新竹縣原住民族地區建築標準圖說
4-SC-2-1

結構計算書

Job No.　2208A

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ETABS 輸出檔
SAFE 輸入檔
SAFE 輸出檔

建築結構設計基本資料表

一、 構造種類

- ■ 鋼筋混凝土構造
- ■ 鋼骨構造
- □ 鋼骨鋼筋混凝土構造
- □ 其他

二、 結構系統之規劃及分析

- □ 韌性抗彎矩構架系統
- □ 二元系統
- ■ 其他

具對角斜撐之輕型構架

三、 結構材料

1. 混凝土

fc'=280 kgf/cm^2

2. 鋼筋

#4(D13)以上：fy= 4200 kgf/cm^2

(CNS 560 A2006 SD420W)

#3(D10)以下：fy= 2800 kgf/cm^2

(CNS 560 A2006 SD280W)

3. 鋼結構

SGC440 3400 kgf/cm^2

活載重 LL		kgf/m^2
1F	住宅	200
2F	住宅	200
PRF	屋頂	60

四、 水平側向力、風力檢核分析

(一) 地震力

1. 新竹縣五峰鄉
2. S_S^D = 0.7 ， S_1^D = 0.4
   S_S^M = 0.9 ， S_1^M = 0.5
3. I = 1.10
4. R_x = 3 ， R_y = 3
5. α_y = 1.0
6. 建築物基本震動週期 T_x = 0.05 $h_n^{3/4}$
   Ty = 0.05 $h_n^{3/4}$
7. Vx / W = 0.299
   Vy / W = 0.294

(二) 風力

基本設計風速每秒 32.5 公尺區

I = 1.1 ， 地況： B

五、 層間最大變位與層間變位角

(X-Dir.)

1.最大層間變位角 = 0.142‰

2.最大位移 = 0.118cm

(Y-Dir.)

1.最大層間變位角 = 0.111‰

2.最大位移 = 0.096cm

七、 結構設計

- □ ASD
- ■ USD
- ■ LRFD

八、 基礎設計

- □ 獨立基腳或聯合基腳
- □ 筏式基礎
- □ 樁基礎
- ■ 其他

版式基礎

九、 基礎開挖擋土支保措施

- [x] 斜坡明挖
- [ ] 預壘排樁
- [ ] 地下連續壁
- [ ] 其他

1.0 建築概要

本案為標準圖說，工程可能位於新竹縣五峰鄉/尖石鄉/關西鎮，為地上 2 樓之輕型鋼構造，樓高約 7.587 公尺。

建築基地：新竹縣五峰鄉/尖石鄉/關西鎮

建築規模：地上 2 層

開挖深度：0.4m

2.0 結構系統說明

地震力分析：法規靜力分析

基本資料：

建築種類： 鋼筋混凝土構造(RC)\鋼骨構造(SS)

結構系統： 其他\具對角斜撐之輕型構架

樓層概述：

樓層	高度(cm)	用途
1F	320	住宅
2F	438.7	住宅

樓版厚度：

基礎版 40cm RC 版

PRF 彩浪鋼版

開挖方式：

斜坡明挖

分析程式： ETABS V9.5

3.0 結構材料

3.1 混凝土

材料特性:

波松比	0.2
彈性模數(楊式係數)	15000 $\sqrt{fc'}$ kgf/cm^2
線性熱膨脹系數	1.2×10^{-5} 1/ ℃
混凝土規定抗壓強度 fc'	同建築結構設計基本資料表
單位重	2400 kgf/m^3

3.2 鋼筋

彈性模數(楊式係數)	2.04×10^6 kgf/cm^2
鋼筋規定降伏強度 fy	同建築結構設計基本資料表
點焊鋼線網	ASTM A706, Fy=5000 kgf/cm^2

3.3 結構鋼

材料特性:

波松比	0.3
彈性模數(楊式係數)	2.04×10^6 kgf/cm^2
線性熱膨脹系數	1.2×10^{-5} 1/ ℃
標稱降伏應力 fy	同建築結構設計基本資料表
單位重	7850 kgf/m^3

螺栓及焊材

高拉力螺栓	F10T
錨定螺栓	ASTM A307, ASTM A325
焊材	E80xx

4.0 設計載重

4.1 靜載重及活載重

靜載重

PRF

載重種類	數量	單位重	總重
設備管線	1 式	40 kgf/m^2	40 kgf/m^2

外加靜載重(SDL) 40 kgf/m^2

2F 室內

載重種類	數量	單位重	總重
舖面裝修	1 式	40 kgf/m^2	40 kgf/m^2

外加靜載重(SDL) 40 kgf/m^2

活載重 (kgf/m^2)

同建築結構設計基本資料表

樓層載重資料

樓層	面積(m^2)	重量(tf)	單位重(tf/m^2)
PRF	86.40	6.83	0.079
2F	122.40	8.81	0.072

4.2 設計地震力及分析結果

依據〝建築物耐震設計規範及解說，內政部〞，設計地震力為:

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

式中

$$\left(\frac{S_{aD}}{F_u}\right)_m = \begin{cases} \dfrac{S_{aD}}{F_u} & \dfrac{S_{aD}}{F_u} \le 0.3 \\ 0.52\dfrac{S_{aD}}{F_u} + 0.144 & 0.3 < \dfrac{S_{aD}}{F_u} < 0.8 \\ 0.70\dfrac{S_{aD}}{F_u} & \dfrac{S_{aD}}{F_u} \ge 0.8 \end{cases}$$

S_{aD}　工址設計水平譜加速度係數，為工址水平加速度與重力加速度 g 之比值。

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

I　用途係數。

α_y　起始降伏地震力放大倍數，依耐震設計規範第一章第 9 節規定，鋼結構採容許應力法設計可取 1.2，採極限設計法取 1.0。就鋼筋混凝土結構而言，以極限強度設計法可採 1.0。

Fu　結構系統地震力折減係數，依耐震設計規範第二章第 9 節規定。

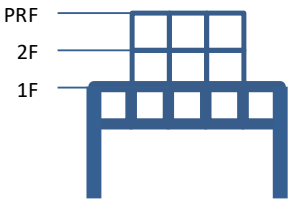
※本案為一般建築物，由於本案為泛用之標準圖說，設立之位置較廣，考量其變異性用途係數保守採用 1.1。

地震力計算詳下表

基地基本資料					斷層資料	
縣市	鄉鎮市區	里	震區種類	地盤種類	附近斷層	距離斷層
新竹縣	五峰鄉	所有里	一般震區	第一類地盤(自行決定地盤種類)	獅潭與神卓山(一般情況)	10(km)

譜加速度係數		近斷層因子			工址放大因子		修正譜加速度係數		分界週期
S_S^D	0.7	設計	N_a	1	F_a	1	$S_{DS}=F_a\times N_a\times S_S^D$	0.7	$T_0^D=S_{D1}/S_{DS}$
S_1^D	0.4		N_v	1	F_v	1	$S_{D1}=F_v\times N_v\times S_1^D$	0.4	0.571
S_S^M	0.9	最大	N_a	1	F_a	1	$S_{MS}=F_a\times N_a\times S_S^M$	0.9	$T_0^M=S_{M1}/S_{MS}$
S_1^M	0.5		N_v	1	F_v	1	$S_{M1}=F_v\times N_v\times S_1^M$	0.5	0.556

建築基本資料							
屋頂層數	樓層數	地下層數	1F抬高	屋頂高度	建築高度	地下高度	h_n(基面至屋頂)
0 F	2 F	0 F	0(m)	0(m)	7.637(m)	0(m)	7.637(m)



	建築結構系統	
	X方向	Y方向
結構阻尼比	0.02	
結構系統	其他構造	其他構造
T_{code}(法規週期)	0.05 $\times h_n^{3/4}$ =0.230(s)	0.05 $\times h_n^{3/4}$ =0.230(s)
T_{max}(上限週期)	1.4×T_{code} =0.322(s)	1.4×T_{code} =0.322(s)
I(用途係數)	1.1	
設計規範	鋼構(LRFD)	
α_y	1	

各方向地震力計算		X方向	Y方向
1. 建築結構系統相關資料	T_{dyna}(動力週期)	0.111(s)	0.097(s)
	T_{design}(設計週期)	0.111(s)	0.097(s)
	R(結構系統韌性容量)	3	3
	Ra(結構系統容許韌性容量)	2.333	2.333

各方向地震力計算		X方向	Y方向
2. 最小設計水平總橫力	S_{aD}(工址設計水平譜加速度)	0.856	0.786
	F_u(系統折減係數)	1.886	1.777
	$(S_{aD}/F_u)_m$	0.380	0.374
	V(最小設計水平總橫力)	0.299	0.294
3. 避免最大考量地震崩塌之設計地震力	S_{aM}(工址最大水平譜加速度)	0.898	0.832
	F_{uM}(系統最大折減係數)	2.231	2.080
	$(S_{aM}/F_{uM})_m$	0.353	0.352
	V_M(最大考量地震水平總橫力)	0.278	0.277
4. 避免中小度地震降伏之設計地震力	V^*(中小度地震水平總橫力)	0.188	0.174
5. 層間相對位移地震力	V_{drift}(層間相對位移地震力)	0.171	0.158

各方向地震力計算		Z方向
6. 垂直地震力	D_{DL+SDL}(垂直自重變位)	0.006(cm)
	T_{ver}(垂直週期)=$2\pi(D_{DL+SDL}/g)^{0.5}$	0.015(s)
	$S_{aD,V}$(垂直設計譜加速度係數)	0.180
	F_{uv}(垂直地震系統折減係數)	1.123
	$(S_{aD,v}/F_{uv})_m$	0.155
	V_{ZD}(垂直設計地震力)	0.122
	$S_{aM,v}$(垂直最大加速度係數)	0.217
	$F_{uv,M}$(垂直最大地震系統折減係數)	1.170
	V_{ZM}(避免最大考量垂直地震崩塌)	0.132
	V_Z*(避免中小度垂直地震降伏)	0.046

地震力統整		X方向	Y方向
1. 水平地震力	V_{design} = max(V ,V_M ,V^*)	0.299	0.294
2. 層間位移地震力	V_{drift}	0.171	0.158
地震力統整		Z方向	
3. 垂直地震力	$V_{z,Design}$ = max(V_{ZD} ,V_{ZM} ,V_Z*)	0.132	

意外扭矩放大係數

Floor	Load Case	δ_{max} (cm)	δ_{avg} (cm)	$A_x=(\delta_{max}/1.2\,\delta_{avg})^2$	備註
PRF	EXP	0.117(節點 187)	0.114	0.730	
PRF	EYP	0.096(節點 196)	0.087	0.848	
PRF	EXN	0.118(節點 196)	0.114	0.744	
PRF	EYN	0.095(節點 185)	0.087	0.830	
2F	EXP	0.063(節點 221)	0.061	0.754	
2F	EYP	0.053(節點 220)	0.048	0.856	Y 最大值
2F	EXN	0.064(節點 220)	0.061	0.770	X 最大值
2F	EYN	0.052(節點 205)	0.048	0.835	

X 向最大意外扭矩放大係數 Ax 小於 1，故質心偏移比例取 Ecc=0.05 進行分析

Y 向最大意外扭矩放大係數 Ax 小於 1，故質心偏移比例取 Ecc=0.05 進行分析

樓層地震力

(單位 tf)

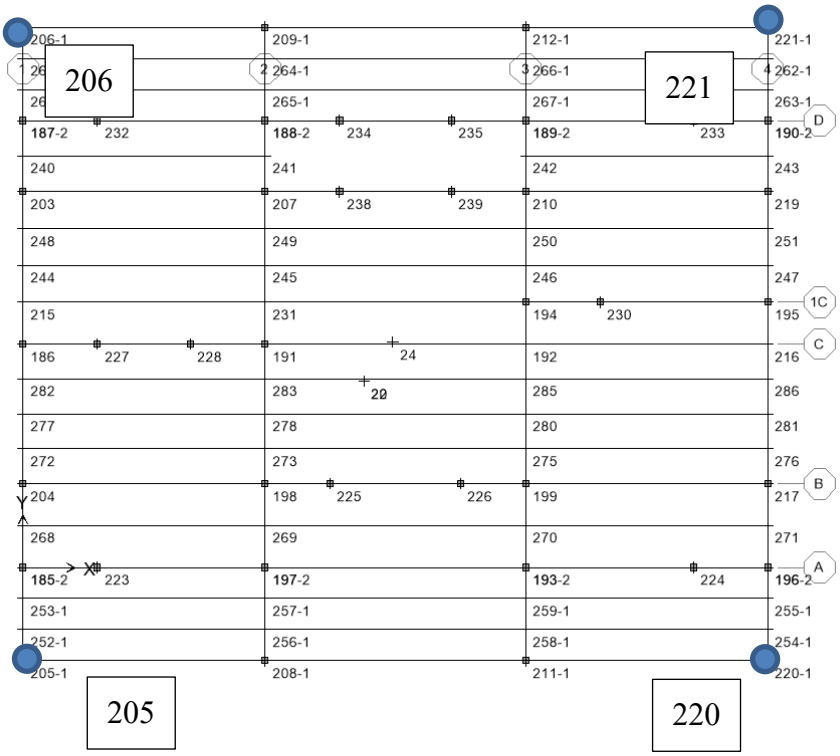
	EXP VX	EXP VY	EYP VX	EYP VY	EXN VX	EXN VY	EYN VX	EYN VY
PRF	-2.69	0.00	0.00	-2.69	-2.69	0.00	0.00	-2.69
2F	-1.53	0.00	0.00	-1.53	-1.53	0.00	0.00	-1.53
SUM	-4.22	0.00	0.00	-4.22	-4.22	0.00	0.00	-4.22

樓層層間變位角

	Ux		Uy	
	EXP	EXN	EYP	EYN
PRF	0.122‰(D61)	0.125‰(D84)	0.092‰(D89)	0.091‰(D98)
2F	0.140‰(C128-1)	0.142‰(C126-1)	0.111‰(C126-1)	0.110‰(C41-1)

碰撞距離檢討

依建築物耐震設計規範，為避免地震時所引起的變形造成鄰棟建築物間的相互碰撞，建築物應自留設設計地震力作用下產生位移乘以 $0.6\times1.4\times\alpha_y\times R_a$ 倍之距離。



	節點 205		節點 220		節點 221		節點 206	
	X 向	Y 向	X 向	Y 向	X 向	Y 向	X 向	Y 向
475 年地震側向位移 (cm)	0.064	0.052	0.064	0.053	0.063	0.053	0.063	0.052
安全碰撞距離 (cm)	0.125	0.102	0.125	0.104	0.123	0.104	0.123	0.102
備註：位移放大倍數 X 向為 1.960，Y 向為 1.960								

4.3 設計風力

依據”建築物耐風設計規範及解說”，本建築基本設計風速為每秒 37.5 公尺

封閉式建築主抗風系統屋頂風壓計算

Enclosed Building Main Wind Force Resistance System Design Roof Presure(TBC2006)

Job:									Job No.			
									Made by:	JWLI	Date:	2004/12/13
1.1	**Input data**				尺寸							
	Exp=	C		V10=	37.5	m/sec	I=	1.1				
	Z=	7.638	m	θ =	17	Degree						
	T=	0.03	sec	Beta=	0.02		B=	20	m	L=	30	m

2.1	**Basic Constant**								
	Exporsure=	C		α =	0.15		Zg=	300.00	m
	Design wind speed=	37.50	m/sec	Building width=	20.00	m	Ave. roof height=	7.64	m
	Do=	0.005		Damping ratio=	0.020				

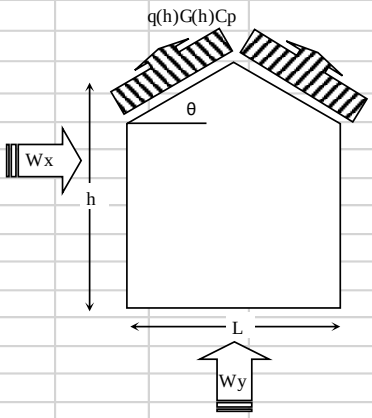
2.2	**Wind presure**						
	$K(h)=2.774(Z/Zg)^{2\alpha}$	h>5m	Average level	=	0.9223		
	$K(h)=2.774(5/Zg)^{2\alpha}$	h<5m		=	0.0000		
	$q(h)=0.0625*K(z)*(IV_{10}(c))^2$			=	98.08	kg/m^2	

2.3 Roof design wind presure

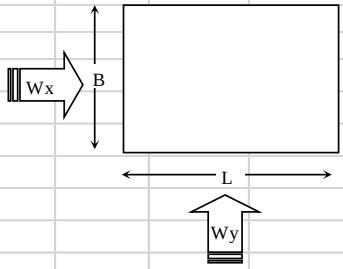
Direction	Width	Length	G(h)	Wind ward		Leeward	
				Cp	q(h)G(h)Cp	Cp	q(h)G(h)Cp
Wx	20	30	1.859	-0.46	-84	-0.7	-128
Wy	30	20	1.839	-0.70	-126	-0.7	-126

2.4 Positive presure under ROOF OVERHANG for main wind force resistance system

Direction	G(h)	Wind ward		Leeward	
		Cp	q(h)G(h)Cp	Cp	q(h)G(h)Cp
Wx	1.859	0.8	146	0.5	91
Wy	1.839	0.8	144	0.5	90



Elevation View



	WX VX	WX VY	WY VX	WY VY
PRF	-4.35	0.00	0.00	-7.26
2F	-7.41	0.00	0.00	-12.36
SUM	-11.77	0.00	0.00	-19.61

X 向設計風力為 11.77tf，大於 X 向設計地震力 4.22tf
Y 向設計風力為 19.61tf，大於 Y 向設計地震力 4.22tf

4.4 載重組合

DL=Dead load (include member self weight)

LL=Live load

EXP,EXN=Code static seismic load x-direction (±0.05 offset)

EYP,EYN=Code static seismic load y-direction (±0.05 offset)

Ez=Code static vertical seismic load

Ex= EXP、EXN

Ey= EYP、EYN

W=Wind load

設計

1.4DL

1.2DL+1.6LL

1.2DL+1.0LL±1.0Ex±0.3Ez

1.2DL+1.0LL±1.0Ey±0.3Ez

1.2DL+1.0LL±1.0Ez±0.3Ex

1.2DL+1.0LL±1.0Ez±0.3Ey

0.9DL±1.0Ex±0.3Ez

0.9DL±1.0Ey±0.3Ez

0.9DL±1.0Ez±0.3Ex

0.9DL±1.0Ez±0.3Ey

1.2DL+1.0LL±1.6W

0.9DL±1.6W

	DL	SDL	LL	EXP	EYP	EXN	EYN	EZ	WX	WY
02RC01	1.400	1.400								
02RC02	1.200	1.200	1.600							
02RC03	1.200	1.200	1.000	1.000				0.300		
02RC04	1.200	1.200	1.000	1.000				-0.300		
02RC05	1.200	1.200	1.000		1.000			0.300		
02RC06	1.200	1.200	1.000		1.000			-0.300		
02RC07	1.200	1.200	1.000			1.000		0.300		
02RC08	1.200	1.200	1.000			1.000		-0.300		
02RC09	1.200	1.200	1.000				1.000	0.300		
02RC10	1.200	1.200	1.000				1.000	-0.300		
02RC11	1.200	1.200	1.000	-1.000				0.300		
02RC12	1.200	1.200	1.000	-1.000				-0.300		
02RC13	1.200	1.200	1.000		-1.000			0.300		
02RC14	1.200	1.200	1.000		-1.000			-0.300		
02RC15	1.200	1.200	1.000			-1.000		0.300		
02RC16	1.200	1.200	1.000			-1.000		-0.300		
02RC17	1.200	1.200	1.000				-1.000	0.300		
02RC18	1.200	1.200	1.000				-1.000	-0.300		
02RC19	1.200	1.200	1.000	0.300				1.000		
02RC20	1.200	1.200	1.000	0.300				-1.000		
02RC21	1.200	1.200	1.000		0.300			1.000		
02RC22	1.200	1.200	1.000		0.300			-1.000		
02RC23	1.200	1.200	1.000			0.300		1.000		
02RC24	1.200	1.200	1.000			0.300		-1.000		
02RC25	1.200	1.200	1.000				0.300	1.000		
02RC26	1.200	1.200	1.000				0.300	-1.000		
02RC27	1.200	1.200	1.000	-0.300				1.000		
02RC28	1.200	1.200	1.000	-0.300				-1.000		
02RC29	1.200	1.200	1.000		-0.300			1.000		
02RC30	1.200	1.200	1.000		-0.300			-1.000		
02RC31	1.200	1.200	1.000			-0.300		1.000		
02RC32	1.200	1.200	1.000			-0.300		-1.000		
02RC33	1.200	1.200	1.000				-0.300	1.000		
02RC34	1.200	1.200	1.000				-0.300	-1.000		
02RC35	0.900	0.900		1.000				0.300		
02RC36	0.900	0.900		1.000				-0.300		
02RC37	0.900	0.900			1.000			0.300		
02RC38	0.900	0.900			1.000			-0.300		
02RC39	0.900	0.900				1.000		0.300		
02RC40	0.900	0.900				1.000		-0.300		

02RC41	0.900	0.900					1.000	0.300		
02RC42	0.900	0.900					1.000	-0.300		
02RC43	0.900	0.900		-1.000				0.300		
02RC44	0.900	0.900		-1.000				-0.300		
02RC45	0.900	0.900			-1.000			0.300		
02RC46	0.900	0.900			-1.000			-0.300		
02RC47	0.900	0.900				-1.000		0.300		
02RC48	0.900	0.900				-1.000		-0.300		
02RC49	0.900	0.900					-1.000	0.300		
02RC50	0.900	0.900					-1.000	-0.300		
02RC51	0.900	0.900		0.300				1.000		
02RC52	0.900	0.900		0.300				-1.000		
02RC53	0.900	0.900			0.300			1.000		
02RC54	0.900	0.900			0.300			-1.000		
02RC55	0.900	0.900				0.300		1.000		
02RC56	0.900	0.900				0.300		-1.000		
02RC57	0.900	0.900					0.300	1.000		
02RC58	0.900	0.900					0.300	-1.000		
02RC59	0.900	0.900		-0.300				1.000		
02RC60	0.900	0.900		-0.300				-1.000		
02RC61	0.900	0.900			-0.300			1.000		
02RC62	0.900	0.900			-0.300			-1.000		
02RC63	0.900	0.900				-0.300		1.000		
02RC64	0.900	0.900				-0.300		-1.000		
02RC65	0.900	0.900					-0.300	1.000		
02RC66	0.900	0.900					-0.300	-1.000		
02RC67	1.200	1.200	1.000						1.600	
02RC68	1.200	1.200	1.000							1.600
02RC69	1.200	1.200	1.000						-1.600	
02RC70	1.200	1.200	1.000							-1.600
02RC71	0.900	0.900							1.600	
02RC72	0.900	0.900								1.600
02RC73	0.900	0.900							-1.600	
02RC74	0.900	0.900								-1.600

5.0 工作載重結構行為限制

A. 梁變形限制

靜載重加活載重	L/240
活載重	L/360

B. 地震力側向變形角限制

最大變形角	5/1000

C. 結構受風力側向加速度限制

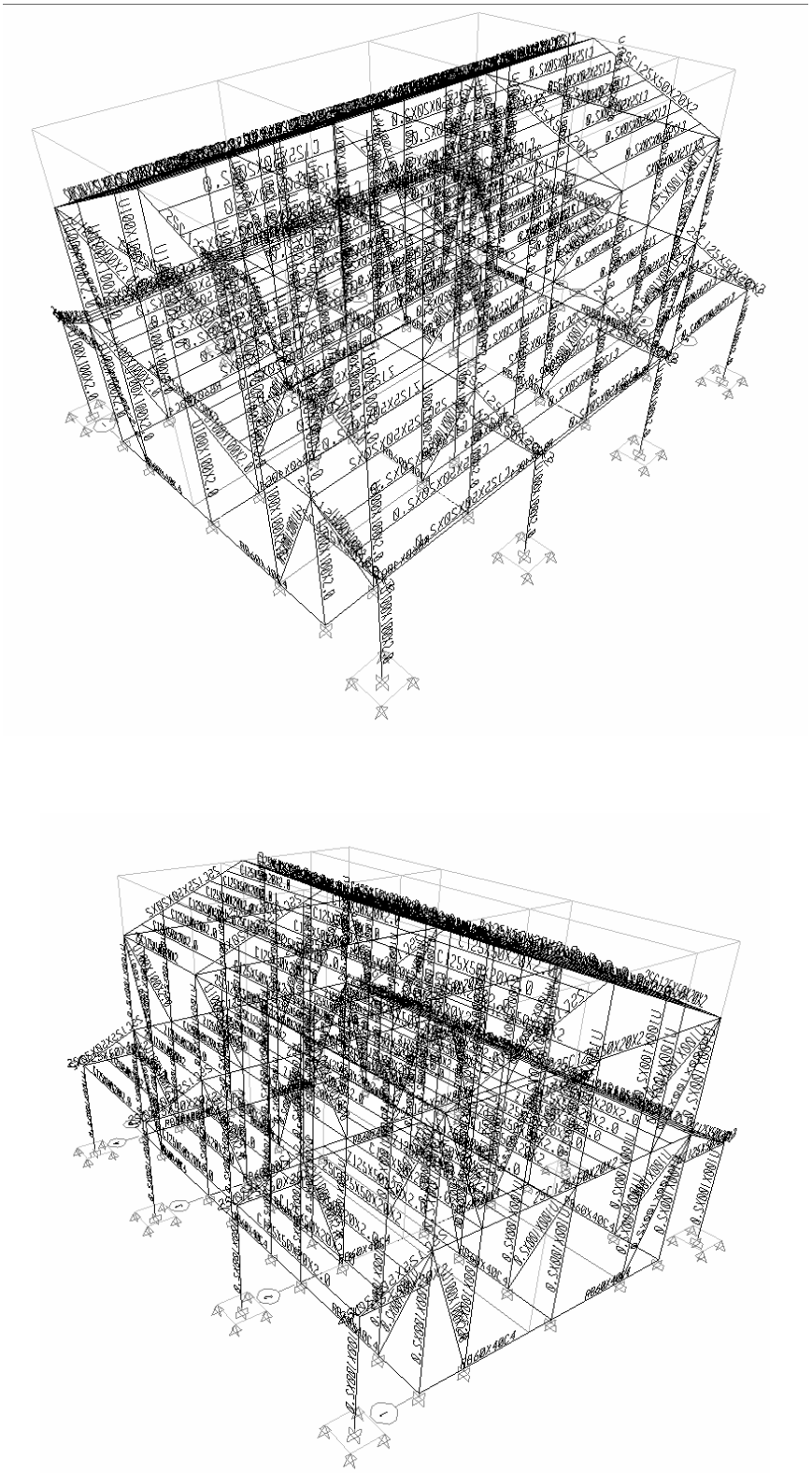
最大加速度	0.005g (0.05 m/sec^2)

6.0 設計規範

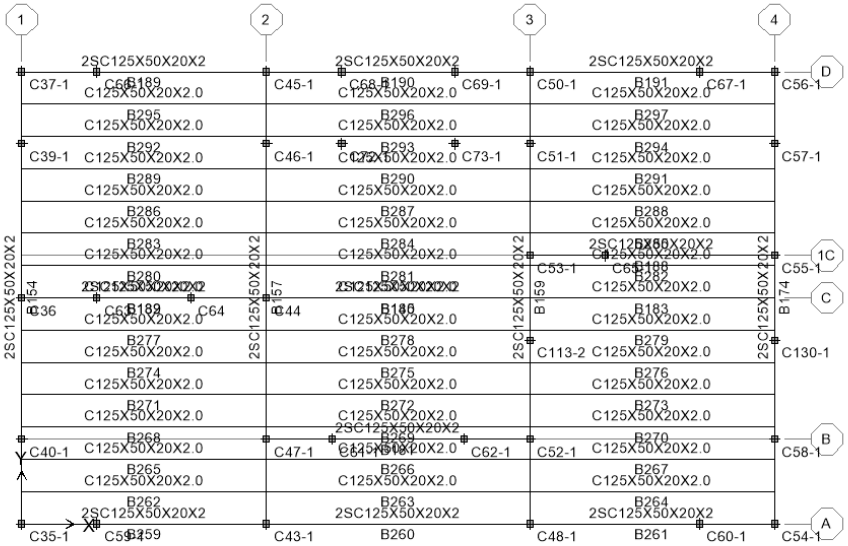
(1) 建築技術規則, 內政部，最新版。
(2) 建築物耐震設計規範及解說，內政部，2011/07。
(3) 建築物基礎構造設計規範，內政部，2001/10。
(4) 混凝土結構設計規範，內政部，2011/07。
(5) 建築物耐風設計規範及解說，內政部，2017/01。
(6) 冷軋型鋼構造建築物結構設計規範及解說，內政部，2015/10
(7) ACI 318-05。

7.0 結構分析程序

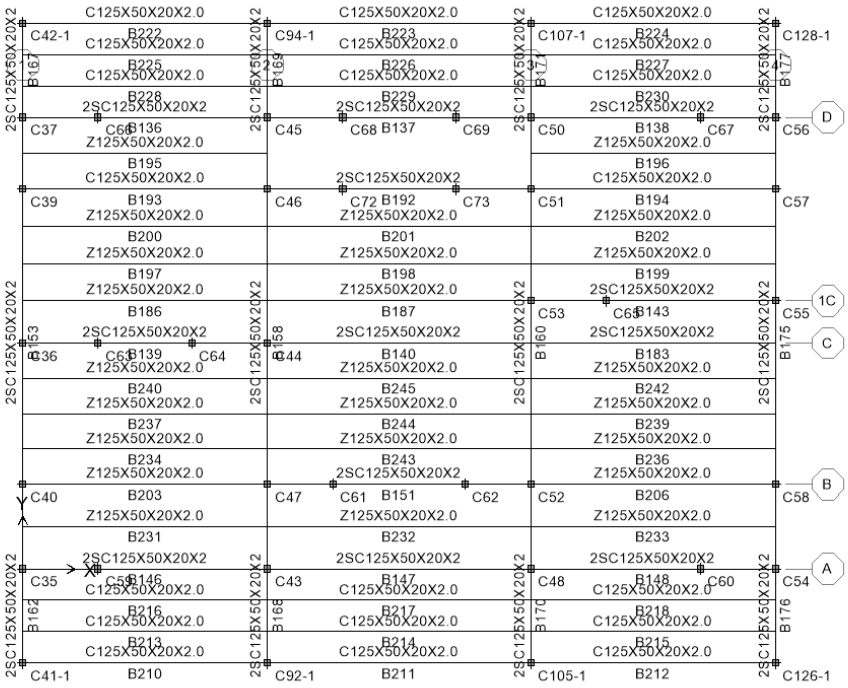
7.1 結構模型



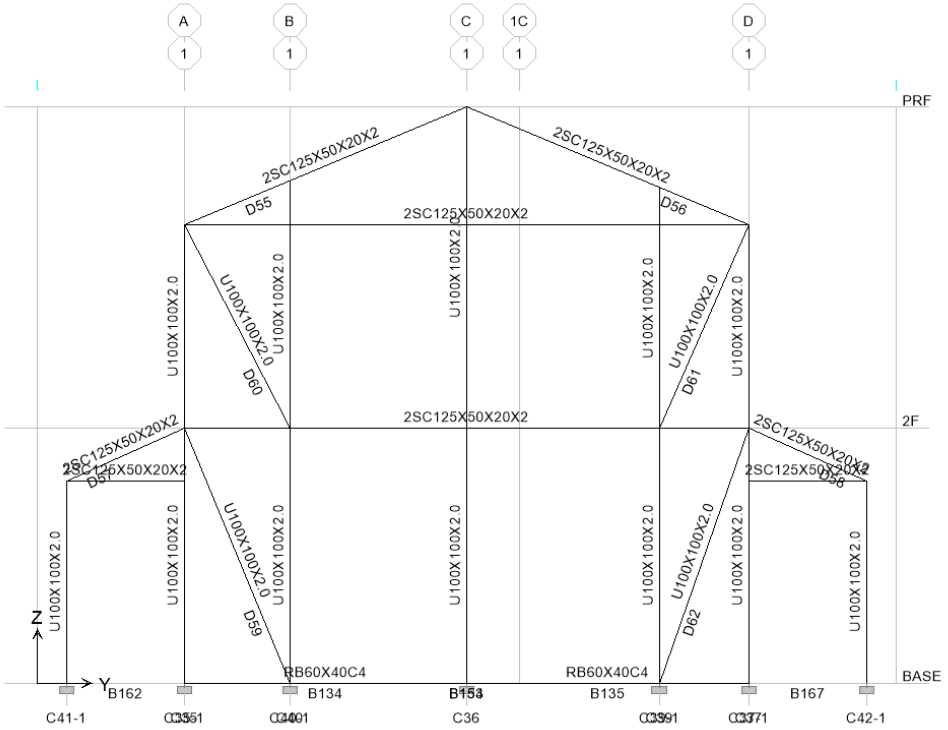
3D view



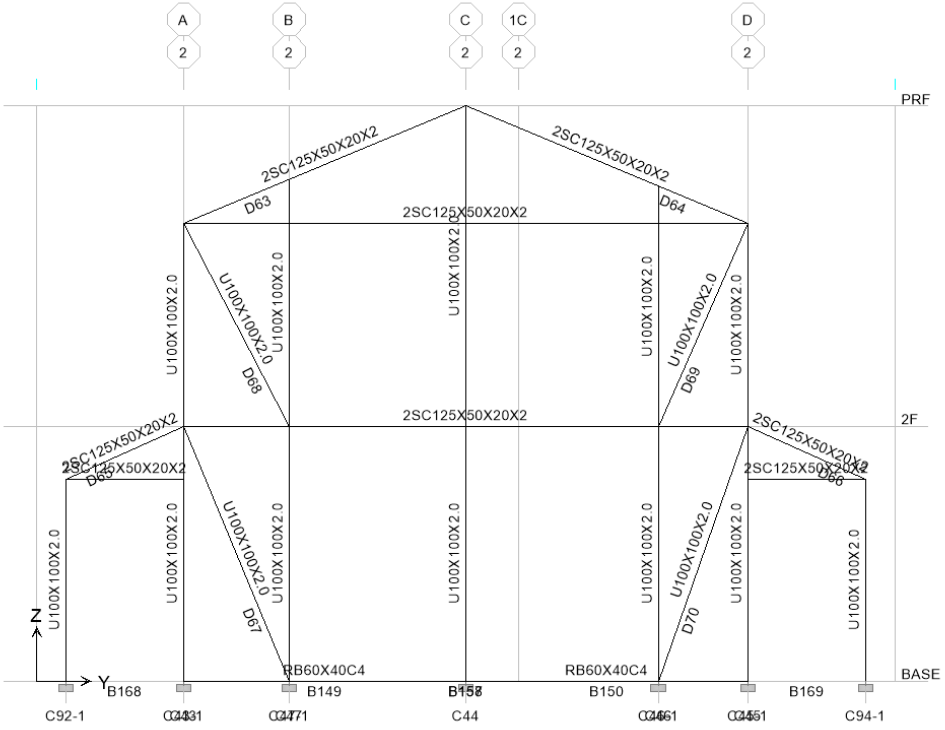
PRF plan



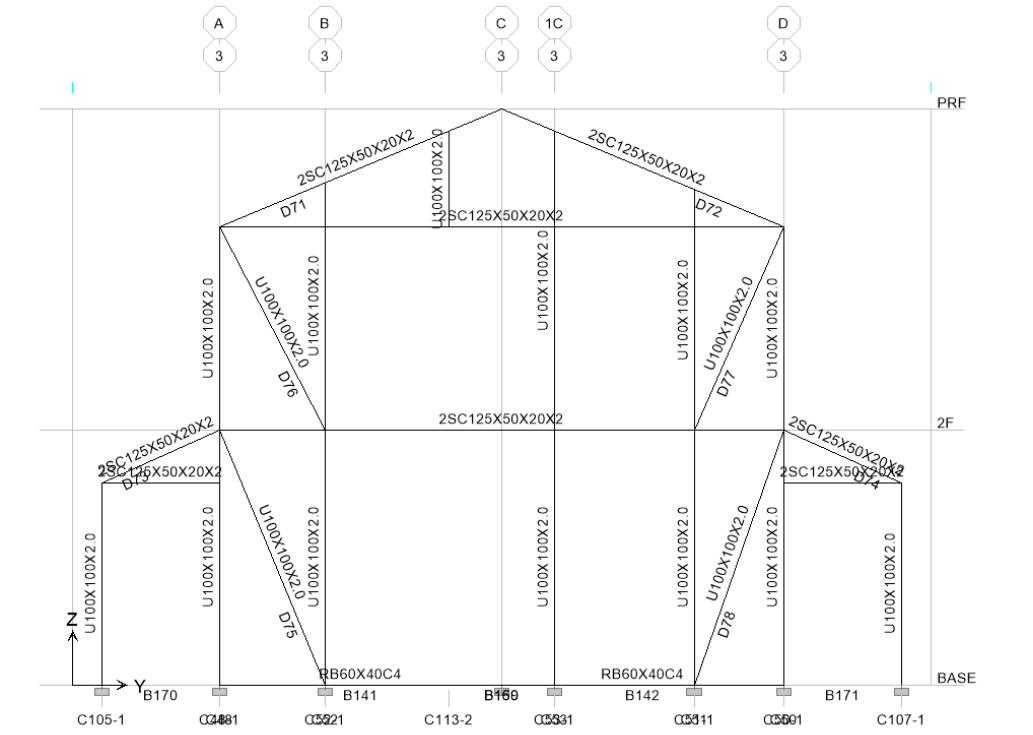
2F plan



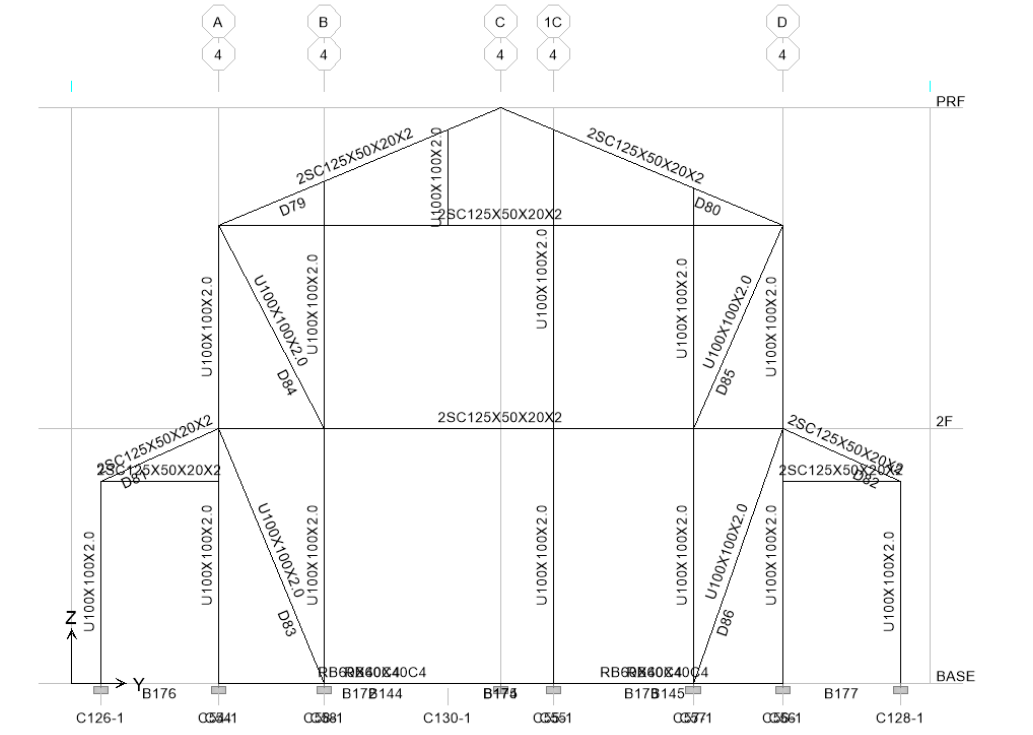
EL Line-1



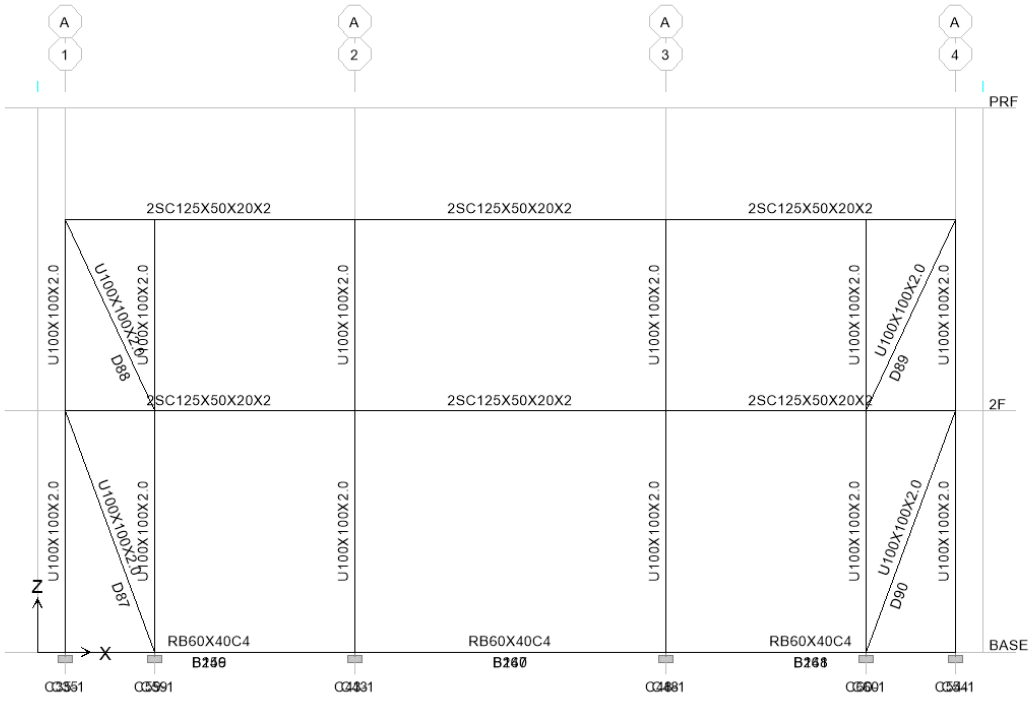
EL Line-2



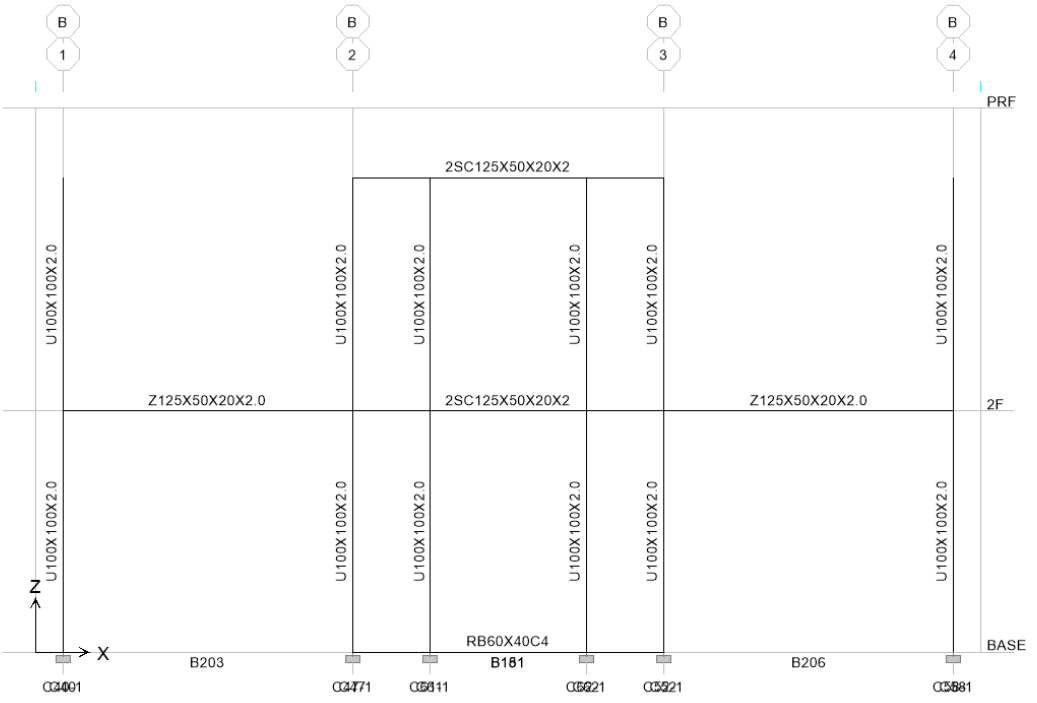
EL Line-3



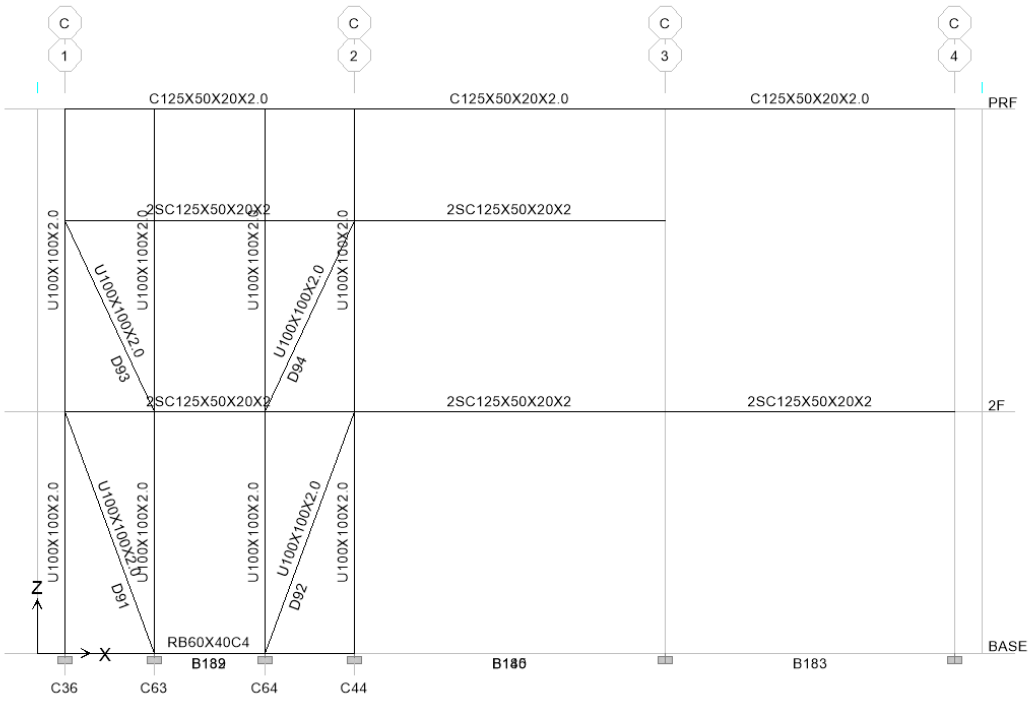
EL Line-4



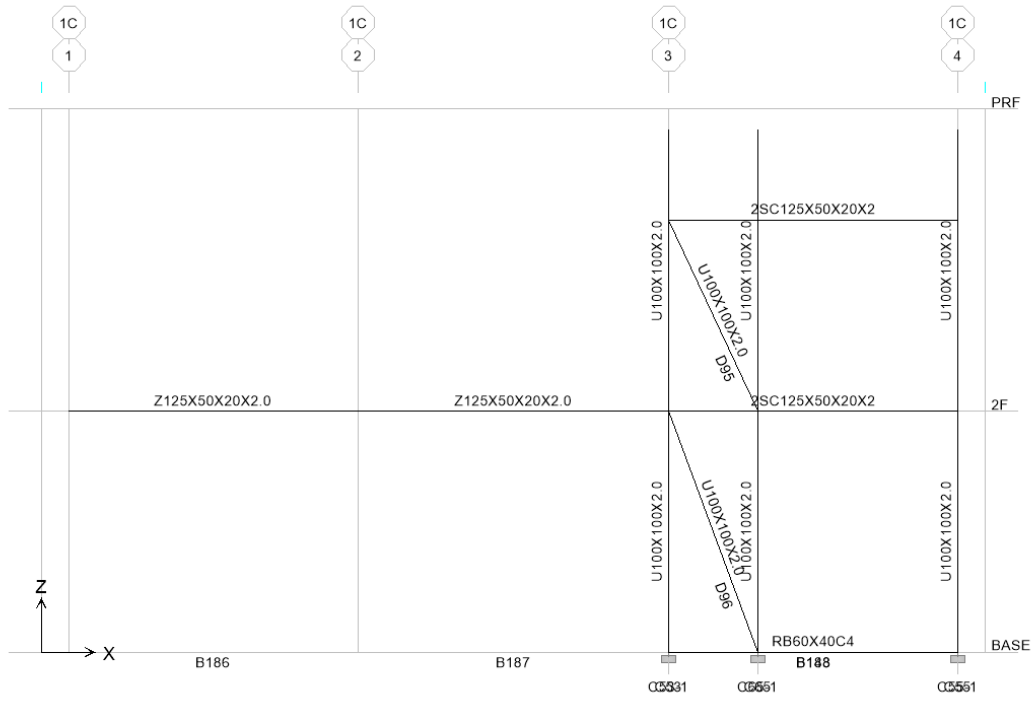
EL Line-A



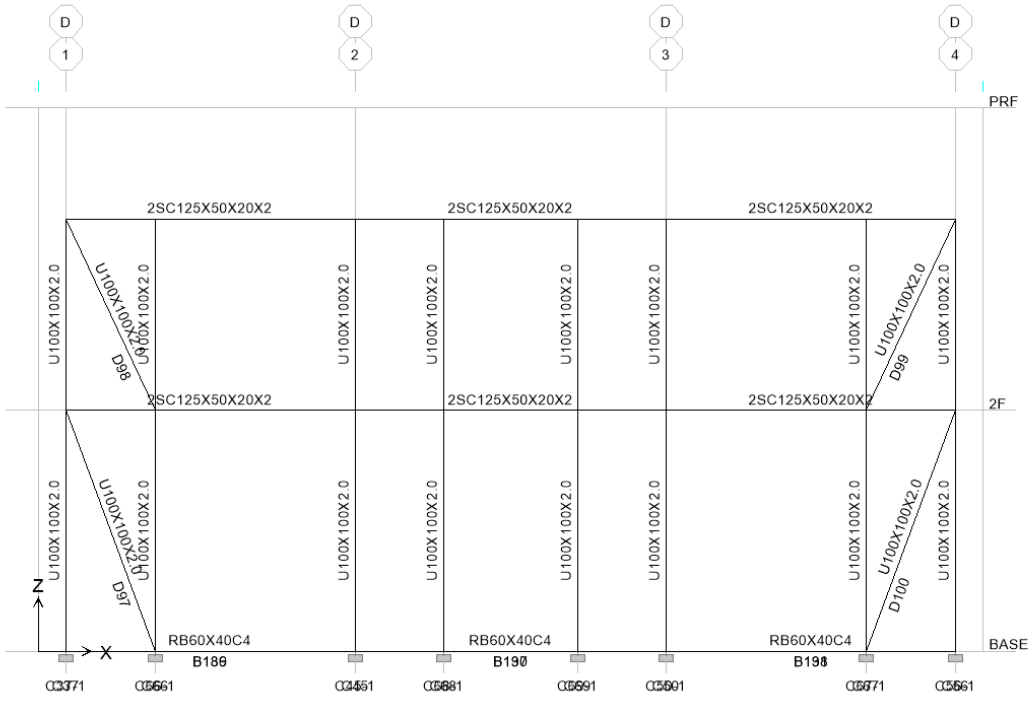
EL Line-B



EL Line-C



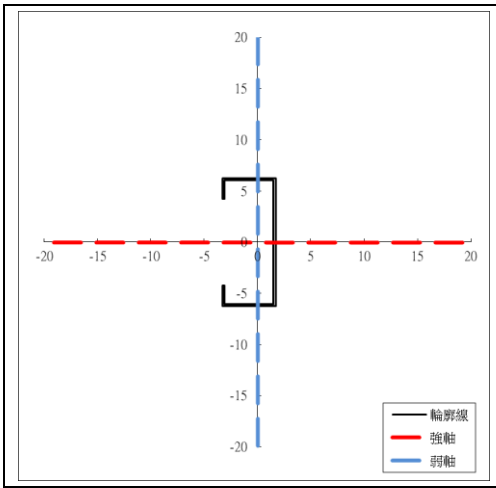
EL Line-1C


D
1
D
2
D
3
D
4
PRF
2F
BASE
2SC125X50X20X2
U100X100X2.0
U100X100X2.0
D98
D99
D97
D100
RB60X40C4
B189
B190
B191
Z
X

EL Line-D

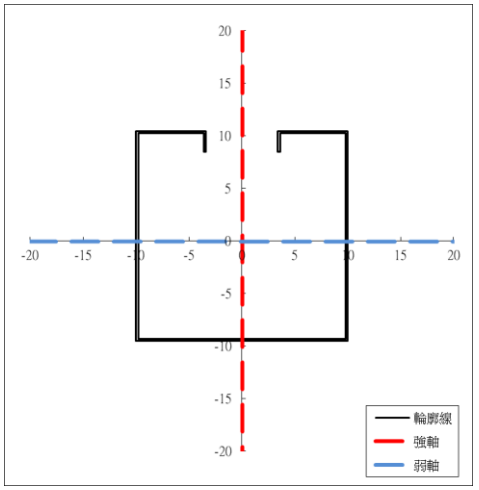
斷面性質

C125x50x20x2.0



斷面積：	A=	5.140	(cm^2)
慣性矩：	Ix=	124.468	(cm^4)
	Iy=	19.025	(cm^4)
斷面模數：	Sx=	19.915	(cm^3)
	Sy=	5.776	(cm^3)

U100x100x2.0

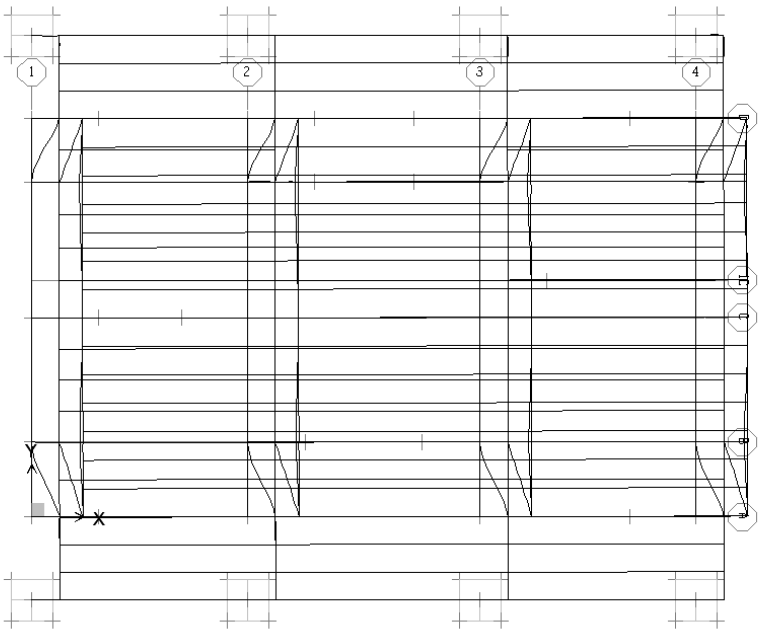


斷面積：	A=	15.200	(cm^2)
慣性矩：	Ix=	955.743	(cm^4)
	Iy=	1038.673	(cm^4)
斷面模數：	Sx=	91.334	(cm^3)
	Sy=	103.867	(cm^3)

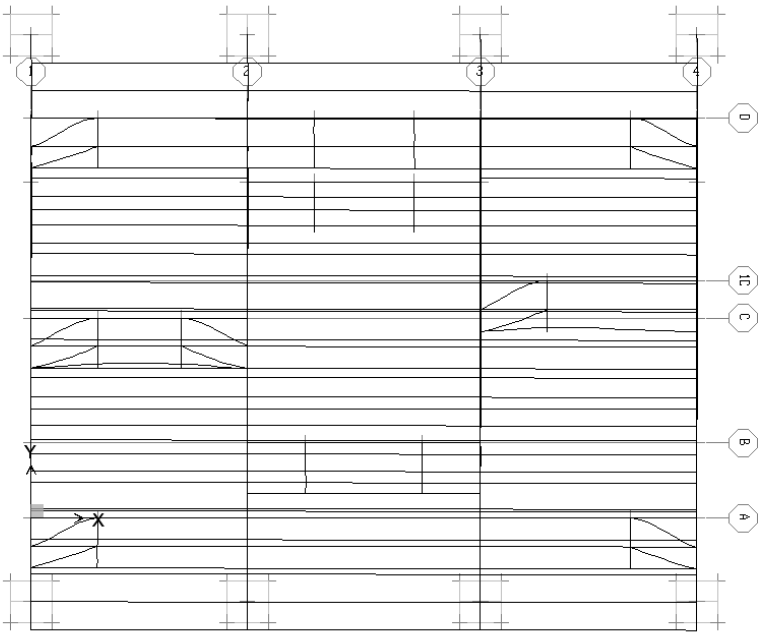
2-C125x50x20x2.0

	彈性係數： $E = 2100000 \quad (kgf/cm^2)$ 斷面積： $A = \frac{\Sigma E \cdot A}{E} = 10.280 \quad (cm^2)$ 慣性矩： $I_x = \frac{\Sigma E \cdot I_x}{E} = 248.937 \quad (cm^4)$ $I_y = \frac{\Sigma E \cdot I_y}{E} = 38.050 \quad (cm^4)$ 斷面模數： $S_x = \frac{\Sigma E \cdot I_x}{E_i \cdot y_i} = 39.830 \quad (cm^3)$ $S_y = \frac{\Sigma E \cdot I_y}{E_i \cdot x_i} = 11.552 \quad (cm^3)$

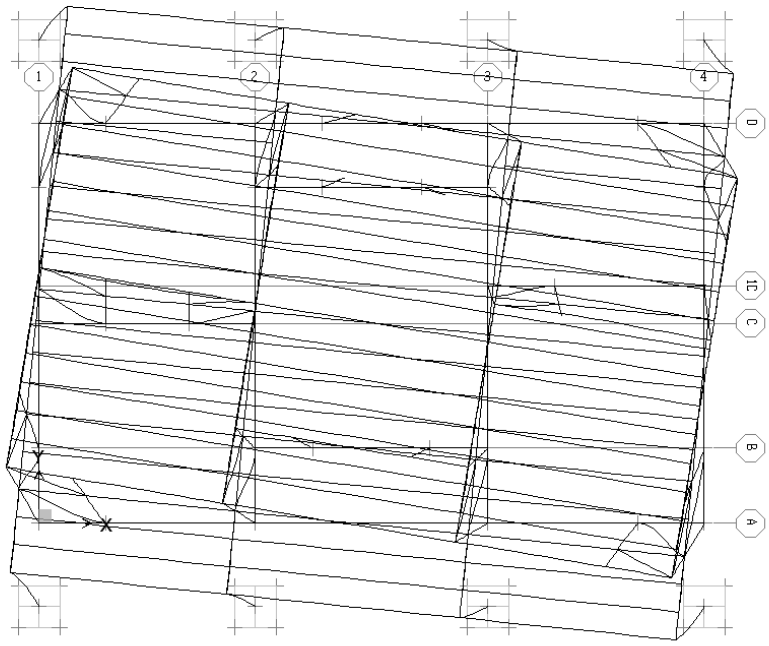
7.2 模態分析



X 向位移模態 T=0.111 (Mode 1)



Y 向位移模態 T=0.097 (Mode 2)



Z 向扭轉模態 T=0.076 (Mode 3)

有效累積振態質量

Mode	Period	UX	UY	RZ	SumUX	SumUY	SumRZ	Remark
1	0.111	80.307	0.001	0.009	80.307	0.001	0.009	X-Dir
2	0.097	0.001	81.195	0.021	80.308	81.195	0.030	Y-Dir
3	0.076	0.011	0.015	74.145	80.319	81.210	74.176	Z-Tor
4	0.038	7.524	0.000	0.010	87.842	81.210	74.185	
5	0.034	0.000	6.644	0.001	87.842	87.855	74.186	
6	0.031	0.015	0.003	4.619	87.857	87.857	78.806	
7	0.001	0.000	0.000	0.000	87.857	87.857	78.806	
8	0.001	0.000	0.000	0.000	87.857	87.857	78.806	
9	0.001	0.000	0.337	0.012	87.857	88.194	78.817	
10	0.001	0.000	0.017	0.571	87.857	88.212	79.388	
11	0.001	0.000	0.710	0.319	87.857	88.921	79.708	
12	0.001	0.000	0.242	0.000	87.857	89.164	79.708	
13	0.001	0.000	0.489	0.650	87.857	89.652	80.357	
14	0.001	0.000	0.015	0.171	87.857	89.667	80.528	
15	0.001	2.633	0.000	0.004	90.490	89.667	80.532	

7.2 鋼結構設計：

根據鋼構造建築物鋼結構設計技術規範，鋼結構極限設計法之相關規定，對稱構材承受彎矩及軸力交互作用時，須滿足公式(8.2-1a)或(8.2-1b)之規定。

當 $\frac{P_u}{\phi P_n} \geq 0.2$ 時

$$\frac{P_u}{\phi P_n} + \frac{8}{9}\left[\frac{M_{ux}}{\phi_b M_{nx}} + \frac{M_{uy}}{\phi_b M_{ny}}\right] \leq 1.0 \qquad (8.2\text{-}1a)$$

當 $\frac{P_u}{\phi P_n} < 0.2$ 時

$$\frac{P_u}{2\phi P_n} + \left[\frac{M_{ux}}{\phi_b M_{nx}} + \frac{M_{uy}}{\phi_b M_{ny}}\right] \leq 1.0 \qquad (8.2\text{-}1b)$$

其中

P_u = 所需之軸拉力或軸壓力強度

P_n = 標稱抗拉強度或標稱抗壓強度

M_u = 所需之撓曲強度

M_n = 標稱之撓曲強度

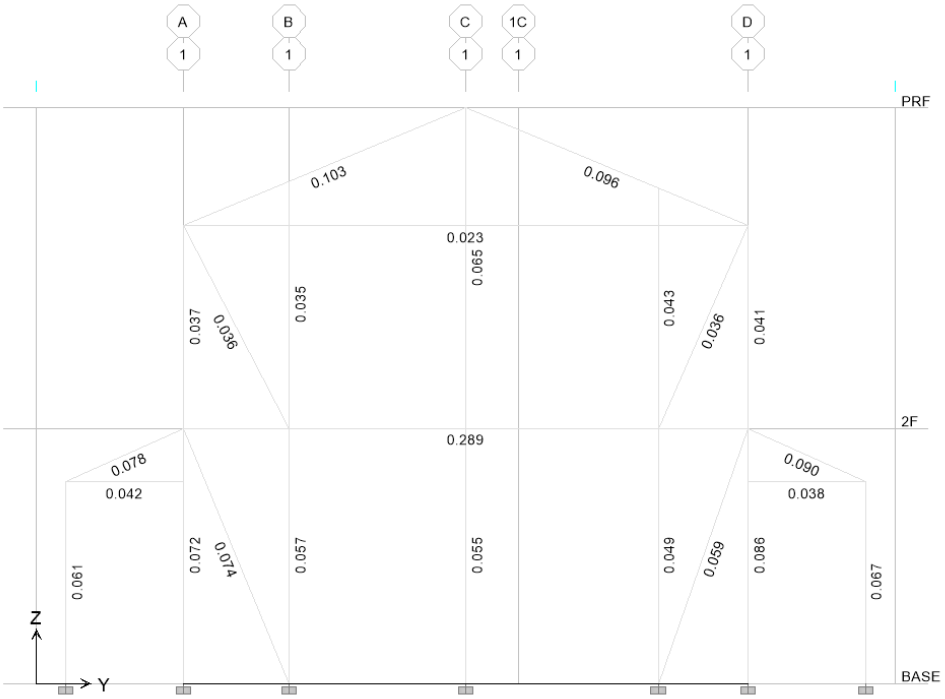
x = 強軸

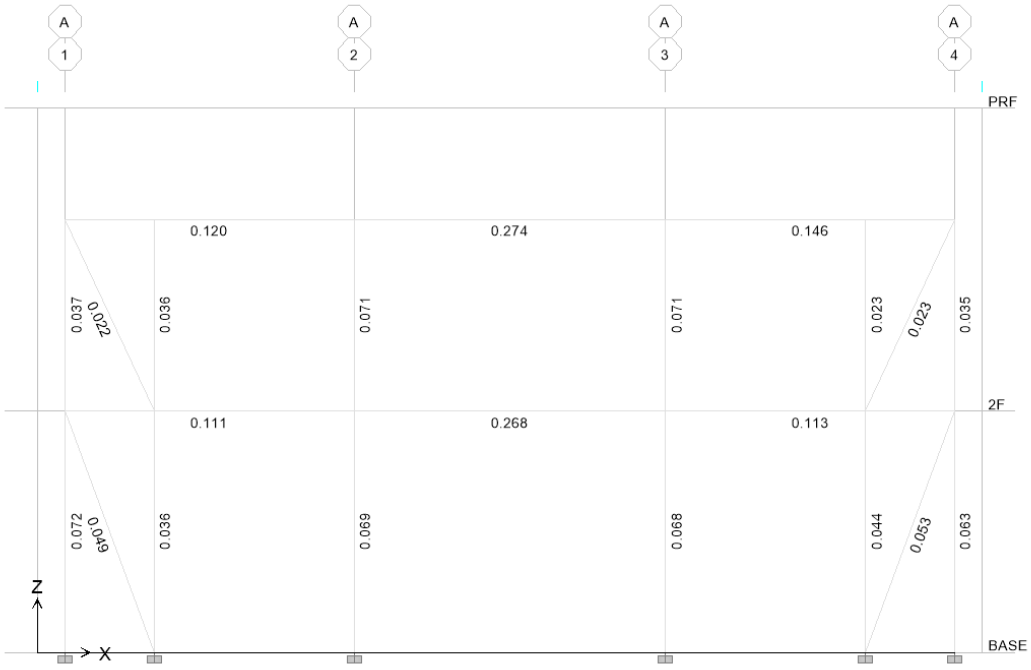
y = 弱軸

φ = 軸力載重下之強度折減係數

φ_b = 撓曲載重下之強度折減係數

分析模型各桿件的應力比皆小於1.....OK!


A
1
B
1
C
1
1C
1
D
1
PRF
2F
BASE
0.103
0.096
0.023
0.065
0.037
0.036
0.035
0.043
0.036
0.041
0.289
0.078
0.042
0.090
0.038
0.061
0.072
0.074
0.057
0.055
0.049
0.059
0.086
0.067
Z
Y


A
1
A
2
A
3
A
4
PRF
2F
BASE
0.120
0.274
0.146
0.037
0.122
0.036
0.071
0.071
0.023
0.023
0.035
0.111
0.268
0.113
0.072
0.046
0.036
0.069
0.068
0.044
0.053
0.063
Z
X

9.0 基礎設計 / Foundation Design

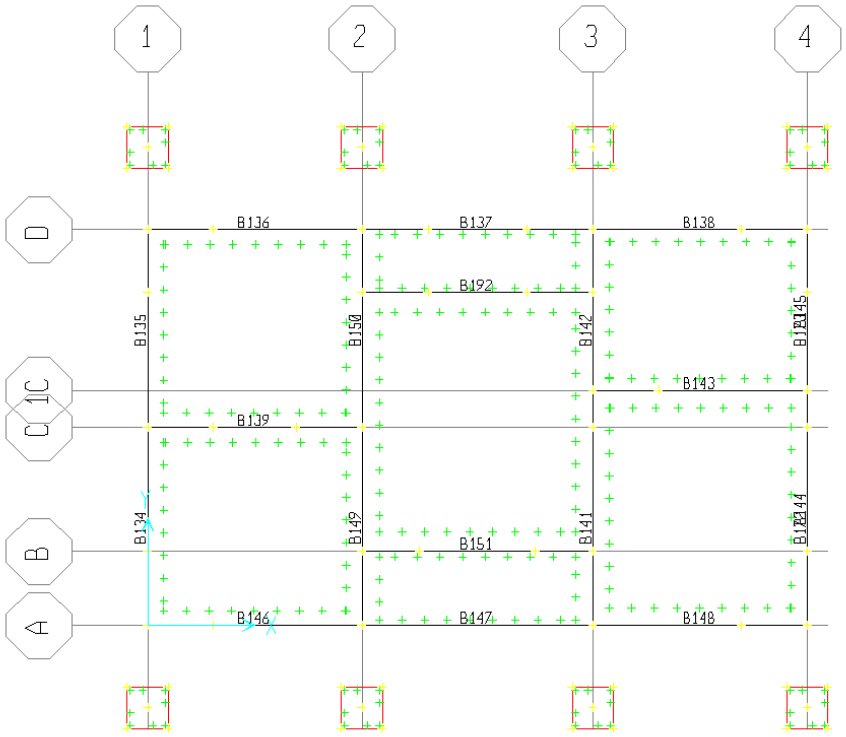
9.1 基礎設計說明

本案基礎設計採 CSI 公司之 2-D 分析軟體”SAFE V8.01”，分析元素包含基礎版、及地梁，版元素下方承受地下水壓上舉水浮力，版元素上方則於柱位置處承受結構傳遞之垂直載重，包含靜載重、活載重及地震力等。將基礎為一柔性體，應用土壤彈簧（Soil Spring）之觀念，將土壤模擬成無受拉彈簧，同時合併基礎地梁、版之勁度進行分析並設計。

9.1.1 分析基本資料

依據鄰近地質鑽探報告，各設計數據如下：

地盤垂直反力係數	$Kv = 1000(tf/m^3)$
常時水位(WAN)	GL -10m
高水位(WAH)	GL -7m
土壤容許乘載力	$q_a > 10\ (tf/m^2)$



基礎結構平面圖

9.1.2 基礎設計載重組合

地震力分析採用法規靜力地震力，將上部結構桿件力傳至基礎。配筋設計採用設計地震力之 1.4αy 倍作為設計載重。分析及配筋設計之載重組合如下：

DL：靜載重(包含自重)

LL：活載重

E：法規地震載重 (EXP、EXN、EYP、EYN)

EXP、EXN：X 向法規靜力地震載重(含正負 5%質心偏移，P 為正，N 為負)

EYP、EYN：Y 向法規靜力地震載重(含正負 5%質心偏移，P 為正，N 為負)

WA：水浮力 (WAH、WAN)

WAH：高水位時之水浮力

WAN：常時水位之水浮力

檢核(乘載力檢核)

1.0DL+1.0WA

1.0DL+1.0LL+1.0WA

1.0DL+1.0LL±1.0E+1.0WA

設計

1.4DL+1.4WA

1.2DL+1.6LL+1.2WA

1.2DL+1.0LL±1.4E

0.9DL±1.4E

	DL	SDL	LL	EXP	EYP	EXN	EYN	WAH	WAN	備註
BASE01	1.000	1.000						1.000		檢核(乘載力檢核)
BASE02	1.000	1.000							1.000	
BASE03	1.000	1.000	1.000					1.000		
BASE04	1.000	1.000	1.000						1.000	
BASE05	1.000	1.000	1.000	1.000				1.000		
BASE06	1.000	1.000	1.000	1.000					1.000	
BASE07	1.000	1.000	1.000		1.000			1.000		
BASE08	1.000	1.000	1.000		1.000				1.000	
BASE09	1.000	1.000	1.000			1.000		1.000		
BASE10	1.000	1.000	1.000			1.000			1.000	
BASE11	1.000	1.000	1.000				1.000	1.000		
BASE12	1.000	1.000	1.000				1.000		1.000	
BASE13	1.000	1.000	1.000	-1.000				1.000		
BASE14	1.000	1.000	1.000	-1.000					1.000	
BASE15	1.000	1.000	1.000		-1.000			1.000		
BASE16	1.000	1.000	1.000		-1.000				1.000	
BASE17	1.000	1.000	1.000			-1.000		1.000		
BASE18	1.000	1.000	1.000			-1.000			1.000	
BASE19	1.000	1.000	1.000				-1.000	1.000		
BASE20	1.000	1.000	1.000				-1.000		1.000	
BASE21	1.400	1.400						1.400		設計
BASE22	1.400	1.400							1.400	
BASE23	1.200	1.200	1.600					1.200		
BASE24	1.200	1.200	1.600						1.200	
BASE25	1.200	1.200	1.000	1.400						
BASE26	1.200	1.200	1.000		1.400					
BASE27	1.200	1.200	1.000			1.400				
BASE28	1.200	1.200	1.000				1.400			
BASE29	1.200	1.200	1.000	-1.400						
BASE30	1.200	1.200	1.000		-1.400					
BASE31	1.200	1.200	1.000			-1.400				
BASE32	1.200	1.200	1.000				-1.400			
BASE33	0.900	0.900		1.400						
BASE34	0.900	0.900			1.400					
BASE35	0.900	0.900				1.400				
BASE36	0.900	0.900					1.400			

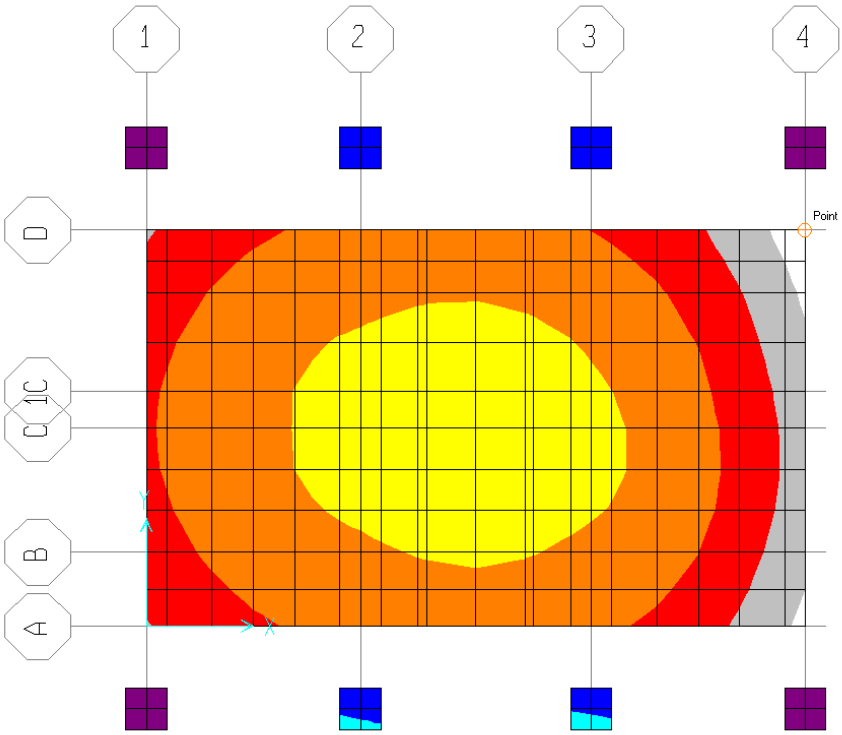
BASE37	0.900	0.900		-1.400						
BASE38	0.900	0.900			-1.400					
BASE39	0.900	0.900				-1.400				
BASE40	0.900	0.900					-1.400			

9.2 基礎分析

9.2.1 分析基本資料

1. 容許承載力檢核：

承載力檢核考慮載重組合為 BASE04



土壤最大反力為 4.099(tf/m^2)<qa=10(tf/m^2)…OK

2. 角變量檢核：

載重組合	基礎最大角變量 η	最大角變量桿件	檢核角變量 η
BASE01	1 /8973	B139	η <1/500...OK
BASE02	1 /8973	B139	η <1/500...OK
BASE03	1 /7416	B139	η <1/500...OK
BASE04	1 /7416	B139	η <1/500...OK
BASE05	1 /9294	B146	η <1/333...OK
BASE06	1 /9294	B146	η <1/333...OK
BASE07	1 /7322	B139	η <1/333...OK
BASE08	1 /7322	B139	η <1/333...OK
BASE09	1 /9265	B134	η <1/333...OK
BASE10	1 /9265	B134	η <1/333...OK
BASE11	1 /7282	B139	η <1/333...OK
BASE12	1 /7282	B139	η <1/333...OK
BASE13	1 /5959	B139	η <1/333...OK
BASE14	1 /5959	B139	η <1/333...OK
BASE15	1 /7514	B139	η <1/333...OK
BASE16	1 /7514	B139	η <1/333...OK
BASE17	1 /5941	B139	η <1/333...OK
BASE18	1 /5941	B139	η <1/333...OK
BASE19	1 /7556	B139	η <1/333...OK
BASE20	1 /7556	B139	η <1/333...OK

3. 基礎最大沉陷量檢核

載重組合	基礎最大沉陷變位 δ (cm)	最大沉陷點	檢核沉陷變位
BASE01	-0.267	190	δ <5.000(cm)...OK
BASE02	-0.267	190	δ <5.000(cm)...OK
BASE03	-0.410	190	δ <5.000(cm)...OK
BASE04	-0.410	190	δ <5.000(cm)...OK
BASE05	-0.421	190	δ <7.500(cm)...OK
BASE06	-0.421	190	δ <7.500(cm)...OK
BASE07	-0.420	190	δ <7.500(cm)...OK
BASE08	-0.420	190	δ <7.500(cm)...OK
BASE09	-0.422	190	δ <7.500(cm)...OK
BASE10	-0.422	190	δ <7.500(cm)...OK
BASE11	-0.419	190	δ <7.500(cm)...OK
BASE12	-0.419	190	δ <7.500(cm)...OK
BASE13	-0.399	190	δ <7.500(cm)...OK
BASE14	-0.399	190	δ <7.500(cm)...OK
BASE15	-0.410	196	δ <7.500(cm)...OK
BASE16	-0.410	196	δ <7.500(cm)...OK
BASE17	-0.398	190	δ <7.500(cm)...OK
BASE18	-0.398	190	δ <7.500(cm)...OK
BASE19	-0.409	196	δ <7.500(cm)...OK
BASE20	-0.409	196	δ <7.500(cm)...OK

9.3 基礎結構設計

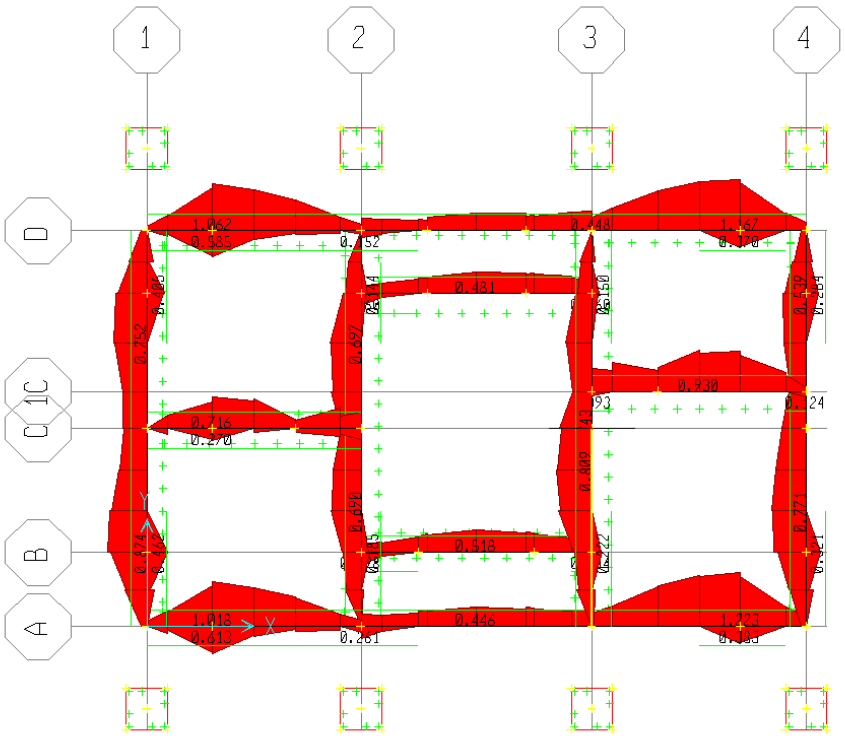
1. 材料強度

混凝土抗壓強度： 280 kgf/cm^2

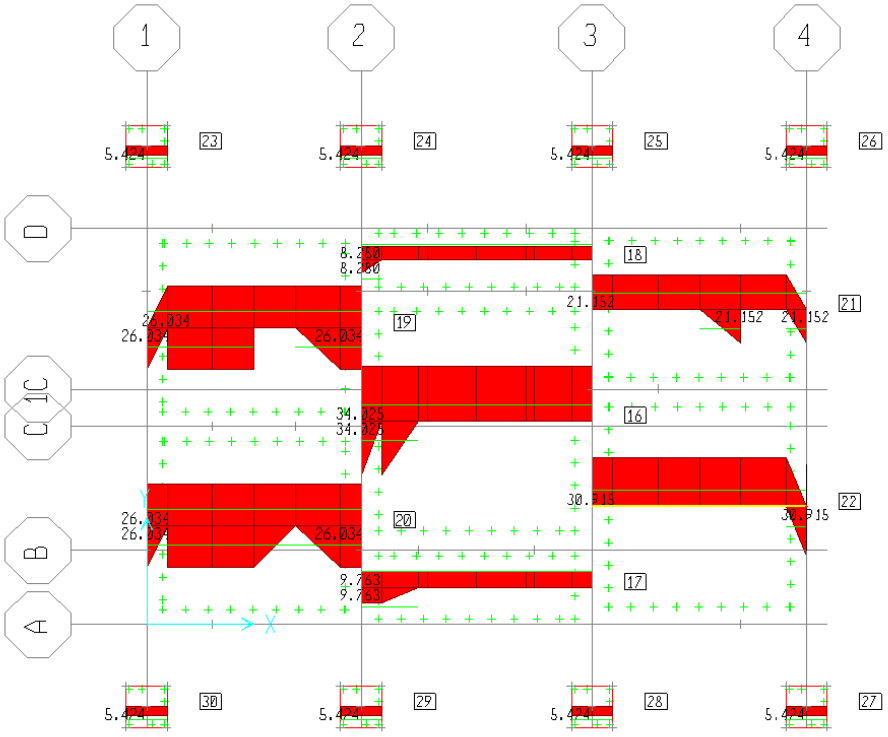
鋼筋降伏強度： 2800kgf/cm^2 (#3 及以下)

4200kgf/cm^2 (#4 及以上)

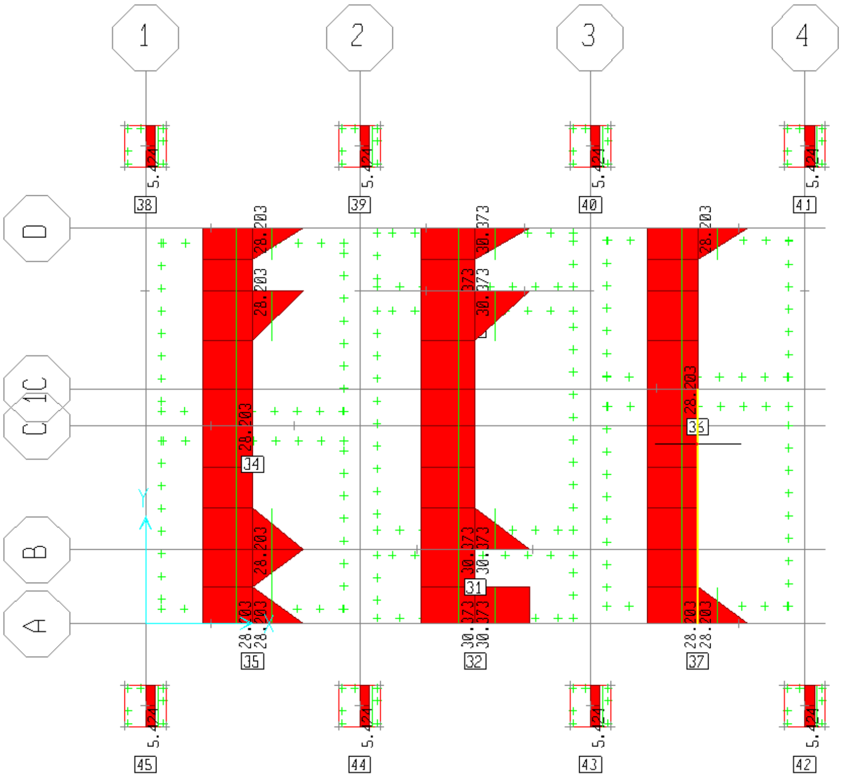
2. 地樑設計



3. 基版 X 向鋼筋需求


1
2
3
4
D
C
B
A
23
24
25
26
18
19
21
16
20
22
17
30
29
28
27
5.424
26.034
21.152
34.025
30.215
9.763

4. 基版 Y 向鋼筋需求



附錄

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$ File E:\WORK\2022\2208A\REPORT\SC2-1\220813\附件\2208A-SC2-1-220811-001.e2k saved 8/14/22 22:30:23

$ PROGRAM INFORMATION
  PROGRAM  "ETABS"  VERSION "9.5.0"

$ CONTROLS
  UNITS  "KGF"  "CM"
  TITLE1  "Lo-Lat Structure Studio"
  PREFERENCE  MERGETOL 0.1
  RLLF  METHOD "TRIBAREAUBC97"  USEDEFAULTMIN "YES"

$ STORIES - IN SEQUENCE FROM TOP
  STORY "PRF"  HEIGHT 408.4  MASTERSTORY "Yes"
  STORY "2F"  HEIGHT 325  MASTERSTORY "Yes"
  STORY "BASE"  ELEV 0

$ DIAPHRAGM NAMES
  DIAPHRAGM "D1"    TYPE RIGID
  DIAPHRAGM "D2"    TYPE RIGID
  DIAPHRAGM "D3"    TYPE RIGID

$ GRIDS
  COORDSYSTEM "GLOBAL"  TYPE "CARTESIAN"  BUBBLESIZE 50
  GRID "GLOBAL"  LABEL "1"  DIR "X"  COORD 0  GRIDTYPE  "PRIMARY"    BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "2"  DIR "X"  COORD 390  GRIDTYPE  "PRIMARY"    BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "3"  DIR "X"  COORD 810  GRIDTYPE  "PRIMARY"    BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "4"  DIR "X"  COORD 1200  GRIDTYPE  "PRIMARY"    BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "A"  DIR "Y"  COORD 0  GRIDTYPE  "PRIMARY"    BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "B"  DIR "Y"  COORD 135  GRIDTYPE  "PRIMARY"    BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "C"  DIR "Y"  COORD 360  GRIDTYPE  "PRIMARY"    BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "1C"  DIR "Y"  COORD 427.5  GRIDTYPE  "PRIMARY"    BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "D"  DIR "Y"  COORD 720  GRIDTYPE  "PRIMARY"    BUBBLELOC "DEFAULT"  GRIDHIDE "NO"

$ MATERIAL PROPERTIES
  MATERIAL  "STEEL"  M 8.010204E-06  W 0.00785  TYPE "ISOTROPIC"  E 2040000  U 0.3  A 1.16999999590917E-05
  MATERIAL  "STEEL"  DESIGNTYPE "STEEL"  FY 2500  FU 4000  PRICE 35
  MATERIAL  "CONC"  M 2.448012E-06  W 0.0024  TYPE "ISOTROPIC"  E 250998  U 0.2  A 9.89999989542412E-06
  MATERIAL  "CONC"  DESIGNTYPE "CONCRETE"  FY 4200  FC 280  FYS 2800
  MATERIAL  "OTHER"  M 7.324016E-12  W 2.83E-07  TYPE "ISOTROPIC"  E 2900  U 0.3  A 6.4999999267566E-06
  MATERIAL  "OTHER"  DESIGNTYPE "OTHER"
  MATERIAL  "SGC440"  M 8.01E-06  W 0.00785  TYPE "ISOTROPIC"  E 2100000  U 0.3  A 1.16999999590917E-05
  MATERIAL  "SGC440"  DESIGNTYPE "STEEL"  FY 3400  FU 4000  PRICE 45
  MATERIAL  "GR50"  M 8.01E-06  W 0.00785  TYPE "ISOTROPIC"  E 2100000  U 0.3  A 1.16999999590917E-05
  MATERIAL  "GR50"  DESIGNTYPE "STEEL"  FY 3500  FU 4000  PRICE 45
  MATERIAL  "6063T5"  M 2.755E-06  W 0.0027  TYPE "ISOTROPIC"  E 730000  U 0.3  A 1.16999999590917E-05
  MATERIAL  "6063T5"  DESIGNTYPE "STEEL"  FY 1120  FU 4000  PRICE 45
  MATERIAL  "C280"  M 2.448E-06  W 0.0024  TYPE "ISOTROPIC"  E 250998  U 0.2  A 9.99999974737875E-06
  MATERIAL  "C280"  DESIGNTYPE "CONCRETE"  FY 4200  FC 280  FYS 4200
  MATERIAL  "MAT1"  M 8.01E-06  W 0.00785  TYPE "ISOTROPIC"  E 2100000  U 0.3  A 1.16999999590917E-05
  MATERIAL  "MAT1"  DESIGNTYPE "STEEL"  FY 2400  FU 4000  PRICE 45
  MATERIAL  "S45C"  M 8.01E-06  W 0.00785  TYPE "ISOTROPIC"  E 2100000  U 0.3  A 1.16999999590917E-05
  MATERIAL  "S45C"  DESIGNTYPE "STEEL"  FY 3500  FU 4000  PRICE 45

$ FRAME SECTIONS
  FRAMESECTION  "2SC125X50X20X2"  MATERIAL "SGC440"  SHAPE "General"  D 12.5  B 20  AREA 10.28  TORSION 38.0499  I33 248.9366  I22 38.0499  AS2 2.5
  FRAMESECTION  "U100X100X2.0"  MATERIAL "SGC440"  SHAPE "General"  D 10  B 10  AREA 15.2  TORSION 955.7432  I33 955.7432  I22 1038.673  AS2 4  AS3 4
  FRAMESECTION  "C125X50X20X2.0"  MATERIAL "SGC440"  SHAPE "General"  D 12.5  B 5  AREA 5.14  TORSION 19.02493  I33 124.4683  I22 19.02493  AS2 2.5
  FRAMESECTION  "LC100X50X15X2"  MATERIAL "SGC440"  SHAPE "General"  D 5  B 10  AREA 4.44  TORSION 15.6865  I33 15.6865  I22 71.8012  AS2 2  AS3 2
  FRAMESECTION  "ROD25"  MATERIAL "SGC440"  SHAPE "Circle"  D 2.5
  FRAMESECTION  "PL50X20"  MATERIAL "SGC440"  SHAPE "Rectangular"  D 2  B 5
  FRAMESECTION  "Z125X50X20X2.0"  MATERIAL "SGC440"  SHAPE "General"  D 12.5  B 5  AREA 4.999999  TORSION 33.27907  I33 117.7726  I22 33.27907  AS2
  FRAMESECTION  "RB60X40C4"  MATERIAL "C280"  SHAPE "Rectangular"  D 40  B 60

$ REBAR DEFINITIONS
  REBARDEFINITION  "#3"  AREA  0.7133  DIA  0.953
  REBARDEFINITION  "#4"  AREA  1.267  DIA  1.27
  REBARDEFINITION  "#5"  AREA  1.986  DIA  1.59
  REBARDEFINITION  "#6"  AREA  2.865  DIA  1.91
  REBARDEFINITION  "#7"  AREA  3.871  DIA  2.22
  REBARDEFINITION  "#8"  AREA  5.067  DIA  2.54
  REBARDEFINITION  "#10"  AREA  8.143  DIA  3.22

$ CONCRETE SECTIONS
  CONCRETESECTION  "RB60X40C4"  TYPE "BEAM"  COVERTOP 7  COVERBOTTOM 7  ATI 0  ABI 0  ATJ 0  ABJ 0

$ WALL/SLAB/DECK PROPERTIES
  SHELLPROP  "S15"  MATERIAL "C280"  PROPTYPE "SLAB"  TYPE "MEMBRANE"  TM 15  TB 15
  SHELLPROP  "S40"  MATERIAL "C280"  PROPTYPE "SLAB"  TYPE "MEMBRANE"  TM 40  TB 40

$ PIER/SPANDREL NAMES
  PIERNAME  "P1"
  SPANDRELNAME  "S1"

$ POINT COORDINATES
  POINT "185" 0 0
  POINT "186" 0 359.999990463257
  POINT "187" 0 719.999980926514
  POINT "188" 390 719.999980926514
  POINT "189" 810 719.999980926514
  POINT "190" 1200 719.999980926514
  POINT "191" 390 359.999990463257
  POINT "192" 810 359.999990463257
  POINT "193" 810 0
  POINT "194" 810 427.500009536743
  POINT "195" 1200 427.500009536743
  POINT "196" 1200 0
  POINT "197" 390 0
  POINT "198" 390 135.000002384186
  POINT "199" 810 135.000002384186
  POINT "203" 0 605.499982833862
  POINT "204" 0 135.000002384186
  POINT "185-1" 0 0 150
  POINT "187-1" 0 719.999980926514 150
  POINT "203-1" 0 605.499982833862 102.2917
  POINT "204-1" 0 135.000002384186 93.75
  POINT "205" 0 -150
  POINT "206" 0 869.999980926514
  POINT "205-1" 0 -150 67.9
  POINT "206-1" 0 869.999980926514 67.9
  POINT "197-1" 390 0 150
  POINT "188-1" 390 719.999980926514 150
  POINT "207" 390 605.499982833862
  POINT "207-1" 390 605.499982833862 102.2917
  POINT "198-1" 390 135.000002384186 93.75
  POINT "208" 390 -150
  POINT "208-1" 390 -150 67.9
  POINT "209" 390 869.999980926514
  POINT "209-1" 390 869.999980926514 67.9
  POINT "193-1" 810 0 150
  POINT "189-1" 810 719.999980926514 150
  POINT "210" 810 605.499982833862
  POINT "210-1" 810 605.499982833862 102.2917
  POINT "199-1" 810 135.000002384186 93.75
  POINT "211" 810 -150
  POINT "211-1" 810 -150 67.9
  POINT "212" 810 869.999980926514
  POINT "212-1" 810 869.999980926514 67.9
  POINT "194-1" 810 427.500009536743 28.125
  POINT "214-1" 810 292.499995231628 28.125
  POINT "214-2" 810 292.499995231628 150
  POINT "185-2" 0 0 67.9
  POINT "215" 0 427.500009536743
  POINT "187-2" 0 719.999980926514 67.9
  POINT "197-2" 390 0 67.9
  POINT "188-2" 390 719.999980926514 67.9
  POINT "193-2" 810 0 67.9
  POINT "189-2" 810 719.999980926514 67.9
  POINT "216" 1200 359.999990463257
  POINT "217" 1200 135.000002384186
  POINT "196-1" 1200 0 150
  POINT "190-1" 1200 719.999980926514 150
  POINT "219" 1200 605.499982833862
  POINT "219-1" 1200 605.499982833862 102.2917
  POINT "217-1" 1200 135.000002384186 93.75
  POINT "220" 1200 -150
  POINT "220-1" 1200 -150 67.9
  POINT "221" 1200 869.999980926514
  POINT "221-1" 1200 869.999980926514 67.9
  POINT "195-1" 1200 427.500009536743 28.125
  POINT "222-1" 1200 292.499995231628 28.125
  POINT "222-2" 1200 292.499995231628 150
  POINT "196-2" 1200 0 67.9
  POINT "190-2" 1200 719.999980926514 67.9
  POINT "223" 120 0
  POINT "223-1" 120 0 150
  POINT "224" 1080 0
  POINT "224-1" 1080 0 150
  POINT "225" 495 135.000002384186
  POINT "225-1" 495 135.000002384186 93.75
  POINT "226" 705 135.000002384186
  POINT "226-1" 705 135.000002384186 93.75
  POINT "227" 120 359.999990463257
  POINT "228" 270 359.999990463257
  POINT "186-2" 0 359.999990463257 150
  POINT "191-1" 390 359.999990463257 150
  POINT "192-1" 810 359.999990463257 150
  POINT "230" 930 427.500009536743
  POINT "230-1" 930 427.500009536743 28.125
  POINT "231" 390 427.500009536743
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  POINT "195-2" 1200 427.500009536743 150
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  POINT "232-1" 120 719.999980926514 150
  POINT "233" 1080 719.999980926514
  POINT "233-1" 1080 719.999980926514 150
  POINT "234" 510 719.999980926514
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  POINT "235" 690 719.999980926514
  POINT "235-1" 690 719.999980926514 150
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  POINT "238-1" 510 605.499982833862 150
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  POINT "253-1" 0 -50 22.63333
  POINT "254-1" 1200 -100 45.26667
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  POINT "256-1" 390 -100 45.26667
  POINT "257-1" 390 -50 22.63333
  POINT "258-1" 810 -100 45.26667
  POINT "259-1" 810 -50 22.63333
  POINT "260-1" 0 819.999980926514 45.26667
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  POINT "262-1" 1200 819.999980926514 45.26667
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  POINT "269" 390 67.5000011920929
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  POINT "271" 1200 67.5000011920929
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  POINT "273" 390 191.250002384186
  POINT "275" 810 191.250002384186
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  POINT "282" 0 303.749990463257
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  POINT "285" 810 303.749990463257
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  POINT "288-1" 0 102.857148647308 107.1429
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  POINT "290-1" 0 205.714297294617 64.28571
  POINT "291-1" 0 257.142853736877 42.85714
  POINT "292-1" 0 308.571434020996 21.42857
  POINT "293-1" 0 668.571424484253 128.5714
  POINT "294-1" 0 617.142868041992 107.1429
  POINT "295-1" 0 565.714263916016 85.71429
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  POINT "297-1" 0 462.857151031494 42.85714
  POINT "298-1" 0 411.428594589233 21.42857
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  POINT "303-1" 1200 257.142853736877 42.85714
  POINT "304-1" 1200 308.571434020996 21.42857
  POINT "305-1" 1200 668.571424484253 128.5714
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  POINT "318-1" 390 617.142868041992 107.1429
  POINT "319-1" 390 565.714263916016 85.71429
  POINT "320-1" 390 514.285707473755 64.28571
  POINT "321-1" 390 462.857151031494 42.85714
  POINT "322-1" 390 411.428594589233 21.42857
  POINT "323-1" 810 51.4285743236542 128.5714
  POINT "324-1" 810 102.857148647308 107.1429
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  POINT "328-1" 810 308.571434020996 21.42857
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  POINT "332-1" 810 514.285707473755 64.28571
  POINT "333-1" 810 462.857151031494 42.85714
  POINT "334-1" 810 411.428594589233 21.42857
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  POINT "336" 37.5 907.499980926514
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  POINT "338" 427.5 907.499980926514
  POINT "339" 847.5 -112.5
  POINT "340" 847.5 907.499980926514
  POINT "341" 1237.5 -112.5
  POINT "342" 1237.5 907.499980926514
  POINT "343" -37.5 -187.5
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  POINT "345" 352.5 -187.5
  POINT "346" 352.5 832.499980926514
  POINT "347" 772.5 -187.5
  POINT "348" 772.5 832.499980926514
  POINT "349" 1162.5 -187.5
  POINT "350" 1162.5 832.499980926514
  POINT "351" 37.5 832.499980926514
  POINT "352" -37.5 907.499980926514
  POINT "353" 427.5 832.499980926514
  POINT "354" 352.5 907.499980926514
  POINT "355" 847.5 832.499980926514
  POINT "356" 772.5 907.499980926514
  POINT "357" 1237.5 832.499980926514
  POINT "358" 1162.5 907.499980926514
  POINT "359" 1237.5 -187.5
  POINT "360" 1162.5 -112.5
  POINT "361" 847.5 -187.5
  POINT "362" 772.5 -112.5
  POINT "363" 427.5 -187.5
  POINT "364" 352.5 -112.5
  POINT "365" 37.5 -187.5
  POINT "366" -37.5 -112.5

$ LINE CONNECTIVITIES
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  LINE "C36" COLUMN "186" "186" 1
  LINE "C37" COLUMN "187" "187" 1
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LINE "C40" COLUMN "204" "204" 1
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LINE "C37-1" COLUMN "187" "187-1" 1
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LINE "C42-1" COLUMN "206" "206-1" 1
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LINE "C43-1" COLUMN "197" "197-1" 1
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LINE "C46-1" COLUMN "207" "207-1" 1
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LINE "C47-1" COLUMN "198" "198-1" 1
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LINE "C94-1" COLUMN "209" "209-1" 1
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LINE "C48-1" COLUMN "193" "193-1" 1
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LINE "C107-1" COLUMN "212" "212-1" 1
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LINE "C55-1" COLUMN "195" "195-1" 1
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LINE "C57-1" COLUMN "219" "219-1" 1
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LINE "C58-1" COLUMN "217" "217-1" 1
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LINE "C128-1" COLUMN "221" "221-1" 1
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LINE "D98" BRACE "232" "187-1" 1
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LINE "D100" BRACE "233" "190" 1

$ AREA CONNECTIVITIES
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  AREA "F8" FLOOR 4 "186" "191" "188" "187" 0 0 0 0
  AREA "F9" FLOOR 4 "191" "186" "185" "197" 0 0 0 0
  AREA "F10" FLOOR 4 "194" "195" "190" "189" 0 0 0 0
  AREA "F11" FLOOR 4 "195" "194" "193" "196" 0 0 0 0
  AREA "F12" FLOOR 4 "198" "199" "210" "207" 0 0 0 0
  AREA "F13" FLOOR 4 "207" "210" "189" "188" 0 0 0 0
  AREA "F14" FLOOR 4 "344" "351" "336" "352" 0 0 0 0
  AREA "F15" FLOOR 4 "346" "353" "338" "354" 0 0 0 0
  AREA "F16" FLOOR 4 "348" "355" "340" "356" 0 0 0 0
  AREA "F17" FLOOR 4 "350" "357" "342" "358" 0 0 0 0
  AREA "F18" FLOOR 4 "349" "359" "341" "360" 0 0 0 0
  AREA "F19" FLOOR 4 "347" "361" "339" "362" 0 0 0 0
  AREA "F20" FLOOR 4 "345" "363" "337" "364" 0 0 0 0
  AREA "F21" FLOOR 4 "343" "365" "335" "366" 0 0 0 0

$ POINT ASSIGNS
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  POINTASSIGN "186" "PRF" DIAPH "D1"
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  POINTASSIGN "216" "PRF" DIAPH "D1"
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POINTASSIGN "203" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
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POINTASSIGN "207" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
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POINTASSIGN "364" "BASE" RESTRAINT "UX UY UZ"
POINTASSIGN "365" "BASE" RESTRAINT "UX UY UZ"
POINTASSIGN "366" "BASE" RESTRAINT "UX UY UZ"

$ LINE ASSIGNS
LINEASSIGN "B134" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B135" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B136" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B137" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B138" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B139" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B141" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B142" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B143" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B144" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B145" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B146" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B147" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B148" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B149" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B150" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B151" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B192" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C35" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C35-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C36" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C36" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C37" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C37-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C39" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C39-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C40" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C40-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B154" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B153" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C41-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C42-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D59" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D60" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D61" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D62" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C43" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C43-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C44" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C44" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C45" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C45-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C46" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C46-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C47" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C47-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B157" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B158" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C92-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C94-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D67" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D68" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D69" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D70" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C48" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C48-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C53" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C53-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C50" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C50-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C51" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C51-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C52" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C52-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B159" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B160" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C105-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C107-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D75" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D76" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D77" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D78" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C113-2" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B162" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B167" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B168" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B169" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B170" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B171" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B172" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B173" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C54" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C54-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C55" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C55-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C56" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C56-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C57" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C57-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C58" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C58-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B174" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B175" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C126-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C128-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D83" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
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LINEASSIGN "D84" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D85" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D86" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C130-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B176" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B177" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C59" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C59-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C60" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C60-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D87" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D88" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D89" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D90" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B181" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C61" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C61-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C62" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C62-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C63" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C63" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C64" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C64" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B139" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D91" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D92" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B182" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D93" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D94" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B140" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B183" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B185" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C65" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C65-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B186" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B187" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B143" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B188" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D95" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D96" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B136" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B137" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B138" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B189" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B190" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B191" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C66" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C66-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C67" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C67-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C68" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C68-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C69" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C69-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D97" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D98" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D99" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D100" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C72" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C72-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C73" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C73-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B192" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B193" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B194" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B195" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B196" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B197" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B198" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B199" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B200" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B201" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B202" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B203" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B151" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B206" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D57" "2F" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D81" "2F" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D65" "2F" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D73" "2F" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B210" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B211" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B212" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B213" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B214" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B215" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B216" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B217" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B218" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D58" "2F" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D82" "2F" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D66" "2F" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D74" "2F" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B222" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B223" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B224" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B225" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B226" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B227" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B228" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B229" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B230" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B146" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B147" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B148" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B231" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B232" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B233" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B234" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B243" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B236" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B237" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B244" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B239" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B240" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B245" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B242" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D55" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D56" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D79" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D80" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D63" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D64" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D71" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D72" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B259" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B260" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B261" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B262" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B263" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B264" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B265" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B266" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B267" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B268" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B269" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B270" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B271" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B272" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B273" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B274" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B275" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B276" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B277" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B278" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B279" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B139" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B140" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B183" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B280" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B281" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B282" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B283" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B284" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B285" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B286" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B287" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B288" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B289" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B290" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B291" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B292" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B293" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B294" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B295" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B296" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B297" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"

$ AREA ASSIGNS
AREAASSIGN "F12" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F6" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F13" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F8" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F9" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F10" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F11" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F14" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F15" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F16" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F17" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F18" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F19" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F20" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F21" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F12" "BASE" "SPRINGK3" 1
AREAASSIGN "F6" "BASE" "SPRINGK3" 1
AREAASSIGN "F13" "BASE" "SPRINGK3" 1
AREAASSIGN "F8" "BASE" "SPRINGK3" 1
AREAASSIGN "F9" "BASE" "SPRINGK3" 1
AREAASSIGN "F10" "BASE" "SPRINGK3" 1
AREAASSIGN "F11" "BASE" "SPRINGK3" 1
AREAASSIGN "F14" "BASE" "SPRINGK3" 1
AREAASSIGN "F15" "BASE" "SPRINGK3" 1
AREAASSIGN "F16" "BASE" "SPRINGK3" 1
AREAASSIGN "F17" "BASE" "SPRINGK3" 1
AREAASSIGN "F18" "BASE" "SPRINGK3" 1
AREAASSIGN "F19" "BASE" "SPRINGK3" 1
AREAASSIGN "F20" "BASE" "SPRINGK3" 1
AREAASSIGN "F21" "BASE" "SPRINGK3" 1

$ STATIC LOADS
LOADCASE "DL" TYPE "DEAD" SELFWEIGHT 1
LOADCASE "SDL" TYPE "SUPERDEAD" SELFWEIGHT 0
LOADCASE "LL" TYPE "LIVE" SELFWEIGHT 0
LOADCASE "EXP" TYPE "QUAKE" SELFWEIGHT 0
LOADCASE "EYP" TYPE "QUAKE" SELFWEIGHT 0
LOADCASE "EXN" TYPE "QUAKE" SELFWEIGHT 0
LOADCASE "EYN" TYPE "QUAKE" SELFWEIGHT 0
LOADCASE "WX" TYPE "WIND" SELFWEIGHT 0
LOADCASE "WY" TYPE "WIND" SELFWEIGHT 0
LOADCASE "WAH" TYPE "OTHER" SELFWEIGHT 0
LOADCASE "WAN" TYPE "OTHER" SELFWEIGHT 0
SEISMIC "EXP" "USER_COEFF" DIR "X+ECC" ECC 0.05 TOPSTORY "PRF" BOTTOMSTORY "BASE" SHEARCOEFF 0.3 HEIGHTEXPONENT 1
SEISMIC "EYP" "USER_COEFF" DIR "Y+ECC" ECC 0.05 TOPSTORY "PRF" BOTTOMSTORY "BASE" SHEARCOEFF 0.3 HEIGHTEXPONENT 1
SEISMIC "EXN" "USER_COEFF" DIR "X-ECC" ECC 0.05 TOPSTORY "PRF" BOTTOMSTORY "BASE" SHEARCOEFF 0.3 HEIGHTEXPONENT 1
SEISMIC "EYN" "USER_COEFF" DIR "Y-ECC" ECC 0.05 TOPSTORY "PRF" BOTTOMSTORY "BASE" SHEARCOEFF 0.3 HEIGHTEXPONENT 1
WIND "WX" "USER"
WIND "WX" USERLOAD "PRF" "D1" FX 4354.2 XLOC 550 YLOC 300
WIND "WX" USERLOAD "2F" "D1" FX 7414.2 XLOC 550 YLOC 300
WIND "WY" "USER"
WIND "WY" USERLOAD "PRF" "D1" FY 7257 XLOC 550 YLOC 300
WIND "WY" USERLOAD "2F" "D1" FY 12357 XLOC 550 YLOC 300

$ POINT OBJECT LOADS

$ LINE OBJECT LOADS
LINELOAD "B139" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B140" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B183" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B186" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B187" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B143" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B136" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B137" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B138" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B192" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B193" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B194" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B195" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B196" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B197" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B198" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B199" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B200" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B201" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B202" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B203" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B151" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B206" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B210" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B211" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B212" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B213" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B214" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B215" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B216" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B217" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B218" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B222" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B223" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B224" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B225" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B226" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B227" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B228" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B229" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B230" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B146" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B147" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B148" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B231" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B232" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B233" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B234" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B243" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B236" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B237" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B244" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B239" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B240" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B245" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B242" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B210" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B211" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B212" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B213" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B214" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B215" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B216" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B217" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B218" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B222" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B223" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B224" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B225" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B226" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B227" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B228" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B229" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B230" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B210" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B211" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B212" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B213" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B214" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B215" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B216" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B217" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B218" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B222" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B223" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B224" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
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LINELOAD "B225" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B226" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B227" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B228" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B229" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B230" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B210" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B211" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B212" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B213" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B214" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B215" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B216" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B217" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B218" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B222" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B223" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B224" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B225" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B226" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B227" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B228" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B229" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B230" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "C64" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B139" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B140" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B183" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B186" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B187" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B143" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B136" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B137" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B138" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B192" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B193" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B194" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B195" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B196" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B197" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B198" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B199" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B200" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B201" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B202" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B203" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B151" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B206" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B146" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B147" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B148" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B231" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B232" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B233" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B234" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B243" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B236" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B237" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B244" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B239" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B240" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B245" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B242" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B181" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B188" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B189" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B190" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B191" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B259" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B260" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B261" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B262" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B263" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B264" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B265" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B266" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B267" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B268" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B269" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B270" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B271" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B272" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B273" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B274" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B275" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B276" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B277" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B278" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B279" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B139" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B140" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B183" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B280" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B281" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B282" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B283" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B284" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B285" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B286" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B287" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B288" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B289" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B290" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B291" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B292" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B293" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B294" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B295" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B296" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B297" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B181" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B188" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B189" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B190" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B191" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B259" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B260" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B261" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B262" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B263" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B264" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B265" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B266" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B267" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B268" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B269" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B270" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B271" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B272" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B273" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B274" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B275" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B276" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B277" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B278" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B279" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B139" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B140" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B183" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B280" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B281" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B282" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B283" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B284" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B285" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B286" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B287" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B288" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B289" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B290" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B291" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B292" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B293" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B294" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B295" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B296" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B297" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B181" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B188" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B189" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B190" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B191" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B259" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B260" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B261" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B262" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B263" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B264" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B265" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B266" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B267" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B268" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B269" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B270" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B271" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B272" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B273" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B274" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B275" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B276" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B277" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B278" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B279" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B139" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B140" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B183" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B280" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B281" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B282" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B283" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B284" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B285" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B286" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B287" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B288" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B289" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B290" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B291" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B292" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B293" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B294" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B295" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B296" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B297" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B181" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B188" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B189" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B190" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B191" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B259" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B260" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B261" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B262" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B263" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B264" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B265" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B266" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B267" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B268" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B269" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B270" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B271" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B272" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B273" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B274" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B275" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B276" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B277" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B278" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B279" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B139" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B140" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B183" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B280" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B281" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B282" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B283" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B284" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B285" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B286" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B287" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B288" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B289" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B290" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B291" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B292" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B293" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B294" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B295" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B296" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B297" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576

$ AREA OBJECT LOADS
  AREALOAD "F12" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F6" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F13" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F12" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F6" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F13" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F8" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F9" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F8" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F9" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F10" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F11" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F10" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F11" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1

$ ANALYSIS OPTIONS
  ACTIVEDOF "UX UY UZ RX RY RZ"
  DYNAMICS MODES 15 MODETYPE "EIGEN" TOL 0.0000001
  MASSOPTIONS GRAVITY 980.665 SOURCE "LOADS" LATERALONLY "YES" STORYLEVELONLY "YES"
  MASSOPTIONS LOAD "DL" FACTOR 1
  MASSOPTIONS LOAD "SDL" FACTOR 1

$ LOAD COMBINATIONS
  COMBO "EZ" TYPE "ADD"
  COMBO "EZ" LOAD "DL" SF 0.122
  COMBO "EZ" LOAD "SDL" SF 0.122
  COMBO "02RC01" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
  COMBO "02RC01" LOAD "DL" SF 1.4
  COMBO "02RC01" LOAD "SDL" SF 1.4
  COMBO "02RC02" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
  COMBO "02RC02" LOAD "DL" SF 1.2
  COMBO "02RC02" LOAD "SDL" SF 1.2
  COMBO "02RC02" LOAD "LL" SF 1.6
  COMBO "02RC03" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
  COMBO "02RC03" LOAD "DL" SF 1.2
  COMBO "02RC03" LOAD "SDL" SF 1.2
  COMBO "02RC03" LOAD "LL" SF 1
  COMBO "02RC03" LOAD "EXP" SF 1
  COMBO "02RC03" COMBO "EZ" SF 0.3
  COMBO "02RC04" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
  COMBO "02RC04" LOAD "DL" SF 1.2
  COMBO "02RC04" LOAD "SDL" SF 1.2
  COMBO "02RC04" LOAD "LL" SF 1
  COMBO "02RC04" LOAD "EXP" SF 1
  COMBO "02RC04" COMBO "EZ" SF -0.3
  COMBO "02RC05" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
  COMBO "02RC05" LOAD "DL" SF 1.2
  COMBO "02RC05" LOAD "SDL" SF 1.2
  COMBO "02RC05" LOAD "LL" SF 1
  COMBO "02RC05" LOAD "EYP" SF 1
  COMBO "02RC05" COMBO "EZ" SF 0.3
  COMBO "02RC06" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
  COMBO "02RC06" LOAD "DL" SF 1.2
  COMBO "02RC06" LOAD "SDL" SF 1.2
  COMBO "02RC06" LOAD "LL" SF 1
  COMBO "02RC06" LOAD "EYP" SF 1
  COMBO "02RC06" COMBO "EZ" SF -0.3
  COMBO "02RC07" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
  COMBO "02RC07" LOAD "DL" SF 1.2
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COMBO "02RC07" LOAD "SDL" SF 1.2
COMBO "02RC07" LOAD "LL" SF 1
COMBO "02RC07" LOAD "EXN" SF 1
COMBO "02RC07" COMBO "EZ" SF 0.3
COMBO "02RC08" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC08" LOAD "DL" SF 1.2
COMBO "02RC08" LOAD "SDL" SF 1.2
COMBO "02RC08" LOAD "LL" SF 1
COMBO "02RC08" LOAD "EXN" SF 1
COMBO "02RC08" COMBO "EZ" SF -0.3
COMBO "02RC09" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC09" LOAD "DL" SF 1.2
COMBO "02RC09" LOAD "SDL" SF 1.2
COMBO "02RC09" LOAD "LL" SF 1
COMBO "02RC09" LOAD "EYN" SF 1
COMBO "02RC09" COMBO "EZ" SF 0.3
COMBO "02RC10" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC10" LOAD "DL" SF 1.2
COMBO "02RC10" LOAD "SDL" SF 1.2
COMBO "02RC10" LOAD "LL" SF 1
COMBO "02RC10" LOAD "EYN" SF 1
COMBO "02RC10" COMBO "EZ" SF -0.3
COMBO "02RC11" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC11" LOAD "DL" SF 1.2
COMBO "02RC11" LOAD "SDL" SF 1.2
COMBO "02RC11" LOAD "LL" SF 1
COMBO "02RC11" LOAD "EXP" SF -1
COMBO "02RC11" COMBO "EZ" SF 0.3
COMBO "02RC12" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC12" LOAD "DL" SF 1.2
COMBO "02RC12" LOAD "SDL" SF 1.2
COMBO "02RC12" LOAD "LL" SF 1
COMBO "02RC12" LOAD "EXP" SF -1
COMBO "02RC12" COMBO "EZ" SF -0.3
COMBO "02RC13" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC13" LOAD "DL" SF 1.2
COMBO "02RC13" LOAD "SDL" SF 1.2
COMBO "02RC13" LOAD "LL" SF 1
COMBO "02RC13" LOAD "EYP" SF -1
COMBO "02RC13" COMBO "EZ" SF 0.3
COMBO "02RC14" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC14" LOAD "DL" SF 1.2
COMBO "02RC14" LOAD "SDL" SF 1.2
COMBO "02RC14" LOAD "LL" SF 1
COMBO "02RC14" LOAD "EYP" SF -1
COMBO "02RC14" COMBO "EZ" SF -0.3
COMBO "02RC15" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC15" LOAD "DL" SF 1.2
COMBO "02RC15" LOAD "SDL" SF 1.2
COMBO "02RC15" LOAD "LL" SF 1
COMBO "02RC15" LOAD "EXN" SF -1
COMBO "02RC15" COMBO "EZ" SF 0.3
COMBO "02RC16" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC16" LOAD "DL" SF 1.2
COMBO "02RC16" LOAD "SDL" SF 1.2
COMBO "02RC16" LOAD "LL" SF 1
COMBO "02RC16" LOAD "EXN" SF -1
COMBO "02RC16" COMBO "EZ" SF -0.3
COMBO "02RC17" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC17" LOAD "DL" SF 1.2
COMBO "02RC17" LOAD "SDL" SF 1.2
COMBO "02RC17" LOAD "LL" SF 1
COMBO "02RC17" LOAD "EYN" SF -1
COMBO "02RC17" COMBO "EZ" SF 0.3
COMBO "02RC18" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC18" LOAD "DL" SF 1.2
COMBO "02RC18" LOAD "SDL" SF 1.2
COMBO "02RC18" LOAD "LL" SF 1
COMBO "02RC18" LOAD "EYN" SF -1
COMBO "02RC18" COMBO "EZ" SF -0.3
COMBO "02RC19" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC19" LOAD "DL" SF 1.2
COMBO "02RC19" LOAD "SDL" SF 1.2
COMBO "02RC19" LOAD "LL" SF 1
COMBO "02RC19" LOAD "EXP" SF 0.3
COMBO "02RC19" COMBO "EZ" SF 1
COMBO "02RC20" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC20" LOAD "DL" SF 1.2
COMBO "02RC20" LOAD "SDL" SF 1.2
COMBO "02RC20" LOAD "LL" SF 1
COMBO "02RC20" LOAD "EXP" SF 0.3
COMBO "02RC20" COMBO "EZ" SF -1
COMBO "02RC21" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC21" LOAD "DL" SF 1.2
COMBO "02RC21" LOAD "SDL" SF 1.2
COMBO "02RC21" LOAD "LL" SF 1
COMBO "02RC21" LOAD "EYP" SF 0.3
COMBO "02RC21" COMBO "EZ" SF 1
COMBO "02RC22" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC22" LOAD "DL" SF 1.2
COMBO "02RC22" LOAD "SDL" SF 1.2
COMBO "02RC22" LOAD "LL" SF 1
COMBO "02RC22" LOAD "EYP" SF 0.3
COMBO "02RC22" COMBO "EZ" SF -1
COMBO "02RC23" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC23" LOAD "DL" SF 1.2
COMBO "02RC23" LOAD "SDL" SF 1.2
COMBO "02RC23" LOAD "LL" SF 1
COMBO "02RC23" LOAD "EXN" SF 0.3
COMBO "02RC23" COMBO "EZ" SF 1
COMBO "02RC24" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC24" LOAD "DL" SF 1.2
COMBO "02RC24" LOAD "SDL" SF 1.2
COMBO "02RC24" LOAD "LL" SF 1
COMBO "02RC24" LOAD "EXN" SF 0.3
COMBO "02RC24" COMBO "EZ" SF -1
COMBO "02RC25" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC25" LOAD "DL" SF 1.2
COMBO "02RC25" LOAD "SDL" SF 1.2
COMBO "02RC25" LOAD "LL" SF 1
COMBO "02RC25" LOAD "EYN" SF 0.3
COMBO "02RC25" COMBO "EZ" SF 1
COMBO "02RC26" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC26" LOAD "DL" SF 1.2
COMBO "02RC26" LOAD "SDL" SF 1.2
COMBO "02RC26" LOAD "LL" SF 1
COMBO "02RC26" LOAD "EYN" SF 0.3
COMBO "02RC26" COMBO "EZ" SF -1
COMBO "02RC27" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC27" LOAD "DL" SF 1.2
COMBO "02RC27" LOAD "SDL" SF 1.2
COMBO "02RC27" LOAD "LL" SF 1
COMBO "02RC27" LOAD "EXP" SF -0.3
COMBO "02RC27" COMBO "EZ" SF 1
COMBO "02RC28" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC28" LOAD "DL" SF 1.2
COMBO "02RC28" LOAD "SDL" SF 1.2
COMBO "02RC28" LOAD "LL" SF 1
COMBO "02RC28" LOAD "EXP" SF -0.3
COMBO "02RC28" COMBO "EZ" SF -1
COMBO "02RC29" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC29" LOAD "DL" SF 1.2
COMBO "02RC29" LOAD "SDL" SF 1.2
COMBO "02RC29" LOAD "LL" SF 1
COMBO "02RC29" LOAD "EYP" SF -0.3
COMBO "02RC29" COMBO "EZ" SF 1
COMBO "02RC30" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC30" LOAD "DL" SF 1.2
COMBO "02RC30" LOAD "SDL" SF 1.2
COMBO "02RC30" LOAD "LL" SF 1
COMBO "02RC30" LOAD "EYP" SF -0.3
COMBO "02RC30" COMBO "EZ" SF -1
COMBO "02RC31" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC31" LOAD "DL" SF 1.2
COMBO "02RC31" LOAD "SDL" SF 1.2
COMBO "02RC31" LOAD "LL" SF 1
COMBO "02RC31" LOAD "EXN" SF -0.3
COMBO "02RC31" COMBO "EZ" SF 1
COMBO "02RC32" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC32" LOAD "DL" SF 1.2
COMBO "02RC32" LOAD "SDL" SF 1.2
COMBO "02RC32" LOAD "LL" SF 1
COMBO "02RC32" LOAD "EXN" SF -0.3
COMBO "02RC32" COMBO "EZ" SF -1
COMBO "02RC33" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC33" LOAD "DL" SF 1.2
COMBO "02RC33" LOAD "LL" SF 1
COMBO "02RC33" LOAD "EYN" SF -0.3
COMBO "02RC33" COMBO "EZ" SF 1
COMBO "02RC34" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC34" LOAD "DL" SF 1.2
COMBO "02RC34" LOAD "SDL" SF 1.2
COMBO "02RC34" LOAD "LL" SF 1
COMBO "02RC34" LOAD "EYN" SF -0.3
COMBO "02RC34" COMBO "EZ" SF -1
COMBO "02RC35" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC35" LOAD "DL" SF 0.9
COMBO "02RC35" LOAD "SDL" SF 0.9
COMBO "02RC35" LOAD "EXP" SF 1
COMBO "02RC35" COMBO "EZ" SF 0.3
COMBO "02RC36" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC36" LOAD "DL" SF 0.9
COMBO "02RC36" LOAD "SDL" SF 0.9
COMBO "02RC36" LOAD "EXP" SF 1
COMBO "02RC36" COMBO "EZ" SF -0.3
COMBO "02RC37" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC37" LOAD "DL" SF 0.9
COMBO "02RC37" LOAD "SDL" SF 0.9
COMBO "02RC37" LOAD "EYP" SF 1
COMBO "02RC37" COMBO "EZ" SF 0.3
COMBO "02RC38" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC38" LOAD "DL" SF 0.9
COMBO "02RC38" LOAD "SDL" SF 0.9
COMBO "02RC38" LOAD "EYP" SF 1
COMBO "02RC38" COMBO "EZ" SF -0.3
COMBO "02RC39" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC39" LOAD "DL" SF 0.9
COMBO "02RC39" LOAD "SDL" SF 0.9
COMBO "02RC39" LOAD "EXN" SF 1
COMBO "02RC39" COMBO "EZ" SF 0.3
COMBO "02RC40" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC40" LOAD "DL" SF 0.9
COMBO "02RC40" LOAD "SDL" SF 0.9
COMBO "02RC40" LOAD "EXN" SF 1
COMBO "02RC40" COMBO "EZ" SF -0.3
COMBO "02RC41" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC41" LOAD "DL" SF 0.9
COMBO "02RC41" LOAD "SDL" SF 0.9
COMBO "02RC41" LOAD "EYN" SF 1
COMBO "02RC41" COMBO "EZ" SF 0.3
COMBO "02RC42" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC42" LOAD "DL" SF 0.9
COMBO "02RC42" LOAD "SDL" SF 0.9
COMBO "02RC42" LOAD "EYN" SF 1
COMBO "02RC42" COMBO "EZ" SF -0.3
COMBO "02RC43" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC43" LOAD "DL" SF 0.9
COMBO "02RC43" LOAD "SDL" SF 0.9
COMBO "02RC43" LOAD "EXP" SF -1
COMBO "02RC43" COMBO "EZ" SF 0.3
COMBO "02RC44" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC44" LOAD "DL" SF 0.9
COMBO "02RC44" LOAD "SDL" SF 0.9
COMBO "02RC44" LOAD "EXP" SF -1
COMBO "02RC44" COMBO "EZ" SF -0.3
COMBO "02RC45" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC45" LOAD "DL" SF 0.9
COMBO "02RC45" LOAD "SDL" SF 0.9
COMBO "02RC45" LOAD "EYP" SF -1
COMBO "02RC45" COMBO "EZ" SF 0.3
COMBO "02RC46" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC46" LOAD "DL" SF 0.9
COMBO "02RC46" LOAD "SDL" SF 0.9
COMBO "02RC46" LOAD "EYP" SF -1
COMBO "02RC46" COMBO "EZ" SF -0.3
COMBO "02RC47" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC47" LOAD "DL" SF 0.9
COMBO "02RC47" LOAD "SDL" SF 0.9
COMBO "02RC47" LOAD "EXN" SF -1
COMBO "02RC47" COMBO "EZ" SF 0.3
COMBO "02RC48" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC48" LOAD "DL" SF 0.9
COMBO "02RC48" LOAD "SDL" SF 0.9
COMBO "02RC48" LOAD "EXN" SF -1
COMBO "02RC48" COMBO "EZ" SF -0.3
COMBO "02RC49" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC49" LOAD "DL" SF 0.9
COMBO "02RC49" LOAD "SDL" SF 0.9
COMBO "02RC49" LOAD "EYN" SF -1
COMBO "02RC49" COMBO "EZ" SF 0.3
COMBO "02RC50" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC50" LOAD "DL" SF 0.9
COMBO "02RC50" LOAD "SDL" SF 0.9
COMBO "02RC50" LOAD "EYN" SF -1
COMBO "02RC50" COMBO "EZ" SF -0.3
COMBO "02RC51" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC51" LOAD "DL" SF 0.9
COMBO "02RC51" LOAD "SDL" SF 0.9
COMBO "02RC51" LOAD "EXP" SF 0.3
COMBO "02RC51" COMBO "EZ" SF 1
COMBO "02RC52" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC52" LOAD "DL" SF 0.9
COMBO "02RC52" LOAD "SDL" SF 0.9
COMBO "02RC52" LOAD "EXP" SF 0.3
COMBO "02RC52" COMBO "EZ" SF -1
COMBO "02RC53" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC53" LOAD "DL" SF 0.9
COMBO "02RC53" LOAD "SDL" SF 0.9
COMBO "02RC53" LOAD "EYP" SF 0.3
COMBO "02RC53" COMBO "EZ" SF 1
COMBO "02RC54" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC54" LOAD "DL" SF 0.9
COMBO "02RC54" LOAD "SDL" SF 0.9
COMBO "02RC54" LOAD "EYP" SF 0.3
COMBO "02RC54" COMBO "EZ" SF -1
COMBO "02RC55" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC55" LOAD "DL" SF 0.9
COMBO "02RC55" LOAD "SDL" SF 0.9
COMBO "02RC55" LOAD "EXN" SF 0.3
COMBO "02RC55" COMBO "EZ" SF 1
COMBO "02RC56" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC56" LOAD "DL" SF 0.9
COMBO "02RC56" LOAD "SDL" SF 0.9
COMBO "02RC56" LOAD "EXN" SF 0.3
COMBO "02RC56" COMBO "EZ" SF -1
COMBO "02RC57" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC57" LOAD "DL" SF 0.9
COMBO "02RC57" LOAD "SDL" SF 0.9
COMBO "02RC57" LOAD "EYN" SF 0.3
COMBO "02RC57" COMBO "EZ" SF 1
COMBO "02RC58" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC58" LOAD "DL" SF 0.9
COMBO "02RC58" LOAD "SDL" SF 0.9
COMBO "02RC58" LOAD "EYN" SF 0.3
COMBO "02RC58" COMBO "EZ" SF -1
COMBO "02RC59" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC59" LOAD "DL" SF 0.9
COMBO "02RC59" LOAD "SDL" SF 0.9
COMBO "02RC59" LOAD "EXP" SF -0.3
COMBO "02RC59" COMBO "EZ" SF 1
COMBO "02RC60" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC60" LOAD "DL" SF 0.9
COMBO "02RC60" LOAD "SDL" SF 0.9
COMBO "02RC60" LOAD "EXP" SF -0.3
COMBO "02RC60" COMBO "EZ" SF -1
COMBO "02RC61" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC61" LOAD "DL" SF 0.9
COMBO "02RC61" LOAD "SDL" SF 0.9
COMBO "02RC61" LOAD "EYP" SF -0.3
COMBO "02RC61" COMBO "EZ" SF 1
COMBO "02RC62" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC62" LOAD "DL" SF 0.9
COMBO "02RC62" LOAD "SDL" SF 0.9
COMBO "02RC62" LOAD "EYP" SF -0.3
COMBO "02RC62" COMBO "EZ" SF -1
COMBO "02RC63" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC63" LOAD "DL" SF 0.9
COMBO "02RC63" LOAD "SDL" SF 0.9
COMBO "02RC63" LOAD "EXN" SF -0.3
COMBO "02RC63" COMBO "EZ" SF 1
COMBO "02RC64" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
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COMBO "02RC64" LOAD "DL" SF 0.9
COMBO "02RC64" LOAD "SDL" SF 0.9
COMBO "02RC64" LOAD "EXN" SF -0.3
COMBO "02RC64" COMBO "EZ" SF -1
COMBO "02RC65" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC65" LOAD "DL" SF 0.9
COMBO "02RC65" LOAD "SDL" SF 0.9
COMBO "02RC65" LOAD "EYN" SF -0.3
COMBO "02RC65" COMBO "EZ" SF 1
COMBO "02RC66" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC66" LOAD "DL" SF 0.9
COMBO "02RC66" LOAD "SDL" SF 0.9
COMBO "02RC66" LOAD "EYN" SF -0.3
COMBO "02RC66" COMBO "EZ" SF -1
COMBO "02RC67" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC67" LOAD "DL" SF 1.2
COMBO "02RC67" LOAD "SDL" SF 1.2
COMBO "02RC67" LOAD "LL" SF 1
COMBO "02RC67" LOAD "WX" SF 1.6
COMBO "02RC68" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC68" LOAD "DL" SF 1.2
COMBO "02RC68" LOAD "SDL" SF 1.2
COMBO "02RC68" LOAD "LL" SF 1
COMBO "02RC68" LOAD "WY" SF 1.6
COMBO "02RC69" TYPE "ADD"
COMBO "02RC69" LOAD "DL" SF 1.2
COMBO "02RC69" LOAD "SDL" SF 1.2
COMBO "02RC69" LOAD "LL" SF 1
COMBO "02RC69" LOAD "WX" SF -1.6
COMBO "02RC70" TYPE "ADD"
COMBO "02RC70" LOAD "DL" SF 1.2
COMBO "02RC70" LOAD "SDL" SF 1.2
COMBO "02RC70" LOAD "LL" SF 1
COMBO "02RC70" LOAD "WY" SF -1.6
COMBO "02RC71" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC71" LOAD "DL" SF 0.9
COMBO "02RC71" LOAD "SDL" SF 0.9
COMBO "02RC71" LOAD "WX" SF 1.6
COMBO "02RC72" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC72" LOAD "DL" SF 0.9
COMBO "02RC72" LOAD "SDL" SF 0.9
COMBO "02RC72" LOAD "WY" SF 1.6
COMBO "02RC73" TYPE "ADD"
COMBO "02RC73" LOAD "DL" SF 0.9
COMBO "02RC73" LOAD "SDL" SF 0.9
COMBO "02RC73" LOAD "WX" SF -1.6
COMBO "02RC74" TYPE "ADD"
COMBO "02RC74" LOAD "DL" SF 0.9
COMBO "02RC74" LOAD "SDL" SF 0.9
COMBO "02RC74" LOAD "WY" SF -1.6
COMBO "BASE01" TYPE "ADD"
COMBO "BASE01" LOAD "DL" SF 1
COMBO "BASE01" LOAD "SDL" SF 1
COMBO "BASE01" LOAD "WAH" SF 1
COMBO "BASE02" TYPE "ADD"
COMBO "BASE02" LOAD "DL" SF 1
COMBO "BASE02" LOAD "SDL" SF 1
COMBO "BASE02" LOAD "WAN" SF 1
COMBO "BASE03" TYPE "ADD"
COMBO "BASE03" LOAD "DL" SF 1
COMBO "BASE03" LOAD "SDL" SF 1
COMBO "BASE03" LOAD "LL" SF 1
COMBO "BASE03" LOAD "WAH" SF 1
COMBO "BASE04" TYPE "ADD"
COMBO "BASE04" LOAD "DL" SF 1
COMBO "BASE04" LOAD "SDL" SF 1
COMBO "BASE04" LOAD "LL" SF 1
COMBO "BASE04" LOAD "WAN" SF 1
COMBO "BASE05" TYPE "ADD"
COMBO "BASE05" LOAD "DL" SF 1
COMBO "BASE05" LOAD "SDL" SF 1
COMBO "BASE05" LOAD "LL" SF 1
COMBO "BASE05" LOAD "EXP" SF 1
COMBO "BASE05" LOAD "WAH" SF 1
COMBO "BASE06" TYPE "ADD"
COMBO "BASE06" LOAD "DL" SF 1
COMBO "BASE06" LOAD "SDL" SF 1
COMBO "BASE06" LOAD "LL" SF 1
COMBO "BASE06" LOAD "EXP" SF 1
COMBO "BASE06" LOAD "WAN" SF 1
COMBO "BASE07" TYPE "ADD"
COMBO "BASE07" LOAD "DL" SF 1
COMBO "BASE07" LOAD "SDL" SF 1
COMBO "BASE07" LOAD "LL" SF 1
COMBO "BASE07" LOAD "EYP" SF 1
COMBO "BASE07" LOAD "WAH" SF 1
COMBO "BASE08" TYPE "ADD"
COMBO "BASE08" LOAD "DL" SF 1
COMBO "BASE08" LOAD "SDL" SF 1
COMBO "BASE08" LOAD "LL" SF 1
COMBO "BASE08" LOAD "EYP" SF 1
COMBO "BASE08" LOAD "WAN" SF 1
COMBO "BASE09" TYPE "ADD"
COMBO "BASE09" LOAD "DL" SF 1
COMBO "BASE09" LOAD "SDL" SF 1
COMBO "BASE09" LOAD "LL" SF 1
COMBO "BASE09" LOAD "EXN" SF 1
COMBO "BASE09" LOAD "WAH" SF 1
COMBO "BASE10" TYPE "ADD"
COMBO "BASE10" LOAD "DL" SF 1
COMBO "BASE10" LOAD "SDL" SF 1
COMBO "BASE10" LOAD "LL" SF 1
COMBO "BASE10" LOAD "EXN" SF 1
COMBO "BASE10" LOAD "WAN" SF 1
COMBO "BASE11" TYPE "ADD"
COMBO "BASE11" LOAD "DL" SF 1
COMBO "BASE11" LOAD "SDL" SF 1
COMBO "BASE11" LOAD "LL" SF 1
COMBO "BASE11" LOAD "EYN" SF 1
COMBO "BASE11" LOAD "WAH" SF 1
COMBO "BASE12" TYPE "ADD"
COMBO "BASE12" LOAD "DL" SF 1
COMBO "BASE12" LOAD "SDL" SF 1
COMBO "BASE12" LOAD "LL" SF 1
COMBO "BASE12" LOAD "EYN" SF 1
COMBO "BASE12" LOAD "WAN" SF 1
COMBO "BASE13" TYPE "ADD"
COMBO "BASE13" LOAD "DL" SF 1
COMBO "BASE13" LOAD "SDL" SF 1
COMBO "BASE13" LOAD "LL" SF 1
COMBO "BASE13" LOAD "EXP" SF -1
COMBO "BASE13" LOAD "WAH" SF 1
COMBO "BASE14" TYPE "ADD"
COMBO "BASE14" LOAD "DL" SF 1
COMBO "BASE14" LOAD "SDL" SF 1
COMBO "BASE14" LOAD "LL" SF 1
COMBO "BASE14" LOAD "EXP" SF -1
COMBO "BASE14" LOAD "WAN" SF 1
COMBO "BASE15" TYPE "ADD"
COMBO "BASE15" LOAD "DL" SF 1
COMBO "BASE15" LOAD "SDL" SF 1
COMBO "BASE15" LOAD "LL" SF 1
COMBO "BASE15" LOAD "EYP" SF -1
COMBO "BASE15" LOAD "WAH" SF 1
COMBO "BASE16" TYPE "ADD"
COMBO "BASE16" LOAD "DL" SF 1
COMBO "BASE16" LOAD "SDL" SF 1
COMBO "BASE16" LOAD "LL" SF 1
COMBO "BASE16" LOAD "EYP" SF -1
COMBO "BASE16" LOAD "WAN" SF 1
COMBO "BASE17" TYPE "ADD"
COMBO "BASE17" LOAD "DL" SF 1
COMBO "BASE17" LOAD "SDL" SF 1
COMBO "BASE17" LOAD "LL" SF 1
COMBO "BASE17" LOAD "EXN" SF -1
COMBO "BASE17" LOAD "WAH" SF 1
COMBO "BASE18" TYPE "ADD"
COMBO "BASE18" LOAD "DL" SF 1
COMBO "BASE18" LOAD "SDL" SF 1
COMBO "BASE18" LOAD "LL" SF 1
COMBO "BASE18" LOAD "EXN" SF -1
COMBO "BASE18" LOAD "WAN" SF 1
COMBO "BASE19" TYPE "ADD"
COMBO "BASE19" LOAD "DL" SF 1
COMBO "BASE19" LOAD "SDL" SF 1
COMBO "BASE19" LOAD "LL" SF 1
COMBO "BASE19" LOAD "EYN" SF -1
COMBO "BASE19" LOAD "WAH" SF 1
COMBO "BASE20" TYPE "ADD"
COMBO "BASE20" LOAD "DL" SF 1
COMBO "BASE20" LOAD "SDL" SF 1
COMBO "BASE20" LOAD "LL" SF 1
COMBO "BASE20" LOAD "EYN" SF -1
COMBO "BASE20" LOAD "WAN" SF 1
COMBO "BASE21" TYPE "ADD"
COMBO "BASE21" LOAD "DL" SF 1.4
COMBO "BASE21" LOAD "SDL" SF 1.4
COMBO "BASE21" LOAD "WAH" SF 1.4
COMBO "BASE22" TYPE "ADD"
COMBO "BASE22" LOAD "DL" SF 1.4
COMBO "BASE22" LOAD "SDL" SF 1.4
COMBO "BASE22" LOAD "WAN" SF 1.4
COMBO "BASE23" TYPE "ADD"
COMBO "BASE23" LOAD "DL" SF 1.2
COMBO "BASE23" LOAD "SDL" SF 1.2
COMBO "BASE23" LOAD "LL" SF 1.6
COMBO "BASE23" LOAD "WAH" SF 1.2
COMBO "BASE24" TYPE "ADD"
COMBO "BASE24" LOAD "DL" SF 1.2
COMBO "BASE24" LOAD "SDL" SF 1.2
COMBO "BASE24" LOAD "LL" SF 1.6
COMBO "BASE24" LOAD "WAN" SF 1.2
COMBO "BASE25" TYPE "ADD"
COMBO "BASE25" LOAD "DL" SF 1.2
COMBO "BASE25" LOAD "SDL" SF 1.2
COMBO "BASE25" LOAD "LL" SF 1
COMBO "BASE25" LOAD "EXP" SF 1.4
COMBO "BASE26" TYPE "ADD"
COMBO "BASE26" LOAD "DL" SF 1.2
COMBO "BASE26" LOAD "SDL" SF 1.2
COMBO "BASE26" LOAD "LL" SF 1
COMBO "BASE26" LOAD "EYP" SF 1.4
COMBO "BASE27" TYPE "ADD"
COMBO "BASE27" LOAD "DL" SF 1.2
COMBO "BASE27" LOAD "SDL" SF 1.2
COMBO "BASE27" LOAD "LL" SF 1
COMBO "BASE27" LOAD "EXN" SF 1.4
COMBO "BASE28" TYPE "ADD"
COMBO "BASE28" LOAD "DL" SF 1.2
COMBO "BASE28" LOAD "SDL" SF 1.2
COMBO "BASE28" LOAD "LL" SF 1
COMBO "BASE28" LOAD "EYN" SF 1.4
COMBO "BASE29" TYPE "ADD"
COMBO "BASE29" LOAD "DL" SF 1.2
COMBO "BASE29" LOAD "SDL" SF 1.2
COMBO "BASE29" LOAD "LL" SF 1
COMBO "BASE29" LOAD "EXP" SF -1.4
COMBO "BASE30" TYPE "ADD"
COMBO "BASE30" LOAD "DL" SF 1.2
COMBO "BASE30" LOAD "SDL" SF 1.2
COMBO "BASE30" LOAD "LL" SF 1
COMBO "BASE30" LOAD "EYP" SF -1.4
COMBO "BASE31" TYPE "ADD"
COMBO "BASE31" LOAD "DL" SF 1.2
COMBO "BASE31" LOAD "SDL" SF 1.2
COMBO "BASE31" LOAD "LL" SF 1
COMBO "BASE31" LOAD "EXN" SF -1.4
COMBO "BASE32" TYPE "ADD"
COMBO "BASE32" LOAD "DL" SF 1.2
COMBO "BASE32" LOAD "SDL" SF 1.2
COMBO "BASE32" LOAD "LL" SF 1
COMBO "BASE32" LOAD "EYN" SF -1.4
COMBO "BASE33" TYPE "ADD"
COMBO "BASE33" LOAD "DL" SF 0.9
COMBO "BASE33" LOAD "SDL" SF 0.9
COMBO "BASE33" LOAD "EXP" SF 1.4
COMBO "BASE34" TYPE "ADD"
COMBO "BASE34" LOAD "DL" SF 0.9
COMBO "BASE34" LOAD "SDL" SF 0.9
COMBO "BASE34" LOAD "EYP" SF 1.4
COMBO "BASE35" TYPE "ADD"
COMBO "BASE35" LOAD "DL" SF 0.9
COMBO "BASE35" LOAD "SDL" SF 0.9
COMBO "BASE35" LOAD "EXN" SF 1.4
COMBO "BASE36" TYPE "ADD"
COMBO "BASE36" LOAD "DL" SF 0.9
COMBO "BASE36" LOAD "SDL" SF 0.9
COMBO "BASE36" LOAD "EYN" SF 1.4
COMBO "BASE37" TYPE "ADD"
COMBO "BASE37" LOAD "DL" SF 0.9
COMBO "BASE37" LOAD "SDL" SF 0.9
COMBO "BASE37" LOAD "EXP" SF -1.4
COMBO "BASE38" TYPE "ADD"
COMBO "BASE38" LOAD "DL" SF 0.9
COMBO "BASE38" LOAD "SDL" SF 0.9
COMBO "BASE38" LOAD "EYP" SF -1.4
COMBO "BASE39" TYPE "ADD"
COMBO "BASE39" LOAD "DL" SF 0.9
COMBO "BASE39" LOAD "SDL" SF 0.9
COMBO "BASE39" LOAD "EXN" SF -1.4
COMBO "BASE40" TYPE "ADD"
COMBO "BASE40" LOAD "DL" SF 0.9
COMBO "BASE40" LOAD "SDL" SF 0.9
COMBO "BASE40" LOAD "EYN" SF -1.4
COMBO "ASD01" TYPE "ADD"
COMBO "ASD01" LOAD "DL" SF 1
COMBO "ASD01" LOAD "SDL" SF 1
COMBO "ASD01" LOAD "LL" SF 1
COMBO "ASD02" TYPE "ADD"
COMBO "ASD02" LOAD "DL" SF 1
COMBO "ASD02" LOAD "SDL" SF 1
COMBO "ASD02" LOAD "LL" SF 1
COMBO "ASD02" LOAD "EXP" SF 0.8
COMBO "ASD03" TYPE "ADD"
COMBO "ASD03" LOAD "DL" SF 1
COMBO "ASD03" LOAD "SDL" SF 1
COMBO "ASD03" LOAD "LL" SF 1
COMBO "ASD03" LOAD "EYP" SF 0.8
COMBO "ASD04" TYPE "ADD"
COMBO "ASD04" LOAD "DL" SF 1
COMBO "ASD04" LOAD "SDL" SF 1
COMBO "ASD04" LOAD "LL" SF 1
COMBO "ASD04" LOAD "EXP" SF -0.8
COMBO "ASD05" TYPE "ADD"
COMBO "ASD05" LOAD "DL" SF 1
COMBO "ASD05" LOAD "SDL" SF 1
COMBO "ASD05" LOAD "LL" SF 1
COMBO "ASD05" LOAD "EYP" SF -0.8
COMBO "ASD06" TYPE "ADD"
COMBO "ASD06" LOAD "DL" SF 1
COMBO "ASD06" LOAD "SDL" SF 1
COMBO "ASD06" LOAD "LL" SF 1
COMBO "ASD06" LOAD "WX" SF 1.25
COMBO "ASD07" TYPE "ADD"
COMBO "ASD07" LOAD "DL" SF 1
COMBO "ASD07" LOAD "SDL" SF 1
COMBO "ASD07" LOAD "LL" SF 1
COMBO "ASD07" LOAD "WY" SF 1.25
COMBO "ASD08" TYPE "ADD"
COMBO "ASD08" LOAD "DL" SF 1
COMBO "ASD08" LOAD "SDL" SF 1
COMBO "ASD08" LOAD "LL" SF 1
COMBO "ASD08" LOAD "WX" SF -1.25
COMBO "ASD09" TYPE "ADD"
COMBO "ASD09" LOAD "DL" SF 1
COMBO "ASD09" LOAD "SDL" SF 1
COMBO "ASD09" LOAD "LL" SF 1
COMBO "ASD09" LOAD "WY" SF -1.25
COMBO "ASD10" TYPE "ADD"
COMBO "ASD10" LOAD "DL" SF 0.9
COMBO "ASD10" LOAD "SDL" SF 0.9
COMBO "ASD10" LOAD "EXP" SF 0.8
COMBO "ASD11" TYPE "ADD"
COMBO "ASD11" LOAD "DL" SF 0.9
COMBO "ASD11" LOAD "SDL" SF 0.9
COMBO "ASD11" LOAD "EYP" SF 0.8
COMBO "ASD12" TYPE "ADD"
COMBO "ASD12" LOAD "DL" SF 0.9
COMBO "ASD12" LOAD "SDL" SF 0.9
COMBO "ASD12" LOAD "EXP" SF -0.8
COMBO "ASD13" TYPE "ADD"
COMBO "ASD13" LOAD "DL" SF 0.9
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COMBO "ASD13" LOAD "SDL" SF 0.9
COMBO "ASD13" LOAD "EYP" SF -0.8
COMBO "ASD14" TYPE "ADD"
COMBO "ASD14" LOAD "DL" SF 0.9
COMBO "ASD14" LOAD "SDL" SF 0.9
COMBO "ASD14" LOAD "WX" SF 1.25
COMBO "ASD15" TYPE "ADD"
COMBO "ASD15" LOAD "DL" SF 0.9
COMBO "ASD15" LOAD "SDL" SF 0.9
COMBO "ASD15" LOAD "WY" SF 1.25
COMBO "ASD16" TYPE "ADD"
COMBO "ASD16" LOAD "DL" SF 0.9
COMBO "ASD16" LOAD "SDL" SF 0.9
COMBO "ASD16" LOAD "WX" SF -1.25
COMBO "ASD17" TYPE "ADD"
COMBO "ASD17" LOAD "DL" SF 0.9
COMBO "ASD17" LOAD "SDL" SF 0.9
COMBO "ASD17" LOAD "WY" SF -1.25
COMBO "DLSDL" TYPE "ADD"
COMBO "DLSDL" LOAD "DL" SF 1
COMBO "DLSDL" LOAD "SDL" SF 1
COMBO "DSTLS1" TYPE "ADD"
COMBO "DSTLS1" LOAD "DL" SF 1.4
COMBO "DSTLS1" LOAD "SDL" SF 1.4
COMBO "DSTLS2" TYPE "ADD"
COMBO "DSTLS2" LOAD "DL" SF 1.2
COMBO "DSTLS2" LOAD "SDL" SF 1.2
COMBO "DSTLS2" LOAD "LL" SF 1.6
COMBO "DSTLS3" TYPE "ADD"
COMBO "DSTLS3" LOAD "DL" SF 1.2
COMBO "DSTLS3" LOAD "SDL" SF 1.2
COMBO "DSTLS3" LOAD "LL" SF 0.5
COMBO "DSTLS3" LOAD "WX" SF 1.3
COMBO "DSTLS4" TYPE "ADD"
COMBO "DSTLS4" LOAD "DL" SF 1.2
COMBO "DSTLS4" LOAD "SDL" SF 1.2
COMBO "DSTLS4" LOAD "LL" SF 0.5
COMBO "DSTLS4" LOAD "WX" SF -1.3
COMBO "DSTLS5" TYPE "ADD"
COMBO "DSTLS5" LOAD "DL" SF 1.2
COMBO "DSTLS5" LOAD "SDL" SF 1.2
COMBO "DSTLS5" LOAD "LL" SF 0.5
COMBO "DSTLS5" LOAD "WY" SF 1.3
COMBO "DSTLS6" TYPE "ADD"
COMBO "DSTLS6" LOAD "DL" SF 1.2
COMBO "DSTLS6" LOAD "SDL" SF 1.2
COMBO "DSTLS6" LOAD "LL" SF 0.5
COMBO "DSTLS6" LOAD "WY" SF -1.3
COMBO "DSTLS7" TYPE "ADD"
COMBO "DSTLS7" LOAD "DL" SF 1.2
COMBO "DSTLS7" LOAD "SDL" SF 1.2
COMBO "DSTLS7" LOAD "WX" SF 1.3
COMBO "DSTLS8" TYPE "ADD"
COMBO "DSTLS8" LOAD "DL" SF 1.2
COMBO "DSTLS8" LOAD "SDL" SF 1.2
COMBO "DSTLS8" LOAD "WX" SF -1.3
COMBO "DSTLS9" TYPE "ADD"
COMBO "DSTLS9" LOAD "DL" SF 1.2
COMBO "DSTLS9" LOAD "SDL" SF 1.2
COMBO "DSTLS9" LOAD "WY" SF 1.3
COMBO "DSTLS10" TYPE "ADD"
COMBO "DSTLS10" LOAD "DL" SF 1.2
COMBO "DSTLS10" LOAD "SDL" SF 1.2
COMBO "DSTLS10" LOAD "WY" SF -1.3
COMBO "DSTLS11" TYPE "ADD"
COMBO "DSTLS11" LOAD "DL" SF 0.9
COMBO "DSTLS11" LOAD "SDL" SF 0.9
COMBO "DSTLS11" LOAD "WX" SF 1.3
COMBO "DSTLS12" TYPE "ADD"
COMBO "DSTLS12" LOAD "DL" SF 0.9
COMBO "DSTLS12" LOAD "SDL" SF 0.9
COMBO "DSTLS12" LOAD "WX" SF -1.3
COMBO "DSTLS13" TYPE "ADD"
COMBO "DSTLS13" LOAD "DL" SF 0.9
COMBO "DSTLS13" LOAD "SDL" SF 0.9
COMBO "DSTLS13" LOAD "WY" SF 1.3
COMBO "DSTLS14" TYPE "ADD"
COMBO "DSTLS14" LOAD "DL" SF 0.9
COMBO "DSTLS14" LOAD "SDL" SF 0.9
COMBO "DSTLS14" LOAD "WY" SF -1.3
COMBO "DSTLS15" TYPE "ADD"
COMBO "DSTLS15" LOAD "DL" SF 1.4
COMBO "DSTLS15" LOAD "SDL" SF 1.4
COMBO "DSTLS15" LOAD "LL" SF 0.5
COMBO "DSTLS15" LOAD "EXP" SF 1.5
COMBO "DSTLS16" TYPE "ADD"
COMBO "DSTLS16" LOAD "DL" SF 1.4
COMBO "DSTLS16" LOAD "SDL" SF 1.4
COMBO "DSTLS16" LOAD "LL" SF 0.5
COMBO "DSTLS16" LOAD "EXP" SF -1.5
COMBO "DSTLS17" TYPE "ADD"
COMBO "DSTLS17" LOAD "DL" SF 1.4
COMBO "DSTLS17" LOAD "SDL" SF 1.4
COMBO "DSTLS17" LOAD "LL" SF 0.5
COMBO "DSTLS17" LOAD "EYP" SF 1.5
COMBO "DSTLS18" TYPE "ADD"
COMBO "DSTLS18" LOAD "DL" SF 1.4
COMBO "DSTLS18" LOAD "SDL" SF 1.4
COMBO "DSTLS18" LOAD "LL" SF 0.5
COMBO "DSTLS18" LOAD "EYP" SF -1.5
COMBO "DSTLS19" TYPE "ADD"
COMBO "DSTLS19" LOAD "DL" SF 1.4
COMBO "DSTLS19" LOAD "SDL" SF 1.4
COMBO "DSTLS19" LOAD "LL" SF 0.5
COMBO "DSTLS19" LOAD "EXN" SF 1.5
COMBO "DSTLS20" TYPE "ADD"
COMBO "DSTLS20" LOAD "DL" SF 1.4
COMBO "DSTLS20" LOAD "SDL" SF 1.4
COMBO "DSTLS20" LOAD "LL" SF 0.5
COMBO "DSTLS20" LOAD "EXN" SF -1.5
COMBO "DSTLS21" TYPE "ADD"
COMBO "DSTLS21" LOAD "DL" SF 1.4
COMBO "DSTLS21" LOAD "SDL" SF 1.4
COMBO "DSTLS21" LOAD "LL" SF 0.5
COMBO "DSTLS21" LOAD "EYN" SF 1.5
COMBO "DSTLS22" TYPE "ADD"
COMBO "DSTLS22" LOAD "DL" SF 1.4
COMBO "DSTLS22" LOAD "SDL" SF 1.4
COMBO "DSTLS22" LOAD "LL" SF 0.5
COMBO "DSTLS22" LOAD "EYN" SF -1.5
COMBO "DSTLS23" TYPE "ADD"
COMBO "DSTLS23" LOAD "DL" SF 1.4
COMBO "DSTLS23" LOAD "SDL" SF 1.4
COMBO "DSTLS23" LOAD "EXP" SF 1.5
COMBO "DSTLS24" TYPE "ADD"
COMBO "DSTLS24" LOAD "DL" SF 1.4
COMBO "DSTLS24" LOAD "SDL" SF 1.4
COMBO "DSTLS24" LOAD "EXP" SF -1.5
COMBO "DSTLS25" TYPE "ADD"
COMBO "DSTLS25" LOAD "DL" SF 1.4
COMBO "DSTLS25" LOAD "SDL" SF 1.4
COMBO "DSTLS25" LOAD "EYP" SF 1.5
COMBO "DSTLS26" TYPE "ADD"
COMBO "DSTLS26" LOAD "DL" SF 1.4
COMBO "DSTLS26" LOAD "SDL" SF 1.4
COMBO "DSTLS26" LOAD "EYP" SF -1.5
COMBO "DSTLS27" TYPE "ADD"
COMBO "DSTLS27" LOAD "DL" SF 1.4
COMBO "DSTLS27" LOAD "SDL" SF 1.4
COMBO "DSTLS27" LOAD "EXN" SF 1.5
COMBO "DSTLS28" TYPE "ADD"
COMBO "DSTLS28" LOAD "DL" SF 1.4
COMBO "DSTLS28" LOAD "SDL" SF 1.4
COMBO "DSTLS28" LOAD "EXN" SF -1.5
COMBO "DSTLS29" TYPE "ADD"
COMBO "DSTLS29" LOAD "DL" SF 1.4
COMBO "DSTLS29" LOAD "SDL" SF 1.4
COMBO "DSTLS29" LOAD "EYN" SF 1.5
COMBO "DSTLS30" TYPE "ADD"
COMBO "DSTLS30" LOAD "DL" SF 1.4
COMBO "DSTLS30" LOAD "SDL" SF 1.4
COMBO "DSTLS30" LOAD "EYN" SF -1.5
COMBO "DSTLS31" TYPE "ADD"
COMBO "DSTLS31" LOAD "DL" SF 0.7
COMBO "DSTLS31" LOAD "SDL" SF 0.7
COMBO "DSTLS31" LOAD "EXP" SF 1.5
COMBO "DSTLS32" TYPE "ADD"
COMBO "DSTLS32" LOAD "DL" SF 0.7
COMBO "DSTLS32" LOAD "SDL" SF 0.7
COMBO "DSTLS32" LOAD "EXP" SF -1.5
COMBO "DSTLS33" TYPE "ADD"
COMBO "DSTLS33" LOAD "DL" SF 0.7
COMBO "DSTLS33" LOAD "SDL" SF 0.7
COMBO "DSTLS33" LOAD "EYP" SF 1.5
COMBO "DSTLS34" TYPE "ADD"
COMBO "DSTLS34" LOAD "DL" SF 0.7
COMBO "DSTLS34" LOAD "SDL" SF 0.7
COMBO "DSTLS34" LOAD "EYP" SF -1.5
COMBO "DSTLS35" TYPE "ADD"
COMBO "DSTLS35" LOAD "DL" SF 0.7
COMBO "DSTLS35" LOAD "SDL" SF 0.7
COMBO "DSTLS35" LOAD "EXN" SF 1.5
COMBO "DSTLS36" TYPE "ADD"
COMBO "DSTLS36" LOAD "DL" SF 0.7
COMBO "DSTLS36" LOAD "SDL" SF 0.7
COMBO "DSTLS36" LOAD "EXN" SF -1.5
COMBO "DSTLS37" TYPE "ADD"
COMBO "DSTLS37" LOAD "DL" SF 0.7
COMBO "DSTLS37" LOAD "SDL" SF 0.7
COMBO "DSTLS37" LOAD "EYN" SF 1.5
COMBO "DSTLS38" TYPE "ADD"
COMBO "DSTLS38" LOAD "DL" SF 0.7
COMBO "DSTLS38" LOAD "SDL" SF 0.7
COMBO "DSTLS38" LOAD "EYN" SF -1.5
COMBO "DCON1" TYPE "ADD"
COMBO "DCON1" LOAD "DL" SF 1.4
COMBO "DCON1" LOAD "SDL" SF 1.4
COMBO "DCON2" TYPE "ADD"
COMBO "DCON2" LOAD "DL" SF 1.2
COMBO "DCON2" LOAD "SDL" SF 1.2
COMBO "DCON2" LOAD "LL" SF 1.6
COMBO "DCON3" TYPE "ADD"
COMBO "DCON3" LOAD "DL" SF 1.2
COMBO "DCON3" LOAD "SDL" SF 1.2
COMBO "DCON3" LOAD "LL" SF 1
COMBO "DCON3" LOAD "WX" SF 1.6
COMBO "DCON4" TYPE "ADD"
COMBO "DCON4" LOAD "DL" SF 1.2
COMBO "DCON4" LOAD "SDL" SF 1.2
COMBO "DCON4" LOAD "LL" SF 1
COMBO "DCON4" LOAD "WX" SF -1.6
COMBO "DCON5" TYPE "ADD"
COMBO "DCON5" LOAD "DL" SF 1.2
COMBO "DCON5" LOAD "SDL" SF 1.2
COMBO "DCON5" LOAD "LL" SF 1
COMBO "DCON5" LOAD "WY" SF 1.6
COMBO "DCON6" TYPE "ADD"
COMBO "DCON6" LOAD "DL" SF 1.2
COMBO "DCON6" LOAD "SDL" SF 1.2
COMBO "DCON6" LOAD "LL" SF 1
COMBO "DCON6" LOAD "WY" SF -1.6
COMBO "DCON7" TYPE "ADD"
COMBO "DCON7" LOAD "DL" SF 1.2
COMBO "DCON7" LOAD "SDL" SF 1.2
COMBO "DCON7" LOAD "WX" SF 0.8
COMBO "DCON8" TYPE "ADD"
COMBO "DCON8" LOAD "DL" SF 1.2
COMBO "DCON8" LOAD "SDL" SF 1.2
COMBO "DCON8" LOAD "WX" SF -0.8
COMBO "DCON9" TYPE "ADD"
COMBO "DCON9" LOAD "DL" SF 1.2
COMBO "DCON9" LOAD "SDL" SF 1.2
COMBO "DCON9" LOAD "WY" SF 0.8
COMBO "DCON10" TYPE "ADD"
COMBO "DCON10" LOAD "DL" SF 1.2
COMBO "DCON10" LOAD "SDL" SF 1.2
COMBO "DCON10" LOAD "WY" SF -0.8
COMBO "DCON11" TYPE "ADD"
COMBO "DCON11" LOAD "DL" SF 0.9
COMBO "DCON11" LOAD "SDL" SF 0.9
COMBO "DCON11" LOAD "WX" SF 1.6
COMBO "DCON12" TYPE "ADD"
COMBO "DCON12" LOAD "DL" SF 0.9
COMBO "DCON12" LOAD "SDL" SF 0.9
COMBO "DCON12" LOAD "WX" SF -1.6
COMBO "DCON13" TYPE "ADD"
COMBO "DCON13" LOAD "DL" SF 0.9
COMBO "DCON13" LOAD "SDL" SF 0.9
COMBO "DCON13" LOAD "WY" SF 1.6
COMBO "DCON14" TYPE "ADD"
COMBO "DCON14" LOAD "DL" SF 0.9
COMBO "DCON14" LOAD "SDL" SF 0.9
COMBO "DCON14" LOAD "WY" SF -1.6
COMBO "DCON15" TYPE "ADD"
COMBO "DCON15" LOAD "DL" SF 1.4
COMBO "DCON15" LOAD "SDL" SF 1.4
COMBO "DCON15" LOAD "LL" SF 1
COMBO "DCON15" LOAD "EXP" SF 1.5
COMBO "DCON16" TYPE "ADD"
COMBO "DCON16" LOAD "DL" SF 1.4
COMBO "DCON16" LOAD "SDL" SF 1.4
COMBO "DCON16" LOAD "LL" SF 1
COMBO "DCON16" LOAD "EXP" SF -1.5
COMBO "DCON17" TYPE "ADD"
COMBO "DCON17" LOAD "DL" SF 1.4
COMBO "DCON17" LOAD "SDL" SF 1.4
COMBO "DCON17" LOAD "LL" SF 1
COMBO "DCON17" LOAD "EYP" SF 1.5
COMBO "DCON18" TYPE "ADD"
COMBO "DCON18" LOAD "DL" SF 1.4
COMBO "DCON18" LOAD "SDL" SF 1.4
COMBO "DCON18" LOAD "LL" SF 1
COMBO "DCON18" LOAD "EYP" SF -1.5
COMBO "DCON19" TYPE "ADD"
COMBO "DCON19" LOAD "DL" SF 1.4
COMBO "DCON19" LOAD "SDL" SF 1.4
COMBO "DCON19" LOAD "LL" SF 1
COMBO "DCON19" LOAD "EXN" SF 1.5
COMBO "DCON20" TYPE "ADD"
COMBO "DCON20" LOAD "DL" SF 1.4
COMBO "DCON20" LOAD "SDL" SF 1.4
COMBO "DCON20" LOAD "LL" SF 1
COMBO "DCON20" LOAD "EXN" SF -1.5
COMBO "DCON21" TYPE "ADD"
COMBO "DCON21" LOAD "DL" SF 1.4
COMBO "DCON21" LOAD "SDL" SF 1.4
COMBO "DCON21" LOAD "LL" SF 1
COMBO "DCON21" LOAD "EYN" SF 1.5
COMBO "DCON22" TYPE "ADD"
COMBO "DCON22" LOAD "DL" SF 1.4
COMBO "DCON22" LOAD "SDL" SF 1.4
COMBO "DCON22" LOAD "LL" SF 1
COMBO "DCON22" LOAD "EYN" SF -1.5
COMBO "DCON23" TYPE "ADD"
COMBO "DCON23" LOAD "DL" SF 1.4
COMBO "DCON23" LOAD "SDL" SF 1.4
COMBO "DCON23" LOAD "EXP" SF 1.5
COMBO "DCON24" TYPE "ADD"
COMBO "DCON24" LOAD "DL" SF 1.4
COMBO "DCON24" LOAD "SDL" SF 1.4
COMBO "DCON24" LOAD "EXP" SF -1.5
COMBO "DCON25" TYPE "ADD"
COMBO "DCON25" LOAD "DL" SF 1.4
COMBO "DCON25" LOAD "SDL" SF 1.4
COMBO "DCON25" LOAD "EYP" SF 1.5
COMBO "DCON26" TYPE "ADD"
COMBO "DCON26" LOAD "DL" SF 1.4
COMBO "DCON26" LOAD "SDL" SF 1.4
COMBO "DCON26" LOAD "EYP" SF -1.5
COMBO "DCON27" TYPE "ADD"
COMBO "DCON27" LOAD "DL" SF 1.4
COMBO "DCON27" LOAD "SDL" SF 1.4
COMBO "DCON27" LOAD "EXN" SF 1.5
COMBO "DCON28" TYPE "ADD"
COMBO "DCON28" LOAD "DL" SF 1.4
COMBO "DCON28" LOAD "SDL" SF 1.4
COMBO "DCON28" LOAD "EXN" SF -1.5
COMBO "DCON29" TYPE "ADD"
COMBO "DCON29" LOAD "DL" SF 1.4
COMBO "DCON29" LOAD "SDL" SF 1.4
COMBO "DCON29" LOAD "EYN" SF 1.5
COMBO "DCON30" TYPE "ADD"
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  COMBO "DCON30"  LOAD "DL"  SF 1.4
  COMBO "DCON30"  LOAD "SDL"  SF 1.4
  COMBO "DCON30"  LOAD "EYN"  SF -1.5
  COMBO "DCON31"  TYPE "ADD"
  COMBO "DCON31"  LOAD "DL"  SF 0.7
  COMBO "DCON31"  LOAD "SDL"  SF 0.7
  COMBO "DCON31"  LOAD "EXP"  SF 1.5
  COMBO "DCON32"  TYPE "ADD"
  COMBO "DCON32"  LOAD "DL"  SF 0.7
  COMBO "DCON32"  LOAD "SDL"  SF 0.7
  COMBO "DCON32"  LOAD "EXP"  SF -1.5
  COMBO "DCON33"  TYPE "ADD"
  COMBO "DCON33"  LOAD "DL"  SF 0.7
  COMBO "DCON33"  LOAD "SDL"  SF 0.7
  COMBO "DCON33"  LOAD "EYP"  SF 1.5
  COMBO "DCON34"  TYPE "ADD"
  COMBO "DCON34"  LOAD "DL"  SF 0.7
  COMBO "DCON34"  LOAD "SDL"  SF 0.7
  COMBO "DCON34"  LOAD "EYP"  SF -1.5
  COMBO "DCON35"  TYPE "ADD"
  COMBO "DCON35"  LOAD "DL"  SF 0.7
  COMBO "DCON35"  LOAD "SDL"  SF 0.7
  COMBO "DCON35"  LOAD "EXN"  SF 1.5
  COMBO "DCON36"  TYPE "ADD"
  COMBO "DCON36"  LOAD "DL"  SF 0.7
  COMBO "DCON36"  LOAD "SDL"  SF 0.7
  COMBO "DCON36"  LOAD "EXN"  SF -1.5
  COMBO "DCON37"  TYPE "ADD"
  COMBO "DCON37"  LOAD "DL"  SF 0.7
  COMBO "DCON37"  LOAD "SDL"  SF 0.7
  COMBO "DCON37"  LOAD "EYN"  SF 1.5
  COMBO "DCON38"  TYPE "ADD"
  COMBO "DCON38"  LOAD "DL"  SF 0.7
  COMBO "DCON38"  LOAD "SDL"  SF 0.7
  COMBO "DCON38"  LOAD "EYN"  SF -1.5

$ STEEL DESIGN PREFERENCES
  STEELPREFERENCE  CODE "AISC-LRFD93"  THDESIGN "EVERYSTEP"  FRAMETYPE "MOMENT FRAME"
  STEELPREFERENCE  PHIBLRFD 0.9 PHICLRFD 0.85 PHITLRFD 0.9 PHIVLRFD 0.9 PHICANGLELRFD 0.9
  STEELPREFERENCE  PHIBLRFD 0.9 PHICLRFD 0.85 PHITLRFD 0.9 PHIVLRFD 0.9 PHICANGLELRFD 0.9
  STEELPREFERENCE  CONSIDERDEFLECTION "NO"  RELATIVEDEFLECTION "RATIO"
  STEELPREFERENCE  DLDEFLECTIONLIMIT 120 SLDEFLECTIONLIMIT 120 LLDEFLECTIONLIMIT 360 TLDEFLECTIONLIMIT 240 TLMCDEFLECTIONLIMIT
  STEELPREFERENCE  DLDEFLECTIONLIMITABS 2.54 SLDEFLECTIONLIMITABS 2.54 LLDEFLECTIONLIMITABS 2.54 TLDEFLECTIONLIMITABS 2.54
  STEELPREFERENCE  CALCULATECAMBER "NO"  PERCENTCAMBERWDL 1 CAMBERRELMAXLIMIT 180 CAMBERIGNORELIMIT 1.905
  STEELPREFERENCE  CAMBERABSMAXLIMIT 10.16 CAMBERINTERVAL 0.635 CAMBERROUNDDOWN "YES"
  STEELPREFERENCE  PATTERNLLF 0.75 MAXITERATION 1 SRLIMIT 1.05

$ CONCRETE DESIGN PREFERENCES
  CONCRETEPREFERENCE  CODE "ACI 318-02"  THDESIGN "EVERYSTEP"  CONSIDERMINECCENTRICITY "YES"
  CONCRETEPREFERENCE  NUMINTERCURVES 24  NUMINTERPOINTS 11  PATTERNLLF 0.75  UFLIMIT 1
  CONCRETEPREFERENCE  SDC "D"  PHITENSIONCTRL 0.9  PHICOMPRESSIONCTRLTIED 0.65  PHICOMPRESSIONCTRLSPIRAL 0.7  PHISHEARTORSION

$ COMPOSITE DESIGN PREFERENCES
  COMPOSITEPREFERENCE  CODE "AISC-LRFD93"
  COMPOSITEPREFERENCE  PHI-B 0.9  PHI-BCNE 0.9  PHI-BCNP 0.85  PHI-BCPE 0.9  PHI-BCPP 0.85  PHI-V 0.9
  COMPOSITEPREFERENCE  SHORED "NO"  %MIDDLERANGE 70  PATTERNLLF 0.75  SRLIMIT 1  SINGLESEGMENT "NO"  STUDINCREASEFACTOR 1
  COMPOSITEPREFERENCE  DLLIMIT 0  SLLIMIT 240  LLLIMIT 360  TLLIMIT 240  CREEPFACTOR 1
  COMPOSITEPREFERENCE  %DLCAMBER 100  CAMBERIGNORE 1.905  CAMBERABSMAX 10.16  CAMBERRELMAX 180  CAMBERINTERVAL 0.635
  COMPOSITEPREFERENCE  %VIBLL 25  CONSIDERFREQ "NO"  MINFREQ 8  CONSIDERDAMP "NO"  %INHERENTDAMP 4
  COMPOSITEPREFERENCE  OPTIMIZEPRICE "NO"  CONNECTORPRICE 0  CAMBERPRICE 0

$ WALL DESIGN PREFERENCES
  WALLPREFERENCE  CODE "UBC97"  THDESIGN "EVERYSTEP"
  WALLPREFERENCE  REBARUNITS "in^2"  REBARLENGTHUNITS "in^2/ft"
  WALLPREFERENCE  PHI-B 0.9  PHI-C 0.7  PHI-VNS 0.85  PHI-VS 0.6  PMAXFACTOR 0.8
  WALLPREFERENCE  NUMCURVES 24  NUMPOINTS 11
  WALLPREFERENCE  PTMAX 0.06  PCMAX 0.04  IPMAX 0.02  IPMIN 0.0025
  WALLPREFERENCE  UFLIMIT 0.95

$ DIMENSION LINES

$ LOG
  STARTCOMMENTS
ETABS Display 9.5.0 File imported from  E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.$ET at  2022/8/4 上午 11:12:12
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 上午 11:22:48
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:39:27
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:40:26
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:41:18
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:42:28
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:44:15
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:47:36
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:49:25
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:50:36
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:51:35
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:51:47
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:56:02
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:25:15
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:25:38
ETABS Display 9.5.0 File imported from  E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.$ET at  2022/8/4 下午 09:25:46
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:25:53
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:28:29
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:28:41
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:29:08
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:31:27
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:31:36
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 06:29:31
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 09:05:27
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 09:20:11
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 09:22:00
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 09:25:18
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 09:26:44
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 09:27:24
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 10:06:51
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 10:25:48
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 10:27:53
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/11 下午 08:30:33
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/11 下午 09:30:32
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/11 下午 09:36:54
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/11 下午 09:43:40
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/11 下午 11:21:16
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/12 上午 09:41:04
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/12 上午 09:41:46
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/12 上午 09:44:47
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/12 上午 09:44:54
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/12 上午 09:45:32
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/12 上午 09:52:33
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/12 上午 10:30:57
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/13 上午 11:29:22
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/13 上午 11:29:39
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/13 上午 11:30:29
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/13 上午 11:37:47
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/13 上午 11:38:31
ETABS Display 9.5.0 File imported from  E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.$ET at  2022/8/13 上午 11:38:42
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/13 上午 11:38:45
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/13 上午 11:40:17
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/13 上午 11:41:38
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/13 上午 11:46:41
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/13 上午 11:46:54
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/13 下午 01:06:43
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/14 下午 09:55:13
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/14 下午 09:55:31
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/14 下午 10:02:05
  ENDCOMMENTS

  END
$ END OF MODEL FILE
```

S T E E L C O D E P R E F E R E N C E S

Steel Design Code : AISC-LRFD93

Time History Type : Step-by-Step
Frame Type : Moment Frame
Phi(Bending) : 0.9
Phi(Compression) : 0.85
Phi(Tension) : 0.9
Phi(Shear) : 0.9
Phi(Compression, Angle) : 0.9
Consider Deflection? : No
Deflection Check Type : Ratio
DL Limit, L / : 120
Super DL+LL Limit, L / : 120
Live Load Limit, L / : 360
Total Load Limit, L / : 240
Total--Camber Limit, L/ : 240
DL Limit, abs : 2.54
Super DL+LL Limit, abs : 2.54
Live Load Limit, abs : 2.54
Total Load Limit, abs : 2.54
Total--Camber Limit, abs : 2.54
Pattern Live Load Factor : 0.75
Stress Ratio Limit : 1.05
Maximum Auto Iteration : 1

C O L U M N S T E E L S T R E S S C H E C K E L E M E N T I N F O R M A T I O N (AISC-LRFD93)

STORY LEVEL	COLUMN LINE	ID	SECTION TYPE	FRAMING FACTOR	RLLF MAJOR	L_RATIO MINOR	L_RATIO MAJOR	K MINOR	K
2F	C35	U100X100X2.0	MOMENT	1.000	0.962	0.791	1.914	2.078	
PRF	C36	U100X100X2.0	MOMENT	1.000	0.633	0.633	4.125	1.000	
2F	C36	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.850	1.000	
2F	C37	U100X100X2.0	MOMENT	1.000	0.962	0.791	1.914	2.078	
2F	C39	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.000	1.000	
2F	C40	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.000	1.000	
PRF	C35-1	U100X100X2.0	MOMENT	1.000	0.952	0.952	2.669	3.646	
PRF	C37-1	U100X100X2.0	MOMENT	1.000	0.952	0.952	2.669	3.646	
PRF	C39-1	U100X100X2.0	MOMENT	1.000	1.000	0.844	4.494	1.000	
PRF	C40-1	U100X100X2.0	MOMENT	1.000	1.000	0.821	1.000	1.000	
2F	C41-1	U100X100X2.0	MOMENT	1.000	0.951	0.951	1.000	1.000	
2F	C42-1	U100X100X2.0	MOMENT	1.000	0.951	0.951	1.000	1.000	
2F	C43	U100X100X2.0	MOMENT	1.000	0.962	0.791	1.723	2.078	
PRF	C43-1	U100X100X2.0	MOMENT	1.000	0.952	0.952	2.040	3.646	
PRF	C44	U100X100X2.0	MOMENT	1.000	0.633	0.633	4.125	1.000	
2F	C44	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.850	1.000	
2F	C45	U100X100X2.0	MOMENT	1.000	0.962	0.791	1.723	2.078	
PRF	C45-1	U100X100X2.0	MOMENT	1.000	0.952	0.952	2.040	3.646	
2F	C46	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.909	1.000	
PRF	C46-1	U100X100X2.0	MOMENT	1.000	1.000	0.844	4.494	1.000	
2F	C47	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.905	1.000	
PRF	C47-1	U100X100X2.0	MOMENT	1.000	0.960	0.821	2.577	1.000	
2F	C92-1	U100X100X2.0	MOMENT	1.000	0.951	0.951	1.000	1.000	
2F	C94-1	U100X100X2.0	MOMENT	1.000	0.951	0.951	1.000	1.000	
2F	C48	U100X100X2.0	MOMENT	1.000	0.962	0.791	1.723	2.078	
PRF	C48-1	U100X100X2.0	MOMENT	1.000	0.952	0.952	2.040	3.646	
2F	C50	U100X100X2.0	MOMENT	1.000	0.962	0.791	1.723	2.078	
PRF	C50-1	U100X100X2.0	MOMENT	1.000	0.952	0.952	2.040	3.646	
2F	C51	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.909	1.000	
PRF	C51-1	U100X100X2.0	MOMENT	1.000	1.000	0.844	4.494	1.000	
2F	C52	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.905	1.000	
PRF	C52-1	U100X100X2.0	MOMENT	1.000	0.960	0.821	2.577	1.000	
2F	C105-1	U100X100X2.0	MOMENT	1.000	0.951	0.951	1.000	1.000	
2F	C107-1	U100X100X2.0	MOMENT	1.000	0.951	0.951	1.000	1.000	
2F	C53	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.859	1.000	
PRF	C53-1	U100X100X2.0	MOMENT	1.000	0.680	0.680	4.178	1.000	
PRF	C113-2	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
2F	C54	U100X100X2.0	MOMENT	1.000	0.962	0.791	1.914	2.078	
PRF	C54-1	U100X100X2.0	MOMENT	1.000	0.952	0.952	2.669	3.646	
2F	C55	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.859	1.000	
PRF	C55-1	U100X100X2.0	MOMENT	1.000	0.680	0.680	4.178	1.000	
2F	C56	U100X100X2.0	MOMENT	1.000	0.962	0.791	1.914	2.078	
PRF	C56-1	U100X100X2.0	MOMENT	1.000	0.952	0.952	2.669	3.646	
2F	C57	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.000	1.000	
PRF	C57-1	U100X100X2.0	MOMENT	1.000	1.000	0.844	1.000	1.000	
2F	C58	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.000	1.000	
PRF	C58-1	U100X100X2.0	MOMENT	1.000	1.000	0.821	1.000	1.000	
2F	C126-1	U100X100X2.0	MOMENT	1.000	0.951	0.951	1.000	1.000	
2F	C128-1	U100X100X2.0	MOMENT	1.000	0.951	0.951	1.000	1.000	
PRF	C130-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
2F	C59	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
PRF	C59-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
2F	C60	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
PRF	C60-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
2F	C61	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
PRF	C61-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
2F	C62	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
PRF	C62-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
PRF	C63	U100X100X2.0	MOMENT	1.000	0.633	1.000	1.000	1.000	
2F	C63	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
PRF	C64	U100X100X2.0	MOMENT	1.000	0.633	1.000	1.000	1.000	
2F	C64	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
2F	C65	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
PRF	C65-1	U100X100X2.0	MOMENT	1.000	0.680	1.000	1.000	1.000	
2F	C66	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
PRF	C66-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
2F	C67	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
PRF	C67-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
2F	C68	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
PRF	C68-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
2F	C69	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
PRF	C69-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
2F	C72	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
PRF	C72-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
2F	C73	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	
PRF	C73-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000	

B E A M S T E E L S T R E S S C H E C K E L E M E N T I N F O R M A T I O N (AISC-LRFD93)

STORY LEVEL	BEAM BAY	SECTION ID	FRAMING TYPE	RLLF FACTOR	L_RATIO MAJOR	L_RATIO MINOR	K MAJOR	K MINOR
2F	B136	2SC125X50X20	MOMENT	1.000	0.679	0.974	1.000	1.000
2F	B137	2SC125X50X20	MOMENT	1.000	0.429	0.976	1.000	1.000
2F	B138	2SC125X50X20	MOMENT	1.000	0.679	0.974	1.000	1.000
PRF	B139	C125X50X20X2	MOMENT	1.000	0.385	0.974	1.000	1.000
2F	B139	2SC125X50X20	MOMENT	1.000	0.385	0.974	1.000	1.000
PRF	B140	C125X50X20X2	MOMENT	1.000	0.988	0.988	1.000	1.000
2F	B140	2SC125X50X20	MOMENT	1.000	0.988	0.988	1.000	1.000
2F	B143	2SC125X50X20	MOMENT	1.000	0.679	0.974	1.000	1.000
2F	B146	2SC125X50X20	MOMENT	1.000	0.679	0.974	1.000	1.000
2F	B147	2SC125X50X20	MOMENT	1.000	0.976	0.976	1.000	1.000
2F	B148	2SC125X50X20	MOMENT	1.000	0.679	0.974	1.000	1.000
2F	B151	2SC125X50X20	MOMENT	1.000	0.500	0.976	1.000	1.000
2F	B153	2SC125X50X20	MOMENT	1.000	0.341	9.4E-02	1.000	1.000
PRF	B154	2SC125X50X20	MOMENT	1.000	0.341	0.493	1.000	1.000
PRF	B157	2SC125X50X20	MOMENT	1.000	0.341	0.493	1.000	1.000
2F	B158	2SC125X50X20	MOMENT	1.000	0.341	9.4E-02	1.000	1.000
PRF	B159	2SC125X50X20	MOMENT	1.000	0.247	0.493	1.000	1.000
2F	B160	2SC125X50X20	MOMENT	1.000	0.406	9.4E-02	1.000	1.000
2F	B162	2SC125X50X20	MOMENT	1.000	0.967	0.967	1.000	1.000
2F	B167	2SC125X50X20	MOMENT	1.000	0.967	0.967	1.000	1.000
2F	B168	2SC125X50X20	MOMENT	1.000	0.967	0.967	1.000	1.000
2F	B169	2SC125X50X20	MOMENT	1.000	0.967	0.967	1.000	1.000
2F	B170	2SC125X50X20	MOMENT	1.000	0.967	0.967	1.000	1.000
2F	B171	2SC125X50X20	MOMENT	1.000	0.967	0.967	1.000	1.000
PRF	B174	2SC125X50X20	MOMENT	1.000	0.247	0.587	1.000	1.000
2F	B175	2SC125X50X20	MOMENT	1.000	0.406	9.4E-02	1.000	1.000
2F	B176	2SC125X50X20	MOMENT	1.000	0.967	0.967	1.000	1.000
2F	B177	2SC125X50X20	MOMENT	1.000	0.967	0.967	1.000	1.000
PRF	B181	2SC125X50X20	MOMENT	1.000	0.500	0.976	1.000	1.000
PRF	B182	2SC125X50X20	MOMENT	1.000	0.385	1.000	1.000	1.000
PRF	B183	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B183	2SC125X50X20	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B185	2SC125X50X20	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B186	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B187	Z125X50X20X2	MOMENT	1.000	0.988	0.988	1.000	1.000
PRF	B188	2SC125X50X20	MOMENT	1.000	0.692	1.000	1.000	1.000
PRF	B189	2SC125X50X20	MOMENT	1.000	0.679	0.974	1.000	1.000
PRF	B190	2SC125X50X20	MOMENT	1.000	0.429	0.976	1.000	1.000
PRF	B191	2SC125X50X20	MOMENT	1.000	0.679	0.974	1.000	1.000
2F	B192	2SC125X50X20	MOMENT	1.000	0.429	0.976	1.000	1.000
2F	B193	C125X50X20X2	MOMENT	1.000	0.974	0.974	1.000	1.000
2F	B194	C125X50X20X2	MOMENT	1.000	0.974	0.974	1.000	1.000
2F	B195	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B196	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B197	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B198	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B199	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B200	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B201	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B202	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B203	Z125X50X20X2	MOMENT	1.000	0.974	0.974	1.000	1.000
2F	B206	Z125X50X20X2	MOMENT	1.000	0.974	0.974	1.000	1.000
2F	B210	C125X50X20X2	MOMENT	1.000	0.974	0.974	1.000	1.000
2F	B211	C125X50X20X2	MOMENT	1.000	0.976	0.976	1.000	1.000
2F	B212	C125X50X20X2	MOMENT	1.000	0.974	0.974	1.000	1.000
2F	B213	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B214	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B215	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B216	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B217	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B218	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B222	C125X50X20X2	MOMENT	1.000	0.974	0.974	1.000	1.000
2F	B223	C125X50X20X2	MOMENT	1.000	0.976	0.976	1.000	1.000
2F	B224	C125X50X20X2	MOMENT	1.000	0.974	0.974	1.000	1.000
2F	B225	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B226	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B227	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B228	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B229	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B230	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B231	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B232	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B233	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B234	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B236	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B237	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B239	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B240	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B242	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B243	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B244	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B245	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B259	2SC125X50X20	MOMENT	1.000	0.679	0.974	1.000	1.000
PRF	B260	2SC125X50X20	MOMENT	1.000	0.976	0.976	1.000	1.000
PRF	B261	2SC125X50X20	MOMENT	1.000	0.679	0.974	1.000	1.000
PRF	B262	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B263	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B264	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B265	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B266	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B267	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B268	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B269	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B270	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B271	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B272	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B273	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B274	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B275	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B276	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B277	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B278	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B279	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B280	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B281	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B282	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B283	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B284	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B285	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B286	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B287	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B288	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B289	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B290	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B291	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B292	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B293	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B294	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B295	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B296	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B297	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000

B R A C E S T E E L S T R E S S C H E C K E L E M E N T I N F O R M A T I O N (AISC-LRFD93)

STORY LEVEL	BRACE BAY	SECTION ID	FRAMING TYPE	RLLF FACTOR	L_RATIO MAJOR	L_RATIO MINOR	K MAJOR	K MINOR
PRF	D55	2SC125X50X20	MOMENT	1.000	0.625	0.143	1.000	1.000
PRF	D56	2SC125X50X20	MOMENT	1.000	0.682	0.143	1.000	1.000
2F	D57	2SC125X50X20	MOMENT	1.000	1.000	0.333	1.000	1.000
2F	D58	2SC125X50X20	MOMENT	1.000	1.000	0.333	1.000	1.000
2F	D59	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D60	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D61	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D62	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D63	2SC125X50X20	MOMENT	1.000	0.625	0.143	1.000	1.000
PRF	D64	2SC125X50X20	MOMENT	1.000	0.682	0.143	1.000	1.000
2F	D65	2SC125X50X20	MOMENT	1.000	1.000	0.333	1.000	1.000
2F	D66	2SC125X50X20	MOMENT	1.000	1.000	0.333	1.000	1.000
2F	D67	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D68	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D69	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D70	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D71	2SC125X50X20	MOMENT	1.000	0.437	0.143	1.000	1.000
PRF	D72	2SC125X50X20	MOMENT	1.000	0.494	0.143	1.000	1.000
2F	D73	2SC125X50X20	MOMENT	1.000	1.000	0.333	1.000	1.000
2F	D74	2SC125X50X20	MOMENT	1.000	1.000	0.333	1.000	1.000
2F	D75	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D76	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D77	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D78	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D79	2SC125X50X20	MOMENT	1.000	0.437	0.143	1.000	1.000
PRF	D80	2SC125X50X20	MOMENT	1.000	0.494	0.143	1.000	1.000
2F	D81	2SC125X50X20	MOMENT	1.000	1.000	0.333	1.000	1.000
2F	D82	2SC125X50X20	MOMENT	1.000	1.000	0.333	1.000	1.000
2F	D83	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D84	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D85	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D86	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D87	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D88	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D89	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D90	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D91	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D92	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D93	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D94	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D95	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D96	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D97	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D98	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D99	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D100	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000

C O L U M N S T E E L S T R E S S C H E C K O U T P U T (AISC-LRFD93)

STORY LEVEL	COLUMN LINE	SECTION ID	/---------MOMENT INTERACTION CHECK---------/ COMBO	RATIO = AXL + B33 + B22 COMBO	RATIO	/----SHEAR22---//----SHEAR33---/ COMBO	RATIO
2F	C35	U100X100X2.0				02RC67	0.129 02RC68 0.144
			02RC11(C)	0.060 = 0.022 + 0.034 + 0.003			
			02RC72(T)	0.227 = 0.038 + 0.009 + 0.179			
PRF	C36	U100X100X2.0				02RC71	0.013 02RC72 0.013
			02RC68(C)	0.092 = 0.049 + 0.002 + 0.040			
			02RC71(T)	0.066 = 0.012 + 0.053 + 0.001			
2F	C36	U100X100X2.0				02RC71	0.010 02RC72 0.019

02RC68(C) 0.112 = 0.019 + 0.002 + 0.091
02RC71(T) 0.123 = 0.055 + 0.063 + 0.005
2F C37 U100X100X2.0 02RC67 0.118 02RC72 0.145
02RC68(C) 0.252 = 0.068 + 0.006 + 0.178
02RC71(T) 0.169 = 0.035 + 0.124 + 0.010
2F C39 U100X100X2.0 02RC71 0.011 02RC68 0.023
02RC15(C) 0.046 = 0.022 + 0.017 + 0.007
02RC72(T) 0.113 = 0.013 + 0.002 + 0.098
2F C40 U100X100X2.0 02RC71 0.011 02RC72 0.020
02RC68(C) 0.144 = 0.049 + 0.004 + 0.090
02RC71(T) 0.107 = 0.032 + 0.068 + 0.007
PRF C35-1 U100X100X2.0 02RC71 0.006 02RC72 0.010
02RC68(C) 0.052 = 0.012 + 0.008 + 0.031
02RC71(T) 0.037 = 0.013 + 0.023 + 0.002
PRF C37-1 U100X100X2.0 02RC71 0.005 02RC68 0.011
02RC68(C) 0.066 = 0.027 + 0.002 + 0.037
02RC71(T) 0.033 = 0.012 + 0.021 + 0.000
PRF C39-1 U100X100X2.0 02RC67 0.003 02RC72 0.041
02RC68(C) 0.086 = 0.026 + 0.000 + 0.059
02RC67(T) 0.053 = 0.018 + 0.017 + 0.018
PRF C40-1 U100X100X2.0 02RC67 0.003 02RC72 0.044
02RC17(C) 0.032 = 0.009 + 0.002 + 0.021
02RC72(T) 0.058 = 0.007 + 0.000 + 0.051
2F C41-1 U100X100X2.0 02RC71 0.016 02RC72 0.047
02RC17(C) 0.036 = 0.007 + 0.001 + 0.029
02RC72(T) 0.180 = 0.007 + 0.010 + 0.163
2F C42-1 U100X100X2.0 02RC71 0.014 02RC72 0.048
02RC68(C) 0.188 = 0.021 + 0.004 + 0.164
02RC71(T) 0.111 = 0.016 + 0.083 + 0.013
2F C43 U100X100X2.0 02RC67 0.123 02RC68 0.119
02RC02(C) 0.067 = 0.025 + 0.027 + 0.015
02RC72(T) 0.233 = 0.053 + 0.009 + 0.171
PRF C43-1 U100X100X2.0 02RC71 0.017 02RC72 0.011
02RC68(C) 0.079 = 0.020 + 0.020 + 0.039
02RC71(T) 0.087 = 0.019 + 0.058 + 0.009
PRF C44 U100X100X2.0 02RC71 0.010 02RC72 0.015
02RC68(C) 0.258 = 0.220 + 0.001 + 0.036
02RC71(T) 0.100 = 0.056 + 0.043 + 0.000
2F C44 U100X100X2.0 02RC71 0.010 02RC72 0.017
02RC68(C) 0.132 = 0.035 + 0.011 + 0.085
02RC44(T) 0.028 = 0.009 + 0.018 + 0.001
2F C45 U100X100X2.0 02RC71 0.091 02RC72 0.119
02RC68(C) 0.358 = 0.203 + 0.005 + 0.151
02RC71(T) 0.140 = 0.015 + 0.123 + 0.002
PRF C45-1 U100X100X2.0 02RC67 0.010 02RC68 0.013
02RC68(C) 0.128 = 0.060 + 0.021 + 0.047
02RC71(T) 0.056 = 0.015 + 0.039 + 0.002
2F C46 U100X100X2.0 02RC67 0.013 02RC68 0.026
02RC68(C) 0.146 = 0.037 + 0.002 + 0.107
02RC71(T) 0.095 = 0.024 + 0.069 + 0.002
PRF C46-1 U100X100X2.0 02RC71 0.001 02RC68 0.043
02RC68(C) 0.450 = 0.393 + 0.000 + 0.057
02RC67(T) 0.067 = 0.020 + 0.003 + 0.044
2F C47 U100X100X2.0 02RC67 0.013 02RC72 0.018
02RC68(C) 0.150 = 0.071 + 0.000 + 0.078
02RC71(T) 0.103 = 0.027 + 0.072 + 0.004
PRF C47-1 U100X100X2.0 02RC07 0.003 02RC72 0.052
02RC02(C) 0.074 = 0.021 + 0.009 + 0.044
02RC67(T) 0.058 = 0.021 + 0.004 + 0.033
2F C92-1 U100X100X2.0 02RC71 0.015 02RC72 0.046
02RC68(C) 0.164 = 0.000 + 0.009 + 0.155
02RC72(T) 0.170 = 0.005 + 0.009 + 0.157
2F C94-1 U100X100X2.0 02RC71 0.013 02RC68 0.048
02RC68(C) 0.199 = 0.033 + 0.006 + 0.160
02RC71(T) 0.105 = 0.020 + 0.079 + 0.005
2F C48 U100X100X2.0 02RC71 0.099 02RC68 0.112
02RC13(C) 0.068 = 0.036 + 0.003 + 0.029
02RC72(T) 0.220 = 0.049 + 0.009 + 0.162
PRF C48-1 U100X100X2.0 02RC07 0.008 02RC68 0.010
02RC68(C) 0.081 = 0.027 + 0.015 + 0.040
02RC67(T) 0.059 = 0.014 + 0.043 + 0.001
2F C50 U100X100X2.0 02RC67 0.102 02RC72 0.112
02RC68(C) 0.262 = 0.096 + 0.006 + 0.160
02RC71(T) 0.141 = 0.012 + 0.123 + 0.006
PRF C50-1 U100X100X2.0 02RC71 0.016 02RC68 0.013
02RC68(C) 0.120 = 0.054 + 0.019 + 0.047
02RC71(T) 0.076 = 0.017 + 0.050 + 0.009
2F C51 U100X100X2.0 02RC71 0.013 02RC68 0.021
02RC68(C) 0.125 = 0.031 + 0.002 + 0.092
02RC71(T) 0.099 = 0.026 + 0.071 + 0.003
PRF C51-1 U100X100X2.0 02RC67 0.001 02RC72 0.042
02RC68(C) 0.411 = 0.362 + 0.000 + 0.049
02RC71(T) 0.059 = 0.030 + 0.006 + 0.023
2F C52 U100X100X2.0 02RC71 0.015 02RC02 0.016
02RC68(C) 0.147 = 0.080 + 0.008 + 0.059
02RC71(T) 0.111 = 0.032 + 0.078 + 0.001
PRF C52-1 U100X100X2.0 02RC71 0.007 02RC72 0.058
02RC02(C) 0.126 = 0.022 + 0.011 + 0.092
02RC67(T) 0.101 = 0.033 + 0.010 + 0.058
2F C105-1 U100X100X2.0 02RC71 0.015 02RC72 0.043
02RC68(C) 0.156 = 0.001 + 0.009 + 0.146
02RC72(T) 0.160 = 0.004 + 0.008 + 0.148
2F C107-1 U100X100X2.0 02RC71 0.013 02RC68 0.045
02RC68(C) 0.190 = 0.032 + 0.006 + 0.151
02RC71(T) 0.100 = 0.020 + 0.079 + 0.002
2F C53 U100X100X2.0 02RC67 0.010 02RC68 0.025
02RC68(C) 0.141 = 0.038 + 0.000 + 0.103
02RC67(T) 0.132 = 0.047 + 0.062 + 0.023
PRF C53-1 U100X100X2.0 02RC71 0.018 02RC68 0.020
02RC68(C) 0.273 = 0.234 + 0.003 + 0.036
02RC71(T) 0.111 = 0.035 + 0.056 + 0.020
PRF C113-2 U100X100X2.0 02RC67 0.000 02RC68 0.007
02RC68(C) 0.016 = 0.002 + 0.000 + 0.013
02RC67(T) 0.008 = 0.002 + 0.000 + 0.006
2F C54 U100X100X2.0 02RC71 0.128 02RC68 0.124
02RC67(C) 0.191 = 0.044 + 0.137 + 0.011
02RC72(T) 0.198 = 0.036 + 0.009 + 0.153
PRF C54-1 U100X100X2.0 02RC67 0.005 02RC68 0.008
02RC68(C) 0.049 = 0.015 + 0.005 + 0.029
02RC71(T) 0.029 = 0.003 + 0.022 + 0.004
2F C55 U100X100X2.0 02RC67 0.014 02RC68 0.023
02RC68(C) 0.141 = 0.039 + 0.007 + 0.094
02RC67(T) 0.093 = 0.001 + 0.074 + 0.018
PRF C55-1 U100X100X2.0 02RC71 0.019 02RC68 0.019
02RC68(C) 0.133 = 0.052 + 0.017 + 0.063
02RC67(T) 0.087 = 0.012 + 0.059 + 0.016
2F C56 U100X100X2.0 02RC71 0.117 02RC72 0.124
02RC68(C) 0.221 = 0.063 + 0.006 + 0.151
02RC44(T) 0.043 = 0.007 + 0.035 + 0.001
PRF C56-1 U100X100X2.0 02RC71 0.005 02RC68 0.011
02RC68(C) 0.064 = 0.027 + 0.002 + 0.035
02RC71(T) 0.022 = 0.002 + 0.020 + 0.000
2F C57 U100X100X2.0 02RC67 0.011 02RC68 0.018
02RC67(C) 0.086 = 0.015 + 0.064 + 0.007
02RC72(T) 0.095 = 0.009 + 0.003 + 0.083
PRF C57-1 U100X100X2.0 02RC71 0.003 02RC72 0.035
02RC68(C) 0.079 = 0.026 + 0.000 + 0.053
02RC71(T) 0.033 = 0.011 + 0.005 + 0.017
2F C58 U100X100X2.0 02RC67 0.012 02RC72 0.016
02RC68(C) 0.119 = 0.048 + 0.003 + 0.067
02RC48(T) 0.022 = 0.002 + 0.016 + 0.004
PRF C58-1 U100X100X2.0 02RC71 0.003 02RC68 0.048
02RC02(C) 0.055 = 0.007 + 0.004 + 0.044
02RC67(T) 0.051 = 0.013 + 0.014 + 0.024
2F C126-1 U100X100X2.0 02RC67 0.013 02RC72 0.041
02RC13(C) 0.037 = 0.007 + 0.001 + 0.029
02RC72(T) 0.152 = 0.006 + 0.007 + 0.139
2F C128-1 U100X100X2.0 02RC67 0.011 02RC72 0.041
02RC68(C) 0.168 = 0.019 + 0.009 + 0.140
02RC71(T) 0.091 = 0.002 + 0.075 + 0.014
PRF C130-1 U100X100X2.0 02RC71 0.000 02RC72 0.004
02RC68(C) 0.008 = 0.001 + 0.000 + 0.008
02RC71(T) 0.006 = 0.001 + 0.000 + 0.004
2F C59 U100X100X2.0 02RC71 0.013 02RC72 0.017
02RC67(C) 0.102 = 0.027 + 0.071 + 0.005
02RC72(T) 0.113 = 0.019 + 0.006 + 0.088
PRF C59-1 U100X100X2.0 02RC71 0.009 02RC72 0.004
02RC68(C) 0.043 = 0.004 + 0.016 + 0.023
02RC71(T) 0.050 = 0.006 + 0.045 + 0.000
2F C60 U100X100X2.0 02RC67 0.015 02RC72 0.015
02RC15(C) 0.038 = 0.020 + 0.016 + 0.002
02RC71(T) 0.113 = 0.032 + 0.076 + 0.005
PRF C60-1 U100X100X2.0 02RC68 0.005 02RC72 0.003
02RC68(C) 0.038 = 0.004 + 0.016 + 0.019
02RC67(T) 0.014 = 0.004 + 0.007 + 0.002
2F C61 U100X100X2.0 02RC71 0.015 02RC72 0.015
02RC68(C) 0.093 = 0.011 + 0.003 + 0.080
02RC71(T) 0.081 = 0.002 + 0.078 + 0.000
PRF C61-1 U100X100X2.0 02RC67 0.004 02RC72 0.004
02RC68(C) 0.041 = 0.005 + 0.004 + 0.032
02RC67(T) 0.032 = 0.004 + 0.028 + 0.000
2F C62 U100X100X2.0 02RC67 0.017 02RC72 0.015
02RC68(C) 0.095 = 0.011 + 0.006 + 0.077
02RC71(T) 0.093 = 0.008 + 0.084 + 0.002
PRF C62-1 U100X100X2.0 02RC71 0.008 02RC72 0.004
02RC68(C) 0.044 = 0.006 + 0.007 + 0.031
02RC71(T) 0.045 = 0.007 + 0.038 + 0.000
PRF C63 U100X100X2.0 02RC67 0.011 02RC72 0.004
02RC68(C) 0.036 = 0.005 + 0.002 + 0.029
02RC71(T) 0.049 = 0.006 + 0.043 + 0.001
2F C63 U100X100X2.0 02RC71 0.014 02RC72 0.017
02RC68(C) 0.102 = 0.015 + 0.002 + 0.086
02RC44(T) 0.021 = 0.002 + 0.018 + 0.001
PRF C64 U100X100X2.0 02RC71 0.010 02RC72 0.004
02RC68(C) 0.034 = 0.004 + 0.001 + 0.028
02RC71(T) 0.047 = 0.002 + 0.045 + 0.000
2F C64 U100X100X2.0 02RC67 0.014 02RC72 0.016
02RC68(C) 0.114 = 0.030 + 0.001 + 0.084
02RC71(T) 0.107 = 0.031 + 0.073 + 0.003
2F C65 U100X100X2.0 02RC71 0.012 02RC72 0.015
02RC68(C) 0.107 = 0.028 + 0.003 + 0.076
02RC71(T) 0.078 = 0.005 + 0.068 + 0.004
PRF C65-1 U100X100X2.0 02RC71 0.009 02RC72 0.004
02RC68(C) 0.041 = 0.006 + 0.010 + 0.026
02RC71(T) 0.053 = 0.007 + 0.046 + 0.000
2F C66 U100X100X2.0 02RC71 0.012 02RC72 0.017
02RC68(C) 0.126 = 0.037 + 0.002 + 0.087
02RC44(T) 0.026 = 0.007 + 0.018 + 0.001
PRF C66-1 U100X100X2.0 02RC71 0.009 02RC72 0.004
02RC68(C) 0.041 = 0.006 + 0.012 + 0.023
02RC71(T) 0.052 = 0.006 + 0.047 + 0.000
2F C67 U100X100X2.0 02RC67 0.014 02RC72 0.015
02RC68(C) 0.115 = 0.034 + 0.005 + 0.076
02RC71(T) 0.103 = 0.028 + 0.069 + 0.006
PRF C67-1 U100X100X2.0 02RC03 0.005 02RC72 0.003
02RC68(C) 0.036 = 0.005 + 0.011 + 0.019
02RC67(T) 0.010 = 0.004 + 0.006 + 0.000
2F C68 U100X100X2.0 02RC71 0.013 02RC72 0.015
02RC68(C) 0.096 = 0.011 + 0.007 + 0.079
02RC71(T) 0.071 = 0.002 + 0.069 + 0.000
PRF C68-1 U100X100X2.0 02RC71 0.009 02RC72 0.005
02RC72(C) 0.051 = 0.004 + 0.017 + 0.030
02RC71(T) 0.046 = 0.003 + 0.042 + 0.000
2F C69 U100X100X2.0 02RC67 0.014 02RC72 0.014
02RC68(C) 0.089 = 0.011 + 0.001 + 0.077
02RC71(T) 0.078 = 0.004 + 0.072 + 0.002
PRF C69-1 U100X100X2.0 02RC67 0.009 02RC72 0.005
02RC72(C) 0.049 = 0.004 + 0.016 + 0.029
02RC71(T) 0.042 = 0.005 + 0.037 + 0.000
2F C72 U100X100X2.0 02RC71 0.014 02RC72 0.014
02RC68(C) 0.081 = 0.005 + 0.001 + 0.076
PRF C72-1 U100X100X2.0 02RC03 0.001 02RC72 0.005
02RC72(C) 0.031 = 0.000 + 0.001 + 0.029
02RC72(T) 0.000 = 0.000 + 0.000 + 0.000
2F C73 U100X100X2.0 02RC67 0.017 02RC72 0.014
02RC67(C) 0.084 = 0.002 + 0.081 + 0.001
02RC71(T) 0.082 = 0.001 + 0.080 + 0.001
PRF C73-1 U100X100X2.0 02RC71 0.003 02RC72 0.005
02RC72(C) 0.030 = 0.000 + 0.001 + 0.029
02RC72(T) 0.000 = 0.000 + 0.000 + 0.000

B E A M S T E E L S T R E S S C H E C K O U T P U T (AISC-LRFD93)

STORY LEVEL BEAM BAY ID SECTION COMBO /----------MOMENT INTERACTION CHECK----------//----SHEAR22----//----SHEAR33----/ RATIO = AXL + B33 + B22 COMBO RATIO COMBO RATIO

2F B136 2SC125X50X20X2 02RC02 0.068 02RC72 0.000
02RC02(T) 0.113 = 0.000 + 0.113 + 0.000
2F B137 2SC125X50X20X2 02RC67 0.054 02RC72 0.000
02RC67(T) 0.107 = 0.000 + 0.107 + 0.000
2F B138 2SC125X50X20X2 02RC02 0.067 02RC72 0.000
02RC67(T) 0.128 = 0.000 + 0.128 + 0.000
PRF B139 C125X50X20X2.0 02RC71 0.046 02RC72 0.000
02RC71(T) 0.133 = 0.000 + 0.133 + 0.000
2F B139 2SC125X50X20X2 02RC67 0.070 02RC72 0.000
02RC67(T) 0.148 = 0.000 + 0.148 + 0.000
PRF B140 C125X50X20X2.0 02RC71 0.110 02RC72 0.000
02RC71(T) 0.850 = 0.000 + 0.850 + 0.000
2F B140 2SC125X50X20X2 02RC02 0.104 02RC72 0.000
02RC02(T) 0.277 = 0.000 + 0.277 + 0.000
2F B143 2SC125X50X20X2 02RC02 0.070 02RC72 0.000
02RC67(T) 0.129 = 0.000 + 0.129 + 0.000
2F B146 2SC125X50X20X2 02RC02 0.067 02RC72 0.000
02RC67(T) 0.129 = 0.000 + 0.129 + 0.000
2F B147 2SC125X50X20X2 02RC02 0.103 02RC72 0.000
02RC02(T) 0.268 = 0.000 + 0.268 + 0.000
2F B148 2SC125X50X20X2 02RC02 0.067 02RC72 0.000
02RC67(T) 0.128 = 0.000 + 0.128 + 0.000
2F B151 2SC125X50X20X2 02RC67 0.075 02RC72 0.000
02RC71(T) 0.136 = 0.000 + 0.136 + 0.000
2F B153 2SC125X50X20X2 02RC02 0.150 02RC72 0.000
02RC68(T) 0.304 = 0.000 + 0.304 + 0.000
PRF B154 2SC125X50X20X2 02RC68 0.011 02RC71 0.003
02RC68(C) 0.046 = 0.014 + 0.032 + 0.000
02RC68(T) 0.043 = 0.002 + 0.041 + 0.000
PRF B157 2SC125X50X20X2 02RC02 0.013 02RC71 0.003
02RC68(C) 0.066 = 0.027 + 0.036 + 0.003
02RC68(T) 0.041 = 0.002 + 0.038 + 0.001
2F B158 2SC125X50X20X2 02RC02 0.309 02RC72 0.000
02RC02(T) 0.591 = 0.000 + 0.591 + 0.000
PRF B159 2SC125X50X20X2 02RC68 0.035 02RC71 0.003
02RC71(C) 0.090 = 0.014 + 0.070 + 0.006
02RC68(T) 0.095 = 0.000 + 0.095 + 0.000
2F B160 2SC125X50X20X2 02RC02 0.420 02RC72 0.000
02RC02(T) 0.891 = 0.000 + 0.891 + 0.000
2F B162 2SC125X50X20X2 02RC68 0.046 02RC72 0.000
02RC72(T) 0.126 = 0.000 + 0.126 + 0.000
2F B167 2SC125X50X20X2 02RC72 0.043 02RC72 0.000
02RC72(T) 0.121 = 0.000 + 0.121 + 0.000
2F B168 2SC125X50X20X2 02RC72 0.047 02RC72 0.000
02RC72(T) 0.129 = 0.000 + 0.129 + 0.000
2F B169 2SC125X50X20X2 02RC72 0.043 02RC72 0.000
02RC72(T) 0.118 = 0.000 + 0.118 + 0.000
2F B170 2SC125X50X20X2 02RC72 0.044 02RC72 0.000
02RC72(T) 0.122 = 0.000 + 0.122 + 0.000
2F B171 2SC125X50X20X2 02RC72 0.041 02RC72 0.000
02RC72(T) 0.112 = 0.000 + 0.112 + 0.000
PRF B174 2SC125X50X20X2 kl/r > 200 02RC68 0.018 02RC67 0.003
02RC68(C) 0.062 = 0.020 + 0.042 + 0.000
02RC68(T) 0.050 = 0.000 + 0.050 + 0.000
2F B175 2SC125X50X20X2 02RC02 0.202 02RC72 0.000
02RC02(T) 0.424 = 0.000 + 0.424 + 0.000
2F B176 2SC125X50X20X2 02RC68 0.040 02RC72 0.000
02RC72(T) 0.109 = 0.000 + 0.109 + 0.000
2F B177 2SC125X50X20X2 02RC72 0.037 02RC72 0.000
02RC72(T) 0.103 = 0.000 + 0.103 + 0.000
PRF B181 2SC125X50X20X2 02RC71 0.084 02RC72 0.000
02RC71(T) 0.135 = 0.000 + 0.135 + 0.000
PRF B182 2SC125X50X20X2 kl/r > 200 02RC71 0.024 02RC68 0.004
02RC71(C) 0.062 = 0.018 + 0.044 + 0.000
02RC71(T) 0.064 = 0.000 + 0.063 + 0.000
PRF B183 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
2F B183 2SC125X50X20X2 02RC02 0.115 02RC72 0.000
02RC02(T) 0.283 = 0.000 + 0.283 + 0.000
PRF B185 2SC125X50X20X2 02RC01 0.006 02RC72 0.000
02RC11(T) 0.025 = 0.000 + 0.025 + 0.000
2F B186 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B187 Z125X50X20X2.0 02RC02 0.102 02RC72 0.000
02RC02(T) 0.812 = 0.000 + 0.812 + 0.000
PRF B188 2SC125X50X20X2 kl/r > 200 02RC71 0.076 02RC68 0.004
02RC71(C) 0.106 = 0.011 + 0.094 + 0.001
02RC71(T) 0.147 = 0.001 + 0.146 + 0.001
PRF B189 2SC125X50X20X2 02RC71 0.080 02RC72 0.000
02RC71(T) 0.160 = 0.000 + 0.160 + 0.000
PRF B190 2SC125X50X20X2 02RC71 0.064 02RC72 0.000
02RC71(T) 0.099 = 0.000 + 0.099 + 0.000
PRF B191 2SC125X50X20X2 02RC71 0.077 02RC72 0.000
02RC71(T) 0.143 = 0.000 + 0.143 + 0.000

2F B192 2SC125X50X20X2 02RC67 0.069 02RC72 0.000
02RC71(T) 0.125 = 0.000 + 0.125 + 0.000
2F B193 C125X50X20X2.0 02RC02 0.093 02RC72 0.000
02RC02(T) 0.668 = 0.000 + 0.668 + 0.000
2F B194 C125X50X20X2.0 02RC02 0.093 02RC72 0.000
02RC02(T) 0.668 = 0.000 + 0.668 + 0.000
2F B195 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B196 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B197 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B198 Z125X50X20X2.0 02RC02 0.103 02RC72 0.000
02RC02(T) 0.831 = 0.000 + 0.831 + 0.000
2F B199 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B200 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B201 Z125X50X20X2.0 02RC02 0.103 02RC72 0.000
02RC02(T) 0.831 = 0.000 + 0.831 + 0.000
2F B202 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B203 Z125X50X20X2.0 02RC02 0.093 02RC72 0.000
02RC02(T) 0.689 = 0.000 + 0.689 + 0.000
2F B206 Z125X50X20X2.0 02RC02 0.093 02RC72 0.000
02RC02(T) 0.689 = 0.000 + 0.689 + 0.000
2F B210 C125X50X20X2.0 02RC71 0.101 02RC72 0.000
02RC71(T) 0.721 = 0.000 + 0.721 + 0.000
2F B211 C125X50X20X2.0 02RC71 0.109 02RC72 0.000
02RC71(T) 0.829 = 0.000 + 0.829 + 0.000
2F B212 C125X50X20X2.0 02RC71 0.101 02RC72 0.000
02RC71(T) 0.721 = 0.000 + 0.721 + 0.000
2F B213 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
2F B214 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
2F B215 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
2F B216 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
2F B217 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
2F B218 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
2F B222 C125X50X20X2.0 02RC71 0.101 02RC72 0.000
02RC71(T) 0.721 = 0.000 + 0.721 + 0.000
2F B223 C125X50X20X2.0 02RC71 0.109 02RC72 0.000
02RC71(T) 0.829 = 0.000 + 0.829 + 0.000
2F B224 C125X50X20X2.0 02RC71 0.101 02RC72 0.000
02RC71(T) 0.721 = 0.000 + 0.721 + 0.000
2F B225 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
2F B226 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
2F B227 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
2F B228 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
2F B229 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
2F B230 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
2F B231 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B232 Z125X50X20X2.0 02RC02 0.103 02RC72 0.000
02RC02(T) 0.831 = 0.000 + 0.831 + 0.000
2F B233 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B234 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B236 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B237 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B239 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B240 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B242 Z125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.726 = 0.000 + 0.726 + 0.000
2F B243 Z125X50X20X2.0 02RC02 0.103 02RC72 0.000
02RC02(T) 0.831 = 0.000 + 0.831 + 0.000
2F B244 Z125X50X20X2.0 02RC02 0.103 02RC72 0.000
02RC02(T) 0.831 = 0.000 + 0.831 + 0.000
2F B245 Z125X50X20X2.0 02RC02 0.103 02RC72 0.000
02RC02(T) 0.831 = 0.000 + 0.831 + 0.000
PRF B259 2SC125X50X20X2 02RC71 0.077 02RC72 0.000
02RC71(T) 0.151 = 0.000 + 0.151 + 0.000
PRF B260 2SC125X50X20X2 02RC71 0.111 02RC72 0.000
02RC71(T) 0.295 = 0.000 + 0.295 + 0.000
PRF B261 2SC125X50X20X2 02RC71 0.082 02RC72 0.000
02RC71(T) 0.178 = 0.000 + 0.178 + 0.000
PRF B262 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B263 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
PRF B264 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B265 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B266 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
PRF B267 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B268 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B269 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
PRF B270 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B271 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B272 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
PRF B273 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B274 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B275 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
PRF B276 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B277 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B278 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
PRF B279 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B280 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B281 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
PRF B282 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B283 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B284 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
PRF B285 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B286 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B287 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
PRF B288 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B289 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B290 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
PRF B291 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B292 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B293 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
PRF B294 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B295 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000
PRF B296 C125X50X20X2.0 02RC71 0.111 02RC72 0.000
02RC71(T) 0.870 = 0.000 + 0.870 + 0.000
PRF B297 C125X50X20X2.0 02RC71 0.103 02RC72 0.000
02RC71(T) 0.760 = 0.000 + 0.760 + 0.000

B R A C E S T E E L S T R E S S C H E C K O U T P U T (AISC-LRFD93)

STORY BRACE SECTION /----------MOMENT INTERACTION CHECK----------//----SHEAR22----//----SHEAR33----/
LEVEL BAY ID COMBO RATIO = AXL + B33 + B22 COMBO RATIO COMBO RATIO

PRF D55 2SC125X50X20X2 02RC71 0.069 02RC71 0.021
02RC72(C) 0.126 = 0.083 + 0.042 + 0.001
02RC71(T) 0.140 = 0.046 + 0.062 + 0.033
PRF D56 2SC125X50X20X2 02RC68 0.070 02RC71 0.035
02RC68(C) 0.089 = 0.034 + 0.054 + 0.001
02RC71(T) 0.129 = 0.047 + 0.059 + 0.024
2F D57 2SC125X50X20X2 02RC72 0.086 02RC67 0.022
02RC17(C) 0.048 = 0.011 + 0.035 + 0.002
02RC72(T) 0.193 = 0.013 + 0.174 + 0.006
2F D58 2SC125X50X20X2 02RC68 0.098 02RC67 0.019
02RC68(C) 0.229 = 0.032 + 0.187 + 0.009
02RC71(T) 0.142 = 0.035 + 0.033 + 0.073
2F D59 U100X100X2.0 02RC72 0.019 02RC71 0.015
02RC68(C) 0.339 = 0.253 + 0.081 + 0.005
02RC71(T) 0.109 = 0.037 + 0.003 + 0.069
PRF D60 U100X100X2.0 02RC68 0.006 02RC67 0.002
02RC68(C) 0.080 = 0.048 + 0.029 + 0.003
02RC67(T) 0.044 = 0.019 + 0.011 + 0.013
PRF D61 U100X100X2.0 02RC02 0.006 02RC67 0.002
02RC17(C) 0.030 = 0.008 + 0.020 + 0.002
02RC68(T) 0.055 = 0.042 + 0.011 + 0.002
2F D62 U100X100X2.0 02RC68 0.021 02RC71 0.014
02RC17(C) 0.038 = 0.022 + 0.014 + 0.002
02RC72(T) 0.189 = 0.083 + 0.102 + 0.004
PRF D63 2SC125X50X20X2 02RC71 0.092 02RC71 0.023
02RC71(C) 0.308 = 0.202 + 0.098 + 0.008
02RC71(T) 0.161 = 0.054 + 0.072 + 0.035
PRF D64 2SC125X50X20X2 02RC68 0.102 02RC67 0.040
02RC71(C) 0.328 = 0.219 + 0.101 + 0.008
02RC71(T) 0.154 = 0.056 + 0.070 + 0.028
2F D65 2SC125X50X20X2 02RC68 0.080 02RC71 0.023
02RC71(C) 0.099 = 0.040 + 0.037 + 0.022
02RC68(T) 0.205 = 0.056 + 0.145 + 0.004
2F D66 2SC125X50X20X2 02RC68 0.106 02RC71 0.020
02RC68(C) 0.264 = 0.062 + 0.196 + 0.006
02RC71(T) 0.143 = 0.033 + 0.032 + 0.078
2F D67 U100X100X2.0 02RC72 0.021 02RC71 0.016
02RC68(C) 0.309 = 0.220 + 0.082 + 0.007
02RC71(T) 0.090 = 0.014 + 0.003 + 0.072
PRF D68 U100X100X2.0 02RC68 0.010 02RC71 0.007
02RC68(C) 0.080 = 0.033 + 0.047 + 0.000
02RC02(T) 0.049 = 0.003 + 0.044 + 0.001
PRF D69 U100X100X2.0 02RC02 0.013 02RC68 0.004
02RC17(C) 0.051 = 0.003 + 0.044 + 0.003
02RC02(T) 0.073 = 0.006 + 0.062 + 0.005
2F D70 U100X100X2.0 02RC68 0.023 02RC67 0.017
02RC17(C) 0.039 = 0.023 + 0.013 + 0.003
02RC72(T) 0.168 = 0.058 + 0.105 + 0.005
PRF D71 2SC125X50X20X2 02RC71 0.147 02RC71 0.013
02RC68(C) 0.247 = 0.228 + 0.013 + 0.006
02RC71(T) 0.329 = 0.207 + 0.118 + 0.004
PRF D72 2SC125X50X20X2 02RC71 0.136 02RC71 0.042
02RC68(C) 0.157 = 0.076 + 0.080 + 0.001
02RC71(T) 0.200 = 0.079 + 0.092 + 0.028
2F D73 2SC125X50X20X2 02RC68 0.076 02RC71 0.023
02RC71(C) 0.083 = 0.036 + 0.031 + 0.016
02RC68(T) 0.197 = 0.054 + 0.137 + 0.006
2F D74 2SC125X50X20X2 02RC68 0.101 02RC71 0.020
02RC68(C) 0.252 = 0.059 + 0.187 + 0.006
02RC71(T) 0.134 = 0.031 + 0.024 + 0.078
2F D75 U100X100X2.0 02RC72 0.020 02RC67 0.018
02RC68(C) 0.292 = 0.212 + 0.077 + 0.002
02RC71(T) 0.090 = 0.012 + 0.002 + 0.076
PRF D76 U100X100X2.0 02RC02 0.017 02RC71 0.003
02RC68(C) 0.109 = 0.029 + 0.079 + 0.001
02RC02(T) 0.096 = 0.005 + 0.089 + 0.001
PRF D77 U100X100X2.0 02RC02 0.006 02RC71 0.007
02RC13(C) 0.027 = 0.005 + 0.019 + 0.004
02RC68(T) 0.057 = 0.027 + 0.012 + 0.018
2F D78 U100X100X2.0 02RC68 0.021 02RC71 0.016
02RC13(C) 0.039 = 0.022 + 0.013 + 0.004
02RC72(T) 0.156 = 0.054 + 0.099 + 0.002
PRF D79 2SC125X50X20X2 02RC71 0.070 02RC67 0.022
02RC72(C) 0.109 = 0.073 + 0.031 + 0.005
02RC71(T) 0.150 = 0.054 + 0.064 + 0.033
PRF D80 2SC125X50X20X2 02RC68 0.066 02RC67 0.035
02RC68(C) 0.087 = 0.034 + 0.053 + 0.001
02RC71(T) 0.110 = 0.043 + 0.043 + 0.024
2F D81 2SC125X50X20X2 02RC72 0.073 02RC71 0.024
02RC71(C) 0.118 = 0.008 + 0.015 + 0.095
02RC72(T) 0.171 = 0.012 + 0.149 + 0.011
2F D82 2SC125X50X20X2 02RC68 0.086 02RC71 0.021
02RC68(C) 0.196 = 0.031 + 0.162 + 0.003
02RC13(T) 0.042 = 0.008 + 0.033 + 0.001
2F D83 U100X100X2.0 02RC72 0.017 02RC67 0.015
02RC68(C) 0.280 = 0.209 + 0.069 + 0.003
02RC13(T) 0.034 = 0.013 + 0.020 + 0.001
PRF D84 U100X100X2.0 02RC02 0.009 02RC71 0.002
02RC68(C) 0.087 = 0.038 + 0.044 + 0.004
02RC02(T) 0.052 = 0.005 + 0.044 + 0.004
PRF D85 U100X100X2.0 02RC02 0.003 02RC71 0.002
02RC71(C) 0.034 = 0.018 + 0.004 + 0.012
02RC68(T) 0.048 = 0.038 + 0.008 + 0.002
2F D86 U100X100X2.0 02RC68 0.018 02RC67 0.014
02RC67(C) 0.100 = 0.023 + 0.013 + 0.065
02RC72(T) 0.158 = 0.068 + 0.087 + 0.003
2F D87 U100X100X2.0 02RC71 0.014 02RC72 0.022
02RC67(C) 0.154 = 0.078 + 0.069 + 0.007
02RC72(T) 0.142 = 0.041 + 0.003 + 0.098
PRF D88 U100X100X2.0 02RC67 0.004 02RC72 0.003
02RC67(C) 0.046 = 0.029 + 0.016 + 0.002
02RC68(T) 0.048 = 0.023 + 0.006 + 0.019
PRF D89 U100X100X2.0 02RC02 0.003 02RC72 0.003
02RC15(C) 0.023 = 0.014 + 0.008 + 0.001
02RC71(T) 0.043 = 0.032 + 0.004 + 0.008
2F D90 U100X100X2.0 02RC67 0.015 02RC72 0.019
02RC15(C) 0.044 = 0.026 + 0.016 + 0.003
02RC71(T) 0.149 = 0.071 + 0.072 + 0.006
2F D91 U100X100X2.0 02RC71 0.009 02RC72 0.015
02RC67(C) 0.111 = 0.055 + 0.051 + 0.005
02RC43(T) 0.025 = 0.008 + 0.015 + 0.001
2F D92 U100X100X2.0 02RC71 0.008 02RC72 0.015
02RC68(C) 0.108 = 0.026 + 0.006 + 0.076
02RC71(T) 0.113 = 0.058 + 0.053 + 0.002
PRF D93 U100X100X2.0 02RC67 0.005 02RC68 0.003
02RC67(C) 0.038 = 0.014 + 0.024 + 0.000
02RC44(T) 0.014 = 0.006 + 0.007 + 0.000
PRF D94 U100X100X2.0 02RC67 0.006 02RC68 0.003
02RC68(C) 0.047 = 0.019 + 0.001 + 0.028
02RC71(T) 0.058 = 0.036 + 0.021 + 0.001
PRF D95 U100X100X2.0 02RC71 0.005 02RC72 0.004
02RC68(C) 0.049 = 0.018 + 0.003 + 0.027
02RC71(T) 0.031 = 0.001 + 0.025 + 0.005
2F D96 U100X100X2.0 02RC71 0.009 02RC68 0.021
02RC67(C) 0.127 = 0.055 + 0.051 + 0.021
02RC43(T) 0.026 = 0.007 + 0.015 + 0.004
2F D97 U100X100X2.0 02RC67 0.013 02RC68 0.022
02RC68(C) 0.153 = 0.052 + 0.003 + 0.098
02RC11(T) 0.036 = 0.013 + 0.021 + 0.001
PRF D98 U100X100X2.0 02RC67 0.004 02RC72 0.002
02RC68(C) 0.054 = 0.028 + 0.009 + 0.018
02RC11(T) 0.018 = 0.009 + 0.008 + 0.000
PRF D99 U100X100X2.0 02RC02 0.003 02RC72 0.002
02RC68(C) 0.047 = 0.024 + 0.007 + 0.015
02RC71(T) 0.037 = 0.027 + 0.003 + 0.007
2F D100 U100X100X2.0 02RC67 0.013 02RC68 0.019
02RC68(C) 0.132 = 0.039 + 0.009 + 0.084
02RC71(T) 0.132 = 0.060 + 0.065 + 0.007

```
$ File E:\WORK\2022\2208A\MODEL\SAFE\SC2-1\2208A-SC2-1-220811-001.UPE saved 8/14/22 22:31:23 in Kgf-cm
  SAFE "8.1.0"
  UNITS  Kgf  cm
$ TITLES
  TITLE1  "Lo-Lat Structure Studio"
  TITLE2  ""
$ GRIDS
  GRID  "GLOBAL"  X  "1"  0
  GRID  "GLOBAL"  X  "2"  390
  GRID  "GLOBAL"  X  "3"  810
  GRID  "GLOBAL"  X  "4"  1200
  GRID  "GLOBAL"  Y  "A"  0
  GRID  "GLOBAL"  Y  "B"  135
  GRID  "GLOBAL"  Y  "C"  360
  GRID  "GLOBAL"  Y  "1C"  427.5
  GRID  "GLOBAL"  Y  "D"  720
  MESH  MAX 100
$ BEAM PROPERTIES
  BEAMPROP  "RB60X40C4"  E 250998  U 0.2  W 0.0024
  BEAMPROP  "RB60X40C4"  TYPE R  B 60  D 40
  BEAMPROP  "RB60X40C4"  DSNSEC  0
  BEAMPROP  "RB60X40C4"  BDESIGN 60  DDESIGN 40
  BEAMPROP  "RB60X40C4"  CT 4  CB 4
  BEAMPROP  "RB60X40C4"  FC 280  FY 4200  FYS 4200  FCS 280
$ SLAB PROPERTIES
  SLABPROP  "S40"  E 250998  U 0.2  W 0.0024
  SLABPROP  "S40"  T 40  TYPE THICK
  SLABPROP  "S40"  CTI 4  CTI 4  CBI 4  CBJ 4
  SLABPROP  "S40"  FC 280  FY 4200
  SLABPROP  "Col_Stiff"  E 250998  U 0.2  W 0.0024
  SLABPROP  "Col_Stiff"  T 200  TYPE THICK
  SLABPROP  "Col_Stiff"  DESIGN NO
$ COLUMN PROPERTIES
$ WALL PROPERTIES
$ SOIL PROPERTIES
  SOILPROP  "F12"  K 1
  SOILPROP  "F6"  K 1
  SOILPROP  "F13"  K 1
  SOILPROP  "F8"  K 1
  SOILPROP  "F9"  K 1
  SOILPROP  "F10"  K 1
  SOILPROP  "F11"  K 1
  SOILPROP  "F14"  K 1
  SOILPROP  "F15"  K 1
  SOILPROP  "F16"  K 1
  SOILPROP  "F17"  K 1
  SOILPROP  "F18"  K 1
  SOILPROP  "F19"  K 1
  SOILPROP  "F20"  K 1
  SOILPROP  "F21"  K 1
$ POINT COORDINATES
  POINT  "185"  0  0
  POINT  "186"  0  360
  POINT  "187"  0  720
  POINT  "188"  390  720
  POINT  "189"  810  720
  POINT  "190"  1200  720
  POINT  "191"  390  360
  POINT  "193"  810  0
  POINT  "194"  810  427.5
  POINT  "195"  1200  427.5
  POINT  "196"  1200  0
  POINT  "197"  390  0
  POINT  "198"  390  135
  POINT  "199"  810  135
  POINT  "203"  0  605.5
  POINT  "204"  0  135
  POINT  "205"  0  -150
  POINT  "206"  0  870
  POINT  "207"  390  605.5
  POINT  "208"  390  -150
  POINT  "209"  390  870
  POINT  "210"  810  605.5
  POINT  "211"  810  -150
  POINT  "212"  810  870
  POINT  "217"  1200  135
  POINT  "219"  1200  605.5
  POINT  "220"  1200  -150
  POINT  "221"  1200  870
  POINT  "223"  120  0
  POINT  "224"  1080  0
  POINT  "225"  495  135
  POINT  "226"  705  135
  POINT  "227"  120  360
  POINT  "228"  270  360
  POINT  "230"  930  427.5
  POINT  "232"  120  720
  POINT  "233"  1080  720
  POINT  "234"  510  720
  POINT  "235"  690  720
  POINT  "238"  510  605.5
  POINT  "239"  690  605.5
$ LINE CONNECTIVITY
  LINE  "B134"  0  0  0  360
  LINE  "B135"  0  360  0  720
  LINE  "B136"  0  720  390  720
  LINE  "B137"  390  720  810  720
  LINE  "B138"  810  720  1200  720
  LINE  "B139"  0  360  390  360
  LINE  "B141"  810  0  810  360
  LINE  "B142"  810  360  810  720
  LINE  "B143"  810  427.5  1200  427.5
  LINE  "B144"  1200  0  1200  427.5
  LINE  "B145"  1200  427.5  1200  720
  LINE  "B146"  0  0  390  0
  LINE  "B147"  390  0  810  0
  LINE  "B148"  810  0  1200  0
  LINE  "B149"  390  0  390  360
  LINE  "B150"  390  360  390  720
  LINE  "B151"  390  135  810  135
  LINE  "B192"  390  605.5  810  605.5
  LINE  "B172"  1200  0  1200  360
  LINE  "B173"  1200  360  1200  720
$ AREA CONNECTIVITY
  AREA  "F12"  4 390  135  810  135  810  605.5  390  605.5
  AREA  "F6"  4 810  135  390  135  390  0  810  0
  AREA  "F13"  4 390  605.5  810  605.5  810  720  390  720
  AREA  "F8"  4 0  360  390  360  390  720  0  720
  AREA  "F9"  4 390  360  0  360  0  0  390  0
  AREA  "F10"  4 810  427.5  1200  427.5  1200  720  810  720
  AREA  "F11"  4 1200  427.5  810  427.5  810  0  1200  0
  AREA  "F14"  4 -37.5  832.5  37.5  832.5  37.5  907.5  -37.5  907.5
  AREA  "F15"  4 352.5  832.5  427.5  832.5  427.5  907.5  352.5  907.5
  AREA  "F16"  4 772.5  832.5  847.5  832.5  847.5  907.5  772.5  907.5
  AREA  "F17"  4 1162.5  832.5  1237.5  832.5  1237.5  907.5  1162.5  907.5
  AREA  "F18"  4 1162.5  -187.5  1237.5  -187.5  1237.5  -112.5  1162.5  -112.5
  AREA  "F19"  4 772.5  -187.5  847.5  -187.5  847.5  -112.5  772.5  -112.5
  AREA  "F20"  4 352.5  -187.5  427.5  -187.5  427.5  -112.5  352.5  -112.5
  AREA  "F21"  4 -37.5  -187.5  37.5  -187.5  37.5  -112.5  -37.5  -112.5
$ BEAM ASSIGNS
  BEAM  "B134"  "RB60X40C4"
  BEAM  "B135"  "RB60X40C4"
  BEAM  "B136"  "RB60X40C4"
  BEAM  "B137"  "RB60X40C4"
  BEAM  "B138"  "RB60X40C4"
  BEAM  "B139"  "RB60X40C4"
  BEAM  "B141"  "RB60X40C4"
  BEAM  "B142"  "RB60X40C4"
  BEAM  "B143"  "RB60X40C4"
  BEAM  "B144"  "RB60X40C4"
  BEAM  "B145"  "RB60X40C4"
  BEAM  "B146"  "RB60X40C4"
  BEAM  "B147"  "RB60X40C4"
  BEAM  "B148"  "RB60X40C4"
  BEAM  "B149"  "RB60X40C4"
  BEAM  "B150"  "RB60X40C4"
  BEAM  "B151"  "RB60X40C4"
  BEAM  "B192"  "RB60X40C4"
  BEAM  "B172"  "RB60X40C4"
  BEAM  "B173"  "RB60X40C4"
$ SLAB ASSIGNS
  SLAB  "F12"  "S40"
  SLAB  "F6"  "S40"
  SLAB  "F13"  "S40"
  SLAB  "F8"  "S40"
  SLAB  "F9"  "S40"
  SLAB  "F10"  "S40"
  SLAB  "F11"  "S40"
  SLAB  "F14"  "S40"
  SLAB  "F15"  "S40"
  SLAB  "F16"  "S40"
  SLAB  "F17"  "S40"
  SLAB  "F18"  "S40"
  SLAB  "F19"  "S40"
  SLAB  "F20"  "S40"
  SLAB  "F21"  "S40"
$ COLUMN ASSIGNS
$ WALL ASSIGNS
$ SOIL ASSIGNS
  SOIL  "F12"  "F12"
  SOIL  "F6"  "F6"
  SOIL  "F13"  "F13"
  SOIL  "F8"  "F8"
  SOIL  "F9"  "F9"
  SOIL  "F10"  "F10"
  SOIL  "F11"  "F11"
  SOIL  "F14"  "F14"
  SOIL  "F15"  "F15"
  SOIL  "F16"  "F16"
  SOIL  "F17"  "F17"
  SOIL  "F18"  "F18"
  SOIL  "F19"  "F19"
  SOIL  "F20"  "F20"
  SOIL  "F21"  "F21"
$ RELEASE ASSIGNS
$ LOADS
  LOAD "DL"  TYPE  DEAD  SELFWEIGHT  1  LTDFACTOR  3
  POINTLOAD  "DL"  "185"  F  97.88755  MX  26.50872  MY  -50.07103
  POINTLOAD  "DL"  "186"  F  132.0215  MX  38.22947  MY  -91.75926
  POINTLOAD  "DL"  "187"  F  90.69958  MX  67.57862  MY  -53.61186
  POINTLOAD  "DL"  "203"  F  253.0629  MX  -456.3874  MY  -93.89201
  POINTLOAD  "DL"  "204"  F  235.7297  MX  608.6416  MY  -92.05688
  POINTLOAD  "DL"  "205"  F  67.0794  MX  111.0403  MY  -50.5567
  POINTLOAD  "DL"  "206"  F  65.16355  MX  -24.39689  MY  -53.76759
  POINTLOAD  "DL"  "197"  F  144.0409  MX  25.73758  MY  -49.22801
  POINTLOAD  "DL"  "191"  F  159.0042  MX  41.75414  MY  -100.436
  POINTLOAD  "DL"  "188"  F  121.1898  MX  64.94044  MY  -57.18251
  POINTLOAD  "DL"  "207"  F  317.9922  MX  -535.1264  MY  -30.25368
  POINTLOAD  "DL"  "198"  F  327.2617  MX  684.6846  MY  -73.57833
  POINTLOAD  "DL"  "208"  F  90.44288  MX  131.1939  MY  -34.94896
  POINTLOAD  "DL"  "209"  F  85.48202  MX  -42.25257  MY  -38.18927
  POINTLOAD  "DL"  "193"  F  148.7616  MX  23.93794  MY  -54.81218
  POINTLOAD  "DL"  "194"  F  174.21  MX  -274.5317  MY  -85.8531
  POINTLOAD  "DL"  "189"  F  118.3972  MX  62.94518  MY  -53.9488
  POINTLOAD  "DL"  "210"  F  297.8935  MX  -424.8851  MY  -95.24043
  POINTLOAD  "DL"  "199"  F  357.2148  MX  853.9869  MY  -59.99078
  POINTLOAD  "DL"  "211"  F  91.41585  MX  131.0436  MY  -32.3492
  POINTLOAD  "DL"  "212"  F  84.91647  MX  -43.15997  MY  -35.53074
  POINTLOAD  "DL"  "196"  F  92.10502  MX  19.61611  MY  -54.26496
  POINTLOAD  "DL"  "195"  F  211.3185  MX  -173.427  MY  67.04161
  POINTLOAD  "DL"  "190"  F  83.44297  MX  61.72705  MY  -57.84023
  POINTLOAD  "DL"  "219"  F  234.0544  MX  -391.9444  MY  -24.49319
  POINTLOAD  "DL"  "217"  F  253.0805  MX  707.0144  MY  -22.2355
  POINTLOAD  "DL"  "220"  F  65.84785  MX  103.058  MY  -16.74344
  POINTLOAD  "DL"  "221"  F  63.72213  MX  -27.29032  MY  -19.95456
  POINTLOAD  "DL"  "223"  F  210.0437  MX  75.20798  MY  -529.4271
  POINTLOAD  "DL"  "224"  F  230.5993  MX  78.70168  MY  407.6859
  POINTLOAD  "DL"  "225"  F  110.5319  MX  23.95209  MY  -37.02293
  POINTLOAD  "DL"  "226"  F  112.8825  MX  25.32207  MY  -34.93614
  POINTLOAD  "DL"  "227"  F  266.8855  MX  54.478  MY  -533.3607
  POINTLOAD  "DL"  "228"  F  339.5401  MX  59.32226  MY  320.7106
  POINTLOAD  "DL"  "230"  F  332.8398  MX  -195.6674  MY  -572.9194
  POINTLOAD  "DL"  "232"  F  196.4886  MX  26.07536  MY  -526.2094
  POINTLOAD  "DL"  "233"  F  222.2511  MX  30.71262  MY  408.667
  POINTLOAD  "DL"  "234"  F  95.29503  MX  42.67853  MY  -54.97501
  POINTLOAD  "DL"  "235"  F  95.36299  MX  41.73155  MY  -55.97157
  POINTLOAD  "DL"  "238"  F  84.32296  MX  22.72836  MY  -403.4332
  POINTLOAD  "DL"  "239"  F  84.20986  MX  23.82597  MY  340.8441
  LOAD "SDL"  TYPE  DEAD  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "SDL"  "185"  F  86.6899  MX  104.3215  MY  -75.11368
  POINTLOAD  "SDL"  "186"  F  154.3626  MX  92.5826  MY  -68.62562
  POINTLOAD  "SDL"  "187"  F  73.31331  MX  115.2049  MY  -84.22072
  POINTLOAD  "SDL"  "203"  F  301.0577  MX  -305.951  MY  -134.5099
  POINTLOAD  "SDL"  "204"  F  256.482  MX  473.1048  MY  -141.6651
  POINTLOAD  "SDL"  "205"  F  95.54742  MX  154.1218  MY  -149.1933
  POINTLOAD  "SDL"  "206"  F  91.68283  MX  46.73085  MY  -157.3849
  POINTLOAD  "SDL"  "197"  F  264.6519  MX  99.95907  MY  -67.63181
  POINTLOAD  "SDL"  "191"  F  305.2642  MX  121.3337  MY  -495.2399
  POINTLOAD  "SDL"  "188"  F  199.4737  MX  110.6585  MY  -90.18875
  POINTLOAD  "SDL"  "207"  F  620.8813  MX  -776.1799  MY  51.0803
  POINTLOAD  "SDL"  "198"  F  667.029  MX  894.7062  MY  -93.5776
  POINTLOAD  "SDL"  "208"  F  215.0066  MX  242.8065  MY  -56.34045
  POINTLOAD  "SDL"  "209"  F  201.2742  MX  -31.69072  MY  -64.62164
  POINTLOAD  "SDL"  "193"  F  278.3391  MX  95.5965  MY  -84.14458
  POINTLOAD  "SDL"  "194"  F  345.102  MX  -939.7143  MY  -24.86844
  POINTLOAD  "SDL"  "189"  F  186.8279  MX  106.1096  MY  -79.85965
  POINTLOAD  "SDL"  "210"  F  535.7949  MX  -264.1137  MY  -206.8744
  POINTLOAD  "SDL"  "199"  F  761.7062  MX  1548.773  MY  -106.4767
  POINTLOAD  "SDL"  "211"  F  217.8533  MX  243.0841  MY  -40.76551
  POINTLOAD  "SDL"  "212"  F  198.6707  MX  -31.8345  MY  -48.86777
  POINTLOAD  "SDL"  "196"  F  77.38633  MX  87.14378  MY  -77.12846
  POINTLOAD  "SDL"  "195"  F  348.8995  MX  -500.339  MY  259.2443
  POINTLOAD  "SDL"  "190"  F  60.98102  MX  99.74728  MY  -86.34995
  POINTLOAD  "SDL"  "219"  F  248.6303  MX  -50.49739  MY  -15.9685
  POINTLOAD  "SDL"  "217"  F  310.9596  MX  799.3926  MY  -10.09704
  POINTLOAD  "SDL"  "220"  F  93.51407  MX  135.8799  MY  52.08427
  POINTLOAD  "SDL"  "221"  F  89.28303  MX  36.93188  MY  43.89198
  POINTLOAD  "SDL"  "223"  F  184.6258  MX  136.394  MY  -241.2696
  POINTLOAD  "SDL"  "224"  F  217.02  MX  155.2681  MY  69.16279
  POINTLOAD  "SDL"  "225"  F  106.3044  MX  60.49311  MY  -49.49615
  POINTLOAD  "SDL"  "226"  F  113.0351  MX  66.27511  MY  -63.18194
  POINTLOAD  "SDL"  "227"  F  255.3539  MX  132.4781  MY  -181.2269
  POINTLOAD  "SDL"  "228"  F  540.37  MX  163.4149  MY  -389.5546
  POINTLOAD  "SDL"  "230"  F  572.2941  MX  -701.956  MY  -283.3565
  POINTLOAD  "SDL"  "232"  F  154.0014  MX  94.66717  MY  -228.6327
  POINTLOAD  "SDL"  "233"  F  208.4455  MX  115.7008  MY  79.52744
  POINTLOAD  "SDL"  "234"  F  78.71842  MX  98.92386  MY  -83.83371
  POINTLOAD  "SDL"  "235"  F  78.47465  MX  96.48935  MY  -86.10212
  POINTLOAD  "SDL"  "238"  F  45.69784  MX  52.98415  MY  -96.87247
  POINTLOAD  "SDL"  "239"  F  44.59444  MX  57.9081  MY  21.70302
  AREALOAD  "SDL"  "F12"  W  0.03
  AREALOAD  "SDL"  "F6"  W  0.03
  AREALOAD  "SDL"  "F13"  W  0.03
  AREALOAD  "SDL"  "F8"  W  0.03
  AREALOAD  "SDL"  "F9"  W  0.03
  AREALOAD  "SDL"  "F10"  W  0.03
  AREALOAD  "SDL"  "F11"  W  0.03
  LOAD "LL"  TYPE  LIVE  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "LL"  "185"  F  235.5651  MX  336.8091  MY  -205.8057
  POINTLOAD  "LL"  "186"  F  515.8741  MX  365.7686  MY  -245.8388
  POINTLOAD  "LL"  "187"  F  200.9095  MX  347.3125  MY  -227.4509
  POINTLOAD  "LL"  "203"  F  910.708  MX  -1707.283  MY  -503.2439
  POINTLOAD  "LL"  "204"  F  772.9989  MX  2168.058  MY  -541.7402
  POINTLOAD  "LL"  "205"  F  164.3381  MX  430.1477  MY  -286.42
  POINTLOAD  "LL"  "206"  F  153.975  MX  194.1526  MY  -305.4746
  POINTLOAD  "LL"  "197"  F  726.0562  MX  336.1447  MY  -162.0606
  POINTLOAD  "LL"  "191"  F  1077.364  MX  518.3014  MY  -2404.188
  POINTLOAD  "LL"  "188"  F  507.7756  MX  326.1838  MY  -260.3714
  POINTLOAD  "LL"  "207"  F  1727.223  MX  -4053.926  MY  389.0228
  POINTLOAD  "LL"  "198"  F  1900.01  MX  4235.529  MY  -677.3237
  POINTLOAD  "LL"  "208"  F  387.18  MX  645.021  MY  -146.9239
  POINTLOAD  "LL"  "209"  F  342.655  MX  26.61893  MY  -166.4896
  POINTLOAD  "LL"  "193"  F  763.1793  MX  327.449  MY  -259.2621
  POINTLOAD  "LL"  "194"  F  1142.535  MX  -4844.792  MY  -16.10724
  POINTLOAD  "LL"  "189"  F  470.2674  MX  316.964  MY  -204.3249
  POINTLOAD  "LL"  "210"  F  1430.182  MX  -1511.041  MY  -799.8637
  POINTLOAD  "LL"  "199"  F  2214.072  MX  7503.682  MY  73.811
  POINTLOAD  "LL"  "211"  F  395.177  MX  647.9245  MY  -124.0443
  POINTLOAD  "LL"  "212"  F  334.7376  MX  29.57876  MY  -142.5884
  POINTLOAD  "LL"  "196"  F  209.3928  MX  296.6323  MY  -216.8095
  POINTLOAD  "LL"  "195"  F  1051.546  MX  -2609.098  MY  1533.599
  POINTLOAD  "LL"  "190"  F  167.5872  MX  311.7593  MY  -238.6599
  POINTLOAD  "LL"  "219"  F  723.4831  MX  -411.3886  MY  96.87909
  POINTLOAD  "LL"  "217"  F  960.3221  MX  3788.268  MY  126.5116
  POINTLOAD  "LL"  "220"  F  158.7181  MX  385.9787  MY  15.44324
  POINTLOAD  "LL"  "221"  F  147.4349  MX  173.1805  MY  -3.612793
  POINTLOAD  "LL"  "223"  F  535.2024  MX  578.6537  MY  -1056.994
  POINTLOAD  "LL"  "224"  F  605.7686  MX  666.4389  MY  545.4611
  POINTLOAD  "LL"  "225"  F  325.1725  MX  213.309  MY  -383.1369
  POINTLOAD  "LL"  "226"  F  344.0661  MX  242.3323  MY  45.66639
  POINTLOAD  "LL"  "227"  F  776.4854  MX  495.8338  MY  -619.6322
  POINTLOAD  "LL"  "228"  F  1946.113  MX  648.0205  MY  -1932.398
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POINTLOAD "LL" "230" F 1683.634 MX -3774.356 MY -1118.067
POINTLOAD "LL" "232" F 451.7811 MX 205.9385 MY -1031.704
POINTLOAD "LL" "233" F 603.4628 MX 300.2027 MY 631.6284
POINTLOAD "LL" "234" F 248.6223 MX 313.9622 MY -222.1948
POINTLOAD "LL" "235" F 247.4612 MX 308.206 MY -242.1978
POINTLOAD "LL" "238" F 207.5843 MX 178.1003 MY -472.6893
POINTLOAD "LL" "239" F 202.9776 MX 201.0975 MY 282.1682
AREALOAD "LL" "F12" W 0.1
AREALOAD "LL" "F6" W 0.1
AREALOAD "LL" "F13" W 0.1
AREALOAD "LL" "F8" W 0.1
AREALOAD "LL" "F9" W 0.1
AREALOAD "LL" "F10" W 0.1
AREALOAD "LL" "F11" W 0.1
LOAD "EXP" TYPE QUAKE SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "EXP" "185" F -660.4931 MX -429.7435 MY 7515.086
POINTLOAD "EXP" "186" F -1023.982 MX -206.1255 MY 3572.513
POINTLOAD "EXP" "187" F -626.5331 MX -327.3622 MY 7927.103
POINTLOAD "EXP" "203" F -1075.566 MX -191.3585 MY 8145.891
POINTLOAD "EXP" "204" F -875.2663 MX -619.4843 MY 7580.318
POINTLOAD "EXP" "205" F -137.345 MX -595.3968 MY 4849.051
POINTLOAD "EXP" "206" F -126.3811 MX -93.14133 MY 5230.491
POINTLOAD "EXP" "197" F 1.550197 MX -130.2942 MY 7494.233
POINTLOAD "EXP" "191" F 988.3434 MX -54.40441 MY 3703.645
POINTLOAD "EXP" "188" F 16.44804 MX -131.7944 MY 7903.32
POINTLOAD "EXP" "207" F 18.55211 MX -186.6938 MY 8955.546
POINTLOAD "EXP" "198" F 64.41505 MX -75.70109 MY 8308.273
POINTLOAD "EXP" "208" F -0.329582 MX -116.3337 MY 4848.912
POINTLOAD "EXP" "209" F 4.064943 MX -123.1045 MY 5230.333
POINTLOAD "EXP" "193" F 1.826803 MX 135.0893 MY 7494.194
POINTLOAD "EXP" "194" F -979.8871 MX 104.6092 MY 3599.495
POINTLOAD "EXP" "189" F -23.45687 MX 136.8515 MY 7903.259
POINTLOAD "EXP" "210" F -52.83672 MX 238.4491 MY 8960.13
POINTLOAD "EXP" "199" F -45.12275 MX 117.7913 MY 8308.07
POINTLOAD "EXP" "211" F 1.028843 MX 121.7436 MY 4848.912
POINTLOAD "EXP" "212" F -5.500265 MX 129.9314 MY 5230.332
POINTLOAD "EXP" "196" F 648.8295 MX 433.4075 MY 7515.145
POINTLOAD "EXP" "195" F 99.33362 MX 245.6034 MY 3739.613
POINTLOAD "EXP" "190" F 614.1743 MX 332.7955 MY 7927.161
POINTLOAD "EXP" "219" F 996.6673 MX 271.0196 MY 8142.01
POINTLOAD "EXP" "217" F 804.373 MX 569.8781 MY 7576.706
POINTLOAD "EXP" "220" F 134.9805 MX 594.9526 MY 4849.052
POINTLOAD "EXP" "221" F 123.8634 MX 102.0455 MY 5230.492
POINTLOAD "EXP" "223" F 1564.851 MX -358.2544 MY 7750.115
POINTLOAD "EXP" "224" F -1592.966 MX 371.5682 MY 7744.249
POINTLOAD "EXP" "225" F 59.5695 MX -29.7132 MY 4463.003
POINTLOAD "EXP" "226" F -58.06962 MX 35.30026 MY 4459.719
POINTLOAD "EXP" "227" F 1104.327 MX -300.4652 MY 7170.223
POINTLOAD "EXP" "228" F -1171.427 MX -169.4732 MY 7269.115
POINTLOAD "EXP" "230" F 1238.477 MX 217.1477 MY 7004.987
POINTLOAD "EXP" "232" F 1734.002 MX -304.7545 MY 8181.69
POINTLOAD "EXP" "233" F -1763.301 MX 315.5564 MY 8175.463
POINTLOAD "EXP" "234" F 31.36644 MX -52.92833 MY 7891.572
POINTLOAD "EXP" "235" F -31.90431 MX 57.28983 MY 7891.552
POINTLOAD "EXP" "238" F 27.68231 MX -24.35915 MY 4652.695
POINTLOAD "EXP" "239" F -28.35869 MX 30.84266 MY 4660.938
LOAD "EYP" TYPE QUAKE SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "EYP" "185" F -493.5653 MX -6120.179 MY 389.0596
POINTLOAD "EYP" "186" F 0.9180808 MX -3045.653 MY 7.728622
POINTLOAD "EYP" "187" F 434.6799 MX -6115.867 MY -357.7998
POINTLOAD "EYP" "203" F -1029.109 MX -6093.615 MY -279.8754
POINTLOAD "EYP" "204" F 1168.016 MX -5967.105 MY 286.0546
POINTLOAD "EYP" "205" F -134.3342 MX -5632.919 MY 354.8018
POINTLOAD "EYP" "206" F 122.3757 MX -5609.988 MY -334.4677
POINTLOAD "EYP" "197" F -751.9978 MX -6580.441 MY 385.4095
POINTLOAD "EYP" "191" F 3.182733 MX -3275.478 MY 13.22492
POINTLOAD "EYP" "188" F 642.3633 MX -6572.289 MY -358.5531
POINTLOAD "EYP" "207" F -823.1778 MX -6776.411 MY -321.4634
POINTLOAD "EYP" "198" F 918.1784 MX -6659.112 MY 386.5584
POINTLOAD "EYP" "208" F -187.9515 MX -6131.586 MY 354.7774
POINTLOAD "EYP" "209" F 165.649 MX -6088.897 MY -334.4727
POINTLOAD "EYP" "193" F -802.7436 MX -7064.118 MY 387.0593
POINTLOAD "EYP" "194" F 9.577466E-02 MX -3524.492 MY -27.60787
POINTLOAD "EYP" "189" F 687.289 MX -7055.6 MY -351.619
POINTLOAD "EYP" "210" F -873.6784 MX -7357.651 MY -328.5778
POINTLOAD "EYP" "199" F 989.5605 MX -7119.147 MY 272.2807
POINTLOAD "EYP" "211" F -200.7923 MX -6580.935 MY 354.7884
POINTLOAD "EYP" "212" F 177.3243 MX -6535.994 MY -334.4265
POINTLOAD "EYP" "196" F -532.0147 MX -7494.754 MY 385.1947
POINTLOAD "EYP" "195" F -17.09943 MX -3998.319 MY -27.59899
POINTLOAD "EYP" "190" F 469.3911 MX -7490.271 MY -354.3854
POINTLOAD "EYP" "219" F -1315.277 MX -7584.694 MY -314.8496
POINTLOAD "EYP" "217" F 1505.253 MX -7297.991 MY 322.3566
POINTLOAD "EYP" "220" F -149.5031 MX -6875.581 MY 354.776
POINTLOAD "EYP" "221" F 136.8149 MX -6851.215 MY -334.4449
POINTLOAD "EYP" "223" F -584.2065 MX -6102.718 MY 531.8807
POINTLOAD "EYP" "224" F -866.9412 MX -7310.46 MY 301.6606
POINTLOAD "EYP" "225" F 6.708837 MX -3097.054 MY 214.0282
POINTLOAD "EYP" "226" F 4.255666 MX -3213.171 MY 83.95392
POINTLOAD "EYP" "227" F 6.823398 MX -5483.265 MY 14.80648
POINTLOAD "EYP" "228" F -0.2055703 MX -5686.397 MY 20.75945
POINTLOAD "EYP" "230" F -14.68598 MX -6341.375 MY -52.04167
POINTLOAD "EYP" "232" F 508.434 MX -6090.933 MY -484.3325
POINTLOAD "EYP" "233" F 769.6779 MX -7296.321 MY -280.7692
POINTLOAD "EYP" "234" F 31.24075 MX -6451.537 MY -359.2594
POINTLOAD "EYP" "235" F 35.48405 MX -6650.713 MY -350.3769
POINTLOAD "EYP" "238" F -3.966552 MX -2933.835 MY -187.3359
POINTLOAD "EYP" "239" F -2.466304 MX -3031.687 MY -103.5768
LOAD "EXN" TYPE QUAKE SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "EXN" "185" F -631.8358 MX 560.9074 MY 8070.192
POINTLOAD "EXN" "186" F -1026.353 MX 317.7986 MY 3581.156
POINTLOAD "EXN" "187" F -650.0615 MX 662.9325 MY 7406.013
POINTLOAD "EXN" "203" F -859.8312 MX 836.525 MY 7710.391
POINTLOAD "EXN" "204" F -1113.421 MX 383.0204 MY 8015.049
POINTLOAD "EXN" "205" F -126.2089 MX 300.4617 MY 5359.216
POINTLOAD "EXN" "206" F -136.481 MX 800.7243 MY 4742.637
POINTLOAD "EXN" "197" F 38.56497 MX 215.3045 MY 8048.051
POINTLOAD "EXN" "191" F 990.2069 MX 113.2467 MY 3712.643
POINTLOAD "EXN" "188" F -14.59701 MX 213.36 MY 7383.691
POINTLOAD "EXN" "207" F 62.08904 MX 182.3433 MY 8481.007
POINTLOAD "EXN" "198" F 16.90506 MX 287.1249 MY 8779.67
POINTLOAD "EXN" "208" F 9.00806 MX 204.957 MY 5359.069
POINTLOAD "EXN" "209" F -4.058023 MX 195.8635 MY 4742.488
POINTLOAD "EXN" "193" F -35.69447 MX -219.8019 MY 8048.014
POINTLOAD "EXN" "194" F -970.2468 MX -69.64689 MY 3558.35
POINTLOAD "EXN" "189" F 8.584901 MX -217.6359 MY 7383.636
POINTLOAD "EXN" "210" F -95.58615 MX -145.9557 MY 8485.21
POINTLOAD "EXN" "199" F 4.456573 MX -253.3511 MY 8779.353
POINTLOAD "EXN" "211" F -8.456415 MX -208.0392 MY 5359.069
POINTLOAD "EXN" "212" F 2.871169 MX -197.7204 MY 4742.488
POINTLOAD "EXN" "196" F 619.7399 MX -566.5369 MY 8070.247
POINTLOAD "EXN" "195" F 96.52779 MX -311.5366 MY 3696.547
POINTLOAD "EXN" "190" F 638.3498 MX -666.8168 MY 7406.072
POINTLOAD "EXN" "219" F 781.2929 MX -775.4306 MY 7706.524
POINTLOAD "EXN" "217" F 1044.646 MX -435.8885 MY 8011.463
POINTLOAD "EXN" "220" F 123.71 MX -309.3704 MY 5359.217
POINTLOAD "EXN" "221" F 134.1437 MX -800.3699 MY 4742.637
POINTLOAD "EXN" "223" F 1770.011 MX 509.4315 MY 8347.225
POINTLOAD "EXN" "224" F -1798.439 MX -507.152 MY 8341.358
POINTLOAD "EXN" "225" F 61.47255 MX 51.92463 MY 4676.28
POINTLOAD "EXN" "226" F -59.92079 MX -51.46429 MY 4672.913
POINTLOAD "EXN" "227" F 1105.85 MX 475.6178 MY 7187.748
POINTLOAD "EXN" "228" F -1173.785 MX 295.7735 MY 7286.814
POINTLOAD "EXN" "230" F 1225.995 MX -259.5853 MY 6923.904
POINTLOAD "EXN" "232" F 1545.757 MX 561.3669 MY 7622.544
POINTLOAD "EXN" "233" F -1574.082 MX -561.5469 MY 7616.483
POINTLOAD "EXN" "234" F 28.389 MX 86.79604 MY 7372.337
POINTLOAD "EXN" "235" F -28.86915 MX -91.39465 MY 7372.323
POINTLOAD "EXN" "238" F 26.73487 MX 43.57933 MY 4440.711
POINTLOAD "EXN" "239" F -27.3741 MX -42.25445 MY 4448.494
LOAD "EYN" TYPE QUAKE SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "EYN" "185" F -534.8201 MX -7502.241 MY -385.0554
POINTLOAD "EYN" "186" F 4.41584 MX -3765.299 MY -3.848175
POINTLOAD "EYN" "187" F 468.4943 MX -7497.412 MY 369.3644
POINTLOAD "EYN" "203" F -1342.804 MX -7495.809 MY 313.463
POINTLOAD "EYN" "204" F 1514.416 MX -7335.108 MY -305.4514
POINTLOAD "EYN" "205" F -150.194 MX -6882.983 MY -356.4403
POINTLOAD "EYN" "206" F 136.7322 MX -6857.162 MY 345.9936
POINTLOAD "EYN" "197" F -805.6158 MX -7062.919 MY -386.8673
POINTLOAD "EYN" "191" F 0.518124 MX -3505.592 MY 1.155056
POINTLOAD "EYN" "188" F 687.1772 MX -7054.111 MY 366.5141
POINTLOAD "EYN" "207" F -885.9977 MX -7280.545 MY 327.7407
POINTLOAD "EYN" "198" F 986.5464 MX -7155.096 MY -257.0771
POINTLOAD "EYN" "208" F -201.409 MX -6580.687 MY -356.4524
POINTLOAD "EYN" "209" F 177.3147 MX -6534.572 MY 345.9746
POINTLOAD "EYN" "193" F -748.4769 MX -6569.301 MY -385.2195
POINTLOAD "EYN" "194" F -13.78185 MX -3285.582 MY 28.48991
POINTLOAD "EYN" "189" F 641.0506 MX -6561.375 MY 373.4403
POINTLOAD "EYN" "210" F -812.2502 MX -6832.537 MY 321.1792
POINTLOAD "EYN" "199" F 918.1951 MX -6612.754 MY -371.1479
POINTLOAD "EYN" "211" F -187.1433 MX -6120.566 MY -356.4414
POINTLOAD "EYN" "212" F 165.3077 MX -6078.748 MY 346.0208
POINTLOAD "EYN" "196" F -490.1981 MX -6100.35 MY -388.9146
POINTLOAD "EYN" "195" F -12.64593 MX -3236.954 MY 30.79567
POINTLOAD "EYN" "190" F 434.6476 MX -6096.346 MY 372.7767
POINTLOAD "EYN" "219" F -1002.462 MX -6156.012 MY 278.442
POINTLOAD "EYN" "217" F 1155.783 MX -5927.076 MY -269.1522
POINTLOAD "EYN" "220" F -133.4673 MX -5614.281 MY -356.466
POINTLOAD "EYN" "221" F 122.2042 MX -5592.66 MY 346.0164
POINTLOAD "EYN" "223" F -884.6071 MX -7285.014 MY -281.2935
POINTLOAD "EYN" "224" F -566.1595 MX -6113.646 MY -511.5183
POINTLOAD "EYN" "225" F 3.9014439 MX -3208.588 MY -78.55673
POINTLOAD "EYN" "226" F 6.977107 MX -3094.894 MY -208.4772
POINTLOAD "EYN" "227" F 4.769207 MX -6535.54 MY -8.662114
POINTLOAD "EYN" "228" F 3.244974 MX -6321.245 MY -2.90745
POINTLOAD "EYN" "230" F 3.537974 MX -5691.697 MY 57.92445
POINTLOAD "EYN" "232" F 783.9489 MX -7270.975 MY 277.9877
POINTLOAD "EYN" "233" F 492.693 MX -6101.838 MY 481.2906
POINTLOAD "EYN" "234" F 35.8024 MX -6646.728 MY 365.3481
POINTLOAD "EYN" "235" F 30.84307 MX -6443.623 MY 374.2221
POINTLOAD "EYN" "238" F -2.595575 MX -3025.989 MY 104.3061
POINTLOAD "EYN" "239" F -3.892574 MX -2932.759 MY 188.7492
LOAD "WX" TYPE WIND SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "WX" "185" F -968.0648 MX 363.8416 MY 8031.95
POINTLOAD "WX" "186" F -1449.293 MX 215.2697 MY 3634.899
POINTLOAD "WX" "187" F -931.5299 MX 369.4744 MY 7232.488
POINTLOAD "WX" "203" F -1914.26 MX 640.8676 MY 7629.19
POINTLOAD "WX" "204" F -2071.383 MX 187.926 MY 8090.84
POINTLOAD "WX" "205" F -739.9426 MX -206.9609 MY 6058.301
POINTLOAD "WX" "206" F -736.048 MX 852.5608 MY 5315.674
POINTLOAD "WX" "197" F -1154.298 MX -53.87542 MY 8023.757
POINTLOAD "WX" "191" F -47.56642 MX -35.46406 MY 3667.144
POINTLOAD "WX" "188" F -1001.316 MX -182.2742 MY 7205.956
POINTLOAD "WX" "207" F -2698.743 MX -92.01988 MY 8248.105
POINTLOAD "WX" "198" F -2876.707 MX -134.4793 MY 8048.137
POINTLOAD "WX" "208" F -1366.089 MX -880.5082 MY 5408.625
POINTLOAD "WX" "209" F -1333.325 MX 620.8777 MY 4665.876
POINTLOAD "WX" "193" F -1297.243 MX -581.4018 MY 7994.451
POINTLOAD "WX" "194" F -2050.411 MX -395.8766 MY 3625.571
POINTLOAD "WX" "189" F -912.9779 MX -705.4743 MY 7214.697
POINTLOAD "WX" "210" F -2592.252 MX -602.7219 MY 8459.716
POINTLOAD "WX" "199" F -3173.809 MX -797.9237 MY 9680.588
POINTLOAD "WX" "211" F -1397.859 MX -1398.712 MY 5298.635
POINTLOAD "WX" "212" F -1312.792 MX 123.4734 MY 4556.139
POINTLOAD "WX" "196" F 206.3761 MX -1019.338 MY 8030.137
POINTLOAD "WX" "195" F -1302.069 MX -628.6575 MY 4032.487
POINTLOAD "WX" "190" F 315.3522 MX -1207.034 MY 7231.416
POINTLOAD "WX" "219" F -383.8291 MX -1263.172 MY 7639.895
POINTLOAD "WX" "217" F -197.0348 MX -1051 MY 8108.915
POINTLOAD "WX" "220" F -506.813 MX -1071.191 MY 4649.252
POINTLOAD "WX" "221" F -472.8179 MX -956.7105 MY 3906.629
POINTLOAD "WX" "223" F 873.8093 MX 460.5806 MY 8402.875
POINTLOAD "WX" "224" F -2633.626 MX -888.5076 MY 8498.213
POINTLOAD "WX" "225" F -359.4452 MX -112.2902 MY 4211.025
POINTLOAD "WX" "226" F -494.8325 MX -245.3111 MY 5203.889
POINTLOAD "WX" "227" F 2.183158 MX 280.9161 MY 7518.204
POINTLOAD "WX" "228" F -3270.259 MX 38.66652 MY 6971.104
POINTLOAD "WX" "230" F -1245.226 MX -876.4532 MY 7263.558
POINTLOAD "WX" "232" F 725.9647 MX 174.6341 MY 7397.842
POINTLOAD "WX" "233" F -2264.884 MX -1269.717 MY 7637.51
POINTLOAD "WX" "234" F -266.5006 MX -251.0446 MY 7207.393
POINTLOAD "WX" "235" F -313.8728 MX -465.4634 MY 7190.056
POINTLOAD "WX" "238" F -18.95653 MX -118.2954 MY 3851.823
POINTLOAD "WX" "239" F -64.41007 MX -232.72 MY 4860.945
LOAD "WY" TYPE WIND SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "WY" "185" F -671.4848 MX -11416.3 MY -588.0997
POINTLOAD "WY" "186" F 183.1636 MX -5821.861 MY -65.68016
POINTLOAD "WY" "187" F 823.4416 MX -11379.11 MY 322.8659
POINTLOAD "WY" "203" F -1565.904 MX -11676.02 MY 304.5499
POINTLOAD "WY" "204" F 2581.026 MX -11404.57 MY -503.6715
POINTLOAD "WY" "205" F -12.46958 MX -10353.01 MY -753.0766
POINTLOAD "WY" "206" F 416.3785 MX -10521.5 MY 97.21637
POINTLOAD "WY" "197" F -801.2784 MX -10892.97 MY -595.7711
POINTLOAD "WY" "191" F 325.6636 MX -5496.828 MY -27.85995
POINTLOAD "WY" "188" F 1371.645 MX -10836.48 MY 321.2009
POINTLOAD "WY" "207" F -393.6748 MX -11473.93 MY 351.5393
POINTLOAD "WY" "198" F 2482.564 MX -11220.74 MY -173.3812
POINTLOAD "WY" "208" F 167.4819 MX -9850.787 MY -530.4005
POINTLOAD "WY" "209" F 723.7434 MX -10299.79 MY 319.9325
POINTLOAD "WY" "193" F -714.1306 MX -10294.42 MY -583.1248
POINTLOAD "WY" "194" F 383.7619 MX -5182.951 MY -31.97617
POINTLOAD "WY" "189" F 1299.554 MX -10239.14 MY 328.7517
POINTLOAD "WY" "210" F -397.1244 MX -10899.84 MY 241.9967
POINTLOAD "WY" "199" F 2509.075 MX -10520.87 MY -879.2327
POINTLOAD "WY" "211" F 188.3188 MX -9286.876 MY -492.6722
POINTLOAD "WY" "212" F 705.9947 MX -9741.749 MY 357.6269
POINTLOAD "WY" "196" F -634.6617 MX -9721.437 MY -593.7565
POINTLOAD "WY" "195" F 456.4036 MX -5240.329 MY -115.7581
POINTLOAD "WY" "190" F 762.8191 MX -9682.274 MY 328.8173
POINTLOAD "WY" "219" F -1227.177 MX -9983.873 MY 238.5224
POINTLOAD "WY" "217" F 2223.021 MX -9586.985 MY -447.0822
POINTLOAD "WY" "220" F 4.033071 MX -8824.082 MY -270.0158
POINTLOAD "WY" "221" F 394.9773 MX -8983.266 MY 580.3545
POINTLOAD "WY" "223" F -1002.378 MX -11435.29 MY -430.7993
POINTLOAD "WY" "224" F -569.7249 MX -9931.485 MY -801.9335
POINTLOAD "WY" "225" F 145.0852 MX -5067.491 MY -4.157729
POINTLOAD "WY" "226" F 158.9388 MX -4922.367 MY -505.1318
POINTLOAD "WY" "227" F 350.3617 MX -10253.92 MY -206.1587
POINTLOAD "WY" "228" F 760.0588 MX -9969.361 MY 21.32853
POINTLOAD "WY" "230" F 808.3696 MX -9105.199 MY -116.35
POINTLOAD "WY" "232" F 1334.971 MX -11302 MY 271.121
POINTLOAD "WY" "233" F 1091.894 MX -9796.963 MY 485.0127
POINTLOAD "WY" "234" F 151.5491 MX -10279.64 MY 314.8379
POINTLOAD "WY" "235" F 146.4761 MX -10033.94 MY 334.5231
POINTLOAD "WY" "238" F 11.48985 MX -4816.131 MY 248.4913
POINTLOAD "WY" "239" F 9.506987 MX -4694.587 MY 2.004931
LOAD "WAH" TYPE OTHER SELFWEIGHT 0 LTDFACTOR 1
LOAD "WAN" TYPE OTHER SELFWEIGHT 0 LTDFACTOR 1
$ LOADING COMBINATIONS
COMBO "BASE01"
COMBOFACTOR "BASE01" "DL" 1
COMBOFACTOR "BASE01" "SDL" 1
COMBOFACTOR "BASE01" "WAH" 1
COMBO "BASE02"
COMBOFACTOR "BASE02" "DL" 1
COMBOFACTOR "BASE02" "SDL" 1
COMBOFACTOR "BASE02" "WAN" 1
COMBO "BASE03"
COMBOFACTOR "BASE03" "DL" 1
COMBOFACTOR "BASE03" "SDL" 1
COMBOFACTOR "BASE03" "LL" 1
COMBOFACTOR "BASE03" "WAH" 1
COMBO "BASE04"
COMBOFACTOR "BASE04" "DL" 1
COMBOFACTOR "BASE04" "SDL" 1
COMBOFACTOR "BASE04" "LL" 1
COMBOFACTOR "BASE04" "WAN" 1
COMBO "BASE05"
COMBOFACTOR "BASE05" "DL" 1
COMBOFACTOR "BASE05" "SDL" 1
COMBOFACTOR "BASE05" "LL" 1
COMBOFACTOR "BASE05" "EXP" 1
COMBOFACTOR "BASE05" "WAH" 1
COMBO "BASE06"
COMBOFACTOR "BASE06" "DL" 1
COMBOFACTOR "BASE06" "SDL" 1
COMBOFACTOR "BASE06" "LL" 1
COMBOFACTOR "BASE06" "EXP" 1
COMBOFACTOR "BASE06" "WAN" 1
COMBO "BASE07"
COMBOFACTOR "BASE07" "DL" 1
COMBOFACTOR "BASE07" "SDL" 1
COMBOFACTOR "BASE07" "LL" 1
COMBOFACTOR "BASE07" "EYP" 1
COMBOFACTOR "BASE07" "WAH" 1
COMBO "BASE08"
COMBOFACTOR "BASE08" "DL" 1
COMBOFACTOR "BASE08" "SDL" 1
COMBOFACTOR "BASE08" "LL" 1
COMBOFACTOR "BASE08" "EYP" 1
COMBOFACTOR "BASE08" "WAN" 1
COMBO "BASE09"
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COMBOFACTOR "BASE09"  "DL"  1
COMBOFACTOR "BASE09"  "SDL"  1
COMBOFACTOR "BASE09"  "LL"  1
COMBOFACTOR "BASE09"  "EXN"  1
COMBOFACTOR "BASE09"  "WAH"  1
COMBO "BASE10"
COMBOFACTOR "BASE10"  "DL"  1
COMBOFACTOR "BASE10"  "SDL"  1
COMBOFACTOR "BASE10"  "LL"  1
COMBOFACTOR "BASE10"  "EXN"  1
COMBOFACTOR "BASE10"  "WAN"  1
COMBO "BASE11"
COMBOFACTOR "BASE11"  "DL"  1
COMBOFACTOR "BASE11"  "SDL"  1
COMBOFACTOR "BASE11"  "LL"  1
COMBOFACTOR "BASE11"  "EYN"  1
COMBOFACTOR "BASE11"  "WAH"  1
COMBO "BASE12"
COMBOFACTOR "BASE12"  "DL"  1
COMBOFACTOR "BASE12"  "SDL"  1
COMBOFACTOR "BASE12"  "LL"  1
COMBOFACTOR "BASE12"  "EYN"  1
COMBOFACTOR "BASE12"  "WAN"  1
COMBO "BASE13"
COMBOFACTOR "BASE13"  "DL"  1
COMBOFACTOR "BASE13"  "SDL"  1
COMBOFACTOR "BASE13"  "LL"  1
COMBOFACTOR "BASE13"  "EXP"  -1
COMBOFACTOR "BASE13"  "WAH"  1
COMBO "BASE14"
COMBOFACTOR "BASE14"  "DL"  1
COMBOFACTOR "BASE14"  "SDL"  1
COMBOFACTOR "BASE14"  "LL"  1
COMBOFACTOR "BASE14"  "EXP"  -1
COMBOFACTOR "BASE14"  "WAN"  1
COMBO "BASE15"
COMBOFACTOR "BASE15"  "DL"  1
COMBOFACTOR "BASE15"  "SDL"  1
COMBOFACTOR "BASE15"  "LL"  1
COMBOFACTOR "BASE15"  "EYP"  -1
COMBOFACTOR "BASE15"  "WAH"  1
COMBO "BASE16"
COMBOFACTOR "BASE16"  "DL"  1
COMBOFACTOR "BASE16"  "SDL"  1
COMBOFACTOR "BASE16"  "LL"  1
COMBOFACTOR "BASE16"  "EYP"  -1
COMBOFACTOR "BASE16"  "WAN"  1
COMBO "BASE17"
COMBOFACTOR "BASE17"  "DL"  1
COMBOFACTOR "BASE17"  "SDL"  1
COMBOFACTOR "BASE17"  "LL"  1
COMBOFACTOR "BASE17"  "EXN"  -1
COMBOFACTOR "BASE17"  "WAH"  1
COMBO "BASE18"
COMBOFACTOR "BASE18"  "DL"  1
COMBOFACTOR "BASE18"  "SDL"  1
COMBOFACTOR "BASE18"  "LL"  1
COMBOFACTOR "BASE18"  "EXN"  -1
COMBOFACTOR "BASE18"  "WAN"  1
COMBO "BASE19"
COMBOFACTOR "BASE19"  "DL"  1
COMBOFACTOR "BASE19"  "SDL"  1
COMBOFACTOR "BASE19"  "LL"  1
COMBOFACTOR "BASE19"  "EYN"  -1
COMBOFACTOR "BASE19"  "WAH"  1
COMBO "BASE20"
COMBOFACTOR "BASE20"  "DL"  1
COMBOFACTOR "BASE20"  "SDL"  1
COMBOFACTOR "BASE20"  "LL"  1
COMBOFACTOR "BASE20"  "EYN"  -1
COMBOFACTOR "BASE20"  "WAN"  1
COMBO "BASE21"  TYPE  DESIGN
COMBOFACTOR "BASE21"  "DL"  1.4
COMBOFACTOR "BASE21"  "SDL"  1.4
COMBOFACTOR "BASE21"  "WAH"  1.4
COMBO "BASE22"  TYPE  DESIGN
COMBOFACTOR "BASE22"  "DL"  1.4
COMBOFACTOR "BASE22"  "SDL"  1.4
COMBOFACTOR "BASE22"  "WAN"  1.4
COMBO "BASE23"  TYPE  DESIGN
COMBOFACTOR "BASE23"  "DL"  1.2
COMBOFACTOR "BASE23"  "SDL"  1.2
COMBOFACTOR "BASE23"  "LL"  1.6
COMBOFACTOR "BASE23"  "WAH"  1.2
COMBO "BASE24"  TYPE  DESIGN
COMBOFACTOR "BASE24"  "DL"  1.2
COMBOFACTOR "BASE24"  "SDL"  1.2
COMBOFACTOR "BASE24"  "LL"  1.6
COMBOFACTOR "BASE24"  "WAN"  1.2
COMBO "BASE25"  TYPE  DESIGN
COMBOFACTOR "BASE25"  "DL"  1.2
COMBOFACTOR "BASE25"  "SDL"  1.2
COMBOFACTOR "BASE25"  "LL"  1
COMBOFACTOR "BASE25"  "EXP"  1.4
COMBO "BASE26"  TYPE  DESIGN
COMBOFACTOR "BASE26"  "DL"  1.2
COMBOFACTOR "BASE26"  "SDL"  1.2
COMBOFACTOR "BASE26"  "LL"  1
COMBOFACTOR "BASE26"  "EYP"  1.4
COMBO "BASE27"  TYPE  DESIGN
COMBOFACTOR "BASE27"  "DL"  1.2
COMBOFACTOR "BASE27"  "SDL"  1.2
COMBOFACTOR "BASE27"  "LL"  1
COMBOFACTOR "BASE27"  "EXN"  1.4
COMBO "BASE28"  TYPE  DESIGN
COMBOFACTOR "BASE28"  "DL"  1.2
COMBOFACTOR "BASE28"  "SDL"  1.2
COMBOFACTOR "BASE28"  "LL"  1
COMBOFACTOR "BASE28"  "EYN"  1.4
COMBO "BASE29"  TYPE  DESIGN
COMBOFACTOR "BASE29"  "DL"  1.2
COMBOFACTOR "BASE29"  "SDL"  1.2
COMBOFACTOR "BASE29"  "LL"  1
COMBOFACTOR "BASE29"  "EXP"  -1.4
COMBO "BASE30"  TYPE  DESIGN
COMBOFACTOR "BASE30"  "DL"  1.2
COMBOFACTOR "BASE30"  "SDL"  1.2
COMBOFACTOR "BASE30"  "LL"  1
COMBOFACTOR "BASE30"  "EYP"  -1.4
COMBO "BASE31"  TYPE  DESIGN
COMBOFACTOR "BASE31"  "DL"  1.2
COMBOFACTOR "BASE31"  "SDL"  1.2
COMBOFACTOR "BASE31"  "LL"  1
COMBOFACTOR "BASE31"  "EXN"  -1.4
COMBO "BASE32"  TYPE  DESIGN
COMBOFACTOR "BASE32"  "DL"  1.2
COMBOFACTOR "BASE32"  "SDL"  1.2
COMBOFACTOR "BASE32"  "LL"  1
COMBOFACTOR "BASE32"  "EYN"  -1.4
COMBO "BASE33"  TYPE  DESIGN
COMBOFACTOR "BASE33"  "DL"  0.9
COMBOFACTOR "BASE33"  "SDL"  0.9
COMBOFACTOR "BASE33"  "EXP"  1.4
COMBO "BASE34"  TYPE  DESIGN
COMBOFACTOR "BASE34"  "DL"  0.9
COMBOFACTOR "BASE34"  "SDL"  0.9
COMBOFACTOR "BASE34"  "EYP"  1.4
COMBO "BASE35"  TYPE  DESIGN
COMBOFACTOR "BASE35"  "DL"  0.9
COMBOFACTOR "BASE35"  "SDL"  0.9
COMBOFACTOR "BASE35"  "EXN"  1.4
COMBO "BASE36"  TYPE  DESIGN
COMBOFACTOR "BASE36"  "DL"  0.9
COMBOFACTOR "BASE36"  "SDL"  0.9
COMBOFACTOR "BASE36"  "EYN"  1.4
COMBO "BASE37"  TYPE  DESIGN
COMBOFACTOR "BASE37"  "DL"  0.9
COMBOFACTOR "BASE37"  "SDL"  0.9
COMBOFACTOR "BASE37"  "EXP"  -1.4
COMBO "BASE38"  TYPE  DESIGN
COMBOFACTOR "BASE38"  "DL"  0.9
COMBOFACTOR "BASE38"  "SDL"  0.9
COMBOFACTOR "BASE38"  "EYP"  -1.4
COMBO "BASE39"  TYPE  DESIGN
COMBOFACTOR "BASE39"  "DL"  0.9
COMBOFACTOR "BASE39"  "SDL"  0.9
COMBOFACTOR "BASE39"  "EXN"  -1.4
COMBO "BASE40"  TYPE  DESIGN
COMBOFACTOR "BASE40"  "DL"  0.9
COMBOFACTOR "BASE40"  "SDL"  0.9
COMBOFACTOR "BASE40"  "EYN"  -1.4
$ STRIP DEFINITIONS
XSTRIP  "16"  390  135  810  135  810  605.5  390  605.5
XSTRIP  "17"  810  135  390  135  390  0  810  0
XSTRIP  "18"  390  605.5  810  605.5  810  720  390  720
XSTRIP  "19"  0  360  390  360  390  720  0  720
XSTRIP  "20"  390  360  0  360  0  0  390  0
XSTRIP  "21"  810  427.5  1200  427.5  1200  720  810  720
XSTRIP  "22"  1200  427.5  810  427.5  810  0  1200  0
XSTRIP  "23"  -37.5  832.5  37.5  832.5  37.5  907.5  -37.5  907.5
XSTRIP  "24"  352.5  832.5  427.5  832.5  427.5  907.5  352.5  907.5
XSTRIP  "25"  772.5  832.5  847.5  832.5  847.5  907.5  772.5  907.5
XSTRIP  "26"  1162.5  832.5  1237.5  832.5  1237.5  907.5  1162.5  907.5
XSTRIP  "27"  1162.5  -187.5  1237.5  -187.5  1237.5  -112.5  1162.5  -112.5
XSTRIP  "28"  772.5  -187.5  847.5  -187.5  847.5  -112.5  772.5  -112.5
XSTRIP  "29"  352.5  -187.5  427.5  -187.5  427.5  -112.5  352.5  -112.5
XSTRIP  "30"  -37.5  -187.5  37.5  -187.5  37.5  -112.5  -37.5  -112.5
YSTRIP  "31"  390  135  810  135  810  605.5  390  605.5
YSTRIP  "32"  810  135  390  135  390  0  810  0
YSTRIP  "33"  390  605.5  810  605.5  810  720  390  720
YSTRIP  "34"  0  360  390  360  390  720  0  720
YSTRIP  "35"  390  360  0  360  0  0  390  0
YSTRIP  "36"  810  427.5  1200  427.5  1200  720  810  720
YSTRIP  "37"  1200  427.5  810  427.5  810  0  1200  0
YSTRIP  "38"  -37.5  832.5  37.5  832.5  37.5  907.5  -37.5  907.5
YSTRIP  "39"  352.5  832.5  427.5  832.5  427.5  907.5  352.5  907.5
YSTRIP  "40"  772.5  832.5  847.5  832.5  847.5  907.5  772.5  907.5
YSTRIP  "41"  1162.5  832.5  1237.5  832.5  1237.5  907.5  1162.5  907.5
YSTRIP  "42"  1162.5  -187.5  1237.5  -187.5  1237.5  -112.5  1162.5  -112.5
YSTRIP  "43"  772.5  -187.5  847.5  -187.5  847.5  -112.5  772.5  -112.5
YSTRIP  "44"  352.5  -187.5  427.5  -187.5  427.5  -112.5  352.5  -112.5
YSTRIP  "45"  -37.5  -187.5  37.5  -187.5  37.5  -112.5  -37.5  -112.5
$ GROUPS
END
$ END OF MODEL FILE
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Lo-Lat Structure Studio

X - S T R I P R E I N F O R C I N G (for whole strip in Sq-cm)

X-STRIP ID	STRIP WIDTH	STATION X-ORDINATE	TOP-REBAR LEFT OF X	TOP-REBAR RIGHT OF X	BOT-REBAR LEFT OF X	BOT-REBAR RIGHT OF X
24	75.000	352.500		0.000		5.424
24	75.000	390.000	0.000	0.000	5.424	5.424
24	75.000	427.500	0.000		5.424	
25	75.000	772.500		0.000		5.424
25	75.000	810.000	0.000	0.000	5.424	5.424
25	75.000	847.500	0.000		5.424	
23	75.000	-37.500		0.000		5.424
23	75.000	0.000	0.000	0.000	5.424	5.424
23	75.000	37.500	0.000		5.424	
26	75.000	1162.500		0.000		5.424
26	75.000	1200.000	0.000	0.000	5.424	5.424
26	75.000	1237.500	0.000		5.424	
18	114.500	390.000		8.280		8.280
18	114.500	427.500	8.280	8.280	0.000	0.000
18	114.500	495.000	8.280	8.280		
18	114.500	510.000	8.280	8.280		0.000
18	114.500	600.000	8.280	8.280		
18	114.500	690.000	8.280	8.280		
18	114.500	705.000	8.280	8.280		
18	114.500	772.500	8.280	8.280		
18	114.500	810.000	8.280		0.000	
21	292.500	810.000		21.152		0.000
21	292.500	847.500	21.152	21.152		
21	292.500	930.000	21.152	21.152		
21	292.500	1005.000	21.152	21.152		
21	292.500	1080.000	21.152	21.152	21.152	0.000
21	292.500	1162.500	21.152	21.152	0.000	0.000
21	292.500	1200.000	0.000		21.152	
19	360.000	0.000		0.000		26.034
19	360.000	37.500	26.034	26.034	0.000	26.034
19	360.000	120.000	26.034	26.034	26.034	26.034
19	360.000	195.000	26.034	26.034	26.034	0.000
19	360.000	270.000	26.034	26.034	0.000	0.000
19	360.000	352.500	26.034	26.034	26.034	26.034
19	360.000	390.000	26.034		26.034	
16	470.500	390.000		34.025		34.025
16	470.500	427.500	34.025	34.025	0.000	34.025
16	470.500	495.000	34.025	34.025		
16	470.500	510.000	34.025	34.025		
16	470.500	600.000	34.025	34.025		
16	470.500	690.000	34.025	34.025		
16	470.500	705.000	34.025	34.025		
16	470.500	772.500	34.025	34.025		
16	470.500	810.000	34.025		0.000	
22	427.500	810.000		30.915		0.000
22	427.500	847.500	30.915	30.915		
22	427.500	930.000	30.915	30.915		
22	427.500	1005.000	30.915	30.915		
22	427.500	1080.000	30.915	30.915	0.000	0.000
22	427.500	1162.500	30.915	30.915	0.000	0.000
22	427.500	1200.000	0.000		30.915	
20	360.000	0.000		26.034		26.034
20	360.000	37.500	26.034	26.034	0.000	26.034
20	360.000	120.000	26.034	26.034	26.034	26.034
20	360.000	195.000	26.034	26.034	26.034	26.034
20	360.000	270.000	26.034	26.034	0.000	0.000
20	360.000	352.500	26.034	26.034	26.034	26.034
20	360.000	390.000	26.034		26.034	
17	135.000	390.000		9.763		9.763
17	135.000	427.500	9.763	9.763	9.763	9.763
17	135.000	495.000	9.763	9.763		
17	135.000	510.000	9.763	9.763		
17	135.000	600.000	9.763	9.763		
17	135.000	690.000	9.763	9.763		
17	135.000	705.000	9.763	9.763		
17	135.000	772.500	9.763	9.763		
17	135.000	810.000	9.763		0.000	
30	75.000	-37.500		0.000		5.424
30	75.000	0.000	0.000	0.000	5.424	5.424
30	75.000	37.500	0.000		5.424	
29	75.000	352.500		0.000		5.424
29	75.000	390.000	0.000	0.000	5.424	5.424
29	75.000	427.500	0.000		5.424	
28	75.000	772.500		0.000		5.424
28	75.000	810.000	0.000	0.000	5.424	5.424
28	75.000	847.500	0.000		5.424	
27	75.000	1162.500		0.000		5.424
27	75.000	1200.000	0.000	0.000	5.424	5.424
27	75.000	1237.500	0.000		5.424	

Lo-Lat Structure Studio

Y - S T R I P R E I N F O R C I N G (for whole strip in Sq-cm)

Y-STRIP ID	STRIP WIDTH	STATION Y-ORDINATE	TOP-REBAR LEFT OF Y	TOP-REBAR RIGHT OF Y	BOT-REBAR LEFT OF Y	BOT-REBAR RIGHT OF Y
38	75.000	832.500		0.000		5.424
38	75.000	870.000	0.000	0.000	5.424	5.424
38	75.000	907.500	0.000		5.424	
45	75.000	-187.500		0.000		5.424
45	75.000	-150.000	0.000	0.000	5.424	5.424
45	75.000	-112.500	0.000		5.424	
34	390.000	360.000		28.203		0.000
34	390.000	427.500	28.203	28.203		
34	390.000	516.500	28.203	28.203	0.000	0.000
34	390.000	605.500	28.203	28.203	28.203	0.000
34	390.000	662.750	28.203	28.203	0.000	0.000
34	390.000	720.000	28.203		28.203	
35	390.000	0.000		28.203		28.203
35	390.000	67.500	28.203	28.203	0.000	0.000
35	390.000	135.000	28.203	28.203	28.203	28.203
35	390.000	210.000	28.203	28.203	0.000	0.000
35	390.000	285.000	28.203	28.203		
35	390.000	360.000	28.203		0.000	
39	75.000	832.500		0.000		5.424
39	75.000	870.000	0.000	0.000	5.424	5.424
39	75.000	907.500	0.000		5.424	
44	75.000	-187.500		0.000		5.424
44	75.000	-150.000	0.000	0.000	5.424	5.424
44	75.000	-112.500	0.000		5.424	
31	420.000	135.000		30.373		30.373
31	420.000	210.000	30.373	30.373	0.000	0.000
31	420.000	285.000	30.373	30.373		0.000
31	420.000	360.000	30.373	30.373		
31	420.000	427.500	30.373	30.373		0.000
31	420.000	516.500	30.373	30.373	0.000	0.000
31	420.000	605.500	30.373		30.373	
32	420.000	0.000		30.373		30.373
32	420.000	67.500	30.373	30.373	30.373	0.000
32	420.000	135.000	30.373		0.000	
33	420.000	605.500		30.373		0.000
33	420.000	662.750	30.373	30.373	0.000	0.000
33	420.000	720.000	30.373		30.373	
40	75.000	832.500		0.000		5.424
40	75.000	870.000	0.000	0.000	5.424	5.424
40	75.000	907.500	0.000		5.424	
43	75.000	-187.500		0.000		5.424
43	75.000	-150.000	0.000	0.000	5.424	5.424
43	75.000	-112.500	0.000		5.424	
36	390.000	427.500		28.203		0.000
36	390.000	516.500	28.203	28.203	0.000	0.000
36	390.000	605.500	28.203	28.203	0.000	0.000
36	390.000	662.750	28.203	28.203	0.000	0.000
36	390.000	720.000	28.203		28.203	
37	390.000	0.000		28.203		28.203
37	390.000	67.500	28.203	28.203	0.000	0.000
37	390.000	135.000	28.203	28.203	0.000	0.000
37	390.000	210.000	28.203	28.203	0.000	0.000
37	390.000	285.000	28.203	28.203		
37	390.000	360.000	28.203	28.203		
37	390.000	427.500	28.203		0.000	
41	75.000	832.500		0.000		5.424
41	75.000	870.000	0.000	0.000	5.424	5.424
41	75.000	907.500	0.000		5.424	
42	75.000	-187.500		0.000		5.424
42	75.000	-150.000	0.000	0.000	5.424	5.424
42	75.000	-112.500	0.000		5.424	

Lo-Lat Structure Studio

B E A M R E I N F O R C I N G (flexural in Sq-cm and shear in Sq-cm/meter)

LINE ID	STATION(S) X-ORDINATE	STATION(S) Y-ORDINATE	TOP-REBAR LEFT OF S	TOP-REBAR RIGHT OF S	BOT-REBAR LEFT OF S	BOT-REBAR RIGHT OF S	SHEAR-REBAR LEFT OF S	SHEAR-REBAR RIGHT OF S
B134	0.000	0.000		0.117		0.000		0.000
B134	0.000	67.500	0.484	0.460	0.171	0.079	0.000	0.000
B134	0.000	135.000	0.824	0.874	0.462	0.462	0.000	0.000
B134	0.000	210.000	0.829	0.798	0.000	0.000	0.000	0.000
B134	0.000	285.000	0.628	0.610	0.000	0.000	0.000	0.000
B134	0.000	360.000	0.522		0.000		0.000	
B135	0.000	360.000		0.547		0.000		0.000
B135	0.000	427.500	0.540	0.549	0.000	0.000	0.000	0.000
B135	0.000	516.500	0.721	0.752	0.000	0.000	0.000	0.000
B135	0.000	605.500	0.699	0.662	0.370	0.405	0.000	0.000
B135	0.000	662.750	0.391	0.392	0.067	0.157	0.000	0.000
B135	0.000	720.000	0.135		0.000		0.000	
B136	0.000	720.000		0.107		0.000		0.000
B136	37.500	720.000	0.365	0.332	0.136	0.076	0.000	0.000
B136	120.000	720.000	0.984	1.062	0.569	0.585	0.000	0.000
B136	195.000	720.000	0.933	0.932	0.195	0.193	0.000	0.000
B136	270.000	720.000	0.709	0.705	0.059	0.075	0.000	0.000
B136	352.500	720.000	0.314	0.313	0.067	0.000	0.000	0.000
B136	390.000	720.000	0.153		0.079		0.000	
B137	390.000	720.000		0.281		0.152		0.000
B137	427.500	720.000	0.264	0.260	0.082	0.062	0.000	0.000
B137	495.000	720.000	0.234	0.264	0.000	0.000	0.000	0.000
B137	510.000	720.000	0.243	0.308	0.000	0.000	0.000	0.000
B137	600.000	720.000	0.400	0.396	0.000	0.000	0.000	0.000
B137	690.000	720.000	0.393	0.328	0.000	0.000	0.000	0.000
B137	705.000	720.000	0.362	0.333	0.000	0.000	0.000	0.000
B137	772.500	720.000	0.417	0.419	0.000	0.000	0.000	0.000
B137	810.000	720.000	0.448		0.000		0.000	
B138	810.000	720.000		0.314		0.000		0.000
B138	847.500	720.000	0.511	0.514	0.000	0.000	0.000	0.000
B138	930.000	720.000	0.905	0.906	0.000	0.000	0.000	0.000
B138	1005.000	720.000	1.107	1.104	0.000	0.000	0.000	0.000
B138	1080.000	720.000	1.167	1.089	0.370	0.362	0.000	0.000
B138	1162.500	720.000	0.388	0.408	0.000	0.000	0.000	0.000
B138	1200.000	720.000	0.201		0.000		0.000	
B139	0.000	360.000		0.000		0.000		0.000
B139	37.500	360.000	0.311	0.303	0.120	0.000	0.000	0.000
B139	120.000	360.000	0.609	0.716	0.247	0.270	0.000	0.000
B139	195.000	360.000	0.619	0.675	0.000	0.082	0.000	0.000
B139	270.000	360.000	0.216	0.195	0.000	0.085	0.000	0.000
B139	352.500	360.000	0.464	0.289	0.172	0.127	0.000	0.000
B139	390.000	360.000	0.366		0.242		0.000	
B141	810.000	0.000		0.000		0.058		0.000
B141	810.000	67.500	0.342	0.300	0.072	0.000	0.000	0.000
B141	810.000	135.000	0.384	0.410	0.222	0.203	0.000	0.000
B141	810.000	210.000	0.750	0.701	0.000	0.000	0.000	0.000
B141	810.000	285.000	0.809	0.779	0.000	0.000	0.000	0.000
B141	810.000	360.000	0.699		0.000		0.000	
B142	810.000	360.000		0.743		0.000		0.000
B142	810.000	427.500	0.442	0.430	0.000	0.000	0.000	0.000
B142	810.000	516.500	0.570	0.592	0.000	0.000	0.000	0.000
B142	810.000	605.500	0.359	0.331	0.132	0.150	0.000	0.000
B142	810.000	662.750	0.249	0.271	0.000	0.075	0.000	0.000
B142	810.000	720.000	0.000		0.000		0.000	
B143	810.000	427.500		0.519		0.093		0.000
B143	847.500	427.500	0.467	0.660	0.000	0.000	0.000	0.000
B143	930.000	427.500	0.469	0.540	0.000	0.000	0.000	0.000
B143	1005.000	427.500	0.930	0.874	0.000	0.000	0.000	0.000
B143	1080.000	427.500	0.914	0.812	0.000	0.000	0.000	0.000
B143	1162.500	427.500	0.425	0.382	0.000	0.000	0.000	0.000
B143	1200.000	427.500	0.089		0.124		0.000	
B144	1200.000	0.000		0.123		0.000		0.000
B144	1200.000	67.500	0.360	0.401	0.150	0.078	0.000	0.000
B144	1200.000	135.000	0.646	0.724	0.321	0.312	0.000	0.000
B144	1200.000	210.000	0.765	0.771	0.000	0.000	0.000	0.000
B144	1200.000	285.000	0.691	0.692	0.000	0.000	0.000	0.000
B144	1200.000	360.000	0.546	0.543	0.000	0.000	0.000	0.000
B144	1200.000	427.500	0.391		0.000		0.000	
B145	1200.000	427.500		0.354		0.000		0.000
B145	1200.000	516.500	0.515	0.514	0.000	0.000	0.000	0.000
B145	1200.000	605.500	0.539	0.488	0.283	0.284	0.000	0.000
B145	1200.000	662.750	0.311	0.273	0.079	0.141	0.000	0.000
B145	1200.000	720.000	0.122		0.000		0.000	
B146	0.000	0.000		0.128		0.000		0.000
B146	37.500	0.000	0.358	0.331	0.148	0.090	0.000	0.000
B146	120.000	0.000	0.924	1.018	0.584	0.613	0.000	0.000
B146	195.000	0.000	0.879	0.884	0.207	0.223	0.000	0.000
B146	270.000	0.000	0.658	0.652	0.067	0.103	0.000	0.000
B146	352.500	0.000	0.273	0.271	0.079	0.000	0.000	0.000
B146	390.000	0.000	0.149		0.137		0.000	
B147	390.000	0.000		0.271		0.261		0.000
B147	427.500	0.000	0.251	0.247	0.111	0.107	0.000	0.000
B147	495.000	0.000	0.312	0.352	0.000	0.000	0.000	0.000
B147	510.000	0.000	0.361	0.359	0.000	0.000	0.000	0.000
B147	600.000	0.000	0.438	0.446	0.000	0.000	0.000	0.000
B147	690.000	0.000	0.402	0.431	0.000	0.000	0.000	0.000
B147	705.000	0.000	0.410	0.390	0.000	0.000	0.000	0.000
B147	772.500	0.000	0.355	0.371	0.000	0.000	0.000	0.000
B147	810.000	0.000	0.374		0.000		0.000	
B148	810.000	0.000		0.300		0.000		0.000
B148	847.500	0.000	0.457	0.474	0.000	0.000	0.000	0.000
B148	930.000	0.000	0.902	0.917	0.000	0.000	0.000	0.000
B148	1005.000	0.000	1.147	1.135	0.000	0.000	0.000	0.000

B148	1080.000	0.000	1.223	1.116	0.383	0.370	0.000	0.000
B148	1162.500	0.000	0.443	0.446	0.000	0.000	0.000	0.000
B148	1200.000	0.000	0.214		0.000		0.000	
B149	390.000	0.000		0.000		0.000		0.000
B149	390.000	67.500	0.367	0.336	0.060	0.000	0.000	0.000
B149	390.000	135.000	0.409	0.429	0.185	0.171	0.000	0.000
B149	390.000	210.000	0.690	0.648	0.000	0.000	0.000	0.000
B149	390.000	285.000	0.639	0.645	0.000	0.000	0.000	0.000
B149	390.000	360.000	0.450		0.000		0.000	
B150	390.000	360.000		0.451		0.000		0.000
B150	390.000	427.500	0.673	0.633	0.000	0.000	0.000	0.000
B150	390.000	516.500	0.668	0.697	0.000	0.000	0.000	0.000
B150	390.000	605.500	0.398	0.358	0.111	0.144	0.000	0.000
B150	390.000	662.750	0.283	0.299	0.000	0.000	0.000	0.000
B150	390.000	720.000	0.000		0.000		0.000	
B151	390.000	135.000		0.176		0.298		0.000
B151	427.500	135.000	0.227	0.218	0.100	0.095	0.000	0.000
B151	495.000	135.000	0.336	0.369	0.000	0.000	0.000	0.000
B151	510.000	135.000	0.410	0.382	0.000	0.000	0.000	0.000
B151	600.000	135.000	0.510	0.518	0.000	0.000	0.000	0.000
B151	690.000	135.000	0.430	0.463	0.000	0.000	0.000	0.000
B151	705.000	135.000	0.429	0.406	0.000	0.000	0.000	0.000
B151	772.500	135.000	0.323	0.328	0.000	0.000	0.000	0.000
B151	810.000	135.000	0.247		0.114		0.000	
B172	1200.000	0.000		0.123		0.000		0.000
B172	1200.000	67.500	0.360	0.401	0.150	0.078	0.000	0.000
B172	1200.000	135.000	0.646	0.724	0.321	0.312	0.000	0.000
B172	1200.000	210.000	0.765	0.771	0.000	0.000	0.000	0.000
B172	1200.000	285.000	0.691	0.692	0.000	0.000	0.000	0.000
B172	1200.000	360.000	0.546		0.000		0.000	
B173	1200.000	360.000		0.543		0.000		0.000
B173	1200.000	427.500	0.391	0.354	0.000	0.000	0.000	0.000
B173	1200.000	516.500	0.515	0.514	0.000	0.000	0.000	0.000
B173	1200.000	605.500	0.539	0.488	0.283	0.284	0.000	0.000
B173	1200.000	662.750	0.311	0.273	0.079	0.141	0.000	0.000
B173	1200.000	720.000	0.122		0.000		0.000	
B192	390.000	605.500		0.180		0.260		0.000
B192	427.500	605.500	0.231	0.234	0.082	0.082	0.000	0.000
B192	495.000	605.500	0.341	0.352	0.000	0.000	0.000	0.000
B192	510.000	605.500	0.356	0.370	0.000	0.000	0.000	0.000
B192	600.000	605.500	0.481	0.481	0.000	0.000	0.000	0.000
B192	690.000	605.500	0.457	0.451	0.000	0.000	0.000	0.000
B192	705.000	605.500	0.462	0.434	0.000	0.000	0.000	0.000
B192	772.500	605.500	0.395	0.350	0.000	0.000	0.000	0.000
B192	810.000	605.500	0.279		0.060		0.000	

X-STRIP DESIGN MOMENTS

X-STRIP ID	WIDTH	STATION	LEFT OF X	TOP-MOMEMT RIGHT OF X	TOP-MOMEMT LEFT OF X	BOT-MOMEMT RIGHT OF X	BOT-MOMEMT
24	75.000	352.500	-492.347		491.889		
			BASE36		BASE36		
24	75.000	390.000	-2018.447	-2169.062	10190.598	10007.622	
			BASE33	BASE37	BASE29	BASE25	
24	75.000	427.500	-487.750		487.662		
			BASE40		BASE40		
25	75.000	772.500	-485.452		485.288		
			BASE34		BASE34		
25	75.000	810.000	-2122.477	-2099.891	10182.586	9794.123	
			BASE33	BASE37	BASE29	BASE25	
25	75.000	847.500	-486.732		486.654		
			BASE34		BASE34		
23	75.000	-37.500	-516.975		516.814		
			BASE32		BASE32		
23	75.000	0.000	-3901.810	-1827.193	8806.853	4964.572	
			BASE33	BASE37	BASE29	BASE28	
23	75.000	37.500	-521.479		521.288		
			BASE40		BASE40		
26	75.000	1162.500	-519.535		519.222		
			BASE38		BASE38		
26	75.000	1200.000	-1799.099	-3985.221	5126.942	8402.199	
			BASE33	BASE37	BASE29	BASE25	
26	75.000	1237.500	-515.402		515.428		
			BASE30		BASE30		
18	114.500	390.000	-44546.054		32677.504		
			BASE37		BASE25		
18	114.500	427.500	-46266.987	-52615.856	10140.676	10811.301	
			BASE29	BASE29	BASE33	BASE25	
18	114.500	495.000	-61170.004	-65992.129			
			BASE29	BASE29			
18	114.500	510.000	-66458.717	-71221.818		2658.785	
			BASE29	BASE29		BASE33	
18	114.500	600.000	-90479.945	-89841.154			
			BASE23	BASE23			
18	114.500	690.000	-88147.001	-83265.278			
			BASE25	BASE25			
18	114.500	705.000	-85641.952	-79184.258			
			BASE25	BASE25			
18	114.500	772.500	-82956.794	-75714.621			
			BASE25	BASE25			
18	114.500	810.000	-71868.366		353.056		
			BASE25		BASE39		
21	292.500	810.000	-196791.577		5820.977		
			BASE25		BASE29		
21	292.500	847.500	-303594.100	-285973.421			
			BASE25	BASE25			
21	292.500	930.000	-418782.383	-411385.995			
			BASE25	BASE25			
21	292.500	1005.000	-524675.632	-532092.935			
			BASE25	BASE25			
21	292.500	1080.000	-503307.360	-512510.705	30559.473	20723.320	
			BASE25	BASE25	BASE37	BASE37	
21	292.500	1162.500	-219059.314	-233491.591	13560.417	6717.328	
			BASE25	BASE25	BASE37	BASE37	
21	292.500	1200.000	-21708.467		49074.929		
			BASE34		BASE30		
19	360.000	0.000	-33981.218		58317.652		
			BASE36		BASE32		
19	360.000	37.500	-235305.186	-231805.538	30526.228	43554.049	
			BASE29	BASE29	BASE33	BASE33	
19	360.000	120.000	-510838.985	-514285.463	89661.408	96370.646	
			BASE29	BASE29	BASE33	BASE33	
19	360.000	195.000	-523473.713	-517823.234	37325.563	35188.000	
			BASE29	BASE29	BASE33	BASE33	
19	360.000	270.000	-388630.798	-393516.791	11887.357	10560.642	
			BASE29	BASE29	BASE33	BASE33	
19	360.000	352.500	-241202.658	-254059.829	42781.889	43732.869	
			BASE29	BASE29	BASE33	BASE33	
19	360.000	390.000	-161650.083		110106.546		
			BASE37		BASE25		
16	470.500	390.000	-249673.107		164590.821		
			BASE39		BASE27		
16	470.500	427.500	-336946.398	-315950.157	42330.119	48362.148	
			BASE31	BASE31	BASE35	BASE33	
16	470.500	495.000	-435729.817	-428432.342			
			BASE31	BASE31			
16	470.500	510.000	-446136.475	-435699.245			
			BASE31	BASE31			
16	470.500	600.000	-540789.294	-538244.161			
			BASE23	BASE23			
16	470.500	690.000	-498295.620	-505973.059			
			BASE25	BASE25			
16	470.500	705.000	-499385.002	-507641.959			
			BASE25	BASE25			
16	470.500	772.500	-434699.549	-458650.531			
			BASE25	BASE25			
16	470.500	810.000	-376776.879		17595.757		
			BASE25		BASE37		
22	427.500	810.000	-280502.363		15598.547		
			BASE27		BASE31		
22	427.500	847.500	-442189.497	-430248.085			
			BASE27	BASE27			
22	427.500	930.000	-661093.867	-657691.613			
			BASE27	BASE27			
22	427.500	1005.000	-805828.905	-808564.526			
			BASE27	BASE27			
22	427.500	1080.000	-759050.441	-755348.903	28408.924	22255.558	
			BASE27	BASE27	BASE39	BASE39	
22	427.500	1162.500	-345652.668	-346238.652	10477.927	5610.497	
			BASE27	BASE27	BASE39	BASE39	
22	427.500	1200.000	-37301.428		61301.859		
			BASE25		BASE26		
20	360.000	0.000	-35780.522		59136.178		
			BASE40		BASE28		
20	360.000	37.500	-231070.362	-227766.959	30437.993	41460.906	
			BASE31	BASE31	BASE35	BASE35	
20	360.000	120.000	-500447.163	-504441.980	94560.128	101451.136	
			BASE31	BASE31	BASE35	BASE35	
20	360.000	195.000	-510604.694	-506430.086	39357.494	36948.782	
			BASE31	BASE31	BASE35	BASE35	
20	360.000	270.000	-372177.586	-378745.000	15839.798	12040.417	
			BASE31	BASE31	BASE35	BASE35	
20	360.000	352.500	-219537.835	-232399.830	53292.228	54694.400	
			BASE31	BASE31	BASE35	BASE35	
20	360.000	390.000	-155500.347		143795.466		
			BASE39		BASE27		
17	135.000	390.000	-50664.550		52664.094		
			BASE39		BASE27		
17	135.000	427.500	-51751.685	-59293.608	16803.193	18277.975	
			BASE39	BASE31	BASE27	BASE35	
17	135.000	495.000	-80038.291	-87264.979			
			BASE31	BASE31			
17	135.000	510.000	-91213.754	-91910.040			
			BASE31	BASE31			
17	135.000	600.000	-114267.990	-116255.337			
			BASE23	BASE23			
17	135.000	690.000	-102183.823	-103455.551			
			BASE27	BASE27			
17	135.000	705.000	-101663.981	-95233.169			
			BASE27	BASE27			
17	135.000	772.500	-83358.897	-76858.832			
			BASE27	BASE27			
17	135.000	810.000	-72290.130		5067.348		
			BASE35		BASE31		
30	75.000	-37.500	-542.118		542.651		
			BASE32		BASE32		
30	75.000	0.000	-3946.350	-1880.870	9040.098	5326.363	
			BASE35	BASE39	BASE31	BASE32	
30	75.000	37.500	-542.026		542.576		
			BASE32		BASE32		
29	75.000	352.500	-562.390		562.457		
			BASE32		BASE32		
29	75.000	390.000	-1988.847	-2218.839	10826.207	10805.773	
			BASE35	BASE39	BASE31	BASE27	
29	75.000	427.500	-549.275		549.778		
			BASE32		BASE32		
28	75.000	772.500	-547.228		546.756		
			BASE30		BASE30		
28	75.000	810.000	-2128.068	-2038.172	11151.143	10716.890	
			BASE35	BASE39	BASE31	BASE27	
28	75.000	847.500	-553.755		553.791		
			BASE30		BASE30		
27	75.000	1162.500	-538.159		537.520		
			BASE30		BASE30		
27	75.000	1200.000	-1830.506	-4014.571	5462.036	8684.045	
			BASE35	BASE39	BASE30	BASE27	
27	75.000	1237.500	-538.127		537.874		
			BASE30		BASE30		

Y-STRIP DESIGN MOMENTS

Y-STRIP ID	WIDTH	STATION	LEFT OF Y	TOP-MOMEMT RIGHT OF Y	TOP-MOMEMT LEFT OF Y	BOT-MOMEMT RIGHT OF Y	BOT-MOMEMT
38	75.000	832.500	-411.842		411.540		
			BASE29		BASE29		
38	75.000	870.000	-2766.709	-4759.290	6324.029	9691.270	
			BASE36	BASE40	BASE32	BASE28	
38	75.000	907.500	-411.822		411.863		
			BASE29		BASE29		
45	75.000	-187.500	-419.277		419.471		
			BASE31		BASE31		
45	75.000	-150.000	-4701.747	-2755.822	10532.406	5841.853	
			BASE36	BASE40	BASE32	BASE28	
45	75.000	-112.500	-419.076		419.737		
			BASE31		BASE31		
34	390.000	360.000	-211199.656		9418.599		
			BASE21		BASE31		
34	390.000	427.500	-397267.802	-392856.675			
			BASE25	BASE25			
34	390.000	516.500	-523045.367	-516624.902	4824.531	4809.353	
			BASE28	BASE28	BASE40	BASE40	
34	390.000	605.500	-441389.155	-431257.606	50950.518	34648.969	
			BASE28	BASE28	BASE40	BASE40	
34	390.000	662.750	-279196.077	-279070.158	27844.555	24394.020	
			BASE28	BASE28	BASE40	BASE40	
34	390.000	720.000	-65771.859		71765.243		
			BASE37		BASE25		
35	390.000	0.000	-69437.207		89580.794		
			BASE39		BASE27		
35	390.000	67.500	-328210.130	-320958.773	36891.735	38031.169	
			BASE32	BASE32	BASE36	BASE36	
35	390.000	135.000	-485044.195	-493191.582	55754.393	55586.043	
			BASE32	BASE32	BASE36	BASE36	
35	390.000	210.000	-535615.560	-539968.598	7089.883	9531.420	
			BASE32	BASE32	BASE36	BASE36	
35	390.000	285.000	-433850.978	-431170.058			
			BASE32	BASE32			
35	390.000	360.000	-211755.356		9920.928		
			BASE21		BASE31		
39	75.000	832.500	-397.792		397.986		
			BASE29		BASE29		
39	75.000	870.000	-1543.787	-4503.013	8653.207	13368.632	
			BASE36	BASE40	BASE32	BASE28	
39	75.000	907.500	-397.447		397.566		
			BASE29		BASE29		
44	75.000	-187.500	-413.715		413.270		
			BASE31		BASE31		
44	75.000	-150.000	-4524.976	-1428.884	14861.478	8501.924	
			BASE36	BASE40	BASE32	BASE23	
44	75.000	-112.500	-426.558		426.303		
			BASE31		BASE31		
31	420.000	135.000	-282041.041		71622.454		
			BASE32		BASE36		
31	420.000	210.000	-508496.492	-506687.274	6167.763	1617.404	
			BASE32	BASE32	BASE36	BASE39	
31	420.000	285.000	-576994.390	-568962.404		28.702	
			BASE23	BASE32		BASE36	
31	420.000	360.000	-572188.230	-565090.204			
			BASE23	BASE23			
31	420.000	427.500	-545208.857	-538488.656		1365.133	

		BASE23	BASE23	BASE40			
31	420.000	516.500	-503051.097	-495377.854	4411.168	8585.290	
		BASE28	BASE28	BASE40	BASE37		
31	420.000	605.500	-269293.332	57962.194			
		BASE28	BASE40				
32	420.000	0.000	-97100.799	99203.949			
		BASE35	BASE35				
32	420.000	67.500	-222597.311	-235120.601	46316.796	33155.071	
		BASE32	BASE32	BASE35	BASE35		
32	420.000	135.000	-256285.948	37575.868			
		BASE32	BASE34				
33	420.000	605.500	-260982.317	28920.876			
		BASE28	BASE38				
33	420.000	662.750	-207483.812	-210821.582	27912.500	34437.130	
		BASE28	BASE28	BASE40	BASE37		
33	420.000	720.000	-73058.624	84115.665			
		BASE33	BASE29				
40	75.000	832.500	-395.280	395.309			
		BASE29	BASE29				
40	75.000	870.000	-1571.268	-4504.981	8545.151	13259.524	
		BASE34	BASE38	BASE30	BASE26		
40	75.000	907.500	-395.389	395.205			
		BASE29	BASE29				
43	75.000	-187.500	-413.775	413.710			
		BASE31	BASE31				
43	75.000	-150.000	-4476.380	-1415.873	14972.913	8662.419	
		BASE34	BASE38	BASE30	BASE23		
43	75.000	-112.500	-422.775	422.706			
		BASE31	BASE31				
36	390.000	427.500	-307213.937	14304.496			
		BASE29	BASE33				
36	390.000	516.500	-434536.491	-446271.597	977.176	4338.553	
		BASE26	BASE26	BASE38	BASE33		
36	390.000	605.500	-406670.804	-409506.015	35971.801	22201.865	
		BASE26	BASE26	BASE38	BASE38		
36	390.000	662.750	-267363.475	-272357.227	21047.892	18256.171	
		BASE26	BASE26	BASE38	BASE38		
36	390.000	720.000	-67766.857	85884.200			
		BASE33	BASE29				
37	390.000	0.000	-75743.473	94827.320			
		BASE35	BASE31				
37	390.000	67.500	-323141.012	-312236.632	30469.772	33492.631	
		BASE30	BASE30	BASE34	BASE34		
37	390.000	135.000	-486685.394	-490774.554	32822.872	34450.299	
		BASE30	BASE30	BASE34	BASE34		
37	390.000	210.000	-588380.140	-592080.750	3252.241	2356.066	
		BASE30	BASE30	BASE34	BASE34		
37	390.000	285.000	-566126.807	-573163.736			
		BASE30	BASE30				
37	390.000	360.000	-469299.980	-476756.519			
		BASE31	BASE31				
37	390.000	427.500	-304390.735	9127.757			
		BASE29	BASE33				
41	75.000	832.500	-385.308	384.961			
		BASE25	BASE33				
41	75.000	870.000	-2807.045	-4762.216	6195.918	9602.147	
		BASE34	BASE38	BASE30	BASE26		
41	75.000	907.500	-391.089	390.550			
		BASE25	BASE25				
42	75.000	-187.500	-395.069	394.721			
		BASE27	BASE27				
42	75.000	-150.000	-4711.033	-2777.774	10391.707	5795.298	
		BASE34	BASE38	BASE30	BASE26		
42	75.000	-112.500	-394.894	394.581			
		BASE27	BASE27				

Lo-Lat Structure Studio

B E A M D E S I G N M O M E N T S & S H E A R S

LINE ID	STATION(S) X-ORDINATE	STATION(S) Y-ORDINATE	TOP MOMENT LEFT OF S	TOP MOMENT RIGHT OF S	BOT MOMENT LEFT OF S	BOT MOMENT RIGHT OF S	SHEAR LEFT OF S	SHEAR RIGHT OF S
B134	0.000	0.000	-11931.008	4970.446	687.85			
B134	0.000	67.500	-49352.109	-46898.082	17424.577	8060.843	687.85	674.00
B134	0.000	135.000	-83835.018	-88916.600	47051.066	47115.698	674.00	774.71
B134	0.000	210.000	-84398.186	-81219.572	5137.891	5070.921	774.71	244.08
B134	0.000	285.000	-64007.348	-62167.799	0.000	0.000	244.08	393.73
B134	0.000	360.000	-53151.923	0.000	393.73			
B135	0.000	360.000	-55734.915	0.000	436.05			
B135	0.000	427.500	-55026.788	-55898.172	0.000	0.000	436.05	212.39
B135	0.000	516.500	-73418.850	-76571.304	0.000	0.000	212.39	697.06
B135	0.000	605.500	-71217.829	-67428.118	37761.772	41241.872	697.06	727.07
B135	0.000	662.750	-39818.898	-39926.970	6850.564	15977.618	727.07	596.50
B135	0.000	720.000	-13810.302	4940.138	596.50			
B136	0.000	720.000	-10945.041	1432.441	843.57			
B136	37.500	720.000	-37195.253	-33851.174	13863.717	7791.974	843.57	803.09
B136	120.000	720.000	-100105.941	-108027.327	57946.157	59567.225	803.09	678.35
B136	195.000	720.000	-94985.092	-94827.181	19895.095	19674.334	678.35	301.45
B136	270.000	720.000	-72218.341	-71765.679	6044.338	7605.889	301.45	481.88
B136	352.500	720.000	-32010.952	-31869.891	6863.600	2940.344	481.88	575.22
B136	390.000	720.000	-15630.403	8062.345	575.22			
B137	390.000	720.000	-28658.637	15477.754	340.46			
B137	427.500	720.000	-26930.377	-26486.963	8412.327	6344.757	340.46	177.54
B137	495.000	720.000	-23882.474	-26873.302	0.000	0.000	177.54	137.03
B137	510.000	720.000	-24827.462	-31431.791	0.000	0.000	137.03	269.07
B137	600.000	720.000	-40797.564	-40320.706	0.000	0.000	269.07	161.73
B137	690.000	720.000	-40112.090	-33430.067	0.000	0.000	161.73	231.39
B137	705.000	720.000	-36900.872	-33907.601	0.000	0.000	231.39	141.26
B137	772.500	720.000	-42471.632	-42691.287	0.000	0.000	141.26	260.46
B137	810.000	720.000	-45696.476	0.000	260.46			
B138	810.000	720.000	-32003.629	0.000	611.25			
B138	847.500	720.000	-52091.146	-52374.387	0.000	0.000	611.25	482.02
B138	930.000	720.000	-92140.663	-92257.130	0.000	0.000	482.02	271.72
B138	1005.000	720.000	-112636.125	-112265.503	0.000	0.000	271.72	779.01
B138	1080.000	720.000	-118692.183	-110780.203	37680.724	36861.521	779.01	863.38
B138	1162.500	720.000	-39551.327	-41540.903	0.000	0.000	863.38	939.69
B138	1200.000	720.000	-20494.315	0.000	939.69			
B139	0.000	360.000	-1664.919	1268.575	802.85			
B139	37.500	360.000	-31751.499	-30879.647	12260.555	5199.469	802.85	409.97
B139	120.000	360.000	-62033.850	-72934.890	25153.983	27546.188	409.97	356.70
B139	195.000	360.000	-63023.990	-68720.949	3401.423	8343.751	356.70	708.43
B139	270.000	360.000	-22049.423	-19936.588	1348.975	8653.707	708.43	422.56
B139	352.500	360.000	-47294.277	-29493.251	17586.505	12965.712	422.56	373.61
B139	390.000	360.000	-37330.282	24635.270	373.61			
B141	810.000	0.000	-236.765	5881.339	580.36			
B141	810.000	67.500	-34847.832	-30628.929	7377.032	397.013	580.36	462.40
B141	810.000	135.000	-39166.024	-41810.164	22680.873	20715.003	462.40	886.93
B141	810.000	210.000	-76367.801	-71365.845	0.000	0.000	886.93	345.45
B141	810.000	285.000	-82390.457	-79289.186	0.000	0.000	345.45	189.37
B141	810.000	360.000	-71140.909	0.000	189.37			
B142	810.000	360.000	-75635.982	0.000	544.92			
B142	810.000	427.500	-45014.536	-43817.320	0.000	0.000	544.92	194.72
B142	810.000	516.500	-58057.827	-60265.005	0.000	0.000	194.72	551.17
B142	810.000	605.500	-36634.639	-33732.140	13514.873	15342.025	551.17	394.65
B142	810.000	662.750	-25419.301	-27669.427	395.255	7631.189	394.65	520.19
B142	810.000	720.000	-1486.591	5051.905	520.19			
B143	810.000	427.500	-52849.811	9526.781	532.78			
B143	847.500	427.500	-47543.895	-67238.659	0.000	0.000	532.78	351.88
B143	930.000	427.500	-47748.134	-55054.533	0.000	0.000	351.88	673.03
B143	1005.000	427.500	-94614.720	-88927.329	0.000	0.000	673.03	149.46
B143	1080.000	427.500	-93009.782	-82666.814	0.000	0.000	149.46	525.74
B143	1162.500	427.500	-43358.830	-38978.660	670.458	0.000	525.74	940.14
B143	1200.000	427.500	-9061.433	12635.563	940.14			
B144	1200.000	0.000	-12502.672	3303.769	434.66			
B144	1200.000	67.500	-36730.599	-40878.746	15297.477	7919.407	434.66	431.87
B144	1200.000	135.000	-65789.777	-73757.935	32735.890	31855.205	431.87	609.40
B144	1200.000	210.000	-77930.176	-78464.544	1287.683	469.379	609.40	275.69
B144	1200.000	285.000	-70376.509	-70449.716	0.000	0.000	275.69	280.41
B144	1200.000	360.000	-55608.559	-55275.947	0.000	0.000	280.41	428.21
B144	1200.000	427.500	-39896.551	0.000	428.21			
B145	1200.000	427.500	-36065.471	0.000	225.99			
B145	1200.000	516.500	-52496.833	-52344.823	6.214	2257.170	225.99	405.82
B145	1200.000	605.500	-54889.989	-49741.641	28906.801	28921.509	405.82	432.81
B145	1200.000	662.750	-31722.066	-27788.588	8088.607	14380.032	432.81	356.65
B145	1200.000	720.000	-12466.215	4398.276	356.65			
B146	0.000	0.000	-13047.035	4021.095	816.61			
B146	37.500	0.000	-36475.006	-33794.183	15073.287	9214.296	816.61	730.25
B146	120.000	0.000	-94040.072	-103552.997	59509.367	62485.605	730.25	704.39
B146	195.000	0.000	-89449.739	-89987.171	21062.142	22714.524	704.39	306.34
B146	270.000	0.000	-67011.619	-66431.475	6858.885	10528.615	306.34	468.14
B146	352.500	0.000	-27810.031	-27676.541	8040.285	5539.149	468.14	600.86
B146	390.000	0.000	-15197.390	13943.985	600.86			
B147	390.000	0.000	-27669.472	26604.506	559.68			
B147	427.500	0.000	-25641.373	-25165.898	11294.139	10936.004	559.68	356.25
B147	495.000	0.000	-31835.005	-35906.848	0.000	0.000	356.25	281.94
B147	510.000	0.000	-36801.025	-36593.658	0.000	0.000	281.94	205.90
B147	600.000	0.000	-44689.250	-45424.554	0.000	0.000	205.90	126.36
B147	690.000	0.000	-40956.628	-43943.915	0.000	0.000	126.36	202.45
B147	705.000	0.000	-41825.634	-39723.670	0.000	0.000	202.45	286.98
B147	772.500	0.000	-36211.896	-37836.137	0.000	0.000	286.98	496.24
B147	810.000	0.000	-38149.902	3583.425	496.24			
B148	810.000	0.000	-30631.998	0.000	686.18			
B148	847.500	0.000	-46595.061	-48255.694	0.000	0.000	686.18	528.07
B148	930.000	0.000	-91821.373	-93345.845	0.000	0.000	528.07	311.10
B148	1005.000	0.000	-116678.023	-115474.379	0.000	0.000	311.10	784.11
B148	1080.000	0.000	-124395.132	-113558.614	39078.787	37761.140	784.11	829.17
B148	1162.500	0.000	-45151.931	-45443.556	0.000	0.000	829.17	915.61
B148	1200.000	0.000	-21808.492	0.000	915.61			
B149	390.000	0.000	-3841.674	4194.392	567.79			
B149	390.000	67.500	-37426.978	-34290.043	6147.071	0.000	567.79	435.97
B149	390.000	135.000	-41719.511	-43762.982	18869.185	17395.887	435.97	744.23
B149	390.000	210.000	-70223.260	-65979.058	0.000	0.000	744.23	238.55
B149	390.000	285.000	-65089.589	-65670.359	0.000	0.000	238.55	367.09
B149	390.000	360.000	-45882.526	0.000	367.09			
B150	390.000	360.000	-45966.923	0.000	470.37			
B150	390.000	427.500	-68542.206	-64469.695	0.000	0.000	470.37	146.48
B150	390.000	516.500	-68084.437	-70934.200	0.000	0.000	146.48	636.80
B150	390.000	605.500	-40602.371	-36489.320	11274.482	14646.816	636.80	421.54
B150	390.000	662.750	-28901.070	-30437.064	0.000	5814.077	421.54	516.56
B150	390.000	720.000	-4839.126	3544.918	516.56			
B151	390.000	135.000	-17924.322	30357.316	743.52			
B151	427.500	135.000	-23179.238	-22241.241	10184.518	9704.651	743.52	341.07
B151	495.000	135.000	-34206.411	-37611.276	0.000	0.000	341.07	518.43
B151	510.000	135.000	-41818.178	-38982.496	0.000	0.000	518.43	272.55
B151	600.000	135.000	-51984.376	-52775.699	0.000	0.000	272.55	184.46
B151	690.000	135.000	-43830.660	-47168.890	0.000	0.000	184.46	468.03
B151	705.000	135.000	-43758.965	-41416.499	0.000	0.000	468.03	284.34
B151	772.500	135.000	-32922.781	-33402.842	0.000	0.000	284.34	748.69
B151	810.000	135.000	-25141.674	11664.454	748.69			
B172	1200.000	0.000	-12502.672	3303.769	434.66			
B172	1200.000	67.500	-36730.599	-40878.746	15297.477	7919.407	434.66	431.87
B172	1200.000	135.000	-65789.777	-73757.935	32735.890	31855.205	431.87	609.40
B172	1200.000	210.000	-77930.176	-78464.544	1287.683	469.379	609.40	275.69
B172	1200.000	285.000	-70376.509	-70449.716	0.000	0.000	275.69	280.41
B172	1200.000	360.000	-55608.559	0.000	280.41			
B173	1200.000	360.000	-55275.947	0.000	428.21			
B173	1200.000	427.500	-39896.551	-36065.471	0.000	0.000	428.21	225.99
B173	1200.000	516.500	-52496.833	-52344.823	6.214	2257.170	225.99	405.82
B173	1200.000	605.500	-54889.989	-49741.641	28906.801	28921.509	405.82	432.81
B173	1200.000	662.750	-31722.066	-27788.588	8088.607	14380.032	432.81	356.65
B173	1200.000	720.000	-12466.215	4398.276	356.65			
B192	390.000	605.500	-18344.548	26529.115	672.71			
B192	427.500	605.500	-23556.107	-23910.041	8385.497	8393.006	672.71	351.33
B192	495.000	605.500	-34755.096	-35905.829	0.000	0.000	351.33	211.26
B192	510.000	605.500	-36325.285	-37759.820	0.000	0.000	211.26	259.85
B192	600.000	605.500	-48970.160	-49012.655	0.000	0.000	259.85	154.26
B192	690.000	605.500	-46591.121	-45939.851	0.000	0.000	154.26	107.85
B192	705.000	605.500	-47070.476	-44264.510	0.000	0.000	107.85	238.43
B192	772.500	605.500	-40281.689	-35669.789	0.000	0.000	238.43	540.34
B192	810.000	605.500	-28477.469	6088.441	540.34			