linear Add	No	DL	0.9	695569d-e5 9d4a3d1-81d -a97b75a226 51	
188-RC			EZ	0.3		
188-RC			DX	-1		
188-SS	Linear Add	No	DL	0.9	9e5d00d5-26 n6-4127-911b -d57d637448 4	
188-SS			EZ	0.3		
188-SS			DX	-1		
189-RC	Linear Add	No	DL	0.9	80d88b-456 1-4e6e-ac45- 2b17b2579c f	
189-RC			EZ	0.3		
189-RC			DY	-1		
189-SS	Linear Add	No	DL	0.9	9800ba0-42 42-4d9-930a -4052ae7201 f	
189-SS			EZ	0.3		
189-SS			DY	-1		
190-RC	Linear Add	No	DL	0.9	85191686-39f 7-4986-a94f6 2545d91e9d6	
190-RC			EQX1	-1		
190-RC			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
190-SS	Linear Add	No	DL	0.9	3c7c9f6-20f e-483c-a22d1 4ff16d1a2d	
190-SS			EQX1	-1		
190-SS			EZ	-0.3		
191-RC	Linear Add	No	DL	0.9	2b6ed0c-268 a-407e-a785- 269ad0d659 1	
191-RC			EQX2	-1		
191-RC			EZ	-0.3		
191-SS	Linear Add	No	DL	0.9	b7f1e099-ae0 e-4983-86e- e56f1e9d015 5	
191-SS			EQX2	-1		
191-SS			EZ	-0.3		
192-RC	Linear Add	No	DL	0.9	1ae7906-5ad e-4247-b395- c20723076a 7	
192-RC			EQY1	-1		
192-RC			EZ	-0.3		
192-SS	Linear Add	No	DL	0.9	1cc72771-4dd b-4669-93d0- 7268b4ac6e b	
192-SS			EQY1	-1		
192-SS			EZ	-0.3		
193-RC	Linear Add	No	DL	0.9	da472d8d-38 1d-4d35-89d1 -d9b773239ff	
193-RC			EQY2	-1		
193-RC			EZ	-0.3		
193-SS	Linear Add	No	DL	0.9	39a099a-413 d-4759-9a04 -d819e578be 07	
193-SS			EQY2	-1		
193-SS			EZ	-0.3		
194-RC	Linear Add	No	DL	0.9	402038d-6b 2-4d8d-656-e 26224a0d0f	
194-RC			EZ	-0.3		
194-RC			DX	-1		
194-SS	Linear Add	No	DL	0.9	1bd2d65-6db c-4a45-8a0c- 90ac72d04d2	
194-SS			EZ	-0.3		
194-SS			DX	-1		
194-SS			DY	-1		
195-RC	Linear Add	No	DL	0.9	b6d4016-6ac 8-4d6e-9772- e6f146591a2d 0	
195-RC			EZ	-0.3		
195-RC			DY	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
195-SS	Linear Add	No	DL	0.9	3375d8d-3c 8-4d51-4d19c- b6a3ba25d0 a	
195-SS			EZ	-0.3		
195-SS			DY	-1		
196-RC	Linear Add	No	DL	0.9	95d7676-56d 0-446e-a26e- 1bd080132b 7	
196-RC			EQX1	0.3		
196-RC			EZ	1		
196-SS	Linear Add	No	DL	0.9	8574b6d-bb 0-4dc3-0191-1 9a05334ca45	
196-SS			EQX1	0.3		
196-SS			EZ	1		
197-RC	Linear Add	No	DL	0.9	adba9521-a05 5-4e1a-ac9d- d25ea01549e f	
197-RC			EQX2	0.3		
197-RC			EZ	1		
197-SS	Linear Add	No	DL	0.9	5910b2-bf1e- 4a15-ba4c-4d 34d7b559d5	
197-SS			EQX2	0.3		
197-SS			EZ	1		
198-RC	Linear Add	No	DL	0.9	c3814a0d-63 814e5-945a- c2b1095863 9	
198-RC			EQY1	0.3		
198-RC			EZ	1		
198-SS	Linear Add	No	DL	0.9	H268e9-5dc 5-48ce-91d5- 5a9c3a4974 c	
198-SS			EQY1	0.3		
198-SS			EZ	1		
199-RC	Linear Add	No	DL	0.9	bda074b2-1e 25-4e65-a9d4 -5d8b70720e 9	
199-RC			EQY2	0.3		
199-RC			EZ	1		
199-SS	Linear Add	No	DL	0.9	4a7792d2-7b e4-4276-4b75 -1310d74a29 f	
199-SS			EQY2	0.3		
199-SS			EZ	1		
200-RC	Linear Add	No	DL	0.9	1d1d01a-a0e 5-4ced-bae2- 29d5190916 1	
200-RC			EZ	1		
200-RC			DX	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
200-SS	Linear Add	No	DL	0.9	073a105-4ea 4-4c3b-59d3- 349a66d3467	
200-SS			EZ	1		
200-SS			DX	0.3		
201-RC	Linear Add	No	DL	0.9	41e12532-21 71-4119-6207 -6871d9843f 7	
201-RC			EZ	1		
201-RC			DY	0.3		
201-SS	Linear Add	No	DL	0.9	526991be-59 62-4a35-8a40 -d99d6dc78a 91	
201-SS			EZ	1		
201-SS			DY	0.3		
202-RC	Linear Add	No	DL	0.9	36789250-64 05-42ae-b71a -6057023717 34	
202-RC			EQX1	0.3		
202-RC			EZ	-1		
202-SS	Linear Add	No	DL	0.9	4eca2d4d-d6 86-478a-0cc3 -a987269c20	
202-SS			EQX1	0.3		
202-SS			EZ	-1		
203-RC	Linear Add	No	DL	0.9	553465d-45 b1-42e4-9a59 -0a018d5a40 9	
203-RC			EQX2	0.3		
203-RC			EZ	-1		
203-SS	Linear Add	No	DL	0.9	2640599f-d83 3-4a0d-9a6c- b2770d708c5	
203-SS			EQX2	0.3		
203-SS			EZ	-1		
204-RC	Linear Add	No	DL	0.9	db531ebd-01 41-4d4d-9327 -2c37a6614 e0	
204-RC			EQY1	0.3		
204-RC			EZ	-1		
204-SS	Linear Add	No	DL	0.9	0772096-658 1427b-53a5- 0d8fa12a92c1	
204-SS			EQY1	0.3		
204-SS			EZ	-1		
205-RC	Linear Add	No	DL	0.9	092e78d-2a 61-4011-b99a -380a4d39d 0c	
205-RC			EQY2	0.3		
205-RC			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
205-SS	Linear Add	No	DL	0.9	469e95a2-2333-42e1-b5a2-7594a472720	
205-SS			EQY2	0.3		
205-SS			EZ	-1		
206-RC	Linear Add	No	DL	0.9	02695f6-27e4-4910-a591-a53291168a1	
206-RC			EZ	-1		
206-RC			DX	0.3		
206-SS	Linear Add	No	DL	0.9	31531807-4b4b-4203-9103-e53f9cc28f8	
206-SS			EZ	-1		
206-SS			DX	0.3		
207-RC	Linear Add	No	DL	0.9	77a9ba59-7a29-41ea-926a-d81555c567f5	
207-RC			EZ	-1		
207-RC			DY	0.3		
207-SS	Linear Add	No	DL	0.9	8e9c41fe-47b2-40c1-885c-3779e9e4945	
207-SS			EZ	-1		
207-SS			DY	0.3		
208-RC	Linear Add	No	DL	0.9	a0d9d114-4281-4699-b01a-47151a43113a	
208-RC			EQX1	-0.3		
208-RC			EZ	1		
208-SS	Linear Add	No	DL	0.9	1cf55927-3d31-44e3-9207-dc28ba48e62	
208-SS			EQX1	-0.3		
208-SS			EZ	1		
209-RC	Linear Add	No	DL	0.9	cea22ba3-618e-4450-8e03-7a56415231c	
209-RC			EQX2	-0.3		
209-RC			EZ	1		
209-SS	Linear Add	No	DL	0.9	59d4128e-3a4a-4397-84dc-9c982363a6c	
209-SS			EQX2	-0.3		
209-SS			EZ	1		
210-RC	Linear Add	No	DL	0.9	95ac3b4e-0a1e-4f18-bd51-a3a5662456b0	
210-RC			EQY1	-0.3		
210-RC			EZ	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
210-SS	Linear Add	No	DL	0.9	437d512-1a032-4941-850d-820ba5698d3d	
210-SS			EQY1	-0.3		
210-SS			EZ	1		
211-RC	Linear Add	No	DL	0.9	baf4949e-c218-4ae3-b8bb-a4f7f1a62be1	
211-RC			EQY2	-0.3		
211-RC			EZ	1		
211-SS	Linear Add	No	DL	0.9	9f5a8d91-a537-4aee-bba5-76d0a385b028	
211-SS			EQY2	-0.3		
211-SS			EZ	1		
212-RC	Linear Add	No	DL	0.9	96ae757d-502b-4508-9a31-d8e12091c1bd	
212-RC			EZ	1		
212-RC			DX	-0.3		
212-SS	Linear Add	No	DL	0.9	a933d517-469a-473a-8703-93e711e02a55	
212-SS			EZ	1		
212-SS			DX	-0.3		
213-RC	Linear Add	No	DL	0.9	919bc144-c68c-43e5-bcab-30a015a6711f	
213-RC			EZ	1		
213-RC			DY	-0.3		
213-SS	Linear Add	No	DL	0.9	6f02435b-a76f4-4259-8a7a-5b2a7ee12958	
213-SS			EZ	1		
213-SS			DY	-0.3		
214-RC	Linear Add	No	DL	0.9	2a50dae1-ec43-4105-8e26-7701c077870b	
214-RC			EQX1	-0.3		
214-RC			EZ	-1		
214-SS	Linear Add	No	DL	0.9	26a96523-4887-464b-9956-47191478061b	
214-SS			EQX1	-0.3		
214-SS			EZ	-1		
215-RC	Linear Add	No	DL	0.9	ed378955-e249-4478-b159-4612a85c4908	
215-RC			EQX2	-0.3		
215-RC			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
215-SS	Linear Add	No	DL	0.9	21e6c5f7-4a81-4462-85cc-5e76a27a9684	
215-SS			EQX2	-0.3		
215-SS			EZ	-1		
216-RC	Linear Add	No	DL	0.9	b0d03fa-8251-41b5-b05a-0bd94b1869b8	
216-RC			EQY1	-0.3		
216-RC			EZ	-1		
216-SS	Linear Add	No	DL	0.9	aec25857-1410-4a8b-9ed2-a52abae4e3171	
216-SS			EQY1	-0.3		
216-SS			EZ	-1		
217-RC	Linear Add	No	DL	0.9	e0b29e50-098-4a6b-9f14-8523100173c	
217-RC			EQY2	-0.3		
217-RC			EZ	-1		
217-SS	Linear Add	No	DL	0.9	3db5530a-0763-4d71-b957-c1f6320a850	
217-SS			EQY2	-0.3		
217-SS			EZ	-1		
218-RC	Linear Add	No	DL	0.9	00b3a07a-4af6-44e4-ad31-f14739606a4e	
218-RC			EZ	-1		
218-RC			DX	-0.3		
218-SS	Linear Add	No	DL	0.9	990cd28-1286-4244-854c-98baeeac389a8	
218-SS			EZ	-1		
218-SS			DX	-0.3		
219-RC	Linear Add	No	DL	0.9	7629a64-1018-4aee-8623-823445c2a2d0	
219-RC			EZ	-1		
219-RC			DY	-0.3		
219-SS	Linear Add	No	DL	0.9	1a85a50-9191-4463-3-abaf5-1c2a31b6a9f8	
219-SS			EZ	-1		
219-SS			DY	-0.3		
219-SS	Linear Add	No	DL	0.2206	582d41fc-7ea2-4586-b653-7e33a79f9a58	

Table: Material List by Section Property

Section	Object Type	Table: Material List by Section Property	Number Pieces	Length	Weight	Number Studs
Unless	Unless	Unless	Unless	m	tonf	Unless
C50X50	Column	12	31.35	18.81		
B30X50	Beam	14	72	23.4		0
S20	Floor			25.92		

Table: Material Properties - Concrete Data, Part 1 of 2

Table: Material Properties - Concrete Data, Part 1 of 2						
Material	Fc	LWR Conc.	Isd user?	SS Curve Opt	SS Rly Type	SFe
Unless	kgf/cm2	Yes/No	Yes/No	Unless	Unless	mm/mm
CON280	2.8	No	No	Mander	Concrete	0.002219

Table: Material Properties - Concrete Data, Part 2 of 2

Table: Material Properties - Concrete Data, Part 2 of 2		
Material	F Angle	D Angle
Unless	deg	deg
CON280	0	0

Table: Material Properties - General

Table: Material Properties - General						
Material	Type	SymType	Grade	Color	GUID	Notes
Unless	Unless	Unless	Unless	Unless	Unless	Unless
2800	Rebar	Uniaxial	Unknown	Red	8a0c9b0a-c40c-4538-b588-df59517e075a	
4200	Rebar	Uniaxial	Unknown	Green	68a8a32b-9a4-447b3-992e-a5e2a0a99a59	
A36	Steel	Isotropic	Unknown	Gray/Dark	c5a5c5a-54b8-4a98-93a0-02314ac09518	
A4160/270	Tendon	Uniaxial	Unknown	Yellow	5d1892d7-4177-4f8b-b543-e8539891578e	
A5720/50	Steel	Isotropic	Unknown	Magenta	b6f5da8a-803a-4701-a801-4a1a5a475633	
CON280	Concrete	Isotropic	Unknown	Cyan	3592e6ab-78c-4ae7-a1a6-c958a0c0ade0021b1-755f40ba-c58e-3bc100c2c76d	
MAT	Other	Isotropic	Unknown	Blue	0949a9d1-3758-411e-ba26-806c374abdd6	
SN400	Steel	Isotropic	Unknown	Magenta		

Table: Material Properties - General						
Material	Type	SymType	Grade	Color	GUID	Notes
Unless	Unless	Unless	Unless	Unless	Unless	Unless
SH450	Steel	Isotropic	Unknown	Cyan	2a7f5d8e-5d85-4ffa-82d2-5bc7a7231027	

Table: Material Properties - Steel Data, Part 1 of 2

Table: Material Properties - Steel Data, Part 1 of 2								
Material	Fy	Fu	Fye	Fue	SSCurveOpt	SSHysType	SStand	SMax
Unless	kgf/cm ²	kgf/cm ²	kgf/cm ²	kgf/cm ²	Unless	Unless	mm/mm	mm/mm
A36	25	40	25	40	Simple	Kinematic	0.02	0.14
A572Gr50	35	45	35	45	Simple	Kinematic	0.015	0.11
SH400	24	41	24	41	Simple	Kinematic	0.015	0.11
SH490	33	50	33	50	Simple	Kinematic	0.015	0.11

Table: Material Properties - Steel Data, Part 2 of 2

Table: Material Properties - Steel Data, Part 2 of 2

Material	SRup	FinalSlope
Unless	mm/mm	Unless
A36	0.2	-0.1
A572Gr50	0.17	-0.1
SH400	0.17	-0.1
SH490	0.17	-0.1

Table: Story Definitions

Table: Story Definitions						
Name	Height	Marker Story	Similar To	Splice Story	Color	GUID
Unless	m	Yes/No	Unless	Yes/No	Unless	Unless
RFL	3.875	No	None	No	Cyan	c2b9e79-6716-43c2-bae41-b51653074dc3
GL	1.35	No	None	No	Magenta	4509140b-d3d8-4138-a5ae-4638b41d9105

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Table: Frame Section Property Definitions - Summary, Part 1 of 4

Table: Frame Section Property Definitions - Summary, Part 1 of 4								
Name	Material	Shape	Color	Area	J	I33	I22	As2
Unless	Unless	Unless	Unless	mm ²	mm ⁴	mm ⁴	mm ⁴	mm ²
B30X50	CON280	Concrete	Gray&wik	150000	2017370800	3125000000	1125000000	125000
C50-S0	CON280	Concrete	Yellow	250000	8802083333	5208333333	5208333333	208333.3

Table: Frame Section Property Definitions - Summary, Part 2 of 4

Table: Frame Section Property Definitions - Summary, Part 2 of 4								
Name	As3	S33Pos	S33Neg	S22Pos	Z33	Z22	R33	
Unless	mm ²	mm ³	mm ³	mm ³	mm ³	mm ³	mm ³	
B30X50	125000	12500000	12500000	7500000	7500000	10750000	11250000	144.3
C50-S0	208333.3	20833333.3	20833333.3	20833333.3	20833333.3	31250000	31250000	144.3

Table: Frame Section Property Definitions - Summary, Part 3 of 4

Table: Frame Section Property Definitions - Summary, Part 3 of 4								
Name	R22	CG Offset 3	CG Offset 2	PHA Offset 3	PHA Offset 2	Area Modifier	As2 Modifier	As3 Modifier
Unless	mm	mm	mm	mm	mm	mm	mm	mm
B30X50	86.6	0	0	0	0	0	1	1
C50-S0	144.3	0	0	0	0	0	1	1

Table: Frame Section Property Definitions - Summary, Part 4 of 4

Table: Frame Section Property Definitions - Summary, Part 4 of 4						
Name	J Modifier	I33 Modifier	I22 Modifier	Mass Modifier	Weight Modifier	
Unless	mm ⁴	mm ⁴	mm ⁴	mm ⁴	mm ⁴	
B30X50	1	1	1	1	1	
C50-S0	1	1	1	1	1	

Table: Load Case Definitions - Linear Static, Part 1 of 2

Table: Load Case Definitions - Linear Static, Part 1 of 2								
Name	Exclude Group	Mass Source	Stiffness Type	Load Type	Load Name	Load SF	Design Type	GUID
Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless
DL	None	MsSrc1	P-Delta	Load	DL	1	Program Determined	d67a684-8e8-440c-9167-d257e616db
EQX1	None	MsSrc1	P-Delta	Load	EQX1	1	Program Determined	1a6600a-886-b4030-863c-eef376a323a
EQX2	None	MsSrc1	P-Delta	Load	EQX2	1	Program Determined	4a2150c9-3d04-4b07-8924-d79081788c
EQY1	None	MsSrc1	P-Delta	Load	EQY1	1	Program Determined	1658587-943-84b16-85d4-3132106a9dd

Page 1 of 58

A
11 月 8 日 2024

ETABS v19.1.0
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Table: Load Case Definitions - Linear Static, Part 2 of 2

Table: Load Case Definitions - Linear Static, Part 2 of 2								
Name	Exclude Group	Mass Source	Stiffness Type	Load Type	Load Name	Load SF	Design Type	GUID
Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless	Unless
EQV2	None	MsSrc1	P-Delta	Load	EQV2	1	Program Determined	706a6d33-363a-4453-802-jc2a3c3c35
L1	None	MsSrc1	P-Delta	Load	L1	1	Program Determined	d200196-cdb4c9b-bef7-2114c4485736
L2	None	MsSrc1	P-Delta	Load	L2	1	Program Determined	88ba00e4-983c-4c4b-8c3d-jc7b50bda
L3	None	MsSrc1	P-Delta	Load	L3	1	Program Determined	81869ba-cd6b-433b-87e1-49774a6147e
LR	None	MsSrc1	P-Delta	Load	LR	1	Program Determined	84ba734b-8d83-4588-8a67-46a0c1170ff
WX1	None	MsSrc1	P-Delta	Load	WX1	1	Program Determined	58000cc-ea8d0-4bc25-8a67-50713e38e26
WX2	None	MsSrc1	P-Delta	Load	WX2	1	Program Determined	d2ca20b-4579-4172-b80b-4b66278c5
WY1	None	MsSrc1	P-Delta	Load	WY1	1	Program Determined	5653065-a373-444c-827d-c28a947271
WY2	None	MsSrc1	P-Delta	Load	WY2	1	Program Determined	de3c3aba-4e69-478a-b084-49178420a1

Table: Load Case Definitions - Linear Static, Part 2 of 2

Table: Load Case Definitions - Linear Static, Part 2 of 2		
Name	Design Type	Notes
Unless	Unless	Unless
DL	Program Determined	
EQX1	Program Determined	
EQX2	Program Determined	
EQY1	Program Determined	
EQY2	Program Determined	
L1	Program Determined	
L2	Program Determined	
L3	Program Determined	
LR	Program Determined	

Page 2 of 58

A
11 月 8 日 2024

ETABS v19.1.0
License #2008*1K5XTRMYSX2STMV

Table: Load Case Definitions - Linear Static, Part 2 of 2

Name	Design Type	Notes
Unless	Unless	Unless
WX1	Program Determined	
WX2	Program Determined	
WY1	Program Determined	
WY2	Program Determined	

Table: Load Combination Definitions

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
1D	Linear Add	No	DL	1	c248b02-eedc-4461-816b-b3d8e19e36	
1L	Linear Add	No	L1	1	4a12702a-5288-453b-b471-32cc896665	
1L			L2	1		
1L			L3	1		
1L			LR	1		
1-RC	Linear Add	No	DL	1.4	4f7475d4-7e91-452c-b70c-ba9d24c4b6a	
1-SS	Linear Add	No	DL	1.4	8ba56621-269-44381-9704c-e888c857da	
2-RC	Linear Add	No	DL	1.2	0c28c55a-10a0-4a4b-8874-c82ba2c98d	
2-RC			L1	1.6		
2-RC			L2	1.6		
2-RC			L3	1.6		
2-RC			LR	0.5		
2-SS	Linear Add	No	DL	1.2	3b1f6e3d-8a42-4841-80e0-b2c629890d	
2-SS			L1	1.6		
2-SS			L2	1.6		
2-SS			L3	1.6		
2-SS			LR	0.5		
3-RC	Linear Add	No	DL	1.2	8a1b4631-2ee9-4372-9a02-b67ab8f8c9	
3-RC			L2	1.6		
3-RC			LR	0.5		
3-SS	Linear Add	No	DL	1.2	1a8b6ec-6db4-4c4b-bc04d3-bb664a3b48	
3-SS			L2	1.6		
3-SS			LR	0.5		

Page 3 of 58

A
11 月 8 日 2024

ETABS v19.1.0
License #2008*1K5XTRMYSX2STMV

Table: Load Combination Definitions

Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
4-RC	Linear Add	No	DL	1.2	e496477a-d313-444b-8760-a1a54c1531	
4-RC			L3	1.6		
4-SS	Linear Add	No	DL	1.2	027665aa-4a0c-4493-a6bc-0258948486	
4-SS			L3	1.6		
4-SS			LR	0.5		
5-RC	Linear Add	No	DL	1.2	0db78112-d798-427c-b374-3c38507ca	
5-RC			L1	1		
5-RC			L2	0.5		
5-RC			L3	1		
5-RC			LR	1.6		
5-SS	Linear Add	No	DL	1.2	680450a-ca11-4404-bec5-5dab0a21f00	
5-SS			L1	1		
5-SS			L2	0.5		
5-SS			L3	1		
5-SS			LR	1.6		
6-RC	Linear Add	No	DL	1.2	128b699-5489-4a89-9465-0672415d44	
6-RC			L2	0.5		
6-RC			LR	1.6		
6-SS	Linear Add	No	DL	1.2	117b487a-36ba-481a-8b29-29833d295	
6-SS			L2	0.5		
6-SS			LR	1.6		
7-RC	Linear Add	No	DL	1.2	9b44bcb9-76ac-49c2-bd81-d891e0091c	
7-RC			L3	0.5		
7-RC			LR	1.6		
7-SS	Linear Add	No	DL	1.2	7ad5ef69-9420-4485-bc39-79ac071632c	
7-SS			L3	0.5		
7-SS			LR	1.6		
8-RC	Linear Add	No	DL	1.2	38a4a09b-9a89-4a30-a000-c791368a53	
8-RC			LR	1.6		
8-RC			WX1	0.8		

Page 4 of 58

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
8-SS	Linear Add	No	DL	1.2	143d9d58-39 164b2-1b88 -0e67263a33 5b	
8-SS			LR	1.6		
8-SS			WX1	0.8		
9-RC	Linear Add	No	DL	1.2	e2f56494-52a e-4d7-7-96a3- 11b602ee1de	
9-RC			LR	1.6		
9-RC			WX1	0.8		
9-SS	Linear Add	No	DL	1.2	56f52a3-5d2 14189-8023- d7f547226 c	
9-SS			LR	1.6		
9-SS			WX1	0.8		
10-RC	Linear Add	No	DL	1.2	81b576a7-13 2144a4c0095 -f5b4b4a4a6 a	
10-RC			LR	1.6		
10-RC			WX2	0.8		
10-SS	Linear Add	No	DL	1.2	b4cc365c-3b 55-440a-09b -042230eaae 3b	
10-SS			LR	1.6		
10-SS			WX2	0.8		
11-RC	Linear Add	No	DL	1.2	23520094-b48 1455-4832-d c94568b0440	
11-RC			LR	1.6		
11-RC			WX2	0.8		
11-SS	Linear Add	No	DL	1.2	ecde97e-405 3-47a-c070a- cd1885c7787 4	
11-SS			LR	1.6		
11-SS			WX2	0.8		
12-RC	Linear Add	No	DL	1.2	aaa891 95-307 14596-e8c3- 0736c19da64 2	
12-RC			L1	1		
12-RC			L2	0.5		
12-RC			L3	1		
12-RC			WX1	0.5		
12-RC			WX1	1.6		
12-SS	Linear Add	No	DL	1.2	336949a-cd1 d4557-a425- 0a3b6e3c449 1	
12-SS			L1	1		
12-SS			L2	0.5		
12-SS			L3	1		
12-SS			LR	0.5		
12-SS			WX1	1.6		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
13-RC	Linear Add	No	DL	1.2	233370a6-30f 747ee-86e1- 86049d769e b	
13-RC			L1	1		
13-RC			L2	0.5		
13-RC			L3	1		
13-RC			LR	0.5		
13-RC			WX1	1.6		
13-SS	Linear Add	No	DL	1.2	90b33a56-a2 de-404c-b156 -80a0722075 4d	
13-SS			L1	1		
13-SS			L2	0.5		
13-SS			L3	1		
13-SS			LR	0.5		
13-SS			WX1	1.6		
14-RC	Linear Add	No	DL	1.2	643d784-c76 -4752-8ee2-7 11e45429a02	
14-RC			L1	1		
14-RC			L2	0.5		
14-RC			L3	1		
14-RC			LR	0.5		
14-RC			WX2	1.6		
14-SS	Linear Add	No	DL	1.2	94cd150c-48 e0-49b-ae00 -cd0a78e602 1b	
14-SS			L1	1		
14-SS			L2	0.5		
14-SS			L3	1		
14-SS			LR	0.5		
14-SS			WX2	1.6		
15-RC	Linear Add	No	DL	1.2	2ed18507-6d 8f-4251-aa09 -a9f735f62a b	
15-RC			L1	1		
15-RC			L2	0.5		
15-RC			L3	1		
15-RC			LR	0.5		
15-RC			WX2	1.6		
15-SS	Linear Add	No	DL	1.2	70738cc1a21 4-4af-ad8a9- 8506977b47	
15-SS			L1	1		
15-SS			L2	0.5		
15-SS			L3	1		
15-SS			WX2	1.6		
16-RC	Linear Add	No	DL	1.2	bb34ae80-c8 9-490a-a007- 648a03a30d f	
16-RC			L2	0.5		
16-RC			LR	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
16-RC	Linear Add	No	DL	1.2	a076994-9c2 5-480-400a- 1a0a6e951371 a	
16-SS			L2	0.5		
16-SS			LR	0.5		
16-SS			WX1	1.6		
17-RC	Linear Add	No	DL	1.2	1512ac86-84 09-48b-a025 -332deda8d2 e0	
17-RC			L2	0.5		
17-RC			LR	0.5		
17-RC			WX1	1.6		
17-SS	Linear Add	No	DL	1.2	40611e83-63 4d-47e1-b780 -066695b0c1 b	
17-SS			L2	0.5		
17-SS			LR	0.5		
17-SS			WX1	1.6		
18-RC	Linear Add	No	DL	1.2	85a0c7fe-d0c c-4329-a803- b1391 8aa81 e	
18-RC			L2	0.5		
18-RC			WX2	1.6		
18-SS	Linear Add	No	DL	1.2	8923c085-22 87-407e-b803 -1f7462a460 ce	
18-SS			L2	0.5		
18-SS			LR	0.5		
18-SS			WX2	1.6		
19-RC	Linear Add	No	DL	1.2	2a6d041 3-74 b43d97-8a60 -aaae97739d4 0	
19-RC			L2	0.5		
19-RC			LR	0.5		
19-RC			WX2	1.6		
19-SS	Linear Add	No	DL	1.2	5202074c-cd 81-4503-9e15 -102268f9b 8	
19-SS			L2	0.5		
19-SS			LR	0.5		
19-SS			WX2	1.6		
20-RC	Linear Add	No	DL	1.2	0936953-a6c 0-426c-47ee- 3ed94a66040	
20-RC			L3	0.5		
20-RC			LR	0.5		
20-RC			WX1	1.6		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
20-SS	Linear Add	No	DL	1.2	8ba04e5c-d6 8d-437-a8e1- 8989b72254 1	
20-SS			L3	0.5		
20-SS			LR	0.5		
20-SS			WX1	1.6		
21-RC	Linear Add	No	DL	1.2	b33d7fb-08d 2-48a4-073a- cd0a6c5460 1	
21-RC			L3	0.5		
21-RC			LR	0.5		
21-RC			WX1	1.6		
21-SS	Linear Add	No	DL	1.2	6f03949-34b 0-407aa299- 1a046752175 e	
21-SS			L3	0.5		
21-SS			LR	0.5		
21-SS			WX1	1.6		
22-RC	Linear Add	No	DL	1.2	1bf19ce2-087 8-43da-5505- 87a05e45f0e	
22-RC			L3	0.5		
22-RC			LR	0.5		
22-RC			WX2	1.6		
22-SS	Linear Add	No	DL	1.2	576425a7-51 04-45ea-5260 -6d5a04055 d5	
22-SS			L3	0.5		
22-SS			LR	0.5		
22-SS			WX2	1.6		
23-RC	Linear Add	No	DL	1.2	81bca658-ea 36-4041-9bc1- c527a87c0e c	
23-RC			L3	0.5		
23-RC			LR	0.5		
23-RC			WX2	1.6		
23-SS	Linear Add	No	DL	1.2	bdf738b4-23 41-45a3-b0b3- 5130f15645 3	
23-SS			L3	0.5		
23-SS			LR	0.5		
23-SS			WX2	1.6		
24-RC	Linear Add	No	DL	1.2	216648b-11f1 -41e1-8620-0 -d0100a22c	
24-RC			L1	1		
24-RC			L2	0.5		
24-RC			L3	1		
24-RC			EQX1	1		
24-RC			EZ	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
24-SS	Linear Add	No	DL	1.2	1bca9ac3-37559-4048-9432-e480a8ffcc6	
24-SS			L1	1		
24-SS			L2	0.5		
24-SS			L3	1		
24-SS			EQX1	1		
24-SS			EZ	0.3		
25-RC	Linear Add	No	DL	1.2	6b6286e-b4f1c-4551-9008-bea51e480a5	
25-RC			L1	1		
25-RC			L2	0.5		
25-RC			L3	1		
25-RC			EQX2	1		
25-RC			EZ	0.3		
25-SS	Linear Add	No	DL	1.2	5a9a3790-9755-429a-88d2-e0786d7ba3e2	
25-SS			L1	1		
25-SS			L2	0.5		
25-SS			L3	1		
25-SS			EQX2	1		
25-SS			EZ	0.3		
26-RC	Linear Add	No	DL	1.2	d8bdc93-ae98-4061-e618-c0a03d895963	
26-RC			L1	1		
26-RC			L2	0.5		
26-RC			L3	1		
26-RC			EQY1	1		
26-RC			EZ	0.3		
26-SS	Linear Add	No	DL	1.2	4d8cd21-2d91-4b39-a08e-3d7f616982013	
26-SS			L1	1		
26-SS			L2	0.5		
26-SS			L3	1		
26-SS			EQY1	1		
26-SS			EZ	0.3		
27-RC	Linear Add	No	DL	1.2	ff137fb3-25d4-4a6d-9f69-36067c695721	
27-RC			L1	1		
27-RC			L2	0.5		
27-RC			L3	1		
27-RC			EQY2	1		
27-RC			EZ	0.3		
27-SS	Linear Add	No	DL	1.2	00f5a4e-e49f4-405a-9a5c17-808b471d62	
27-SS			L1	1		
27-SS			L2	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
27-SS			L3	1		
27-SS			EQY2	1		
27-SS	Linear Add	No	EZ	0.3	481b0ac-85d6-4c26-9a2d-8a2a7c3c3a34	
28-RC			DL	1.2		
28-RC			L1	1		
28-RC			L2	0.5		
28-RC			L3	1		
28-RC			EZ	0.3		
28-RC			DX	1		
28-SS	Linear Add	No	DL	1.2	95c2403e-0729-4ab7-bed4-2e14c5823d5	
28-SS			L1	1		
28-SS			L2	0.5		
28-SS			L3	1		
28-SS			EZ	0.3		
28-SS			DX	1		
29-RC	Linear Add	No	DL	1.2	13c125ca-0d03-4c98-b8a6-44e155baf1e2	
29-RC			L1	1		
29-RC			L2	0.5		
29-RC			L3	1		
29-RC			EZ	0.3		
29-RC			DY	1		
29-SS	Linear Add	No	DL	1.2	2854a58-58a4-4a6a-9a6e-62084669845	
29-SS			L1	1		
29-SS			L2	0.5		
29-SS			L3	1		
29-SS			EZ	0.3		
29-SS			DY	1		
30-RC	Linear Add	No	DL	1.2	450284ae-bd0f-4648-b565-a5e719dc67e	
30-RC			L1	1		
30-RC			L2	0.5		
30-RC			L3	1		
30-RC			EQX1	1		
30-RC			EZ	0.3		
30-SS	Linear Add	No	DL	1.2	1ba944d5-0b44-4d0b-b922-7032cd778a9e	
30-SS			L1	1		
30-SS			L2	0.5		
30-SS			L3	1		
30-SS			EQX1	1		
30-SS			EZ	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
31-RC	Linear Add	No	DL	1.2	69523aa-7d41-4745-a8d4-5d949a8ca94c	
31-RC			L1	1		
31-RC			L2	0.5		
31-RC			L3	1		
31-RC			EQX2	1		
31-RC			EZ	-0.3		
31-SS	Linear Add	No	DL	1.2	15a55a1d-4a06-43c5-b908-43e9a0f142a6	
31-SS			L1	1		
31-SS			L2	0.5		
31-SS			L3	1		
31-SS			EQX2	1		
31-SS			EZ	-0.3		
32-RC	Linear Add	No	DL	1.2	510652c1-720b-4c77-8018-99a051a03261	
32-RC			L1	1		
32-RC			L2	0.5		
32-RC			L3	1		
32-RC			EQY1	1		
32-RC			EZ	-0.3		
32-SS	Linear Add	No	DL	1.2	512b28ac-0d17-4896-3a57-1a13d53d5550	
32-SS			L1	1		
32-SS			L2	0.5		
32-SS			L3	1		
32-SS			EQY1	1		
32-SS			EZ	-0.3		
33-RC	Linear Add	No	DL	1.2	131e87ba-8b79-4c2c-a8a8-4e10793ba9d0	
33-RC			L1	1		
33-RC			L2	0.5		
33-RC			L3	1		
33-RC			EQY2	1		
33-RC			EZ	-0.3		
33-SS	Linear Add	No	DL	1.2	a99661c5-4673-4c4e-a8d0-3c309112a0bb	
33-SS			L1	1		
33-SS			L2	0.5		
33-SS			L3	1		
33-SS			EQY2	1		
33-SS			EZ	-0.3		
34-RC	Linear Add	No	DL	1.2	e8b302a6-8358-4223-b1f1e-14576a134b10	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
34-RC			L1	1		
34-RC			L2	0.5		
34-RC			L3	1		
34-RC			EZ	-0.3		
34-RC			DX	1		
34-SS	Linear Add	No	DL	1.2	cccc30a0-5e0f-4440-8b0c-a7a4e6c22008d	
34-SS			L1	1		
34-SS			L2	0.5		
34-SS			L3	1		
34-SS			EZ	-0.3		
34-SS			DX	1		
35-RC	Linear Add	No	DL	1.2	0d73447f-8c2-44a7-ba6e-ba59e0831d80	
35-RC			L1	1		
35-RC			L2	0.5		
35-RC			L3	1		
35-RC			EZ	-0.3		
35-RC			DY	1		
35-SS	Linear Add	No	DL	1.2	0871589e-7607-421a-b9b9-c211667475a	
35-SS			L1	1		
35-SS			L2	0.5		
35-SS			L3	1		
35-SS			EZ	-0.3		
35-SS			DY	1		
36-RC	Linear Add	No	DL	1.2	37169a4c-731-4c94-aee4-098f543c7f9	
36-RC			L1	1		
36-RC			L2	0.5		
36-RC			L3	1		
36-RC			EQX1	-1		
36-RC			EZ	0.3		
36-SS	Linear Add	No	DL	1.2	48803959-03c0-43a8-a60a-550030013cd	
36-SS			L1	1		
36-SS			L2	0.5		
36-SS			L3	1		
36-SS			EQX1	-1		
36-SS			EZ	0.3		
37-RC	Linear Add	No	DL	1.2	37949d5-050b-4e07-50b0-c7ba65a2977	
37-RC			L1	1		
37-RC			L2	0.5		
37-RC			L3	1		
37-RC			EQX2	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
37-RC	Linear Add	No	DL	0.3	80cbdc3-64 85-49ab-4619 -e487672311	
37-SS				1.2		
37-SS	Linear Add	No	L1	1	bc9e5744-16 a7-4542-b98d -e185695320	
37-SS			L2	0.5		
37-SS			L3	1		
37-SS			EQX2	-1		
37-SS			EZ	0.3		
38-RC			DL	1.2		
38-RC	Linear Add	No	L1	1	5117c963-81 3e-444c-8315 -d036664124 26	
38-RC			L2	0.5		
38-RC			L3	1		
38-RC			EQY1	-1		
38-RC			EZ	0.3		
38-SS			DL	1.2		
38-SS	Linear Add	No	L1	1	55ee459-322 2-4fc1-ae2-9 -8eb6972220	
38-SS			L2	0.5		
38-SS			L3	1		
38-SS			EQY1	-1		
38-SS			EZ	0.3		
39-RC			DL	1.2		
39-RC	Linear Add	No	L1	1	cb07e059-2e aa-4c31-9a84 -8ba0e6102d 5	
39-RC			L2	0.5		
39-RC			L3	1		
39-RC			EQY2	-1		
39-RC			EZ	0.3		
39-SS			DL	1.2		
39-SS	Linear Add	No	L1	1	d52cd08-53c 6-4c9e-85cc- 6ab10c3508c 8	
39-SS			L2	0.5		
39-SS			L3	1		
39-SS			EQY2	-1		
39-SS			EZ	0.3		
40-RC			DL	1.2		
40-RC	Linear Add	No	L1	1	0155840-220 e-4b86-ba8a- 0420736271b	
40-RC			L2	0.5		
40-RC			L3	1		
40-RC			EZ	0.3		
40-RC			DX	-1		
40-SS			DL	1.2		
40-SS	Linear Add	No	L1	1		
40-SS			L2	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
40-SS	Linear Add	No	L1	1	1ee996c-542 7-446e-8e6e- ce73d3712ed 7	
40-SS			L2	0.3		
41-RC	Linear Add	No	L1	1	25763288-b7 33-48e5-8c4f- 870ba891c78	
41-RC			L2	0.5		
41-RC			L3	1		
41-RC			EZ	0.3		
41-RC			DY	-1		
41-SS			DL	1.2		
41-SS	Linear Add	No	L1	1	10ea0021-445 8-4b1c-883b- 0023f1478a 9	
41-SS			L2	0.5		
41-SS			L3	1		
41-SS			EZ	0.3		
41-SS			DY	-1		
42-RC			DL	1.2		
42-RC	Linear Add	No	L1	1	d8ba6278-52 e1-43b1-8e10 -417538132c 50	
42-RC			L2	0.5		
42-RC			L3	1		
42-RC			EQX1	-1		
42-RC			EZ	0.3		
42-SS			DL	1.2		
42-SS	Linear Add	No	L1	1	e083e0c-80 b-84ba-8ba0 -11ac54ee8d b0	
42-SS			L2	0.5		
42-SS			L3	1		
42-SS			EQX1	-1		
42-SS			EZ	0.3		
43-RC			DL	1.2		
43-RC	Linear Add	No	L1	1	88d39e75-4d e-6075d7-28- 245ca701ee 9	
43-RC			L2	0.5		
43-RC			L3	1		
43-RC			EQX2	-1		
43-RC			EZ	0.3		
43-SS			DL	1.2		
43-SS	Linear Add	No	L1	1		
43-SS			L2	0.5		
43-SS			L3	1		
43-SS			EQX2	-1		
43-SS			EZ	0.3		
43-SS			DL	1.2		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
44-RC	Linear Add	No	DL	1.2	d1dcad3-2 7c-99d1-538c -20a909e24b5 3	
44-RC				0.5		
44-RC	Linear Add	No	L1	1	88b6935-94c 3-4e2a-9e94- a6b18eb52c 8	
44-RC			L2	0.5		
44-RC			L3	1		
44-RC			EQY1	-1		
44-RC			EZ	-0.3		
44-SS			DL	1.2		
44-SS	Linear Add	No	L1	1	1ee54534-88 2-4442-8e3a- 3e45545a68 3	
44-SS			L2	0.5		
44-SS			L3	1		
44-SS			EQY1	-1		
44-SS			EZ	-0.3		
45-RC			DL	1.2		
45-RC	Linear Add	No	L1	1	d0c76881-dc 8c-4a3b-40d9 -075c71698a 3	
45-RC			L2	0.5		
45-RC			L3	1		
45-RC			EQY2	-1		
45-RC			EZ	-0.3		
45-SS			DL	1.2		
45-SS	Linear Add	No	L1	1	1ee8a928-7a 87-6073-8681 -5189e5a641 15	
45-SS			L2	0.5		
45-SS			L3	1		
45-SS			EQY2	-1		
45-SS			EZ	-0.3		
46-RC			DL	1.2		
46-RC	Linear Add	No	L1	1	88c6b8d0-4c8 e-47fb-8960- 4718b86948 2	
46-RC			L2	0.5		
46-RC			L3	1		
46-RC			EZ	-0.3		
46-RC			DX	-1		
46-SS			DL	1.2		
46-SS	Linear Add	No	L1	1	2ab87060-19 37-486f94ff- e9aee2a819 7	
46-SS			L2	0.5		
46-SS			L3	1		
46-SS			EZ	-0.3		
46-SS			DX	-1		
47-RC			DL	1.2		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
47-RC	Linear Add	No	L1	1	2d3938d1-9e8-4880-9fde-d9818d7ee18	
47-RC			L2	0.5		
47-RC			L3	1		
47-RC			EZ	-0.3		
47-RC			DY	-1		
47-SS			DL	1.2		
47-SS	Linear Add	No	L1	1	1ef0033b-3be5-4ee8-e997-849b62744d33	
47-SS			L2	0.5		
47-SS			L3	1		
47-SS			EZ	-0.3		
47-SS			DY	-1		
48-RC			DL	1.2		
48-RC	Linear Add	No	L2	0.5	e3de928b-cdf3-4594-abdf-7155341b078	
48-RC			EQX1	1		
48-RC			EZ	0.3		
48-SS			DL	1.2		
48-SS			L2	0.5		
48-SS	Linear Add	No	L1	1	88c0903-e46e-424c-8a08-720a77c999af	
48-SS			EQX1	1		
48-SS			EZ	0.3		
48-SS			DL	1.2		
48-SS			L2	0.5		
48-SS			EQX2	1		
48-RC	Linear Add	No	L2	0.5	9e200d2-3499-479a-8e03-0e0780219b	
48-RC			EQX2	1		
48-RC			EZ	0.3		
48-SS			DL	1.2		
48-SS			L2	0.5		
48-SS	Linear Add	No	L1	1	92ba791-652-452a-070e-9211e7e5249f	
48-SS			EQY1	1		
48-SS			EZ	0.3		
48-SS			DL	1.2		
48-SS			L2	0.5		
48-SS			EQY1	1		
50-RC	Linear Add	No	L2	0.5	cdf380e8-04e4-408b-89f-8839e0101aec	
50-RC			EQY1	1		
50-RC			EZ	0.3		
50-SS			L3	0.5		
50-SS			EZ	0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
51-RC	Linear Add	No	DL	1.2	5d3c45454d 54e36-a721- 72a67134776 8	
51-RC			L2	0.5		
51-RC			EQY2	1		
51-RC			EZ	0.3		
51-SS	Linear Add	No	DL	1.2	97895f91a1ef -4946-a02046 7f785db32cc	
51-SS			L2	0.5		
51-SS			EQY2	1		
51-SS			EZ	0.3		
52-RC	Linear Add	No	DL	1.2	99ba288-d2f1 3-4a01-3ba0c- 2dc2289ba9b 6	
52-RC			L2	0.5		
52-RC			EZ	0.3		
52-RC			DX	1		
52-SS	Linear Add	No	DL	1.2	0859da1c-56 ae-4a3b-86d7 -e466b330ca9 8	
52-SS			L2	0.5		
52-SS			EZ	0.3		
52-SS			DX	1		
53-RC	Linear Add	No	DL	1.2	ca36a422-97 6a-4005-b747 -5dc0a555dc 1	
53-RC			L2	0.5		
53-RC			EZ	0.3		
53-RC			DY	1		
53-SS	Linear Add	No	DL	1.2	5e81e1d2-60 3b-4b7b-ac0b- 3e530a119a8 8	
53-SS			L2	0.5		
53-SS			EZ	0.3		
53-SS			DY	1		
54-RC	Linear Add	No	DL	1.2	e096e13-9a8 14348-a76b- 955030cc36 8	
54-RC			L2	0.5		
54-RC			EQX1	1		
54-RC			EZ	-0.3		
54-SS	Linear Add	No	DL	1.2	2bc15a87-4a 1c-4f16-a407- ae9f093700f 8	
54-SS			L2	0.5		
54-SS			EQX1	1		
54-SS			EZ	-0.3		
55-RC	Linear Add	No	DL	1.2	e152729-58 114569-8601 -8a21cc2930 bd	
55-RC			L2	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
55-RC	Linear Add	No	EQX2	1		
55-RC			EZ	-0.3		
55-SS			L2	0.5		
55-SS			EQX2	1		
55-SS			EZ	-0.3		
56-RC	Linear Add	No	DL	1.2	b603c321-5d 80-4ec1-58b1 -ab01b0a4805 c	
56-RC			L2	0.5		
56-RC			EQY1	1		
56-RC			EZ	-0.3		
56-SS	Linear Add	No	DL	1.2	1c6b0bb-22 36-a330-bd38 -e2388ba871 2a	
56-SS			L2	0.5		
56-SS			EQY1	1		
56-SS			EZ	-0.3		
57-RC	Linear Add	No	DL	1.2	E259ba2-a6 34-455a-0084 0a8-a207627 a	
57-RC			L2	0.5		
57-RC			EQY2	1		
57-RC			EZ	-0.3		
57-SS	Linear Add	No	DL	1.2	db7279f0-9f1 a-49ba-99d5- 34c9a9332a 8	
57-SS			L2	0.5		
57-SS			EQY2	1		
57-SS			EZ	-0.3		
58-RC	Linear Add	No	DL	1.2	4c5e54b1-8ac 6-4a6d-807c e1905a5f980	
58-RC			L2	0.5		
58-RC			EZ	-0.3		
58-RC			DX	1		
58-SS	Linear Add	No	DL	1.2	2ae5ba8d-622 0-42c0-53a6- 0a8413d015 5	
58-SS			L2	0.5		
58-SS			EZ	-0.3		
58-SS			DX	1		
59-RC	Linear Add	No	DL	1.2	78941f7b-c41 c-424c-bf6c- b2b372a627a 8	
59-RC			L2	0.5		
59-RC			EZ	-0.3		
59-RC			DY	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
59-SS	Linear Add	No	DL	1.2	6ce5c22a-2f1 145a4-8700c- e98b9d99562 5	
59-SS			L2	0.5		
59-SS			EZ	-0.3		
59-SS			DY	1		
60-RC	Linear Add	No	DL	1.2	e5480896-a1 74-4b16-1d16 -c3c76a7c2f1 1	
60-RC			L2	0.5		
60-RC			EQX1	-1		
60-RC			EZ	0.3		
60-SS	Linear Add	No	DL	1.2	9a907188-4c 47-4396-8a3e -30c0a9c122 2a	
60-SS			L2	0.5		
60-SS			EQX1	-1		
60-SS			EZ	0.3		
61-RC	Linear Add	No	DL	1.2	8a8d173-cdb 8-4533-84d5- 1bf1e88b166 1	
61-RC			L2	0.5		
61-RC			EQX2	-1		
61-RC			EZ	0.3		
61-SS	Linear Add	No	DL	1.2	b4b65ca3-a4 19-49e2-8a26 -71355d98e9 1	
61-SS			L2	0.5		
61-SS			EQX2	-1		
61-SS			EZ	0.3		
62-RC	Linear Add	No	DL	1.2	7eb6d239-97 1e-4a92-ba86- 372b491560 d	
62-RC			L2	0.5		
62-RC			EQY1	-1		
62-RC			EZ	0.3		
62-SS	Linear Add	No	DL	1.2	c545a29-47c 9-4a07-2546- e158e7e189 1	
62-SS			L2	0.5		
62-SS			EQY1	-1		
62-SS			EZ	0.3		
63-RC	Linear Add	No	DL	1.2	94e6983-69 1-4c71d3f1-d 420326c9494	
63-RC			L2	0.5		
63-RC			EQY2	-1		
63-RC			EZ	0.3		
63-SS	Linear Add	No	DL	1.2	155a690-2d 4-4883-3cc5- 6ba86017a3 4	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
63-SS			L2	0.5		
63-SS			EQY2	-1		
63-SS			EZ	0.3		
64-RC	Linear Add	No	DL	1.2	ac698004-75 0-a4f5-3a05- 802c7e7242a 1	
64-RC			L2	0.5		
64-RC			EZ	0.3		
64-RC			DX	-1		
64-SS	Linear Add	No	DL	1.2	783a428-df7 6-4c5-a0cb-5 802c3342d0	
64-SS			L2	0.5		
64-SS			EZ	0.3		
64-SS			DX	-1		
65-RC	Linear Add	No	DL	1.2	e470d357-76 82-44c-b068- 85a4a6-2da6 3	
65-RC			L2	0.5		
65-RC			EZ	0.3		
65-RC			DY	-1		
65-SS	Linear Add	No	DL	1.2	64801266-ff4 0-417b-a67- 454ff2c0d45	
65-SS			L2	0.5		
65-SS			EZ	0.3		
66-RC	Linear Add	No	DL	1.2	909660a0-40 46-46ac-b159 -76236a8b2c 7	
66-RC			L2	0.5		
66-RC			EQY1	-1		
66-RC			EZ	-0.3		
66-SS	Linear Add	No	DL	1.2	47a55e62-7fe 8-4607-b3a4- 81921c09c3f 9	
66-SS			L2	0.5		
66-SS			EQX1	-1		
66-SS			EZ	-0.3		
67-RC	Linear Add	No	DL	1.2	883c5c0d-d3 8b-4c71-ba74- d237c3318a 8	
67-RC			L2	0.5		
67-RC			EQX2	-1		
67-RC			EZ	-0.3		
67-SS	Linear Add	No	DL	1.2	59a01b4c-b6 c1-4a69-b0c2-f 678551085	
67-SS			L2	0.5		
67-SS			EQX2	-1		
67-SS			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
68-RC	Linear Add	No	DL	1.2	13ac705c-73 a-4a20-ac8f9 2e94e02351	
68-RC			L2	0.5		
68-RC			EQY1	-1		
68-RC			EZ	-0.3		
68-SS	Linear Add	No	DL	1.2	1f7dc12-79e 4-4302-9e8e- 0a5c21e0c3 4	
68-SS			L2	0.5		
68-SS			EQY1	-1		
68-SS			EZ	-0.3		
68-RC	Linear Add	No	DL	1.2	393a6821494 7-468f-a0945 b73259a6589	
69-RC			L2	0.5		
69-RC			EQY2	-1		
69-RC			EZ	-0.3		
69-SS	Linear Add	No	DL	1.2	18713a75-02 b8-4477-b9c3 -1592791d8c d	
69-SS			L2	0.5		
69-SS			EQY2	-1		
69-SS			EZ	-0.3		
70-RC	Linear Add	No	DL	1.2	b304363c-06 c9-400d-9a9b -963815040e de	
70-RC			L2	0.5		
70-RC			EZ	-0.3		
70-RC			DX	-1		
70-SS	Linear Add	No	DL	1.2	f959bba-73d 4f69-81cb-07 5983ba8855	
70-SS			L2	0.5		
70-SS			EZ	-0.3		
70-SS			DX	-1		
71-RC	Linear Add	No	DL	1.2	9239a69-2nd d-4a62-94d0- 6d229a32c5 1	
71-RC			L2	0.5		
71-RC			EZ	-0.3		
71-RC			DX	-1		
71-SS	Linear Add	No	DL	1.2	0a79c49b-ad be-4764-a016 -5821725e7a 5e	
71-SS			L2	0.5		
71-SS			EZ	-0.3		
71-SS			DX	-1		
72-RC	Linear Add	No	DL	1.2	0f69810-d3d 6-42a9-8ae1- a09411c30b e	
72-RC			L3	0.5		
72-RC			EQX1	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
72-RC	Linear Add	No	DL	1.2	a09800db-a9 b4-4400-8858 -c30a5f1f8 0e	
72-SS			L3	0.5		
72-SS			EQX1	1		
72-SS			EZ	0.3		
73-RC	Linear Add	No	DL	1.2	54a265a9-a2f 4-4d29-8e65- 6472a2d259c 4	
73-RC			L3	0.5		
73-RC			EQX2	1		
73-SS	Linear Add	No	DL	1.2	e26164aa-d5 c2-4447-8527- 7468f8e61b3	
73-SS			L3	0.5		
73-SS			EQX2	1		
73-SS			EZ	0.3		
74-RC	Linear Add	No	DL	1.2	9bacc4-e-48 5e-416b-a074 -b6b359142d 29	
74-RC			L3	0.5		
74-RC			EQY1	1		
74-RC			EZ	0.3		
74-SS	Linear Add	No	DL	1.2	b7d5f50d-cff- 49db-98f7-58 bc591057e	
74-SS			L3	0.5		
74-SS			EQY1	1		
74-SS			EZ	0.3		
75-RC	Linear Add	No	DL	1.2	bb3ae955-14 24-494-85cc- 8d51e3a681	
75-RC			L3	0.5		
75-RC			EQY2	1		
75-RC			EZ	0.3		
75-SS	Linear Add	No	DL	1.2	98c5f95-9a3 -43b7-9a0c-6 26b4e4ac20	
75-SS			L3	0.5		
75-SS			EQY2	1		
75-SS			EZ	0.3		
76-RC	Linear Add	No	DL	1.2	bb595950-a5 a4-698b-a734 -ae34652a671 7	
76-RC			L3	0.5		
76-RC			EZ	0.3		
76-RC			DX	1		
76-SS	Linear Add	No	DL	1.2	1b9c2b5-981 8-4d33-9ed1- 90277d19a09 2	
76-SS			L3	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
76-SS			EZ	0.3		
76-SS			DX	1		
77-RC	Linear Add	No	DL	1.2	0a53c6ae-a1 8e-8031-9163 -20f6c27f6b2 15	
77-RC			L3	0.5		
77-RC			EZ	0.3		
77-RC			DX	1		
77-SS	Linear Add	No	DL	1.2	6e602c72-59 69-41b-894e -128eac24c 3e	
77-SS			L3	0.5		
77-SS			EZ	0.3		
77-SS			DX	1		
78-RC	Linear Add	No	DL	1.2	48274b3a-210 b-4a221a05f 362a00a6354 2	
78-RC			L3	0.5		
78-RC			EQX1	1		
78-RC			EZ	-0.3		
78-SS	Linear Add	No	DL	1.2	0a336ec1-df1 5-4927-3063- 081168fb73 4	
78-SS			L3	0.5		
78-SS			EQY1	1		
78-SS			EZ	-0.3		
79-RC	Linear Add	No	DL	1.2	a55974a4-3a2 6-49a9-a91b- 5628a411b4 b	
79-RC			L3	0.5		
79-RC			EQX2	1		
79-RC			EZ	-0.3		
79-SS	Linear Add	No	DL	1.2	27065e6-320 a-482-9a4e- 026518a206 5	
79-SS			L3	0.5		
79-SS			EQX2	1		
79-SS			EZ	-0.3		
80-RC	Linear Add	No	DL	1.2	d5b7db5d-64 4e-4878-9009 -a3a50a100e a	
80-RC			L3	0.5		
80-RC			EQY1	1		
80-RC			EZ	-0.3		
80-SS	Linear Add	No	DL	1.2	4402045d-84 c2-43d1-9c2d -395a6d569a 9	
80-SS			L3	0.5		
80-SS			EQY1	1		
80-SS			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
81-RC	Linear Add	No	DL	1.2	C25a7c1b-84 a4-4571-c28e- 9050750a7e b	
81-RC			L3	0.5		
81-RC			EQY2	1		
81-RC			EZ	-0.3		
81-SS	Linear Add	No	DL	1.2	1c7fc2a6-810 9-4897-2087- 2a9a6a2164 d	
81-SS			L3	0.5		
81-SS			EQY2	1		
81-SS			EZ	-0.3		
82-RC	Linear Add	No	DL	1.2	ba5c9e38-42 19-4054-ba15 4152923352 d8	
82-RC			L3	0.5		
82-RC			EZ	-0.3		
82-RC			DX	1		
82-SS	Linear Add	No	DL	1.2	f9b0c3f1-118 4-4387-9a0e- 1b9c6567978 1	
82-SS			L3	0.5		
82-SS			EZ	-0.3		
82-SS			DX	1		
83-RC	Linear Add	No	DL	1.2	0c84e9a5-59 3e-42a8-a01d -2e8e6f1a49 1	
83-RC			L3	0.5		
83-RC			EZ	-0.3		
83-RC			DX	1		
83-SS	Linear Add	No	DL	1.2	61428a85-be c1-488e-aec1- 30a05a1927 d	
83-SS			L3	0.5		
83-SS			EZ	-0.3		
83-SS			DX	1		
84-RC	Linear Add	No	DL	1.2	0f054b43-1bf d-4e13-ae04- 4a0703a9e5 c	
84-RC			L3	0.5		
84-RC			EQX1	1		
84-RC			EZ	0.3		
84-SS	Linear Add	No	DL	1.2	6942e04-d8 b7-42a1-a06f -ffa3a5c27b 4	
84-SS			L3	0.5		
84-SS			EQX1	1		
84-SS			EZ	0.3		
85-RC	Linear Add	No	DL	1.2	d871210c-be 8e-4732-a13c -630201ea84 3b	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
85-RC	Linear Add	No	L3	0.5		
85-RC			EQX2	-1		
85-RC			EZ	0.3	d345e71411	
85-SS			DL	1.2	e41da362a- e0e930035f 8	
86-SS	Linear Add	No	L3	0.5		
86-SS			EQX2	-1		
86-SS			EZ	0.3		
86-RC			DL	1.2	05207ab2-93 c64e44362c- b86933812 6	
86-RC	Linear Add	No	L3	0.5		
86-RC			EQY1	-1		
86-RC			EZ	0.3		
86-SS			DL	1.2	b060c2a-641 a4d744b0d- 8d4e414c2f 3	
86-SS	Linear Add	No	L3	0.5		
86-SS			EQY1	-1		
86-SS			EZ	0.3		
87-RC			DL	1.2	13be56e-79 514e0c8114 -19a9012742 94	
87-RC	Linear Add	No	L3	0.5		
87-RC			EQY2	-1		
87-RC			EZ	0.3		
87-SS			DL	1.2	67c40a72-eb 7e4478-b44b -7d776e75d 26	
87-SS	Linear Add	No	L3	0.5		
87-SS			EQY2	-1		
87-SS			EZ	0.3		
88-RC			DL	1.2	75636ac-8d3 8469a431b- b0c54215685 1	
88-RC	Linear Add	No	L3	0.5		
88-RC			EZ	0.3		
88-RC			DX	-1		
88-SS			DL	1.2	326e95c-69b 945e6-800- 32713a6135 d	
88-SS	Linear Add	No	L3	0.5		
88-SS			EZ	0.3		
88-SS			DX	-1		
89-RC			DL	1.2	a030e87-35 324e4a-97ab -673b119108 e	
89-RC	Linear Add	No	L3	0.5		
89-RC			EZ	0.3		
89-RC	Linear Add	No	DY	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
89-SS	Linear Add	No	L3	0.5		
89-SS			EZ	0.3		
89-SS			DY	-1		
90-RC			DL	1.2	804ee81-96 414a28-b448 -b58522b490 1	
90-RC	Linear Add	No	L3	0.5		
90-RC			EQX1	-1		
90-RC			EZ	0.3		
90-SS			DL	1.2	0579a8-435 640c2181- e495f8d7e	
90-SS	Linear Add	No	L3	0.5		
90-SS			EQX1	-1		
90-SS			EZ	0.3		
91-RC			DL	1.2	0576781a25 144c8-935b-1 30a348edce	
91-RC	Linear Add	No	L3	0.5		
91-RC			EQX2	-1		
91-RC			EZ	0.3		
91-SS			DL	1.2	10c09b-2b a5435a-a1d0 -3a98c2089f 8	
91-SS	Linear Add	No	L3	0.5		
91-SS			EQX2	-1		
91-SS			EZ	0.3		
92-RC			DL	1.2	2d979ac1-b8 b0431b4b1a -4143a2b658 c	
92-RC	Linear Add	No	L3	0.5		
92-RC			EQY1	-1		
92-RC			EZ	0.3		
92-SS			DL	1.2	7d43c573-04 784c15-ba66 -1c59a77b12 7	
92-SS	Linear Add	No	L3	0.5		
92-SS			EQY1	-1		
92-SS			EZ	0.3		
93-RC			DL	1.2	38a0f9c-k3d 144c3-85c2-1 14217395ef	
93-RC	Linear Add	No	L3	0.5		
93-RC			EQY2	-1		
93-RC			EZ	0.3		
93-SS			DL	1.2	396d9131-1b 0a401b857 -a91367063 78	
93-SS	Linear Add	No	L3	0.5		
93-SS			EQY2	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
93-SS	Linear Add	No	EZ	-0.3		
94-RC			DL	1.2	d9770c-57 254e83-a7a0 -b4f098849 5	
94-RC			L3	0.5		
94-RC			EZ	0.3		
94-RC	Linear Add	No	DX	-1		
94-SS			DL	1.2	ed95495-85 674843102- 9a85700948 7	
94-SS	Linear Add	No	L3	0.5		
94-SS			EZ	-0.3		
94-SS			DX	-1		
95-RC			DL	1.2	5c6dee23-52 79495a-9a56 -45d3d3e7c da	
95-RC	Linear Add	No	L3	0.5		
95-RC			EZ	0.3		
95-RC			DY	-1		
95-SS			DL	1.2	9ed0ca27-6b 844c05a785 -8ba39f21ebe d	
95-SS	Linear Add	No	L3	0.5		
95-SS			EZ	-0.3		
95-SS			DY	-1		
96-RC			DL	1.2	289c396-57 d54377-ba3b -c56a6e7ef1 7	
96-RC	Linear Add	No	L1	1		
96-RC			L2	0.5		
96-RC			L3	1		
96-RC			EQX1	0.3		
96-SS	Linear Add	No	DL	1.2	2d188e5-782 1405a399a- a872a2362a6 e	
96-SS			L1	1		
96-SS			L2	0.5		
96-SS			L3	1		
96-SS	Linear Add	No	EQY1	0.3		
96-SS			EZ	1		
97-RC			DL	1.2	3d1096c-43c 84180-a04b- 48b33e182a 1	
97-RC	Linear Add	No	L1	1		
97-RC			L2	0.5		
97-RC			L3	1		
97-RC			EQX2	0.3		
97-RC	Linear Add	No	EZ	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
97-SS	Linear Add	No	DL	1.2	c85a462-51 1c496d82c -8c8146a84 0	
97-SS			L1	1		
97-SS			L2	0.5		
97-SS			L3	1		
97-SS	Linear Add	No	EQX2	0.3		
97-SS			EZ	1		
98-RC			DL	1.2	99f1854-582 e4841490a- b033178dbb 5	
98-RC	Linear Add	No	L1	1		
98-RC			L2	0.5		
98-RC			L3	1		
98-RC			EQY1	0.3		
98-RC	Linear Add	No	EZ	1		
98-SS			DL	1.2	59f8cea-ec5 749ab-be5c- 8c8dc1d3ae a	
98-SS	Linear Add	No	L1	1		
98-SS			L2	0.5		
98-SS			L3	1		
98-SS			EQY1	0.3		
98-SS	Linear Add	No	EZ	1		
99-RC			DL	1.2	ee664951-7e 7e40a6-4086 -75c8888b	
99-RC	Linear Add	No	L1	1		
99-RC			L2	0.5		
99-RC			L3	1		
99-RC			EQY2	0.3		
99-RC	Linear Add	No	EZ	1		
99-SS			DL	1.2	51deb65-906 94186-872b- 8a726a8d0	
99-SS	Linear Add	No	L1	1		
99-SS			L2	0.5		
99-SS			L3	1		
99-SS			EQY2	0.3		
100-RC	Linear Add	No	DL	1.2	a0b239b-33d 24a6d33ae- 80259ac5e4 b	
100-RC			L1	1		
100-RC			L2	0.5		
100-RC			L3	1		
100-RC	Linear Add	No	EZ	1		
100-RC			DX	0.3		
100-SS			DL	1.2	37a7541-c5 3c408b-b9b7 -31a2d207a95 49	
100-SS	Linear Add	No	L1	1		
100-SS			L2	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
100-SS	Linear Add	No	L1	1		
100-SS			EZ	1		
100-SS			DX	0.3	e574e153-44	
101-RC			DL	1.2	10-4171-8840 -D0a3b08ef 4	
101-RC	Linear Add	No	L1	1		
101-RC			L2	0.5		
101-RC			L3	1		
101-RC			EZ	1		
101-RC	Linear Add	No	DY	0.3		
101-SS			DL	1.2	2644e10f-419 4-4009-9dfe- C20a030945d	
101-SS			L1	1		
101-SS			L2	0.5		
101-SS	Linear Add	No	L3	1		
101-SS			EZ	1		
101-SS			DY	0.3		
102-RC			DL	1.2	54c61262-16 ae-4364-87D -9020e72a7c c1	
102-RC	Linear Add	No	L1	1		
102-RC			L2	0.5		
102-RC			L3	1		
102-RC			EQX1	0.3		
102-RC	Linear Add	No	EZ	-1		
102-SS			DL	1.2	389a414-72f e-4d81-ab64- 8903f1e6c3b	
102-SS			L1	1		
102-SS			L2	0.5		
102-SS	Linear Add	No	L3	1		
102-SS			EQX1	0.3		
102-SS			EZ	-1		
103-RC			DL	1.2	8ec5078b-22 91-4386-8ae7 -1ea4c74cd1 8e	
103-RC	Linear Add	No	L1	1		
103-RC			L2	0.5		
103-RC			L3	1		
103-RC			EQX2	0.3		
103-RC	Linear Add	No	EZ	-1		
103-SS			DL	1.2	428ac889-34 d5-427f19fb- 99394922392 c	
103-SS			L1	1		
103-SS			L2	0.5		
103-SS	Linear Add	No	L3	1		
103-SS			EQX2	0.3		
103-SS			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
104-RC	Linear Add	No	DL	1.2	24c4f15-207 e-4213-9a09- 8310a078c9b b	
104-RC			L1	1		
104-RC			L2	0.5		
104-RC			L3	1		
104-RC	Linear Add	No	EQY1	0.3		
104-RC			EZ	-1		
104-SS			DL	1.2	a3e458e4-45 15-4bee-8a06 -2c0705a899 93	
104-SS	Linear Add	No	L1	1		
104-SS			L2	0.5		
104-SS			L3	1		
104-SS			EQY1	0.3		
104-SS	Linear Add	No	EZ	-1		
105-RC			DL	1.2	39925a26-61 0d-4e32-b078 -d95474ae54 20	
105-RC	Linear Add	No	L1	1		
105-RC			L2	0.5		
105-RC			L3	1		
105-RC			EQY2	0.3		
105-RC	Linear Add	No	EZ	-1		
105-SS			DL	1.2	8bc7114-cd0 -430a-ae05-1 5336a006e9c	
105-SS	Linear Add	No	L1	1		
105-SS			L2	0.5		
105-SS			L3	1		
105-SS			EQY2	0.3		
105-SS	Linear Add	No	EZ	-1		
106-RC			DL	1.2	49ab4d78-02 4e-4baa-29f- 0a0a4c0a0c2 c	
106-RC	Linear Add	No	L1	1		
106-RC			L2	0.5		
106-RC			L3	1		
106-RC			EZ	-1		
106-RC	Linear Add	No	DX	0.3		
106-SS			DL	1.2	2c793b0f-7c 3-4a8f9c5-a -3be17f998a	
106-SS	Linear Add	No	L1	1		
106-SS			L2	0.5		
106-SS			L3	1		
106-SS			EZ	-1		
107-RC	Linear Add	No	DL	1.2	01c1a09-153 5-4a47-a253- 0a0a27a00f e	
107-RC			L1	1		
107-RC			L2	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
107-RC	Linear Add	No	L3	1		
107-RC			EZ	-1		
107-RC			DY	0.3		
107-SS			DL	1.2	a0ec3c0b-0a4 5-4a62-b05-d 3e7623b0ee4	
107-SS	Linear Add	No	L1	1		
107-SS			L2	0.5		
107-SS			L3	1		
107-SS			EZ	-1		
107-SS	Linear Add	No	DY	0.3		
108-RC			DL	1.2	92da207b-e5 5a-4e0a-89f5 -8673c2e4e ab	
108-RC	Linear Add	No	L1	1		
108-RC			L2	0.5		
108-RC			L3	1		
108-RC			EQX1	-0.3		
108-RC	Linear Add	No	EZ	1		
108-SS			DL	1.2	ee7a6842-0c ed-4603-910b -acc3a693e 93	
108-SS	Linear Add	No	L1	1		
108-SS			L2	0.5		
108-SS			L3	1		
108-SS			EQX1	-0.3		
108-SS	Linear Add	No	EZ	1		
109-RC			DL	1.2	b2e9b6ae-0f1 8-41b7-945c -ee40e3261c	
109-RC	Linear Add	No	L1	1		
109-RC			L2	0.5		
109-RC			L3	1		
109-RC			EQX2	-0.3		
109-RC	Linear Add	No	EZ	1		
109-SS			DL	1.2	0f5e5b5-7a5 e-436b-8a05 -81791453a20 0	
109-SS	Linear Add	No	L1	1		
109-SS			L2	0.5		
109-SS			L3	1		
109-SS			EQX2	-0.3		
109-SS	Linear Add	No	EZ	1		
110-RC			DL	1.2	13a0e095-d1 c2-41ed-87d8 -327be7e54 1b	
110-RC	Linear Add	No	L1	1		
110-RC			L2	0.5		
110-RC			L3	1		
110-RC			EQY1	-0.3		
110-RC	Linear Add	No	EZ	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
110-SS	Linear Add	No	DL	1.2	58464a0b-16 31-4109-a6c7 -cc36b6e631 a	
110-SS			L1	1		
110-SS			L2	0.5		
110-SS			L3	1		
110-SS	Linear Add	No	EQY1	-0.3		
110-SS			EZ	-1		
111-RC			DL	1.2	8abb977-041 -4178-a0a6-1 40a47bc57	
111-RC	Linear Add	No	L1	1		
111-RC			L2	0.5		
111-RC			L3	1		
111-RC			EQY2	-0.3		
111-RC	Linear Add	No	EZ	1		
111-SS			DL	1.2	759d0725-d4 8b-4aee-9ae7 -30ab7a6bad 33	
111-SS	Linear Add	No	L1	1		
111-SS			L2	0.5		
111-SS			L3	1		
111-SS			EQY2	-0.3		
111-SS	Linear Add	No	EZ	1		
112-RC			DL	1.2	8ef9e0b-59-21 18-4c05-a85f- 3eb7a65dc13 5	
112-RC	Linear Add	No	L1	1		
112-RC			L2	0.5		
112-RC			L3	1		
112-RC			EZ	1		
112-RC	Linear Add	No	DX	-0.3		
112-SS			DL	1.2	e9a0b303-49 b8-47b0-43d1 -87c62803f 7	
112-SS	Linear Add	No	L1	1		
112-SS			L2	0.5		
112-SS			L3	1		
112-SS			EZ	1		
112-SS	Linear Add	No	DX	-0.3		
113-RC			DL	1.2	9e991a21-a3 14a01c-a227- 1000c0d0a4 c	
113-RC	Linear Add	No	L1	1		
113-RC			L2	0.5		
113-RC			L3	1		
113-RC			EZ	1		
113-RC	Linear Add	No	DY	-0.3		
113-SS			DL	1.2	273cdad-69d 3-4413-8e4d- 1bc59a6971 5	
113-SS	Linear Add	No	L1	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
113-SS	Linear Add	No	L2	0.5		
113-SS			L3	1		
113-SS			EZ	1		
113-SS			DY	-0.3		
114-RC			DL	1.2	4d95386-c24 54ba3-9726- a15a5c02c2 c	
114-RC	Linear Add	No	L1	1		
114-RC			L2	0.5		
114-RC			L3	1		
114-RC			EQX1	-0.3		
114-RC			EZ	-1		
114-SS	Linear Add	No	DL	1.2	95ce94c-29 7b-403b-903b -2bc13be148 07	
114-SS			L1	1		
114-SS			L2	0.5		
114-SS			L3	1		
114-SS			EQY1	-0.3		
114-SS	Linear Add	No	EZ	-1		
115-RC			DL	1.2	ea4d7955-0c 44a1721e0a -495b5a510 de	
115-RC			L1	1		
115-RC			L2	0.5		
115-RC			L3	1		
115-RC	Linear Add	No	EQX2	-0.3		
115-RC			EZ	-1		
115-SS			DL	1.2	27aef9b-760 44362-4862- 1a03814d5f 8	
115-SS	Linear Add	No	L1	1		
115-SS			L2	0.5		
115-SS			L3	1		
115-SS			EQX2	-0.3		
115-SS			EZ	-1		
116-RC	Linear Add	No	DL	1.2	05a3359e-59 d1-469b-9a28 -9ed271c0b19 1	
116-RC			L1	1		
116-RC			L2	0.5		
116-RC			L3	1		
116-RC			EQY1	-0.3		
116-RC	Linear Add	No	EZ	-1		
116-SS			DL	1.2	8d38640-4b6 24483-a6a0- ca52c3cc338	
116-SS	Linear Add	No	L1	1		
116-SS			L2	0.5		
116-SS			L3	1		
116-SS			EQY1	-0.3		
116-SS			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
117-RC	Linear Add	No	DL	1.2	ae3ca5d7-35 c5-4a4e-8788 -04658a1ba0 3	
117-RC			L1	1		
117-RC			L2	0.5		
117-RC			L3	1		
117-RC			EQY2	-0.3		
117-SS	Linear Add	No	DL	1.2	e6732a0-24 ae4242-622a -2b19a5c0d1	
117-SS			L1	1		
117-SS			L2	0.5		
117-SS			L3	1		
117-SS			EQY2	-0.3		
118-RC	Linear Add	No	DL	1.2	10ae7f62-c7b 54c14-b6a6-1 c757a7d9ba	
118-RC			L1	1		
118-RC			L2	0.5		
118-RC			L3	1		
118-RC			EZ	-1		
118-RC	Linear Add	No	DX	-0.3		
118-SS			DL	1.2	e1801d3-90f 0-40ca-94919 087b710c69	
118-SS	Linear Add	No	L1	1		
118-SS			L2	0.5		
118-SS			L3	1		
118-SS			EZ	-1		
118-SS			DX	-0.3		
119-RC	Linear Add	No	DL	1.2	2b18d20-cd9 8-420a-9372- 50a0e22466 7	
119-RC			L1	1		
119-RC			L2	0.5		
119-RC			L3	1		
119-RC			EZ	-1		
119-RC	Linear Add	No	DX	-0.3		
119-SS			DL	1.2	101d1bce-8b 5470e-48a2 -81bc28e9a9 2	
119-SS	Linear Add	No	L1	1		
119-SS			L2	0.5		
119-SS			L3	1		
119-SS			EZ	-1		
119-SS			DY	-0.3		
120-RC	Linear Add	No	DL	1.2	5a41576-93 13-49a-955a -e6a731615a 4	
120-RC			L2	0.5		
120-RC			EQX1	0.3		
120-RC			EZ	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
120-SS	Linear Add	No	DL	1.2	02c714ea-23 54-c70b-9a4c- 0689c9c42 e	
120-SS			L2	0.5		
120-SS			EQX1	0.3		
120-SS			EZ	1		
121-RC			DL	1.2	52a929ee-50 c9-40cd-bf1d -c1a6e008a 7	
121-RC	Linear Add	No	L2	0.5		
121-RC			EQX2	0.3		
121-RC			EZ	1		
121-SS			DL	1.2	db8c9954-86 19-45a0-ba22 -60a0d1a47 d	
121-SS	Linear Add	No	L2	0.5		
121-SS			EQX2	0.3		
121-SS			EZ	1		
122-RC			DL	1.2	4276c398-0b 1e-4a0a-940b -8f3e90708 a9	
122-RC	Linear Add	No	L2	0.5		
122-RC			EQY1	0.3		
122-RC			EZ	1		
122-SS			DL	1.2	8434970-140 14362-465a- 1a08f1c305e	
122-SS	Linear Add	No	L2	0.5		
122-SS			EQY1	0.3		
122-SS			EZ	1		
123-RC			DL	1.2	80b367d0-17 ea-405a-9e47 -c086010a5 ce	
123-RC	Linear Add	No	L3	0.5		
123-RC			EQY2	0.3		
123-RC			EZ	1		
123-SS			DL	1.2	8118822-0f1 04551a08a- 5ba02353b26	
123-SS	Linear Add	No	L2	0.5		
123-SS			EQY2	0.3		
123-SS			EZ	1		
124-RC			DL	1.2	2366db4-1e6 04a67-46da- 89559528a4 a	
124-RC	Linear Add	No	L2	0.5		
124-RC			EZ	1		
124-RC			DX	0.3		
124-SS			DL	1.2	abf8aa05-c5d 04462-9e3b- b3c52a0241 9	
124-SS	Linear Add	No	L2	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
124-SS	Linear Add	No	EZ	1		
124-SS			DX	0.3		
125-RC			DL	1.2	75a0402-197 14033-9401- 975c42a6507 2	
125-RC			L2	0.5		
125-RC			EZ	1		
125-RC	Linear Add	No	DY	0.3		
125-SS			DL	1.2	90100306-76 7148a1ae43- 34a9c7832b4 b	
125-SS			L2	0.5		
125-SS			EZ	1		
125-SS			DY	0.3		
126-RC	Linear Add	No	DL	1.2	c5089421-d83 0-40a1-ba05- 572ad600f c	
126-RC			L2	0.5		
126-RC			EQX1	0.3		
126-RC			EZ	-1		
126-SS			DL	1.2	3a832242-15 0c-42a8-814c -a9d317979 5a	
126-SS	Linear Add	No	L2	0.5		
126-SS			EQY1	0.3		
126-SS			EZ	-1		
127-RC			DL	1.2	7021620c-54 244a0a37a08 -1068a53052 7	
127-RC	Linear Add	No	L2	0.5		
127-RC			EQX2	0.3		
127-RC			EZ	-1		
127-SS			DL	1.2	ae3d1550-14 3a4177-820a -2937d148d1 28	
127-SS	Linear Add	No	L2	0.5		
127-SS			EQX2	0.3		
127-SS			EZ	-1		
128-RC			DL	1.2	339579a-1ec 3-4f73-8a0d7f 1729ca26aef	
128-RC	Linear Add	No	L2	0.5		
128-RC			EQY1	0.3		
128-RC			EZ	-1		
128-SS			DL	1.2	5db80a0c-402 0-4374-9bba- 46e03b7b76 7	
128-SS	Linear Add	No	L2	0.5		
128-SS			EQY1	0.3		
128-SS			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
129.RC	Linear Add	No	DL	1.2	155959a4-54 4447fe-b0d0 -9f09e6a1e 9	
129.RC			L2	0.5		
129.RC			EQY2	0.3		
129.RC			EZ	-1		
129-SS	Linear Add	No	DL	1.2	635b05c-7f6c 430b-e021-c2 4030d3a369	
129-SS			L2	0.5		
129-SS			EQY2	0.3		
129-SS			EZ	-1		
130.RC	Linear Add	No	DL	1.2	7a0ba93b-46 53-4a46-50a0 -fc14a47c2b 4	
130.RC			L2	0.5		
130.RC			EZ	-1		
130.RC			DX	0.3		
130-SS	Linear Add	No	DL	1.2	d16456bc-c3 65-462a-5209 -a854480e2 5	
130-SS			L2	0.5		
130-SS			EZ	-1		
130-SS			DX	0.3		
131.RC	Linear Add	No	DL	1.2	3747ba77-e1 52-4359-a03 -065070f0ebf 9	
131.RC			L2	0.5		
131.RC			EZ	-1		
131.RC			DY	0.3		
131-SS	Linear Add	No	DL	1.2	43786b3-116 b-4764-b731- aa859a1e114 8	
131-SS			L2	0.5		
131-SS			EZ	-1		
131-SS			DY	0.3		
132.RC	Linear Add	No	DL	1.2	3d1072b6-f1 e-4a6b-9d07-7 37bd390a08	
132.RC			L2	0.5		
132.RC			EQX1	-0.3		
132-SS	Linear Add	No	DL	1.2	e6da0465-e1 06-4727-a1ac -98a65c9502 75	
132-SS			L2	0.5		
132-SS			EQX1	-0.3		
132-SS			EZ	1		
133.RC	Linear Add	No	DL	1.2	d72051e2-4a3 a-4a67-d11a 9a7ed7b623 7	
133.RC			L2	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
133.RC			EQX2	-0.3		
133.RC	Linear Add	No	DL	1.2	ace711a2-4eb 6-49c1-3d4e- 4e44d56024e d	
133-SS			L2	0.5		
133-SS			EQX2	-0.3		
133-SS			EZ	1		
134.RC	Linear Add	No	DL	1.2	6a0b9e25-03 51-400b-a8ab -5b7a0c246 7	
134.RC			L2	0.5		
134.RC			EQY1	-0.3		
134.RC			EZ	1		
134-SS	Linear Add	No	DL	1.2	78c35ee-ea0 d-48a0-a8a0- 03ea47b0ead 9	
134-SS			L2	0.5		
134-SS			EQY1	-0.3		
134-SS			EZ	1		
135.RC	Linear Add	No	DL	1.2	4219dd02-31 45-4472-ae77 -d8f0c0c21c7 c	
135.RC			L2	0.5		
135.RC			EQY2	-0.3		
135.RC			EZ	1		
135-SS	Linear Add	No	DL	1.2	1129514b-ba 30-4319-8b7f -8ba659c84e 5a	
135-SS			L2	0.5		
135-SS			EQY2	-0.3		
135-SS			EZ	1		
136.RC	Linear Add	No	DL	1.2	8ba84a53-06 ca-4310-ab2d -2ba7f58a33 53	
136.RC			L2	0.5		
136.RC			EZ	1		
136.RC			DX	-0.3		
136-SS	Linear Add	No	DL	1.2	753ac269-10 7a-275f-9783 -8c7a0543aa 09	
136-SS			L2	0.5		
136-SS			EZ	1		
136-SS			DX	-0.3		
137.RC	Linear Add	No	DL	1.2	7b0e6e57-86 8a-4a01-a735 -3c8e59a935 7	
137.RC			L2	0.5		
137.RC			EZ	1		
137.RC			DY	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
137-SS	Linear Add	No	DL	1.2	c0303e3f-e03 e-4159-00b6-2 88d29a943c3	
137-SS			L2	0.5		
137-SS			EZ	1		
137-SS			DY	-0.3		
138.RC	Linear Add	No	DL	1.2	82ce599-926 f-43db-b410- 9c7cc195699	
138.RC			L2	0.5		
138.RC			EQX1	-0.3		
138.RC			EZ	-1		
138-SS	Linear Add	No	DL	1.2	e44520ba-d94 d-4897-9253- 512ff6a50fc	
138-SS			L2	0.5		
138-SS			EQX1	-0.3		
138-SS			EZ	-1		
138.RC	Linear Add	No	DL	1.2	9cd041a5-90e d-47ae-a345- 308a009a3 8	
138.RC			L2	0.5		
138.RC			EQX2	-0.3		
138.RC			EZ	-1		
139-SS	Linear Add	No	DL	1.2	4d35e70a-44e 6-493a-987a- 893db0baec6 a	
139-SS			L2	0.5		
139-SS			EQX2	-0.3		
139-SS			EZ	-1		
140.RC	Linear Add	No	DL	1.2	db5160d-aef e-4c0a43a5-c 0c250aaf20	
140.RC			L2	0.5		
140.RC			EQY1	-0.3		
140.RC			EZ	-1		
140-SS	Linear Add	No	DL	1.2	9473e5c6-a9 89-43a7-0ba e83a6a0751 9	
140-SS			L2	0.5		
140-SS			EQY1	-0.3		
140-SS			EZ	-1		
141.RC	Linear Add	No	DL	1.2	E5abcf11-912 b-4359-ae14- 141b1708b0 f	
141.RC			L2	0.5		
141.RC			EQY2	-0.3		
141.RC			EZ	-1		
141-SS	Linear Add	No	DL	1.2	450a689d-3e 0f-40d0-a1a9 -342a020f4 a	
141-SS			L2	0.5		
141-SS			EQY2	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
141-SS			EZ	-1		
142.RC	Linear Add	No	DL	1.2	0818b64-133 6-4705-b6a0- 76e0333a6b 3	
142.RC			L2	0.5		
142.RC			EZ	-1		
142.RC			DX	-0.3		
142-SS	Linear Add	No	DL	1.2	093d304c-3f7 2-45cd-07ab- 998037d59H c	
142-SS			L2	0.5		
142-SS			EZ	-1		
142-SS			DX	-0.3		
143.RC	Linear Add	No	DL	1.2	0b7715c-a0d e-4807-907a- 812a69f09ff	
143.RC			L2	0.5		
143.RC			EZ	-1		
143.RC			DY	-0.3		
143-SS	Linear Add	No	DL	1.2	36d3a0b1-dd 38-4221-94e1 -d8e4b0c08f e	
143-SS			L2	0.5		
143-SS			EZ	-1		
143-SS			DY	-0.3		
144.RC	Linear Add	No	DL	1.2	5026ca41-20f d-45e3-9ba0- a1ca9a8c58a a	
144.RC			L3	0.5		
144.RC			EQX1	0.3		
144.RC			EZ	1		
144-SS	Linear Add	No	DL	1.2	09046749-40 18-4e54-84cb -989f45382c 8	
144-SS			L3	0.5		
144-SS			EQX1	0.3		
144-SS			EZ	1		
145.RC	Linear Add	No	DL	1.2	2835a985-a2f 9-442a-1a0b- 5a382a9405d e	
145.RC			L3	0.5		
145.RC			EQX2	0.3		
145.RC			EZ	1		
145-SS	Linear Add	No	DL	1.2	c71e1fe0-242 02-4ac3-09a2- c04ff059594 e	
145-SS			L3	0.5		
145-SS			EQX2	0.3		
145-SS			EZ	1		
146.RC	Linear Add	No	DL	1.2	02a3475-7cf 6-4a0a-a04e- e338c38248 1	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
146.RC	Linear Add	No	L3	0.5		
146.RC			EQY1	0.3		
146.RC			EZ	1		
146.SS	Linear Add	No	DL	1.2	a0c0a567-7d aa-45ee-a602 -376c0a553c 59	
146.SS			L3	0.5		
146.SS			EQY1	0.3		
147.RC	Linear Add	No	EZ	1		
147.RC			DL	1.2	12763844-53 b6-4d29-4924 -ce6450313c c1	
147.RC			L3	0.5		
147.RC	Linear Add	No	EQY2	0.3		
147.RC			EZ	1		
147.SS			DL	1.2	ae642092-1e 10-46c-ae64 246b0756e1 1	
147.SS	Linear Add	No	L3	0.5		
147.SS			EQY2	0.3		
147.SS			EZ	1		
148.RC	Linear Add	No	DL	1.2	756c690-ac5 2-6114-8b43 19f6222e6ee	
148.RC			L3	0.5		
148.RC			EZ	1		
148.RC	Linear Add	No	DX	0.3		
148.SS			DL	1.2	6810773f-4a0 1-4031-3f6d aa32f6c1254 1	
148.SS			L3	0.5		
148.SS	Linear Add	No	EZ	1		
148.SS			DX	0.3		
149.RC			DL	1.2	90748366-a9 1d-48b6-ab2f -8918c0c818 b	
149.RC	Linear Add	No	L3	0.5		
149.RC			EZ	1		
149.RC			DY	0.3		
149.SS	Linear Add	No	DL	1.2	72b63336-daf 6-6522-8112 8050433b-46 8	
149.SS			L3	0.5		
149.SS			EZ	1		
149.SS	Linear Add	No	DY	0.3		
150.RC			DL	1.2	d5c64712-cf1 a-4019-a07c aa07708313 4	
150.RC	Linear Add	No	L3	0.5		
150.RC			EQX1	0.3		
150.RC			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
150.SS	Linear Add	No	DL	1.2	12a69322-c3 e0-433a-934b -4d3a361c17 6d	
150.SS			L3	0.5		
150.SS			EQX1	0.3		
151.RC	Linear Add	No	EZ	-1		
151.RC			DL	1.2	0a959831-39 45-4005-a0f7 4093596cacf 4	
151.RC			L3	0.5		
151.RC	Linear Add	No	EQX2	0.3		
151.RC			EZ	-1		
151.SS			DL	1.2	82db710e-e9 b4-47eb-457c -d523217ea1 a5	
151.SS	Linear Add	No	L3	0.5		
151.SS			EQX2	0.3		
151.SS			EZ	-1		
152.RC	Linear Add	No	DL	1.2	178500c0-b2 0-4a33-39d1f 72c9f6e5656	
152.RC			L3	0.5		
152.RC			EQY1	0.3		
152.RC	Linear Add	No	EZ	-1		
152.SS			DL	1.2	5b62b2d0-bb -4635-660e-3 f71864f0cf	
152.SS			L3	0.5		
152.SS	Linear Add	No	EQY1	0.3		
152.SS			EZ	-1		
153.RC			DL	1.2	82d566f1-a63 4-4440-b6e5 e1815d49f58	
153.RC	Linear Add	No	L3	0.5		
153.RC			EQY2	0.3		
153.RC			EZ	-1		
153.SS	Linear Add	No	DL	1.2	937047d4-fcb 8-411a-ba5d 137083e46f 3	
153.SS			L3	0.5		
153.SS			EQY2	0.3		
153.SS	Linear Add	No	EZ	-1		
154.RC			DL	1.2	14ba653a-6a 6e-4b0a-680a -2965217249 47	
154.RC			L3	0.5		
154.RC	Linear Add	No	EZ	-1		
154.RC			DX	0.3		
154.SS			DL	1.2	ad26b3d4-4ff 0-4563-ae94 -04624561b0e c	
154.SS	Linear Add	No	L3	0.5		
154.SS			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
154.SS	Linear Add	No	DX	0.3		
155.RC			DL	1.2	d5c73336-62 a0-41a5-a4b4 -463503039 a	
155.RC			L3	0.5		
155.RC	Linear Add	No	EZ	-1		
155.RC			DY	0.3		
155.SS			DL	1.2	6990d041-717 1-4023-aa02 6a0579f0ea 5	
155.SS	Linear Add	No	L3	0.5		
155.SS			EZ	-1		
155.SS			DY	0.3		
156.RC	Linear Add	No	DL	1.2	187cc28a-71 20-4e0e-bec9 -79a01a6912 17	
156.RC			L3	0.5		
156.RC			EQX1	-0.3		
156.RC	Linear Add	No	EZ	1		
156.SS			DL	1.2	2073dbac-eb 04-4919-686a -0a9c324e5b 7	
156.SS			L3	0.5		
156.SS	Linear Add	No	EQX1	-0.3		
156.SS			EZ	1		
157.RC			DL	1.2	82f066e-02a 6-433c-9a449 033c03a61f	
157.RC	Linear Add	No	L3	0.5		
157.RC			EQX2	-0.3		
157.RC			EZ	1		
157.SS	Linear Add	No	DL	1.2	8a9c77ce-34 5c-49ea-2c7e 9b37f6a52c 3	
157.SS			L3	0.5		
157.SS			EQX2	-0.3		
157.SS	Linear Add	No	EZ	1		
158.RC			DL	1.2	5d9a6ec7-97 13-49a7-89c5 -2ea0a39b05 b	
158.RC	Linear Add	No	L3	0.5		
158.RC			EQY1	-0.3		
158.RC			EZ	1		
158.SS	Linear Add	No	DL	1.2	990c579f-4bc 6-4465-8c19 8ba719f00f 6	
158.SS			L3	0.5		
158.SS			EQY1	-0.3		
158.SS	Linear Add	No	EZ	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
159.RC	Linear Add	No	DL	1.2	10c64116-b23 8-450e-9c77 3c5a506726 9	
159.RC			L3	0.5		
159.RC			EQY2	-0.3		
159.RC	Linear Add	No	EZ	1		
159.SS			DL	1.2	89278844-8d 03-4254-3c3f -560708c7c 8	
159.SS			L3	0.5		
159.SS	Linear Add	No	EQY2	-0.3		
159.SS			EZ	1		
160.RC			DL	1.2	4242c9d-c57 2-4b0c-8f6d-e 0a63a1f1c12	
160.RC	Linear Add	No	L3	0.5		
160.RC			EZ	1		
160.RC			DX	-0.3		
160.SS	Linear Add	No	DL	1.2	2aa33f322-b4 9f-4c0b-3909 -d5f6a03662 e	
160.SS			L3	0.5		
160.SS			EZ	1		
160.SS	Linear Add	No	DX	-0.3		
161.RC			DL	1.2	0c763b1-68a 5-4a6d-0609 0317a94469 e	
161.RC			L3	0.5		
161.RC	Linear Add	No	EZ	1		
161.RC			DY	-0.3		
161.SS			DL	1.2	2394a0ba-01 37-4b27-9446 -3e54a61278 0b	
161.SS	Linear Add	No	L3	0.5		
161.SS			EZ	1		
161.SS			DY	-0.3		
162.RC	Linear Add	No	DL	1.2	287f58a-0a6 0-4705-ba64 f18a878646e	
162.RC			L3	0.5		
162.RC			EQX1	-0.3		
162.RC	Linear Add	No	EZ	-1		
162.SS			DL	1.2	e40e16a1-3ab e-4c23-28a4 4d0c90d090 4	
162.SS			L3	0.5		
162.SS	Linear Add	No	EQX1	-0.3		
162.SS			EZ	-1		
163.RC			DL	1.2	57435a83-6b 97-4a61-c387 -80f6c0c613 9	
163.RC	Linear Add	No	L3	0.5		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
163.RC	Linear Add	No	EQ2	-0.3	395461cb-315c-4072-b383-e135bdcdf9d	
163.RC			EZ	-1		
163.SS			DL	1.2		
163.SS	Linear Add	No	L3	0.5	1c693081-b4084c22a-91f2c-825963a7e71c	
163.SS			EQX2	-0.3		
163.SS			EZ	-1		
164.RC	Linear Add	No	DL	1.2	1c693081-b4084c22a-91f2c-825963a7e71c	
164.RC			L3	0.5		
164.RC			EQY1	-0.3		
164.RC	Linear Add	No	EZ	-1	c3d41461-ba24462c-4699-505d175869f2	
164.SS			DL	1.2		
164.SS			L3	0.5		
164.SS	Linear Add	No	EQY1	-0.3	47751c04-c40c4e4e-3ba0c-164e2720c75b	
164.SS			EZ	-1		
165.RC			DL	1.2		
165.RC	Linear Add	No	L3	0.5	e8365344-b0494721-ba5a-5d3191940ff5	
165.RC			EQY2	-0.3		
165.RC			EZ	-1		
165.SS	Linear Add	No	DL	1.2	e7b664ae-b308494a-073b-b54fe4650f1	
165.SS			L3	0.5		
165.SS			EQY2	-0.3		
166.RC	Linear Add	No	DL	1.2	e7b664ae-b308494a-073b-b54fe4650f1	
166.RC			L3	0.5		
166.RC			EQY2	-0.3		
166.RC	Linear Add	No	EZ	-1	755c7b4d-77714023-9145-8747918cdd1f	
166.SS			DL	1.2		
166.SS			L3	0.5		
166.SS	Linear Add	No	EZ	-1	15d15469-a2e0423a-803f-30a067401507	
167.RC			DL	1.2		
167.RC			L3	0.5		
167.RC	Linear Add	No	EZ	-1	15d15469-a2e0423a-803f-30a067401507	
167.RC			DL	1.2		
167.RC			DY	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
167.SS	Linear Add	No	DL	1.2	6a7445c4-d4734776-ba6f-7e5698b689a5	
167.SS			L3	0.5		
167.SS			EZ	-1		
167.SS	Linear Add	No	DY	-0.3	35ea3535-389045c2a-93a0c-87362652a7	
168.RC			DL	0.9		
168.RC			L3	0.5		
168.RC	Linear Add	No	WY1	1.8	81ae7c53-cd164462-b44e-02e1d7fa268	
168.SS			DL	0.9		
168.SS			L3	0.5		
168.SS	Linear Add	No	WY1	1.6	a9240dad-55634b2b-b349-2b0707aa325	
169.RC			DL	0.9		
169.RC			L3	0.5		
169.RC	Linear Add	No	WY1	1.6	e0b807f1-9a984033-96b8-b90c07fa262	
169.SS			DL	0.9		
169.SS			L3	0.5		
169.SS	Linear Add	No	WY1	1.6	2f15446d-cb4430b-9967-ba020c68d2	
170.RC			DL	0.9		
170.RC			L3	0.5		
170.RC	Linear Add	No	WY2	1.6	0723c299-86324c1-8a84-690f94e5a7b	
170.SS			DL	0.9		
170.SS			L3	0.5		
170.SS	Linear Add	No	WY2	1.6	fb80304-c792489-87f1-52e4fe3eae5d	
171.RC			DL	0.9		
171.RC			L3	0.5		
171.RC	Linear Add	No	WY2	1.6	7c0b87b8-cd634c17-8183-2a720f1ac08	
171.SS			DL	0.9		
171.SS			L3	0.5		
171.SS	Linear Add	No	WY2	1.6	8513573b-6974d70-91f5-4a403c58a41	
172.RC			DL	0.9		
172.RC			L3	0.5		
172.RC	Linear Add	No	EQX1	1	b7e0c12-9844d11a97-cd588359f00	
172.RC			EZ	-0.3		
172.SS			DL	0.9		
172.SS	Linear Add	No	EQX1	1	1c334850-47e44859-bb0c-495e6f5329e	
173.RC			EZ	-0.3		
173.RC			DL	0.9		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
173.RC	Linear Add	No	EQX2	1	4729042-a9c44814-a98c-229c4ede009	
173.RC			DL	0.9		
173.SS			L3	0.5		
173.SS	Linear Add	No	EQX2	1	18a5191-48e4432c-a86c-7d5423a2e2a9	
173.SS			EZ	-0.3		
174.RC			DL	0.9		
174.RC	Linear Add	No	EQY1	1	67a29a54-32b547e1-9489-9320c1208f8	
174.RC			EZ	-0.3		
174.SS			DL	0.9		
174.SS	Linear Add	No	EQY1	1	9929f69-3a784a03-ab0c-d9d7d59c22a7	
174.SS			EZ	-0.3		
175.RC			DL	0.9		
175.RC	Linear Add	No	EQY2	1	26d80b9-47454c7e-a077-e4050a0a0e	
175.RC			EZ	-0.3		
175.SS			DL	0.9		
175.SS	Linear Add	No	EQY2	1	8ee5248-98f1483b-8bec-449501e08713	
175.SS			EZ	-0.3		
175.RC			DL	0.9		
176.RC	Linear Add	No	EZ	-0.3	d7b33a13-be0b4198a-0c6c3b17854326a	
176.RC			DX	1		
176.SS			DL	0.9		
176.SS	Linear Add	No	EZ	-0.3	c98a378b-45384932-ba0e-8650a08b3f1	
176.SS			DX	1		
177.RC			DL	0.9		
177.RC	Linear Add	No	EZ	-0.3	010a0c09-d8244737-adff414f386172	
177.SS			DY	1		
177.SS			DL	0.9		
177.SS	Linear Add	No	EZ	-0.3	d70a0a85-2a6045f1a45d-4c9e56591b4f	
177.SS			DY	1		
178.RC			DL	0.9		
178.RC	Linear Add	No	EQX1	1		
178.RC			EZ	-0.3		
178.RC			DY	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
178.RC	Linear Add	No	EZ	-0.3	7798bf12-ac92454a-e51c365af434899	
178.SS			DL	0.9		
178.SS			L3	0.5		
178.SS	Linear Add	No	EQX1	1	825c7e51-1bba48e-b42b-b9158a9f53d9	
178.SS			EZ	-0.3		
179.RC			DL	0.9		
179.RC	Linear Add	No	EQX2	1	19d49cb-7b57469a-8779-2002b0e095d	
179.RC			EZ	-0.3		
179.SS			DL	0.9		
179.SS	Linear Add	No	EQX2	1	91671435-45e04b79-3046-c0e0e0e0e0e	
180.RC			EZ	-0.3		
180.RC			DL	0.9		
180.RC	Linear Add	No	EQY1	1	3e532e06-4752489-aedf1-8a86a30c1b72	
180.SS			EZ	-0.3		
180.SS			DL	0.9		
180.SS	Linear Add	No	EQY1	1	0ba0c04-79e145d2-970c1c0b149ab79	
181.RC			EZ	-0.3		
181.RC			DL	0.9		
181.RC	Linear Add	No	EQY2	1	6d87e115-4b01451a-b003-837c5a49497	
181.SS			EZ	-0.3		
181.SS			DL	0.9		
181.SS	Linear Add	No	EQY2	1	9ef72b0-19484951-9993-93ba3ba41d01	
182.RC			EZ	-0.3		
182.RC			DL	0.9		
182.RC	Linear Add	No	EZ	-0.3	01183c04-cb034915-b597-6d0a0d07d3	
182.RC			DX	1		
182.SS			DL	0.9		
182.SS	Linear Add	No	EZ	-0.3	dae0802-660944a6-9ba3-c0ee070763f	
183.RC			DX	1		
183.RC			DL	0.9		
183.RC	Linear Add	No	EZ	-0.3		
183.RC			DX	1		
183.RC			DY	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
183-SS	Linear Add	No	DL	0.9	c45f5c41-f1e4-4c04-b9a0-806db349000	
183-SS			EZ	-0.3		
183-SS			DY	1		
184-RC	Linear Add	No	DL	0.9	a07b6702-1e47-4eb3-89a2-60e2a69de139	
184-RC			EQX1	-1		
184-RC			EZ	0.3		
184-SS	Linear Add	No	DL	0.9	a218a57-3c8e-4941-acc0-b44c3a02418	
184-SS			EQX1	-1		
184-SS			EZ	0.3		
185-RC	Linear Add	No	DL	0.9	1b96736-4618-4601-af80-0526a8a200c	
185-RC			EQX2	-1		
185-RC			EZ	0.3		
185-SS	Linear Add	No	DL	0.9	ab217f6-1485-4850-9a27-956623a9194d	
185-SS			EQX2	-1		
185-SS			EZ	0.3		
186-RC	Linear Add	No	DL	0.9	67e500ab-9d97-416a-9a21-a37e51d0a8b8	
186-RC			EQY1	-1		
186-RC			EZ	0.3		
186-SS	Linear Add	No	DL	0.9	a67b7d7-ae7ad-26-4ae6-a68d-92ca3a3e6f8f	
186-SS			EQY1	-1		
186-SS			EZ	0.3		
187-RC	Linear Add	No	DL	0.9	21489a75-173a-4697-8436-7360ceeb0f62	
187-RC			EQY2	-1		
187-RC			EZ	0.3		
187-SS	Linear Add	No	DL	0.9	8390be46-4dd5-474c-ba6d-4eaf0ba5698f	
187-SS			EQY2	-1		
187-SS			EZ	0.3		
188-RC	Linear Add	No	DL	0.9	c58e6659-1bf8-4a47-339a6-a691c2603a13	
188-RC			EZ	0.3		
188-RC			DX	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
188-SS	Linear Add	No	DL	0.9	7554c457-4859-4a9e-865c-1053798bae7e	
188-SS			EZ	0.3		
188-SS			DY	-1		
189-RC	Linear Add	No	DL	0.9	18c2a3a0-49fc-41a1a1a1c25a875a6a157	
189-RC			EZ	0.3		
189-RC			DY	-1		
189-SS	Linear Add	No	DL	0.9	daed3a6-b715-40bc-9a07-ba5c4a6ed224	
189-SS			EZ	0.3		
189-SS			DY	-1		
190-RC	Linear Add	No	DL	0.9	dc867916-098a-486a-bca0-eac34018c07a	
190-RC			EQX1	-1		
190-RC			EZ	-0.3		
190-SS	Linear Add	No	DL	0.9	7baa556-4d2b-4a53-a161-d757623dc813	
190-SS			EQX1	-1		
190-SS			EZ	-0.3		
191-RC	Linear Add	No	DL	0.9	774770b-78cc-4a3a-d763-c975941ba019	
191-RC			EQX2	-1		
191-RC			EZ	-0.3		
191-SS	Linear Add	No	DL	0.9	cd14a746-3c8a-4532-a0a1-d25a6a6e009e	
191-SS			EQX2	-1		
191-SS			EZ	-0.3		
192-RC	Linear Add	No	DL	0.9	57367a41-5b19-4769-ba75-5691a1d27575	
192-RC			EQY1	-1		
192-RC			EZ	-0.3		
192-SS	Linear Add	No	DL	0.9	9304436-5661-4320-9833-3a0675a5c54d	
192-SS			EQY1	-1		
192-SS			EZ	-0.3		
193-RC	Linear Add	No	DL	0.9	8ee9257d-9152-4a94-c008-78a6d0a06848	
193-RC			EQY2	-1		
193-RC			EZ	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
193-SS	Linear Add	No	DL	0.9	2a56a3a6-3a24-4415-a244-73a0283d7336	
193-SS			EQY2	-1		
193-SS			EZ	-0.3		
194-RC	Linear Add	No	DL	0.9	29dc534b-9b67-4680-9761-759111162309	
194-RC			EZ	-0.3		
194-RC			DX	-1		
194-SS	Linear Add	No	DL	0.9	18da0402-047c-47e3-32da9aef53a376f1b1	
194-SS			EZ	-0.3		
194-SS			DX	-1		
195-RC	Linear Add	No	DL	0.9	065ee4a9-4a66-4929-99d9-b58a9e98110e	
195-RC			EZ	-0.3		
195-RC			DY	-1		
195-SS	Linear Add	No	DL	0.9	47b03a8f-4712-4a00-a322-351b97063083	
195-SS			EZ	-0.3		
195-SS			DY	-1		
196-RC	Linear Add	No	DL	0.9	979c0a56-6a24-402a-839c-310cb6bde423	
196-RC			EQX1	0.3		
196-RC			EZ	1		
196-SS	Linear Add	No	DL	0.9	18a00ba5-e113-46a0-a959-249da247a275	
196-SS			EQX1	0.3		
196-SS			EZ	1		
197-RC	Linear Add	No	DL	0.9	8f722492-2a07-14466-a99b-ca8f78b73638	
197-RC			EQX2	0.3		
197-RC			EZ	1		
197-SS	Linear Add	No	DL	0.9	2f6b070b-ee5f-4486b-89cd-19d0f18a6a68	
197-SS			EQX2	0.3		
197-SS			EZ	1		
198-RC	Linear Add	No	DL	0.9	7cc04020-4c63-43cb-853b-a60770552b12	
198-RC			EQY1	0.3		
198-RC			EZ	1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
198-SS	Linear Add	No	DL	0.9	1228041f-4d31-446a-ba31-e462c3c98a60	
198-SS			EQY1	0.3		
198-SS			EZ	1		
199-RC	Linear Add	No	DL	0.9	7cd7774d-1379-4c41-8acc-8c0b6a5f1e10	
199-RC			EQY2	0.3		
199-RC			EZ	1		
199-SS	Linear Add	No	DL	0.9	4180750-644c-4a00-3a10-e98ba3c2032	
199-SS			EQY2	0.3		
199-SS			EZ	1		
200-RC	Linear Add	No	DL	0.9	2a0736f3-c52c-4aee-82613-400b93ae60a	
200-RC			EZ	1		
200-RC			DX	0.3		
200-SS	Linear Add	No	DL	0.9	ac3b7472-4b07-4b95-9777-83a086561199	
200-SS			EZ	1		
200-SS			DX	0.3		
201-RC	Linear Add	No	DL	0.9	fc50a4a6-e218-4a6e-a000-763136746ae5	
201-RC			EZ	1		
201-RC			DY	0.3		
201-SS	Linear Add	No	DL	0.9	ca06a6b-490c-4022-a959-9a9e50c6a79	
201-SS			EZ	1		
201-SS			DY	0.3		
202-RC	Linear Add	No	DL	0.9	12a37a7b-40ed-4986-8701-f5a4ca66e641	
202-RC			EQX1	0.3		
202-RC			EZ	-1		
202-SS	Linear Add	No	DL	0.9	354e694-871b-4501-9a12-ba5d0a1208e	
202-SS			EQX1	0.3		
202-SS			EZ	-1		
203-RC	Linear Add	No	DL	0.9	0a3b3664-4dd19-4f11a3b6-54a0ca06a097	
203-RC			EQX2	0.3		
203-RC			EZ	-1		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
203-SS	Linear Add	No	DL	0.9	2c3a5e53141 e-4934-874- a658a67a90 4	
203-SS			EQX2	0.3		
203-SS			EZ	-1		
204-RC	Linear Add	No	DL	0.9	d53432d5-1a9 b-4864-af11-1 7041082a9ab	
204-RC			EQY1	0.3		
204-RC			EZ	-1		
204-SS	Linear Add	No	DL	0.9	76632c2-873 1-4575-a9d5- d8a56f13101	
204-SS			EQY1	0.3		
204-SS			EZ	-1		
205-RC	Linear Add	No	DL	0.9	c5599a07-45e 3-49ac-a9d8- 9a3895c2b4c 5	
205-RC			EQY2	0.3		
205-RC			EZ	-1		
205-SS	Linear Add	No	DL	0.9	10788f10-025 8-4ee1-b89c-c 4999a9a4e4b	
205-SS			EQY2	0.3		
205-SS			EZ	-1		
206-RC	Linear Add	No	DL	0.9	2623636-c7 7c-4045-85c) -749000c6c 4b	
206-RC			EZ	-1		
206-RC			DX	0.3		
206-SS	Linear Add	No	DL	0.9	cd85d9cc-654 e-4e74-bc16- bd70a977ae f	
206-SS			EZ	-1		
206-SS			DX	0.3		
207-RC	Linear Add	No	DL	0.9	f723688-0a9 1-4422-8e67- 6203a3c49e9 b	
207-RC			EZ	-1		
207-RC			DY	0.3		
207-SS	Linear Add	No	DL	0.9	4e019a95-571 8-4d95-a01e- 4a87382517f	
207-SS			EZ	-1		
207-SS			DY	0.3		
208-RC	Linear Add	No	DL	0.9	07d8e56-312 e-4a4e1-8003-8 7a22a77f0d	
208-RC			EQX1	-0.3		
208-RC			EZ	1		
208-SS	Linear Add	No	DL	0.9	1e4425d7-bb 0e-44a9-889a -e9f1a373a5 8c	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
206-SS			EQX1	-0.3		
206-SS			EZ	1		
209-RC	Linear Add	No	DL	0.9	eaac4311-776 4-41e1-8a55- 66bae4331d3 5	
209-RC			EQX2	-0.3		
209-RC			EZ	1		
209-SS	Linear Add	No	DL	0.9	7558a02c-30 e5-48ba-999d -e2ac0f65d8 d	
209-SS			EQX2	-0.3		
209-SS			EZ	1		
210-RC	Linear Add	No	DL	0.9	23d749a-858 e-4ee0-8421- 49a9a4967b 6	
210-RC			EQY1	-0.3		
210-RC			EZ	1		
210-SS	Linear Add	No	DL	0.9	9a0d9c39-44 7d-4a61-8897 -a59e7c333b 8b	
210-SS			EQY1	-0.3		
210-SS			EZ	1		
211-RC	Linear Add	No	DL	0.9	64ac7c25-02 0b-4c47-4009 -8be2623194	
211-RC			EQY2	-0.3		
211-RC			EZ	1		
211-SS	Linear Add	No	DL	0.9	54e62a61-703 1-4c7e-a9c2- 5321719c379 a	
211-SS			EQY2	-0.3		
211-SS			EZ	1		
212-RC	Linear Add	No	DL	0.9	81ec47f9-bec 6-43d4-a9ba- a30c352a80 d	
212-RC			EZ	1		
212-RC			DX	-0.3		
212-SS	Linear Add	No	DL	0.9	2014f1ca-30 41-4d4e-8645 -77ed4a6e88 c	
212-SS			DX	1		
212-SS			DX	-0.3		
213-RC	Linear Add	No	DL	0.9	65562367-83f 6-408b-802c- c98b7a1906 5	
213-RC			EZ	1		
213-RC			DY	-0.3		
213-SS	Linear Add	No	DL	0.9	b326ca23-70 c7-42a0-3062 -03aef783d 53	

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
213-SS			EZ	1		
213-SS			DY	-0.3		
214-RC	Linear Add	No	DL	0.9	42207a5-102 0-4469-a9f4- 3aac59c7c4d	
214-RC			EQX1	-0.3		
214-RC			EZ	-1		
214-SS	Linear Add	No	DL	0.9	0c3b89a1-11 d3-461e-a330 -c536a0713c	
214-SS			EQX1	-0.3		
214-SS			EZ	-1		
215-RC	Linear Add	No	DL	0.9	441a5a3-0a3 5-44a8-a11d-8 b9b9e5a39	
215-RC			EQX2	-0.3		
215-RC			EZ	-1		
215-SS	Linear Add	No	DL	0.9	4c3d071a-5e9 b-4b40-980c- 9aa2681366 5	
215-SS			EQX2	-0.3		
215-SS			EZ	-1		
216-RC	Linear Add	No	DL	0.9	023411cd-85 e1-4613-b9ed -d2b2c9c390 a2	
216-RC			EQY1	-0.3		
216-RC			EZ	-1		
216-SS	Linear Add	No	DL	0.9	a59b15d3-12 44-4bec-a647- 1a6a3c1faab 7	
216-SS			EQY1	-0.3		
216-SS			EZ	-1		
217-RC	Linear Add	No	DL	0.9	e27e035b-69 7a-1f65-a915 -98b2505dae 10	
217-RC			EQY2	-0.3		
217-RC			EZ	-1		
217-SS	Linear Add	No	DL	0.9	16204777-74 79-4f6e-a71c- 5dca0a46744 5	
217-SS			EQY2	-0.3		
217-SS			EZ	-1		
218-RC	Linear Add	No	DL	0.9	62ab99b-0c 01-435a-ba03 -d782a09a30 e	
218-RC			EZ	-1		
218-RC			DX	-0.3		
218-SS	Linear Add	No	DL	0.9	938ed7e5-b5 7a-401b-807d -d71407b03f 8	
218-SS			EZ	-1		
218-SS			DX	-0.3		

Table: Load Combination Definitions						
Name	Type	Is Auto	Load Name	SF	GUID	Notes
Unless	Unless	Yes/No	Unless	Unless	Unless	Unless
219-RC	Linear Add	No	DL	0.9	5c5a434-34 16-4a5a-c2c3 -a50c31a028 3d	
219-RC			EZ	-1		
219-RC			DY	-0.3		
219-SS	Linear Add	No	DL	0.9	0a59da63-99 87-4f4c-8a7b- 8873c34752 d	
219-SS			EZ	-1		
219-SS			DY	-0.3		
219-SS	Linear Add	No	DL	0.2206	2d038620-fc0 4-4d91-a786- 97b1ed4c0a 0	

Table: Material List by Section Property

Table: Material List by Section Property					
Section	Object Type	Number	Length	Weight	Number
Unless	Unless	Unless	m	tonf	Unless
C50-50	Column	8	20.9	12.54	
B30X50	Beam	8	48	15.84	
S20	Floor			17.28	0

Table: Material Properties - Concrete Data, Part 1 of 2

Table: Material Properties - Concrete Data, Part 1 of 2							
Material	F _c	L _W Conc	Is User Fr	SS Curve Opt	SS HysType	S _{FE}	S _{Cap}
Unless	kgf/cm ²	Yes/No	Yes/No	Unless	Unless	mm/mm	mm/mm
CON280	2.8	No	No	Mander	Concrete	0.00219	0.005

Table: Material Properties - Concrete Data, Part 2 of 2

Table: Material Properties - Concrete Data, Part 2 of 2		
Material	Fr Angle	D Angle
Unless	deg	deg
CON280	0	0

Table: Material Properties - General

Table: Material Properties - General					
Material	Type	SymType	Grade	Color	GUID
Unless	Unless	Unless	Unless	Unless	Unless
2800	Rebar	UniaxiW	Unknown	Red	c05e102-4b09 9-4a63-818e- 24e4c7b27a d
4200	Rebar	UniaxiW	Unknown	Green	ea80d43d-91 1b-4024-9013 -a40ca801 ad

Table: Material Properties - General						
Material Unless	Type Unless	SymType Unless	Grade Unless	Color Unless	GUID Unless	Notes Unless
A36	Steel	Isotropic	Unknown	Gray/Black	655c5c-34d9-70-44a3-8980-401416cd5d-e7	
A416Gr270	Tendon	Uniaxial	Unknown	Yellow	86c3a9a-fd1e-4393-896c-a3a2e9953c6-8	
A572Gr50	Steel	Isotropic	Unknown	Magenta	0414d9f-52c3-4213-8cca-c850a4e80c-5	
CON280	Concrete	Isotropic	Unknown	Cyan	30a2eac-c9-88-45f8-82ec-633e9fa956c-7	
MAT	Other	Isotropic	Unknown	Blue	8a96192a-e678-40ea-a44f-044769a428f-2	
SN400	Steel	Isotropic	Unknown	Magenta	57ba148c-84d4-4843-ba58-a93d73a45c3-75	
SN490	Steel	Isotropic	Unknown	Cyan	296fd003-a981-441c3-5222-61221261b95c	

Table: Material Properties - Steel Data, Part 1 of 2

Table: Material Properties - Steel Data, Part 1 of 2									
Material Unless	Fy kgf/mm ²	Fu kgf/mm ²	Fy kgf/mm ²	Fu kgf/mm ²	SSCurve Unless	SSType Unless	Slend mm/mm	Shax mm/mm	
A36	25	40	25	40	Simple	Kinematic	0.02	0.14	
A572Gr50	35	45	35	45	Simple	Kinematic	0.015	0.11	
SN400	24	41	24	41	Simple	Kinematic	0.015	0.11	
SN490	33	50	33	50	Simple	Kinematic	0.015	0.11	

Table: Material Properties - Steel Data, Part 2 of 2

Table: Material Properties - Steel Data, Part 2 of 2		
Material Unless	Slip mm/mm	FinalSlope Unless
A36	0.2	-0.1
A572Gr50	0.17	-0.1
SN400	0.17	-0.1
SN490	0.17	-0.1

Table: Story Definitions

Table: Story Definitions						
Name Unless	Height m	Master Story Yes/No	Similar To Unless	Splice Story Yes/No	Color Unless	GUID Unless
RFL	3.875	No	None	No	Cyan	1b79a9a-25a-4293-b1e1-67b6a2ac509-a
GL	1.35	No	None	No	Magenta	2508a44d-8a6-3-4316-9153-1cc68dc13014

11.2 梁分析設計

警衛室(B 棟)

梁配筋資料:

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*** -45-1-1

-45-1 R	"RB1b"(30* 50)		
TOP1	3#7	3#7	3#7
TOP2	0	0	0
BOT2	0	0	0
BOT1	3#7	3#7	3#7
STIR	#4@10	#4@15	#4@10
WEB			0#3

XX-1 R	"RCB2b"(30* 50)		
TOP1	3#7	3#7	3#7
TOP2	0	0	0
BOT2	0	0	0
BOT1	3#7	3#7	3#7
STIR	#4@10	#4@10	#4@10
WEB			0#3

XX-1 R	"RB2b"(30* 50)		
TOP1	3#7	3#7	3#7
TOP2	0	0	0
BOT2	0	0	0
BOT1	3#7	3#7	3#7
STIR	#4@10	#4@15	#4@10
WEB			0#3

-45-1 1M	"1MB1b"(30* 50)		
TOP1	3#7	3#7	3#7
TOP2	0	0	0
BOT2	0	0	0
BOT1	3#7	3#7	3#7

STIR	#4@10	#4@15	#4@10
WEB			0#3

XX-1 GL	"GLB2b"(30*205)		
TOP1	3#7	3#7	3#7
TOP2	0	0	0
BOT2	0	0	0
BOT1	3#7	3#7	3#7
STIR	#4@15	#4@15	#4@15
WEB			5#5

-45-1 GL	"GLB1b"(30*205)		
TOP1	3#7	3#7	3#7
TOP2	0	0	0
BOT2	0	0	0
BOT1	3#7	3#7	3#7
STIR	#4@15	#4@15	#4@15
WEB			5#5

暫存區(C 棟)

*** GL-1

XX-2 R	"RB1c"(30* 50)			"RB2c"(30* 50)		
TOP1	3#7	3#7	3#7	3#7	3#7	3#7
TOP2	0	0	0	0	0	0
BOT2	0	0	0	0	0	0
BOT1	3#7	3#7	3#7	3#7	3#7	3#7
STIR	#4@10	#4@10	#4@10	#4@10	#4@20	#4@10
WEB			0#3			0#3

YY-1 R	"RG1c"(30* 50)		
TOP1	3#7	3#7	3#7
TOP2	0	0	0
BOT2	0	0	0
BOT1	3#7	3#7	3#7
STIR	#4@10	#4@20	#4@10
WEB			0#3

XX-2 T	"TB1c"(30* 50)			"TB2c"(30* 50)		
TOP1	3#7	3#7	3#7	3#7	3#7	3#7

TOP2	0	0	0	0	0	0
BOT2	0	0	0	0	0	0
BOT1	3#7	3#7	3#7	3#7	3#7	3#7
STIR	#4@15	#4@15	#4@15	#4@15	#4@20	#4@15
WEB			0#3			0#3

YY-1 T "TG1c"(30* 50)

TOP1	3#7	3#7	3#7
TOP2	0	0	0
BOT2	0	0	0
BOT1	3#7	3#7	3#7
STIR	#4@15	#4@20	#4@15
WEB			0#3

暫存區(D 棟)

梁配筋資料:

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*** XX-1-1

XX-1 R "RB1d"(30* 50)

TOP1	3#7	3#7	3#7
TOP2	0	0	0
BOT2	0	0	0
BOT1	3#7	3#7	3#7
STIR	#4@10	#4@20	#4@10
WEB			0#3

YY-1 R "RG1d"(30* 50)

TOP1	3#7	3#7	3#7
TOP2	0	0	0
BOT2	0	0	0
BOT1	3#7	3#7	3#7
STIR	#4@10	#4@20	#4@10
WEB			0#3

XX-1 T "TB1d"(30* 50)

TOP1	3#7	3#7	3#7
TOP2	0	0	0
BOT2	0	0	0
BOT1	3#7	3#7	3#7
STIR	#4@15	#4@20	#4@15

	WEB			0#3
YY-1 T		"TG1d"(30* 50)		
	TOP1	3#7	3#7	3#7
	TOP2	0	0	0
	BOT2	0	0	0
	BOT1	3#7	3#7	3#7
	STIR	#4@15	#4@20	#4@15
	WEB			0#3

11.3 柱分析設計

警衛室(B 棟)

Table: Concrete Column Design Summary - ACI 318-08, Part 1 of 3

Table: Concrete Column Design Summary - ACI 318-08, Part 1 of 3								
Story Unitless	Label Unitless	UniqueName Unitless	DesignSect Unitless	Station cm	DesignOpt Unitless	Status Unitless	PMMRatio Unitless	PMMCombo Unitless
RF	C3	11	C50X30	0	Check	No Message	0.565	27-RC
RF	C3	11	C50X30	82.5	Check	No Message	0.321	85-RC
RF	C3	11	C50X30	165	Check	No Message	0.944	27-RC
RF	C4	12	C50X30	0	Check	No Message	0.575	39-RC
RF	C4	12	C50X30	82.5	Check	No Message	0.329	84-RC
RF	C4	12	C50X30	165	Check	No Message	0.97	39-RC
RF	C7	13	C30X50	0	Check	No Message	0.583	24-RC
RF	C7	13	C30X50	82.5	Check	No Message	0.323	87-RC
RF	C7	13	C30X50	165	Check	No Message	0.98	24-RC
RF	C8	14	C30X50	0	Check	No Message	0.564	36-RC
RF	C8	14	C30X50	82.5	Check	No Message	0.321	86-RC
RF	C8	14	C30X50	165	Check	No Message	0.94	36-RC
1MF	C3	1	C50X30	0	Check	No Message	0.823	25-RC
1MF	C3	1	C50X30	115	Check	No Message	0.298	85-RC
1MF	C3	1	C50X30	230	Check	No Message	0.675	39-RC
1MF	C4	2	C50X30	0	Check	No Message	0.854	72-RC
1MF	C4	2	C50X30	115	Check	No Message	0.312	36-RC
1MF	C4	2	C50X30	230	Check	No Message	0.682	26-RC
1MF	C7	3	C30X50	0	Check	No Message	0.839	75-RC
1MF	C7	3	C30X50	115	Check	No Message	0.306	75-RC
1MF	C7	3	C30X50	230	Check	No Message	0.681	37-RC
1MF	C8	4	C30X50	0	Check	No Message	0.839	26-RC
1MF	C8	4	C30X50	115	Check	No Message	0.305	26-RC
1MF	C8	4	C30X50	230	Check	No Message	0.673	25-RC
GL	C3	5	C50X30	0	Check	No Message	0.301	38-RC
GL	C3	5	C50X30	0.2	Check	No Message	0.301	38-RC
GL	C4	6	C50X30	0	Check	No Message	0.308	99-RC
GL	C4	6	C50X30	0.2	Check	No Message	0.308	99-RC
GL	C7	7	C30X50	0	Check	No Message	0.305	37-RC
GL	C7	7	C30X50	0.2	Check	No Message	0.305	37-RC
GL	C8	8	C30X50	0	Check	No Message	0.305	25-RC
GL	C8	8	C30X50	0.2	Check	No Message	0.305	25-RC

Table: Concrete Column Design Summary - ACI 318-08, Part 2 of 3

Table: Concrete Column Design Summary - ACI 318-08, Part 2 of 3								
Story Unitless	Label Unitless	UniqueName Unitless	Station cm	AsMin cm2	As cm2	Mid Bar As cm2	CornerBarAs cm2	VMajCombo Unitless
RF	C3	11	0	15	50.67	5.07	5.07	181-RC
RF	C3	11	82.5	15	50.67	5.07	5.07	181-RC
RF	C3	11	165	15	50.67	5.07	5.07	181-RC
RF	C4	12	0	15	50.67	5.07	5.07	190-RC
RF	C4	12	82.5	15	50.67	5.07	5.07	190-RC
RF	C4	12	165	15	50.67	5.07	5.07	190-RC
RF	C7	13	0	15	50.67	5.07	5.07	214-RC
RF	C7	13	82.5	15	50.67	5.07	5.07	214-RC
RF	C7	13	165	15	50.67	5.07	5.07	178-RC
RF	C8	14	0	15	50.67	5.07	5.07	191-RC
RF	C8	14	82.5	15	50.67	5.07	5.07	191-RC
RF	C8	14	165	15	50.67	5.07	5.07	191-RC
1MF	C3	1	0	15	50.67	5.07	5.07	205-RC
1MF	C3	1	115	15	50.67	5.07	5.07	205-RC

Table: Concrete Column Design Summary - ACI 318-08, Part 2 of 3

Story Unitless	Label Unitless	UniqueName Unitless	Station cm	ASMin cm2	As cm2	Mid Bar As cm2	CornerBarAs cm2	VMajCombo Unitless
1MF	C3	1	230	15	50.67	5.07	5.07	205-RC
1MF	C4	2	0	15	50.67	5.07	5.07	178-RC
1MF	C4	2	115	15	50.67	5.07	5.07	178-RC
1MF	C4	2	230	15	50.67	5.07	5.07	178-RC
1MF	C7	3	0	15	50.67	5.07	5.07	179-RC
1MF	C7	3	115	15	50.67	5.07	5.07	179-RC
1MF	C7	3	230	15	50.67	5.07	5.07	179-RC
1MF	C8	4	0	15	50.67	5.07	5.07	191-RC
1MF	C8	4	115	15	50.67	5.07	5.07	191-RC
1MF	C8	4	230	15	50.67	5.07	5.07	191-RC
GL	C3	5	0	15	50.67	5.07	5.07	191-RC
GL	C3	5	0.2	15	50.67	5.07	5.07	191-RC
GL	C4	6	0	15	50.67	5.07	5.07	178-RC
GL	C4	6	0.2	15	50.67	5.07	5.07	178-RC
GL	C7	7	0	15	50.67	5.07	5.07	25-RC
GL	C7	7	0.2	15	50.67	5.07	5.07	25-RC
GL	C8	8	0	15	50.67	5.07	5.07	36-RC
GL	C8	8	0.2	15	50.67	5.07	5.07	36-RC

Table: Concrete Column Design Summary - ACI 318-08, Part 3 of 3

Table: Concrete Column Design Summary - ACI 318-08, Part 3 of 3

Story Unitless	Label Unitless	UniqueName Unitless	Station cm	VMajRebar cm2/cm	VMinCombo Unitless	VMinRebar cm2/cm	WarnMsg Unitless	ErrMsg Unitless
RF	C3	11	0	0.0987	181-RC	0.3414	No Message	No Message
RF	C3	11	82.5	0.0987	181-RC	0.3414	No Message	No Message
RF	C3	11	165	0.0987	181-RC	0.3414	No Message	No Message
RF	C4	12	0	0.0669	205-RC	0.2798	No Message	No Message
RF	C4	12	82.5	0.0669	205-RC	0.2799	No Message	No Message
RF	C4	12	165	0.067	205-RC	0.28	No Message	No Message
RF	C7	13	0	0.2802	181-RC	0.0647	No Message	No Message
RF	C7	13	82.5	0.2803	181-RC	0.0648	No Message	No Message
RF	C7	13	165	0.3934	179-RC	0.1116	No Message	No Message
RF	C8	14	0	0.2444	192-RC	0.065	No Message	No Message
RF	C8	14	82.5	0.2445	192-RC	0.065	No Message	No Message
RF	C8	14	165	0.3607	191-RC	0.1068	No Message	No Message
1MF	C3	1	0	0.0848	205-RC	0.1624	No Message	No Message
1MF	C3	1	115	0.0848	205-RC	0.1624	No Message	No Message
1MF	C3	1	230	0.0848	205-RC	0.1624	No Message	No Message
1MF	C4	2	0	0.0883	193-RC	0.1672	No Message	No Message
1MF	C4	2	115	0.0884	193-RC	0.1672	No Message	No Message
1MF	C4	2	230	0.0885	193-RC	0.1672	No Message	No Message
1MF	C7	3	0	0.1652	193-RC	0.0866	No Message	No Message
1MF	C7	3	115	0.1652	193-RC	0.0867	No Message	No Message
1MF	C7	3	230	0.1652	193-RC	0.0868	No Message	No Message
1MF	C8	4	0	0.1649	191-RC	0.0863	No Message	No Message
1MF	C8	4	115	0.1649	180-RC	0.0863	No Message	No Message
1MF	C8	4	230	0.1649	180-RC	0.0864	No Message	No Message
GL	C3	5	0	0.0973	27-RC	0.2955	No Message	No Message
GL	C3	5	0.2	0.0973	27-RC	0.2955	No Message	No Message
GL	C4	6	0	0.0999	38-RC	0.263	No Message	No Message
GL	C4	6	0.2	0.0999	38-RC	0.263	No Message	No Message
GL	C7	7	0	0.2791	181-RC	0.1017	No Message	No Message
GL	C7	7	0.2	0.2791	181-RC	0.1017	No Message	No Message

Table: Concrete Column Design Summary - ACI 318-08, Part 3 of 3

Story Unitless	Label Unitless	UniqueName Unitless	Station cm	VMajRebar cm2/cm	VMinCombo Unitless	VMinRebar cm2/cm	WarnMsg Unitless	ErrMsg Unitless
GL	C8	8	0	0.2795	180-RC	0.1007	No Message	No Message
GL	C8	8	0.2	0.2795	180-RC	0.1007		No Message

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Table: Concrete Column Design Summary - ACI 318-08, Part 1 of 3

Table: Concrete Column Design Summary - ACI 318-08, Part 1 of 3								
Story Unitless	Label Unitless	UniqueName Unitless	DesignSect Unitless	Station mm	DesignOpt Unitless	Status Unitless	PMMRatio Unitless	PMMCombo Unitless
RFL	C1	7	C50X50	0	Check	No Message	0.198	87-RC
RFL	C1	7	C50X50	1687.5	Check	No Message	0.054	75-RC
RFL	C1	7	C50X50	3375	Check	No Message	0.172	87-RC
RFL	C2	8	C50X50	0	Check	No Message	0.198	75-RC
RFL	C2	8	C50X50	1687.5	Check	No Message	0.054	87-RC
RFL	C2	8	C50X50	3375	Check	No Message	0.172	75-RC
RFL	C3	9	C50X50	0	Check	No Message	0.257	86-RC
RFL	C3	9	C50X50	1687.5	Check	No Message	0.105	11-RC
RFL	C3	9	C50X50	3375	Check	No Message	0.393	11-RC
RFL	C4	10	C50X50	0	Check	No Message	0.257	74-RC
RFL	C4	10	C50X50	1687.5	Check	No Message	0.105	11-RC
RFL	C4	10	C50X50	3375	Check	No Message	0.393	11-RC
RFL	C5	11	C50X50	0	Check	No Message	0.232	86-RC
RFL	C5	11	C50X50	1687.5	Check	No Message	0.088	11-RC
RFL	C5	11	C50X50	3375	Check	No Message	0.332	11-RC
RFL	C6	12	C50X50	0	Check	No Message	0.232	74-RC
RFL	C6	12	C50X50	1687.5	Check	No Message	0.088	11-RC
RFL	C6	12	C50X50	3375	Check	No Message	0.332	11-RC
GL	C1	1	C50X50	0	Check	No Message	0.051	87-RC
GL	C1	1	C50X50	425	Check	No Message	0.037	85-RC
GL	C1	1	C50X50	850	Check	No Message	0.081	87-RC
GL	C2	2	C50X50	0	Check	No Message	0.051	75-RC
GL	C2	2	C50X50	425	Check	No Message	0.037	84-RC
GL	C2	2	C50X50	850	Check	No Message	0.081	75-RC
GL	C3	3	C50X50	0	Check	No Message	0.089	11-RC
GL	C3	3	C50X50	425	Check	No Message	0.082	11-RC
GL	C3	3	C50X50	850	Check	No Message	0.116	87-RC
GL	C4	4	C50X50	0	Check	No Message	0.089	11-RC
GL	C4	4	C50X50	425	Check	No Message	0.082	11-RC
GL	C4	4	C50X50	850	Check	No Message	0.116	75-RC
GL	C5	5	C50X50	0	Check	No Message	0.067	86-RC
GL	C5	5	C50X50	425	Check	No Message	0.057	11-RC
GL	C5	5	C50X50	850	Check	No Message	0.104	86-RC
GL	C6	6	C50X50	0	Check	No Message	0.067	74-RC
GL	C6	6	C50X50	425	Check	No Message	0.057	11-RC
GL	C6	6	C50X50	850	Check	No Message	0.104	74-RC

Table: Concrete Column Design Summary - ACI 318-08, Part 2 of 3

Table: Concrete Column Design Summary - ACI 318-08, Part 2 of 3								
Story Unitless	Label Unitless	UniqueName Unitless	Station mm	AsMin mm2	As mm2	Mid Bar As mm2	CornerBarAs mm2	VMajCombo Unitless
RFL	C1	7	0	2500	4645	387	387	219-RC
RFL	C1	7	1687.5	2500	4645	387	387	219-RC
RFL	C1	7	3375	2500	4645	387	387	219-RC
RFL	C2	8	0	2500	4645	387	387	219-RC
RFL	C2	8	1687.5	2500	4645	387	387	219-RC
RFL	C2	8	3375	2500	4645	387	387	219-RC
RFL	C3	9	0	2500	4645	387	387	219-RC
RFL	C3	9	1687.5	2500	4645	387	387	219-RC
RFL	C3	9	3375	2500	4645	387	387	219-RC
RFL	C4	10	0	2500	4645	387	387	219-RC

Table: Concrete Column Design Summary - ACI 318-08, Part 2 of 3

Story Unitless	Label Unitless	UniqueName Unitless	Station mm	ASMin mm2	As mm2	Mid Bar As mm2	CornerBarAs mm2	VMajCombo Unitless
RFL	C4	10	1687.5	2500	4645	387	387	219-RC
RFL	C4	10	3375	2500	4645	387	387	219-RC
RFL	C5	11	0	2500	4645	387	387	219-RC
RFL	C5	11	1687.5	2500	4645	387	387	219-RC
RFL	C5	11	3375	2500	4645	387	387	219-RC
RFL	C6	12	0	2500	4645	387	387	219-RC
RFL	C6	12	1687.5	2500	4645	387	387	219-RC
RFL	C6	12	3375	2500	4645	387	387	219-RC
GL	C1	1	0	2500	4645	387	387	219-RC
GL	C1	1	425	2500	4645	387	387	219-RC
GL	C1	1	850	2500	4645	387	387	219-RC
GL	C2	2	0	2500	4645	387	387	219-RC
GL	C2	2	425	2500	4645	387	387	219-RC
GL	C2	2	850	2500	4645	387	387	219-RC
GL	C3	3	0	2500	4645	387	387	85-RC
GL	C3	3	425	2500	4645	387	387	85-RC
GL	C3	3	850	2500	4645	387	387	85-RC
GL	C4	4	0	2500	4645	387	387	84-RC
GL	C4	4	425	2500	4645	387	387	84-RC
GL	C4	4	850	2500	4645	387	387	84-RC
GL	C5	5	0	2500	4645	387	387	219-RC
GL	C5	5	425	2500	4645	387	387	219-RC
GL	C5	5	850	2500	4645	387	387	219-RC
GL	C6	6	0	2500	4645	387	387	219-RC
GL	C6	6	425	2500	4645	387	387	219-RC
GL	C6	6	850	2500	4645	387	387	219-RC

Table: Concrete Column Design Summary - ACI 318-08, Part 3 of 3

Table: Concrete Column Design Summary - ACI 318-08, Part 3 of 3

Story Unitless	Label Unitless	UniqueName Unitless	Station mm	VMajRebar mm2/m	VMinCombo Unitless	VMinRebar mm2/m	WarnMsg Unitless	ErrMsg Unitless
RFL	C1	7	0	418.49	219-RC	418.49	No Message	No Message
RFL	C1	7	1687.5	418.49	219-RC	418.49	No Message	No Message
RFL	C1	7	3375	418.49	219-RC	418.49	No Message	No Message
RFL	C2	8	0	418.49	219-RC	418.49	No Message	No Message
RFL	C2	8	1687.5	418.49	219-RC	418.49	No Message	No Message
RFL	C2	8	3375	418.49	219-RC	418.49	No Message	No Message
RFL	C3	9	0	691.64	219-RC	681.92	No Message	No Message
RFL	C3	9	1687.5	691.64	219-RC	681.92	No Message	No Message
RFL	C3	9	3375	691.64	219-RC	681.92	No Message	No Message
RFL	C4	10	0	691.64	219-RC	681.92	No Message	No Message
RFL	C4	10	1687.5	691.64	219-RC	681.92	No Message	No Message
RFL	C4	10	3375	691.64	219-RC	681.92	No Message	No Message
RFL	C5	11	0	418.49	86-RC	473.32	No Message	No Message
RFL	C5	11	1687.5	418.49	86-RC	473.32	No Message	No Message
RFL	C5	11	3375	418.49	86-RC	473.32	No Message	No Message
RFL	C6	12	0	418.49	74-RC	473.32	No Message	No Message
RFL	C6	12	1687.5	418.49	74-RC	473.32	No Message	No Message
RFL	C6	12	3375	418.49	74-RC	473.32	No Message	No Message
GL	C1	1	0	418.49	87-RC	526.89	No Message	No Message
GL	C1	1	425	418.49	87-RC	526.89	No Message	No Message
GL	C1	1	850	418.49	87-RC	526.89	No Message	No Message
GL	C2	2	0	418.49	75-RC	526.89	No Message	No Message

Table: Concrete Column Design Summary - ACI 318-08, Part 3 of 3

Story Unitless	Label Unitless	UniqueName Unitless	Station mm	VMajRebar mm2/m	VMinCombo Unitless	VMinRebar mm2/m	WarnMsg Unitless	ErrMsg Unitless
GL	C2	2	425	418.49	75-RC	526.89	No Message	No Message
GL	C2	2	850	418.49	75-RC	526.89	No Message	No Message
GL	C3	3	0	502.76	87-RC	674.34	No Message	No Message
GL	C3	3	425	502.76	87-RC	674.34	No Message	No Message
GL	C3	3	850	502.76	87-RC	674.34	No Message	No Message
GL	C4	4	0	502.76	75-RC	674.34	No Message	No Message
GL	C4	4	425	502.76	75-RC	674.34	No Message	No Message
GL	C4	4	850	502.76	75-RC	674.34	No Message	No Message
GL	C5	5	0	418.49	86-RC	637.55	No Message	No Message
GL	C5	5	425	418.49	86-RC	637.55	No Message	No Message
GL	C5	5	850	418.49	86-RC	637.55	No Message	No Message
GL	C6	6	0	418.49	74-RC	637.55	No Message	No Message
GL	C6	6	425	418.49	74-RC	637.55	No Message	No Message
GL	C6	6	850	418.49	74-RC	637.55	No Message	No Message

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Table: Concrete Column Design Summary - ACI 318-08, Part 1 of 3

Table: Concrete Column Design Summary - ACI 318-08, Part 1 of 3								
Story Unitless	Label Unitless	UniqueName Unitless	DesignSect Unitless	Station mm	DesignOpt Unitless	Status Unitless	PMMRatio Unitless	PMMCombo Unitless
RFL	C1	5	C50x50	0	Check	No Message	0.231	87-RC
RFL	C1	5	C50x50	1687.5	Check	No Message	0.086	11-RC
RFL	C1	5	C50x50	3375	Check	No Message	0.343	11-RC
RFL	C2	6	C50x50	0	Check	No Message	0.231	75-RC
RFL	C2	6	C50x50	1687.5	Check	No Message	0.086	11-RC
RFL	C2	6	C50x50	3375	Check	No Message	0.343	11-RC
RFL	C3	7	C50x50	0	Check	No Message	0.231	86-RC
RFL	C3	7	C50x50	1687.5	Check	No Message	0.086	11-RC
RFL	C3	7	C50x50	3375	Check	No Message	0.343	11-RC
RFL	C4	8	C50x50	0	Check	No Message	0.231	74-RC
RFL	C4	8	C50x50	1687.5	Check	No Message	0.086	11-RC
RFL	C4	8	C50x50	3375	Check	No Message	0.343	11-RC
GL	C1	1	C50x50	0	Check	No Message	0.064	87-RC
GL	C1	1	C50x50	425	Check	No Message	0.058	11-RC
GL	C1	1	C50x50	850	Check	No Message	0.098	87-RC
GL	C2	2	C50x50	0	Check	No Message	0.064	75-RC
GL	C2	2	C50x50	425	Check	No Message	0.058	11-RC
GL	C2	2	C50x50	850	Check	No Message	0.098	75-RC
GL	C3	3	C50x50	0	Check	No Message	0.064	86-RC
GL	C3	3	C50x50	425	Check	No Message	0.058	11-RC
GL	C3	3	C50x50	850	Check	No Message	0.098	86-RC
GL	C4	4	C50x50	0	Check	No Message	0.064	74-RC
GL	C4	4	C50x50	425	Check	No Message	0.058	11-RC
GL	C4	4	C50x50	850	Check	No Message	0.098	74-RC

Table: Concrete Column Design Summary - ACI 318-08, Part 2 of 3

Table: Concrete Column Design Summary - ACI 318-08, Part 2 of 3								
Story Unitless	Label Unitless	UniqueName Unitless	Station mm	AsMin mm2	As mm2	Mid Bar As mm2	CornerBarAs mm2	VMajCombo Unitless
RFL	C1	5	0	2500	4645	387	387	85-RC
RFL	C1	5	1687.5	2500	4645	387	387	85-RC
RFL	C1	5	3375	2500	4645	387	387	85-RC
RFL	C2	6	0	2500	4645	387	387	84-RC
RFL	C2	6	1687.5	2500	4645	387	387	84-RC
RFL	C2	6	3375	2500	4645	387	387	84-RC
RFL	C3	7	0	2500	4645	387	387	73-RC
RFL	C3	7	1687.5	2500	4645	387	387	73-RC
RFL	C3	7	3375	2500	4645	387	387	73-RC
RFL	C4	8	0	2500	4645	387	387	72-RC
RFL	C4	8	1687.5	2500	4645	387	387	72-RC
RFL	C4	8	3375	2500	4645	387	387	72-RC
GL	C1	1	0	2500	4645	387	387	85-RC
GL	C1	1	425	2500	4645	387	387	85-RC
GL	C1	1	850	2500	4645	387	387	85-RC
GL	C2	2	0	2500	4645	387	387	84-RC
GL	C2	2	425	2500	4645	387	387	84-RC
GL	C2	2	850	2500	4645	387	387	84-RC
GL	C3	3	0	2500	4645	387	387	73-RC
GL	C3	3	425	2500	4645	387	387	73-RC
GL	C3	3	850	2500	4645	387	387	73-RC
GL	C4	4	0	2500	4645	387	387	72-RC

Table: Concrete Column Design Summary - ACI 318-08, Part 2 of 3

Story Unitless	Label Unitless	UniqueName Unitless	Station mm	ASMin mm2	As mm2	Mid Bar As mm2	CornerBarAs mm2	VMajCombo Unitless
GL	C4	4	425	2500	4645	387	387	72-RC
GL	C4	4	850	2500	4645	387	387	72-RC

Table: Concrete Column Design Summary - ACI 318-08, Part 3 of 3

Table: Concrete Column Design Summary - ACI 318-08, Part 3 of 3

Story Unitless	Label Unitless	UniqueName Unitless	Station mm	VMajRebar mm2/m	VMinCombo Unitless	VMinRebar mm2/m	WarnMsg Unitless	ErrMsg Unitless
RFL	C1	5	0	446.64	87-RC	446.64	No Message	No Message
RFL	C1	5	1687.5	446.64	87-RC	446.64	No Message	No Message
RFL	C1	5	3375	446.64	87-RC	446.64	No Message	No Message
RFL	C2	6	0	446.64	75-RC	446.64	No Message	No Message
RFL	C2	6	1687.5	446.64	75-RC	446.64	No Message	No Message
RFL	C2	6	3375	446.64	75-RC	446.64	No Message	No Message
RFL	C3	7	0	446.64	86-RC	446.64	No Message	No Message
RFL	C3	7	1687.5	446.64	86-RC	446.64	No Message	No Message
RFL	C3	7	3375	446.64	86-RC	446.64	No Message	No Message
RFL	C4	8	0	446.64	74-RC	446.64	No Message	No Message
RFL	C4	8	1687.5	446.64	74-RC	446.64	No Message	No Message
RFL	C4	8	3375	446.64	74-RC	446.64	No Message	No Message
GL	C1	1	0	586.62	87-RC	586.62	No Message	No Message
GL	C1	1	425	586.62	87-RC	586.62	No Message	No Message
GL	C1	1	850	586.62	87-RC	586.62	No Message	No Message
GL	C2	2	0	586.62	75-RC	586.62	No Message	No Message
GL	C2	2	425	586.62	75-RC	586.62	No Message	No Message
GL	C2	2	850	586.62	75-RC	586.62	No Message	No Message
GL	C3	3	0	586.62	86-RC	586.62	No Message	No Message
GL	C3	3	425	586.62	86-RC	586.62	No Message	No Message
GL	C3	3	850	586.62	86-RC	586.62	No Message	No Message
GL	C4	4	0	586.62	74-RC	586.62	No Message	No Message
GL	C4	4	425	586.62	74-RC	586.62	No Message	No Message
GL	C4	4	850	586.62	74-RC	586.62	No Message	No Message