新竹縣原住民族地區建築標準圖說
6-SC-2-3

結構計算書

Job No.　2208A

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目錄

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 = 0.292

(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 = 0.382‰

2.最大位移 = 0.223cm

(Y-Dir.)

1.最大層間變位角 = 0.203‰

2.最大位移 = 0.129cm

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 7.334 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	413.4	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	79.44	4.34	0.055
2F	79.44	10.34	0.130

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。

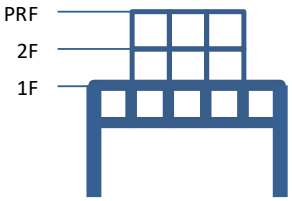
※本案為一般建築物，由於本案為泛用之標準圖說，設立之位置較廣，考量其變異性用途係數保守採用 1.1。

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)	7.334(m)	0(m)	7.334(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)	$0.05\times h_n^{3/4}=0.223$(s)	$0.05\times h_n^{3/4}=0.223$(s)
T_{max}(上限週期)	$1.4\times T_{code}=0.312$(s)	$1.4\times T_{code}=0.312$(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)	0.113(s)	0.094(s)
	T_{design}(設計週期)	0.113(s)	0.094(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)	0.867	0.768
	F_u(系統折減係數)	1.903	1.751
	$(S_{aD}/F_u)_m$	0.381	0.372
	V(最小設計水平總橫力)	0.299	0.292
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)	0.900	0.816
	F_{uM}(系統最大折減係數)	2.236	2.044
	$(S_{aM}/F_{uM})_m$	0.353	0.352
	V_M(最大考量地震水平總橫力)	0.278	0.276
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)	0.190	0.171
5. 層間相對位移地震力	V_{drift}(層間相對位移地震力)	0.173	0.155

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)	0.008(cm)
	T_{ver}(垂直週期)=$2\pi(D_{DL+SDL}/g)^{0.5}$	0.018(s)
	$S_{aD,V}$(垂直設計譜加速度係數)	0.186
	F_{uv}(垂直地震系統折減係數)	1.141
	$(S_{aD,v}/F_{uv})_m$	0.157
	V_{ZD}(垂直設計地震力)	0.123
	$S_{aM,v}$(垂直最大加速度係數)	0.223
	$F_{uv,M}$(垂直最大地震系統折減係數)	1.196
	V_{ZM}(避免最大考量垂直地震崩塌)	0.133
	V_Z*(避免中小度垂直地震降伏)	0.047

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	0.292
2. 層間位移地震力	V_{drift}	0.173	0.155
地震力統整		Z方向	
3. 垂直地震力	$V_{z,Design}$ = max(V_{ZD} ,V_{ZM} ,V_Z*)	0.133	

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	0.223(節點 150)	0.143	1.678	X 最大值
PRF	EYP	0.103(節點 147)	0.098	0.771	
PRF	EXN	0.218(節點 150)	0.144	1.599	
PRF	EYN	0.113(節點 1)	0.099	0.914	
2F	EXP	0.084(節點 161)	0.074	0.898	
2F	EYP	0.076(節點 170)	0.055	1.325	Y 最大值
2F	EXN	0.082(節點 161)	0.074	0.865	
2F	EYN	0.071(節點 170)	0.056	1.132	

X 向最大意外扭矩放大係數 Ax=1.678(PRF-EXP)，故質心偏移比例取 Ecc=0.05 *1.678=0.084 進行分析

Y 向最大意外扭矩放大係數 Ax=1.325(2F-EYP)，故質心偏移比例取 Ecc=0.05 *1.325=0.066 進行分析

樓層地震力

(單位 tf)

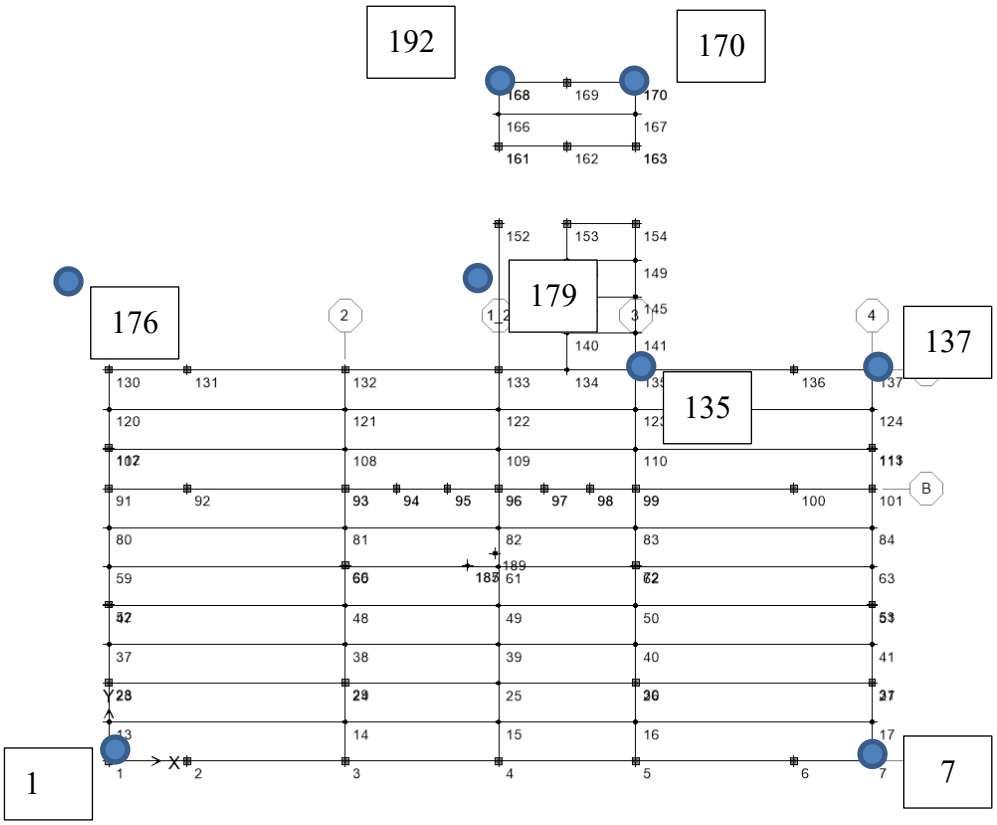
	EXP VX	EXP VY	EYP VX	EYP VY	EXN VX	EXN VY	EYN VX	EYN VY
PRF	-2.16	0.00	0.00	-2.16	-2.16	0.00	0.00	-2.16
2F	-2.24	0.00	0.00	-2.24	-2.24	0.00	0.00	-2.24
SUM	-4.40	0.00	0.00	-4.40	-4.40	0.00	0.00	-4.40

樓層層間變位角

	Ux		Uy	
	EXP	EXN	EYP	EYN
PRF	0.380‰(C42-1)	0.382‰(C42-1)	0.201‰(C46-1)	0.203‰(C46-1)
2F	0.191‰(C40)	0.187‰(C40)	0.126‰(C48)	0.118‰(C48)

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 1		節點 7		節點 137		節點 135	
	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)	0.142	0.113	0.142	0.103	0.141	0.103	0.141	0.100
安全碰撞距離 (cm)	0.279	0.222	0.279	0.202	0.276	0.202	0.276	0.196

	節點 170		節點 168		節點 133		節點 130	
	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)	0.118	0.101	0.118	0.097	0.141	0.099	0.141	0.113
安全碰撞距離 (cm)	0.231	0.198	0.231	0.191	0.276	0.194	0.276	0.222
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)

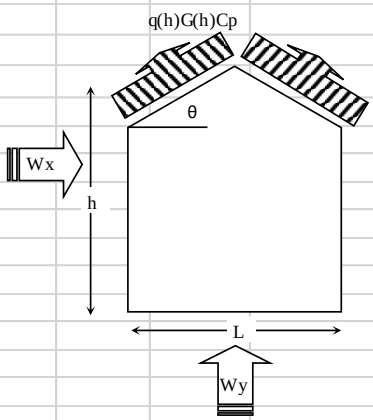
Job:								Job No.			
								Made by:	JWLI	Date:	2004/12/13
1.1	**Input data**				尺寸						
	Exp=	C		V10=	37.5	m/sec	I=	1.1			
	Z=	7.334	m	θ =	17	Degree					
	T=	0.03	sec	Beta=	0.02		B=	20	m	L=	30 m
2.1	**Basic Constant**										
	Exporsure=		C		α =		0.15		Zg=	300.00	m
	Design wind speed=		37.50	m/sec	Building width=		20.00	m	Ave. roof height=	7.33	m
	Do=		0.005		Damping ratio=		0.020				
2.2	**Wind presure**										
	$K(h)=2.774(Z/Zg)^{2\alpha}$		h>5m	Average level		=	0.9111				
	$K(h)=2.774(5/Zg)^{2\alpha}$		h<5m			=	0.0000				
	$q(h)=0.0625*K(z)*(IV_{10}(c))^2$					=	96.89	kg/m^2			

2.3 Roof design wind presure

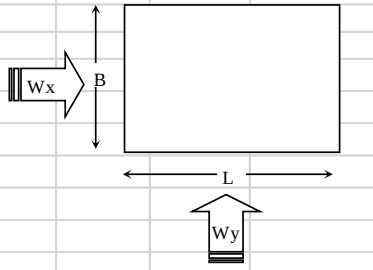
Direction	Width	Length	G(h)	Wind ward		Leeward	
				Cp	q(h)G(h)Cp	Cp	q(h)G(h)Cp
Wx	20	30	1.859	-0.46	-83	-0.7	-126
Wy	30	20	1.839	-0.70	-125	-0.7	-125

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	144	0.5	90	234
Wy	1.839	0.8	143	0.5	89	232



Elevation View



Plan View

	WX VX	WX VY	WY VX	WY VY
PRF	-5.53	0.00	0.00	-6.05
2F	-9.82	0.00	0.00	-10.73
SUM	-15.35	0.00	0.00	-16.78

X 向設計風力為 15.35tf，大於 X 向設計地震力 4.4tf

Y 向設計風力為 16.78tf，大於 Y 向設計地震力 4.4tf

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

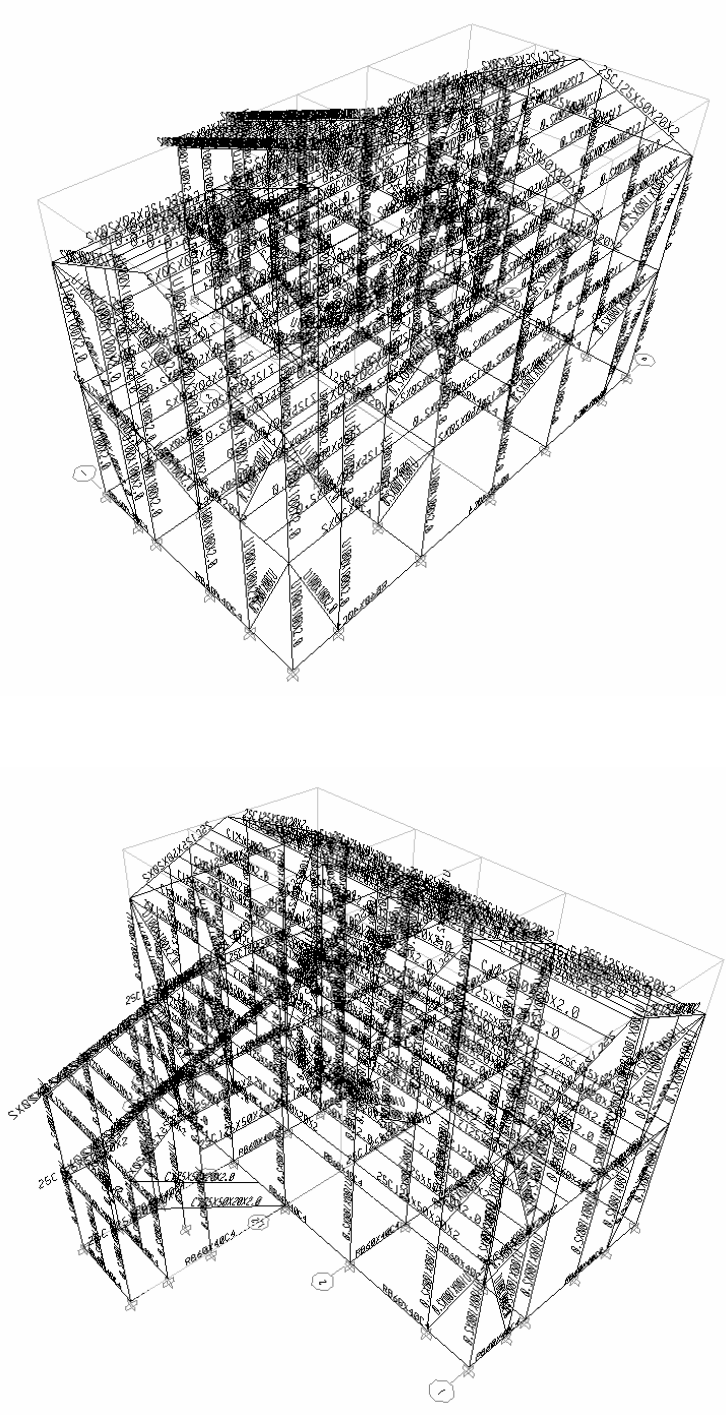
最大加速度	0.005g (0.05 m/sec^2)

6.0 設計規範

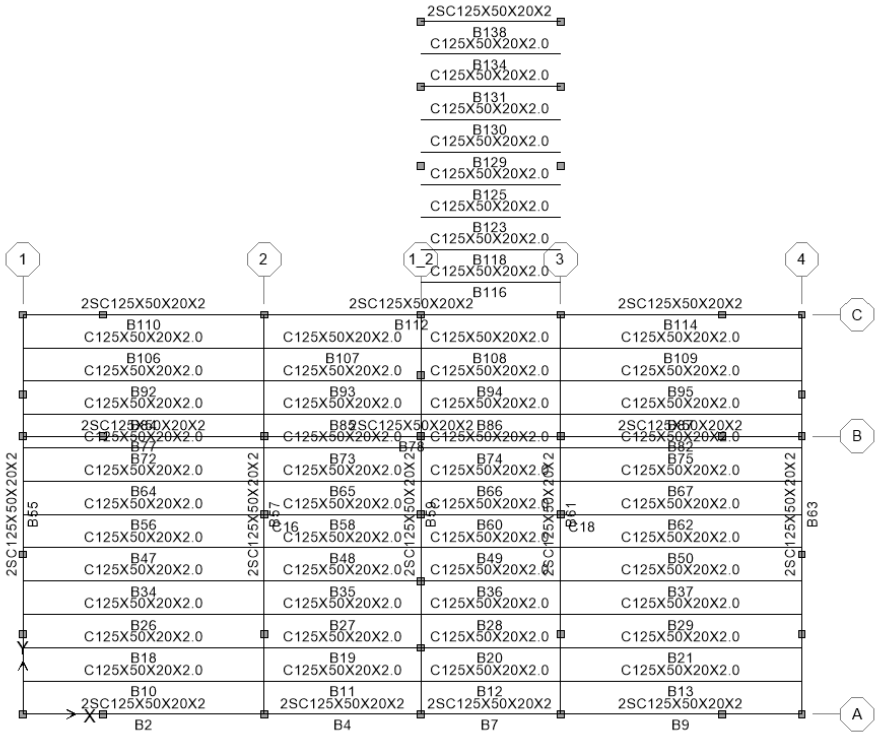
(1) 建築技術規則, 內政部，最新版。
(2) 建築物耐震設計規範及解說，內政部，2011/07。
(3) 建築物基礎構造設計規範，內政部，2001/10。
(4) 混凝土結構設計規範，內政部，2011/07。
(5) 建築物耐風設計規範及解說，內政部，2017/01。
(6) 冷軋型鋼構造建築物結構設計規範及解說，內政部，2015/10
(7) ACI 318-05。

7.0 結構分析程序

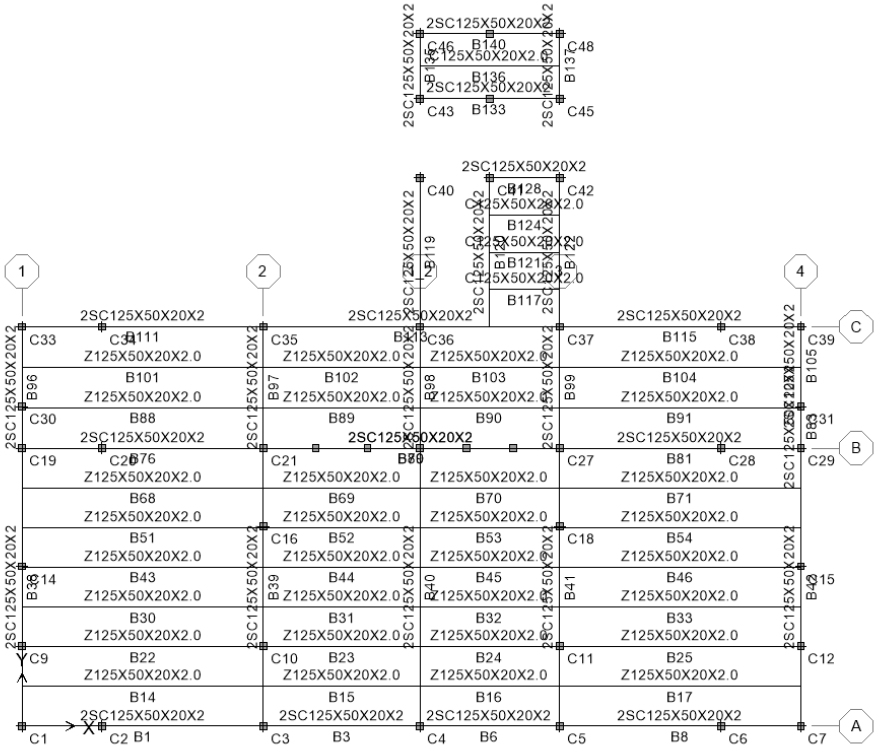
7.1 結構模型



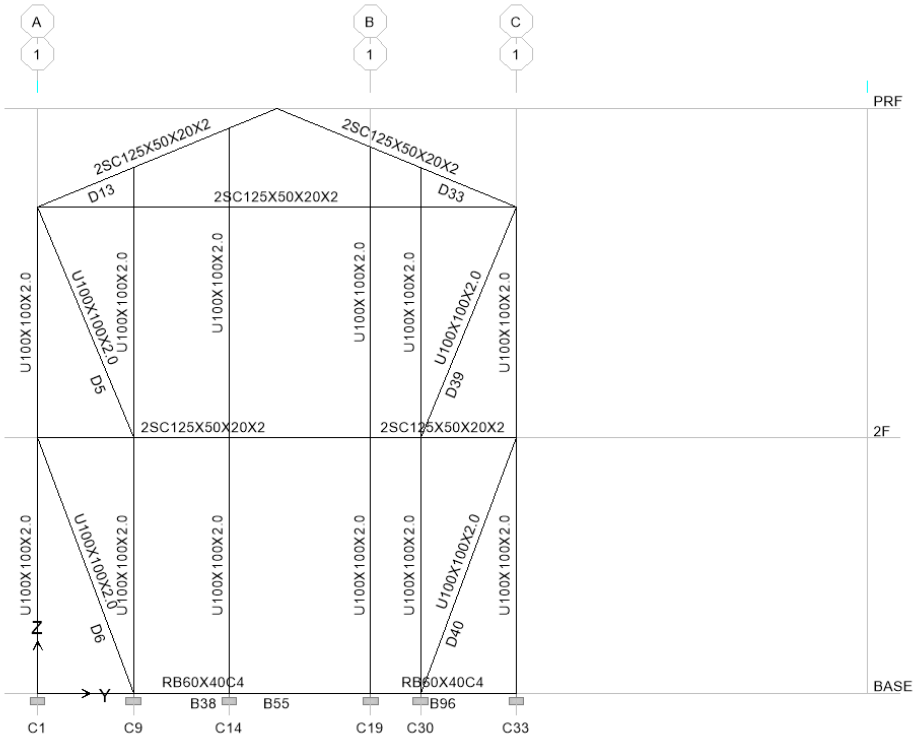
3D view



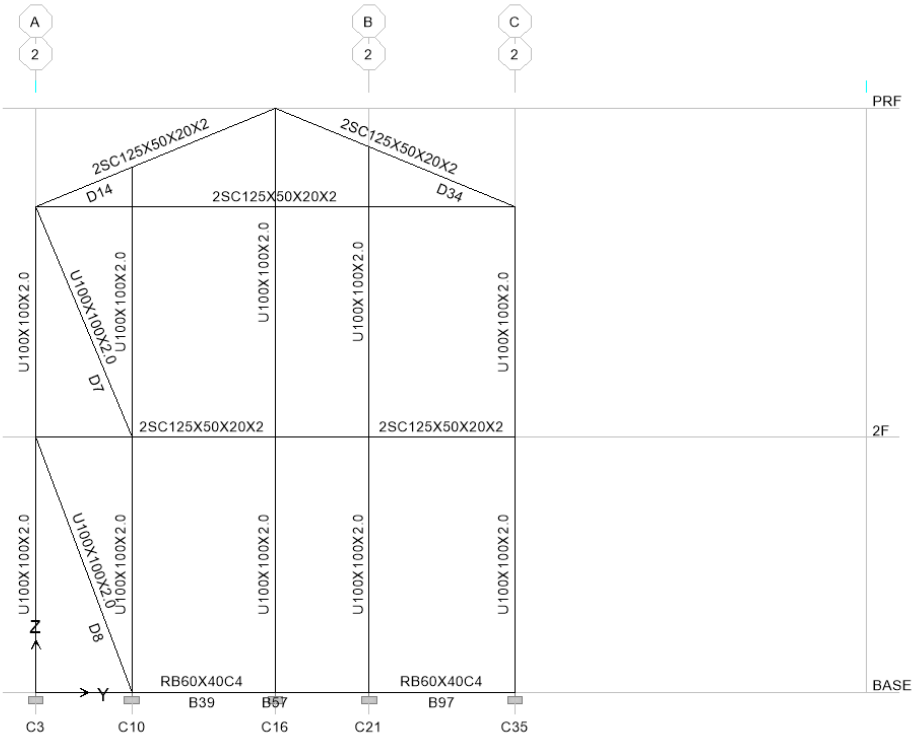
PRF plan



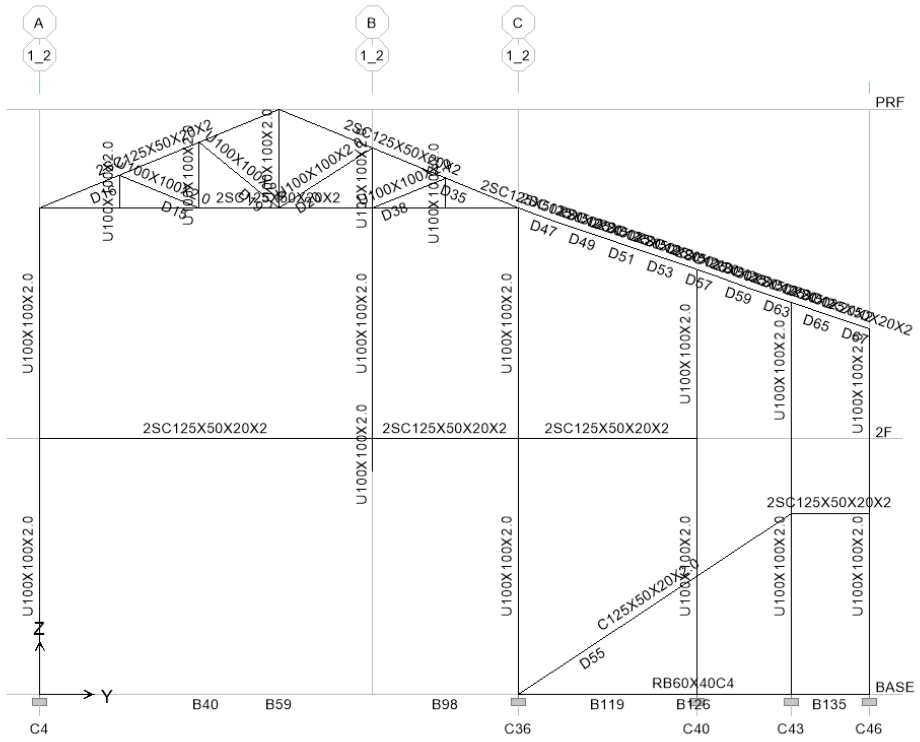
2F plan



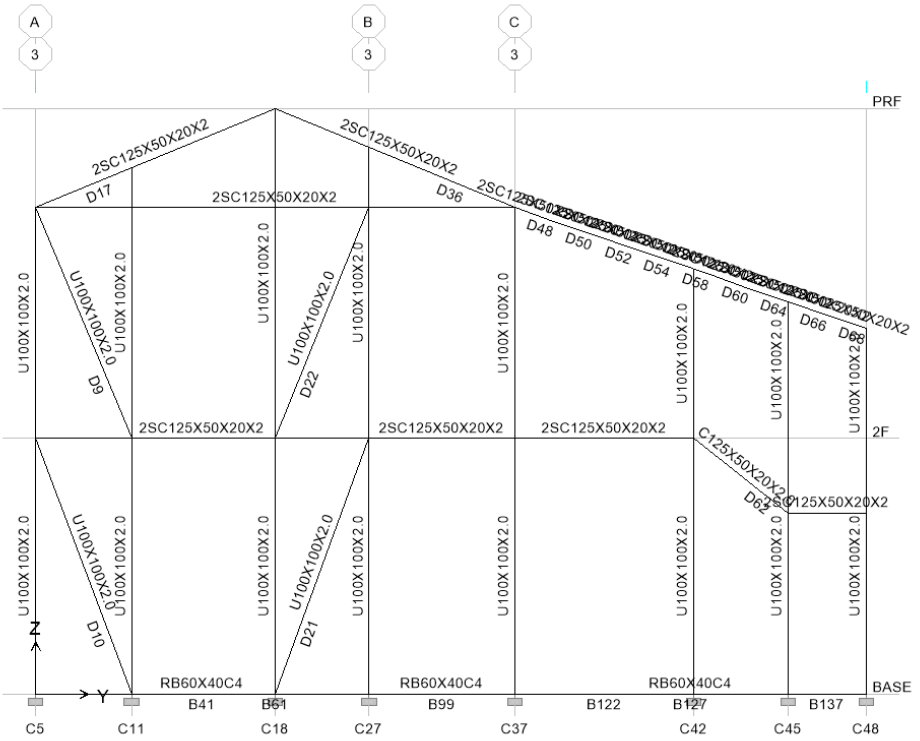
EL Line-1



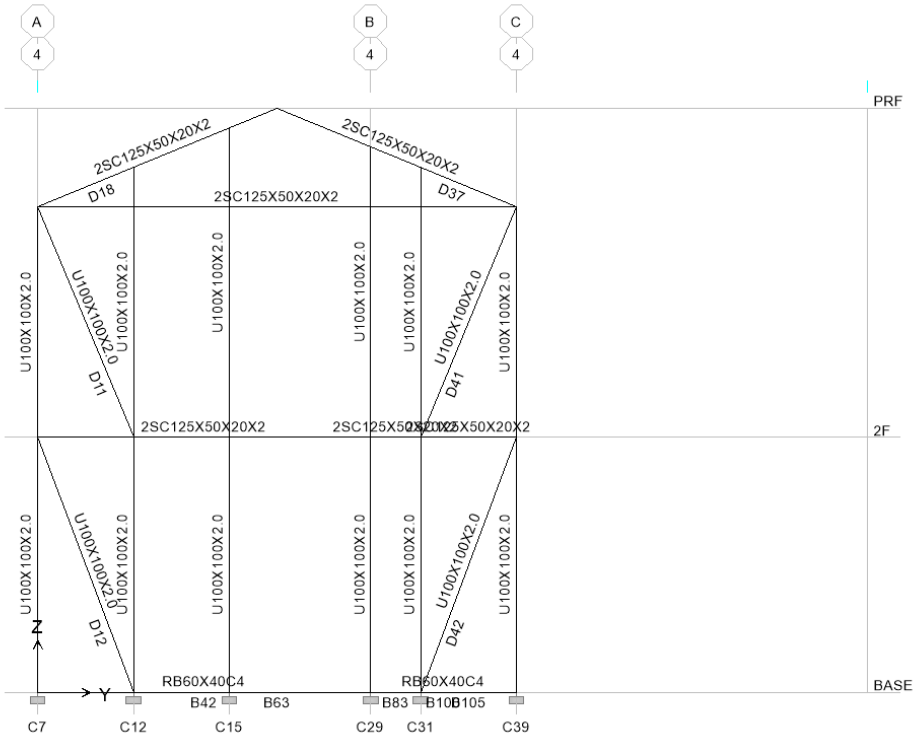
EL Line-2



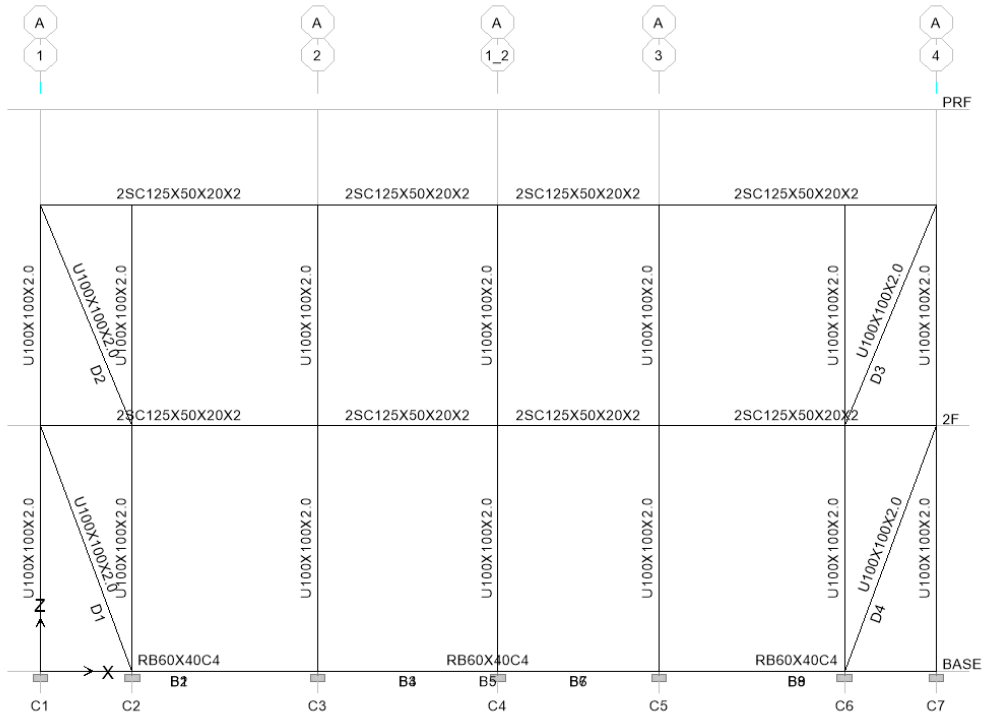
EL Line-1_2



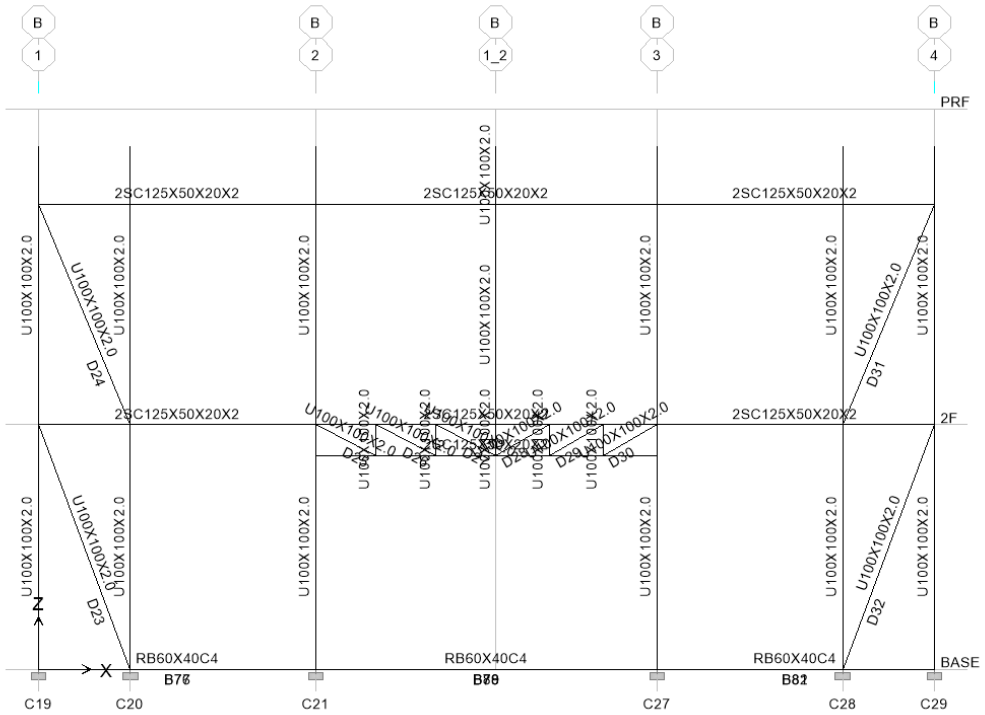
EL Line-3



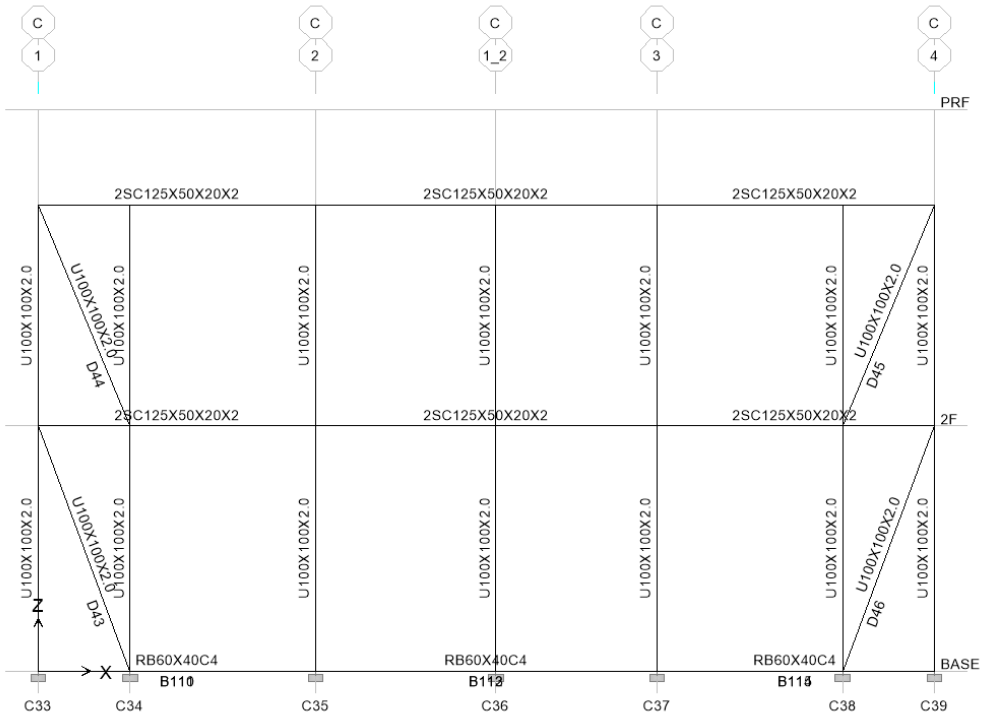
EL Line-4



EL Line-A



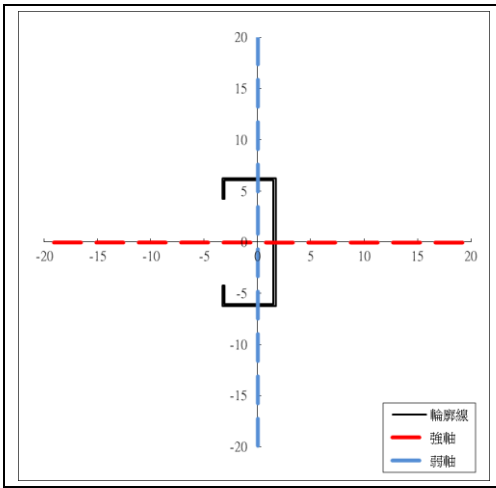
EL Line-B



EL Line-C

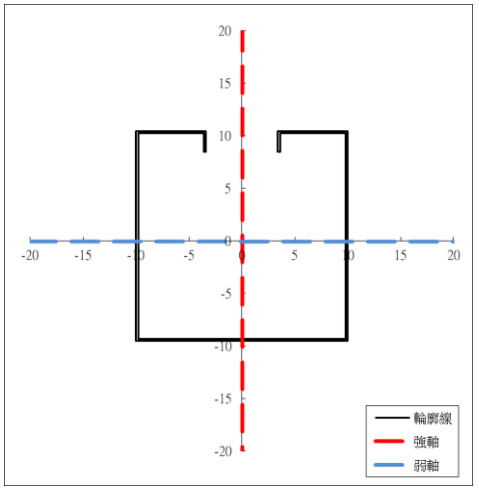
斷面性質

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

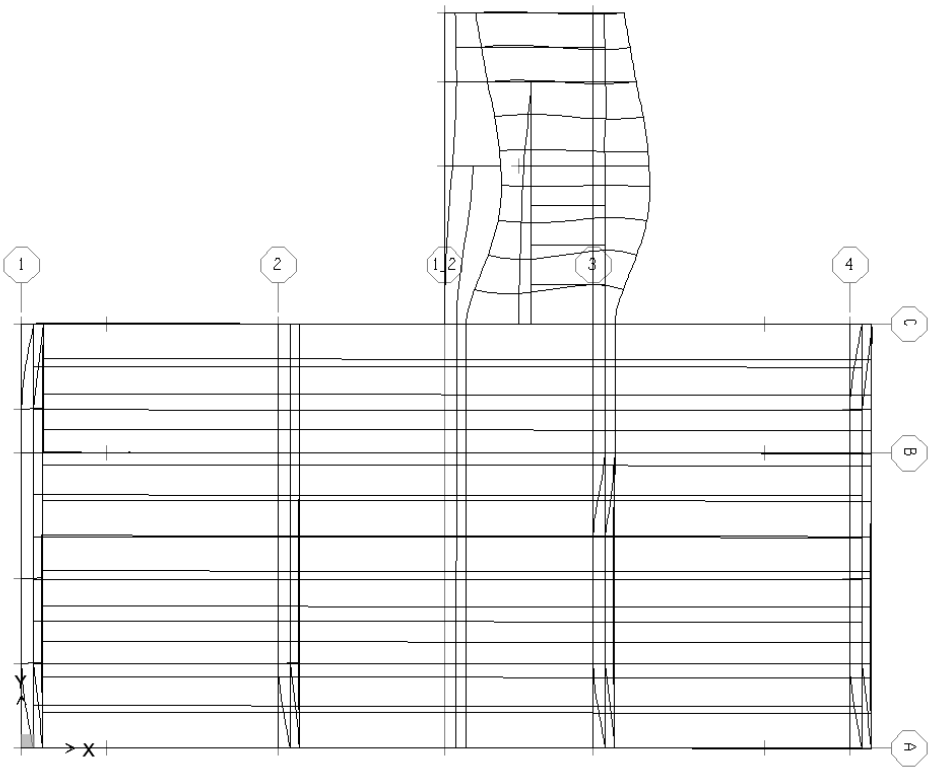


斷面積：	A=	15.200	(cm^2)
慣性矩：	Ix=	955.743	(cm^4)
	Iy=	1038.673	(cm^4)
斷面模數：	Sx=	91.334	(cm^3)
	Sy=	103.867	(cm^3)

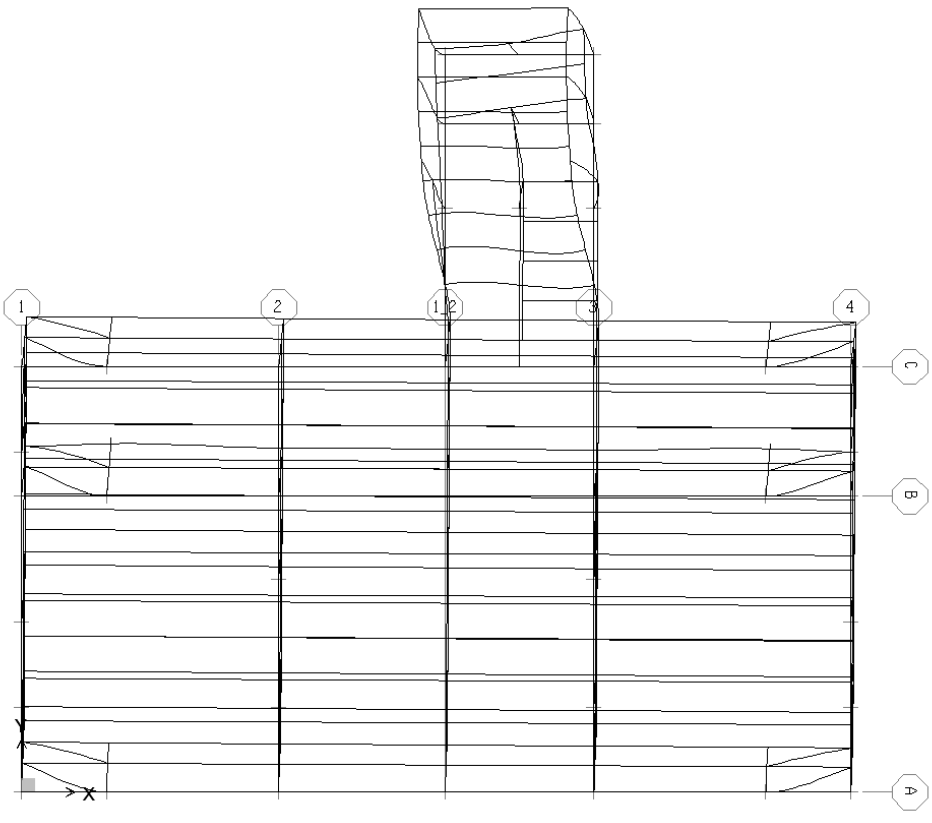
2-C125x50x20x2.0

	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： $S_x = \frac{\Sigma E \cdot I_x}{E_i \cdot y_i} = 39.830 \quad (cm^3)$ $S_y = \frac{\Sigma E \cdot I_y}{E_i \cdot x_i} = 11.552 \quad (cm^3)$

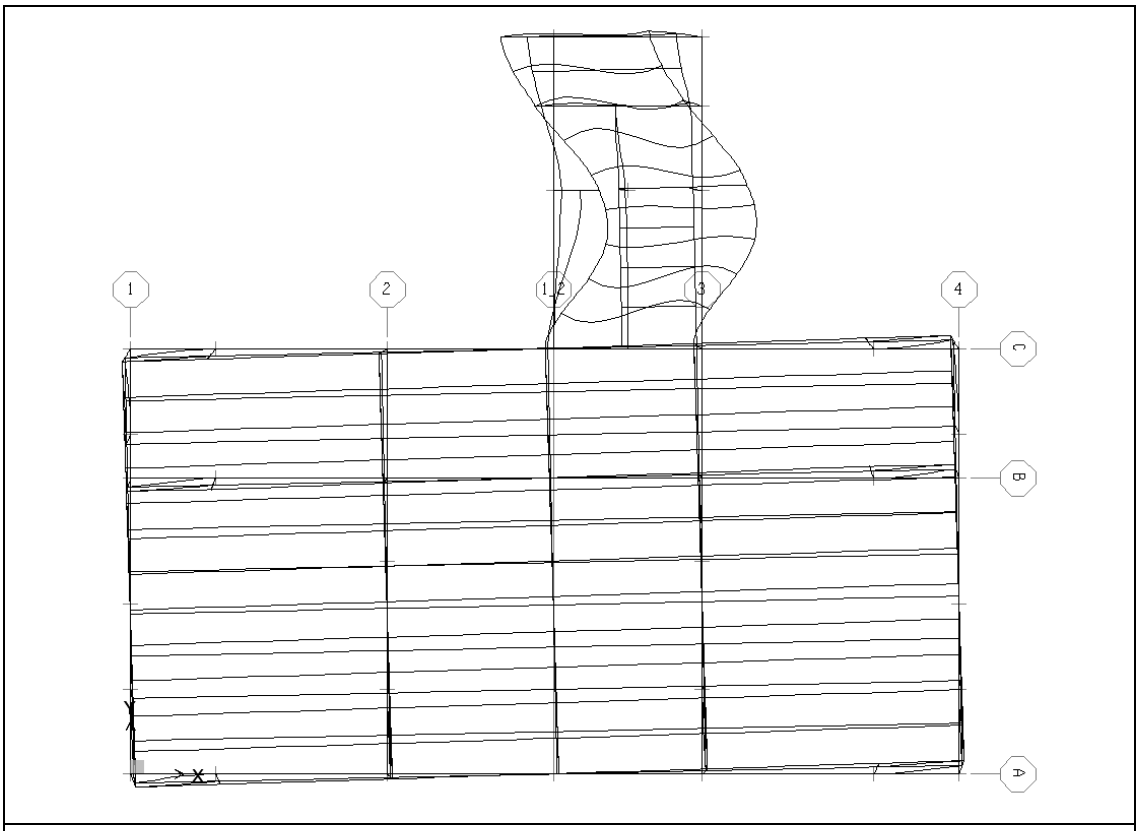
7.2 模態分析



X 向位移模態 T=0.113 (Mode 1)



Y 向位移模態 T=0.094 (Mode 3)



Z 向扭轉模態 T=0.065 (Mode 5)

有效累積振態質量

Mode	Period	UX	UY	RZ	SumUX	SumUY	SumRZ	Remark
1	0.113	82.109	0.005	0.173	82.109	0.005	0.173	X-Dir
2	0.097	7.336	1.916	20.342	89.445	1.921	20.515	
3	0.094	0.104	90.225	0.000	89.549	92.146	20.515	Y-Dir
4	0.069	0.566	0.328	36.885	90.114	92.474	57.400	
5	0.065	1.972	0.064	38.652	92.086	92.538	96.053	Z-Tor
6	0.043	3.308	0.000	0.019	95.394	92.538	96.072	
7	0.041	4.073	0.001	0.324	99.467	92.540	96.396	
8	0.038	0.010	0.000	0.087	99.477	92.540	96.484	
9	0.036	0.001	6.623	0.000	99.478	99.163	96.484	
10	0.034	0.375	0.004	0.102	99.853	99.166	96.585	
11	0.028	0.051	0.043	3.294	99.904	99.209	99.880	
12	0.025	0.060	0.001	0.043	99.964	99.210	99.922	
13	0.024	0.000	0.692	0.000	99.964	99.902	99.922	
14	0.022	0.000	0.007	0.006	99.964	99.909	99.928	
15	0.022	0.000	0.000	0.000	99.964	99.909	99.928	

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

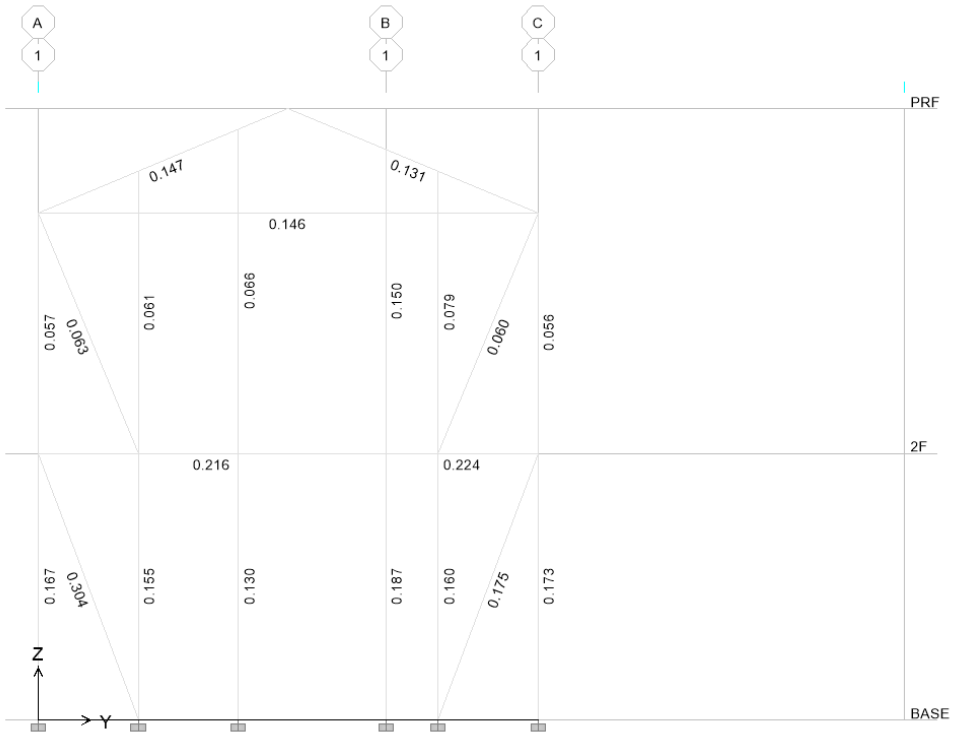
x = 強軸

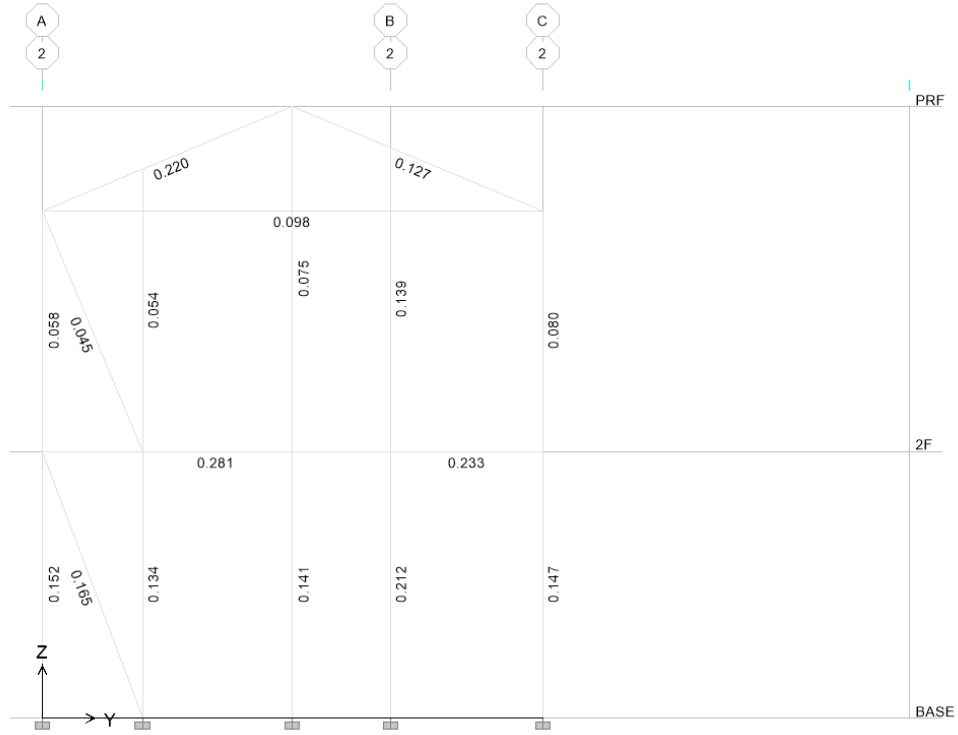
y = 弱軸

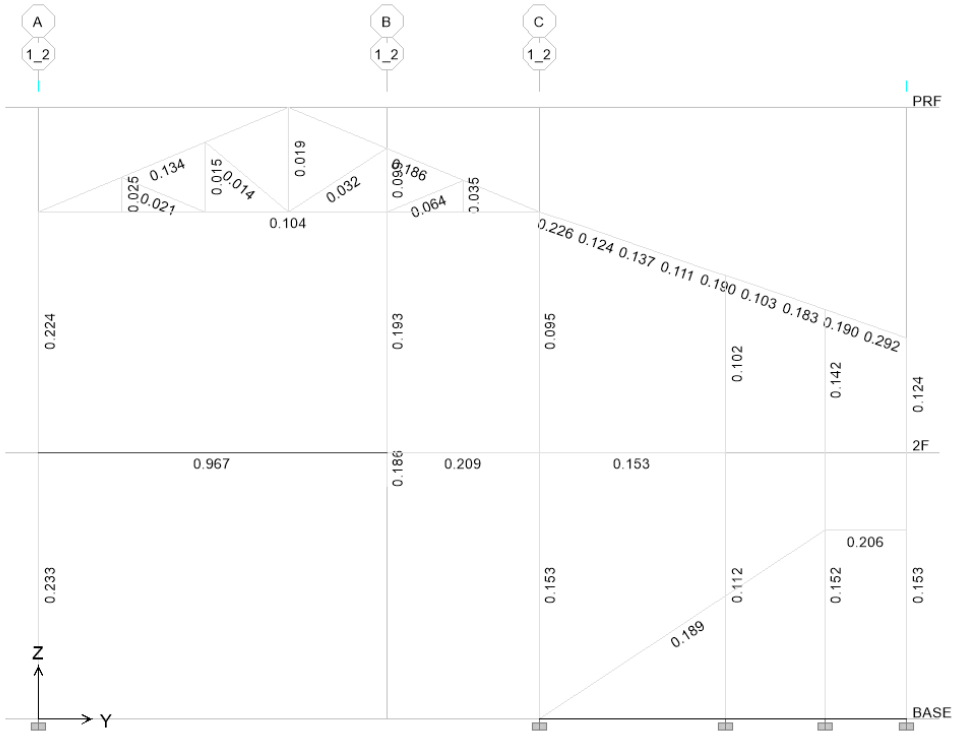
φ = 軸力載重下之強度折減係數

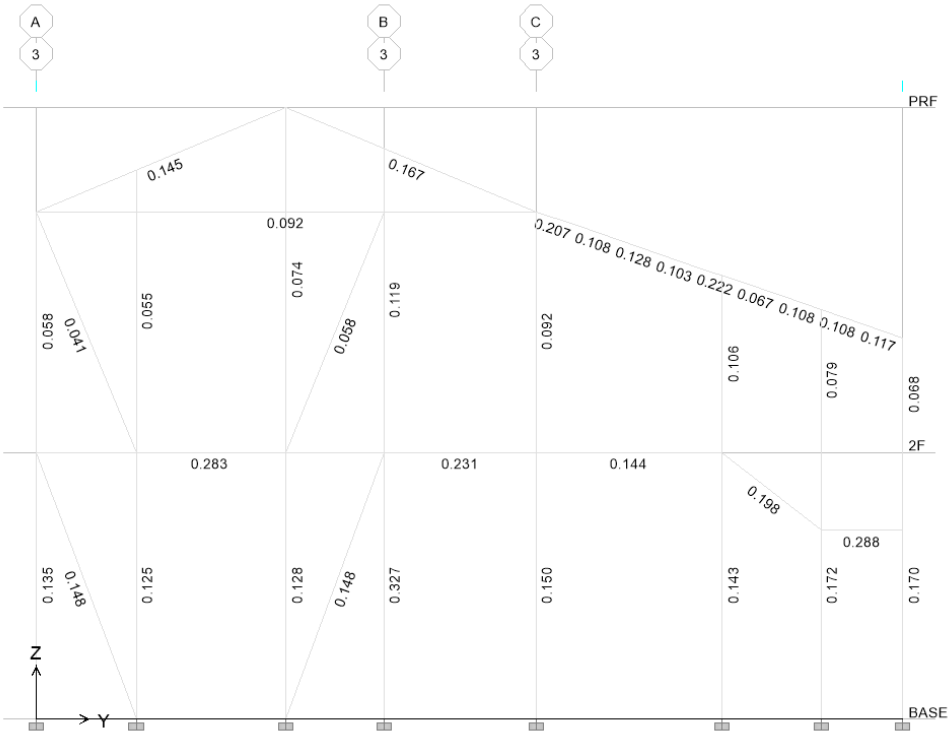
φ_b = 撓曲載重下之強度折減係數

分析模型各桿件的應力比皆小於1.....OK!

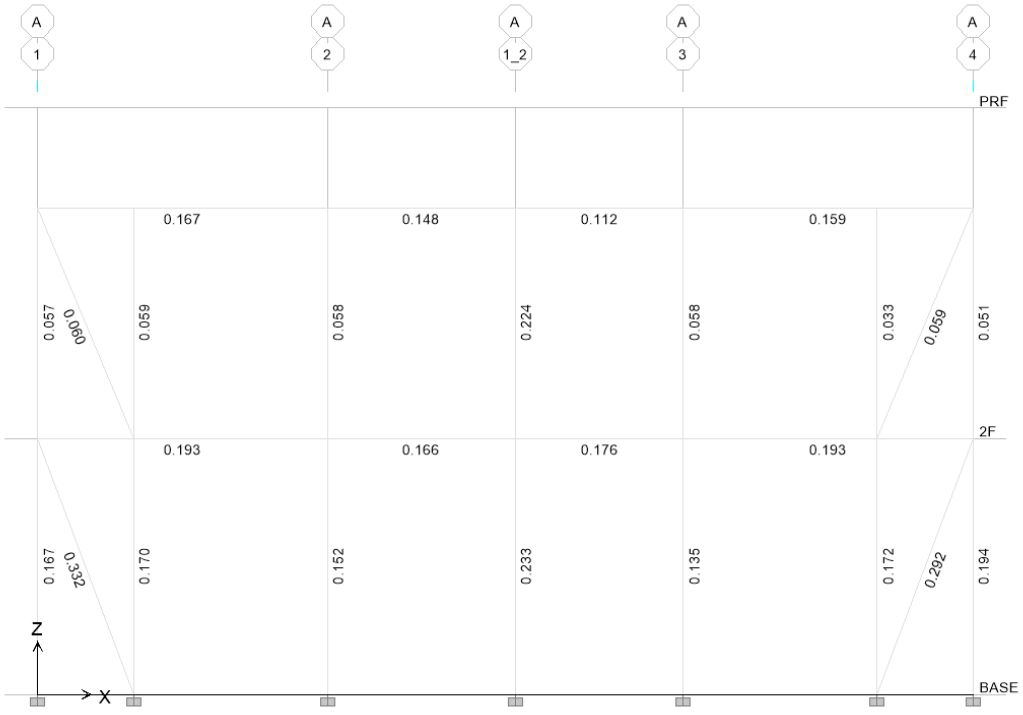

A
1
B
1
C
1
PRF
0.147
0.131
0.146
0.057
0.063
0.061
0.066
0.150
0.079
0.060
0.056
2F
0.216
0.224
0.167
0.304
0.155
0.130
0.187
0.160
0.175
0.173
Z
Y
BASE


A
2
B
2
C
2
PRF
0.220
0.127
0.098
0.058
0.045
0.054
0.075
0.139
0.080
2F
0.281
0.233
0.152
0.165
0.134
0.141
0.212
0.147
Z
Y
BASE


A
1_2
B
1_2
C
1_2
PRF
2F
BASE
0.967
0.209
0.153
0.104
0.206
0.189
Z
Y


A
3
B
3
C
3
PRF
2F
BASE
0.283
0.231
0.144
0.092
0.198
0.288
Z
Y


A
4
B
4
C
4
PRF
0.134
0.150
0.148
0.051
0.056
0.049
0.055
0.135
0.074
0.054
0.050
2F
0.179
0.168
0.117
0.194
0.158
0.155
0.120
0.331
0.164
0.149
0.195
Z
Y
BASE


A
1
A
2
A
1_2
A
3
A
4
PRF
0.167
0.148
0.112
0.159
0.057
0.060
0.059
0.058
0.224
0.058
0.033
0.059
0.051
2F
0.193
0.166
0.176
0.193
0.167
0.332
0.170
0.152
0.233
0.135
0.172
0.292
0.194
Z
X
BASE

9.0 基礎設計 / Foundation Design

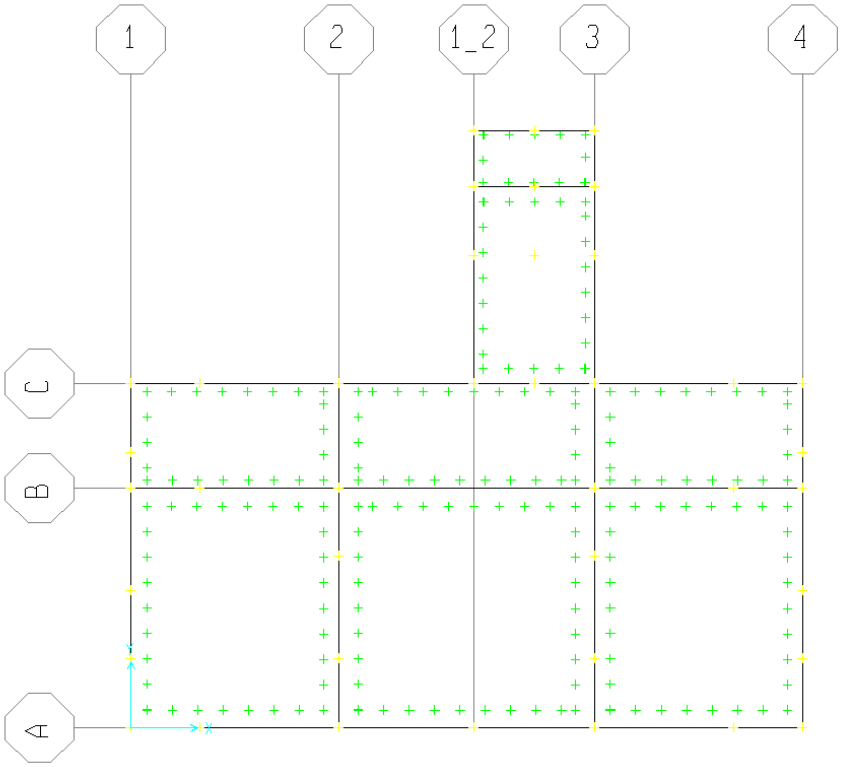
9.1 基礎設計說明

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			

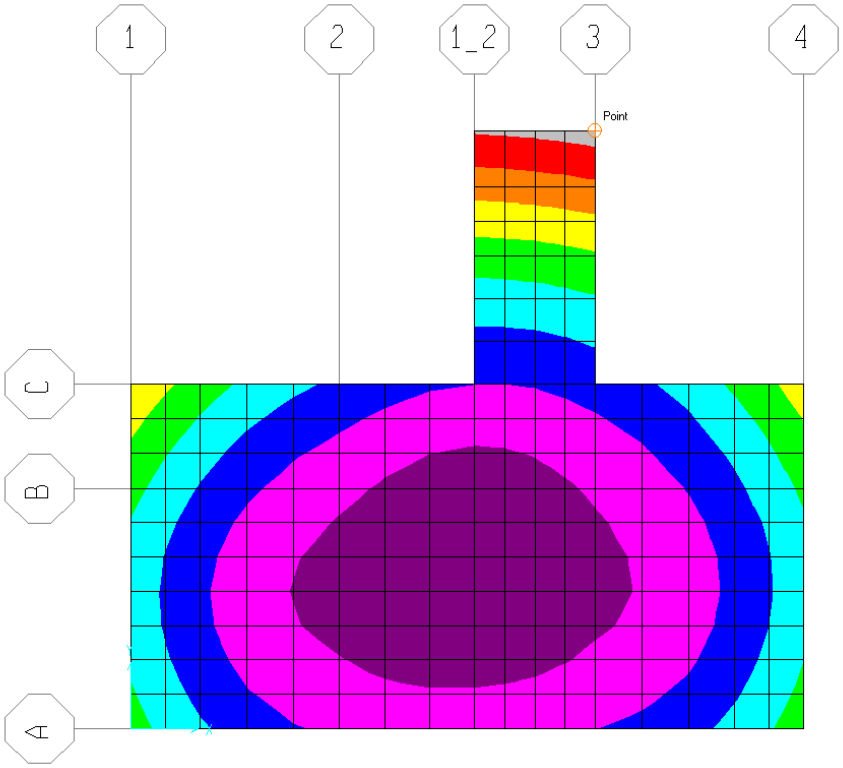
BASE37	0.900	0.900		-1.400						
BASE38	0.900	0.900			-1.400					
BASE39	0.900	0.900				-1.400				
BASE40	0.900	0.900					-1.400			

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 4.092(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 /10307	B76	η <1/500...OK
BASE02	1 /10307	B76	η <1/500...OK
BASE03	1 /8970	B111	η <1/500...OK
BASE04	1 /8970	B111	η <1/500...OK
BASE05	1 /13476	B113	η <1/333...OK
BASE06	1 /13476	B113	η <1/333...OK
BASE07	1 /7291	B111	η <1/333...OK
BASE08	1 /7291	B111	η <1/333...OK
BASE09	1 /13038	B5	η <1/333...OK
BASE10	1 /13038	B5	η <1/333...OK
BASE11	1 /7122	B111	η <1/333...OK
BASE12	1 /7122	B111	η <1/333...OK
BASE13	1 /6179	B76	η <1/333...OK
BASE14	1 /6179	B76	η <1/333...OK
BASE15	1 /9526	B76	η <1/333...OK
BASE16	1 /9526	B76	η <1/333...OK
BASE17	1 /6196	B76	η <1/333...OK
BASE18	1 /6196	B76	η <1/333...OK
BASE19	1 /9461	B76	η <1/333...OK
BASE20	1 /9461	B76	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	-0.277	170	δ <5.000(cm)...OK
BASE02	-0.277	170	δ <5.000(cm)...OK
BASE03	-0.409	170	δ <5.000(cm)...OK
BASE04	-0.409	170	δ <5.000(cm)...OK
BASE05	-0.412	170	δ <7.500(cm)...OK
BASE06	-0.412	170	δ <7.500(cm)...OK
BASE07	-0.435	170	δ <7.500(cm)...OK
BASE08	-0.435	170	δ <7.500(cm)...OK
BASE09	-0.413	170	δ <7.500(cm)...OK
BASE10	-0.413	170	δ <7.500(cm)...OK
BASE11	-0.433	170	δ <7.500(cm)...OK
BASE12	-0.433	170	δ <7.500(cm)...OK
BASE13	-0.409	168	δ <7.500(cm)...OK
BASE14	-0.409	168	δ <7.500(cm)...OK
BASE15	-0.384	170	δ <7.500(cm)...OK
BASE16	-0.384	170	δ <7.500(cm)...OK
BASE17	-0.409	168	δ <7.500(cm)...OK
BASE18	-0.409	168	δ <7.500(cm)...OK
BASE19	-0.385	170	δ <7.500(cm)...OK
BASE20	-0.385	170	δ <7.500(cm)...OK

9.3 基礎結構設計

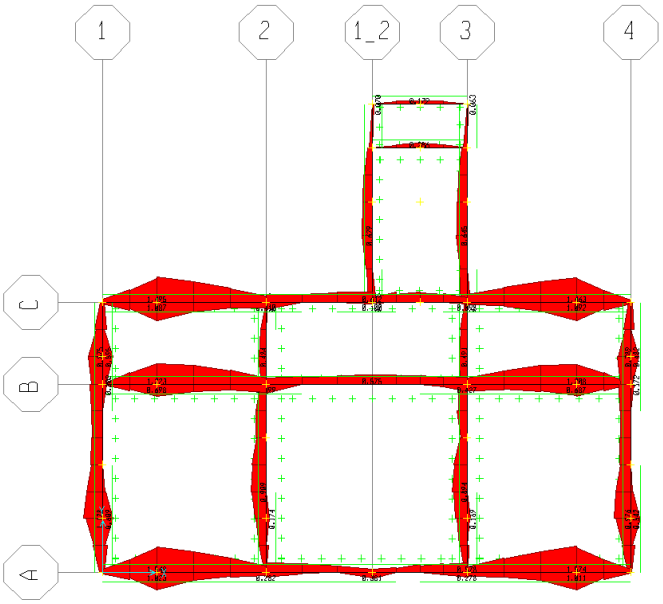
1. 材料強度

混凝土抗壓強度： 280 kgf/cm^2

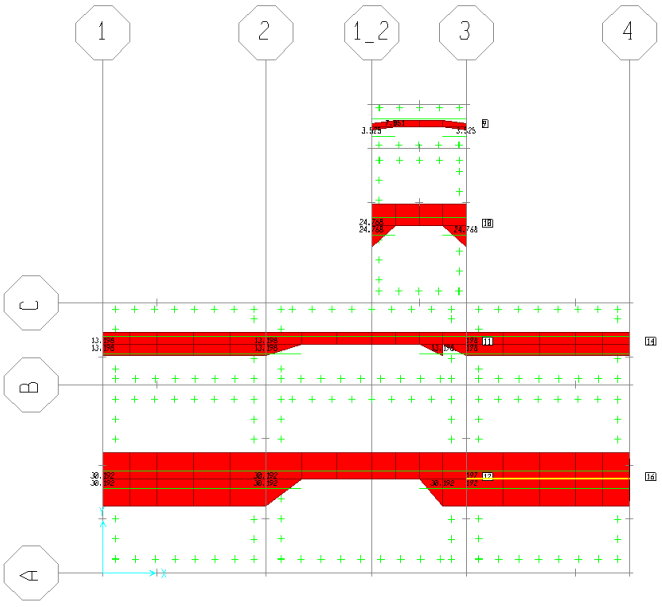
鋼筋降伏強度： 2800kgf/cm^2 (#3 及以下)

4200kgf/cm^2 (#4 及以上)

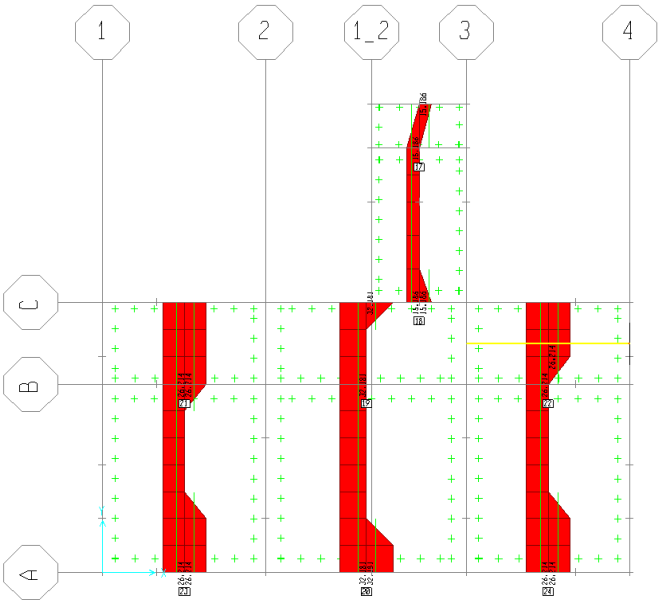
2. 地樑設計



3. 基版 X 向鋼筋需求



4. 基版 Y 向鋼筋需求



附錄

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$ File E:\WORK\2022\2208A\REPORT\SC2-3\220815\附件\2208A-SC2-3-220813-001.e2k saved 8/16/22 13:55:10

$ 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 413.3  SIMILARTO "2F"
  STORY "2F"  HEIGHT 320  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 362.5  GRIDTYPE  "PRIMARY"    BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "1_2"  DIR "X"  COORD 597.5  GRIDTYPE  "PRIMARY"    BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "3"  DIR "X"  COORD 807.5  GRIDTYPE  "PRIMARY"    BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "4"  DIR "X"  COORD 1170  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 417.5  GRIDTYPE  "PRIMARY"    BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "C"  DIR "Y"  COORD 600  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 9.89999998542412E-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 6.49999992674566E-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 "1"  0 0
  POINT "1-1"  0 0 124.6
  POINT "2"  120 0
  POINT "2-1"  120 0 124.6
  POINT "3"  362.5 0
  POINT "3-1"  362.5 0 124.6
  POINT "4"  597.5 0
  POINT "4-1"  597.5 0 124.6
  POINT "5"  807.5 0
  POINT "5-1"  807.5 0 124.6
  POINT "6"  1050 0
  POINT "6-1"  1050 0 124.6
  POINT "7"  1170 0
  POINT "7-1"  1170 0 124.6
  POINT "8"  0 50
  POINT "8-1"  0 50 103.8333
  POINT "9"  362.5 50
  POINT "9-1"  362.5 50 103.8333
  POINT "10"  597.5 50
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  POINT "11"  807.5 50
  POINT "11-1"  807.5 50 103.8333
  POINT "12"  1170 50
  POINT "12-1"  1170 50 103.8333
  POINT "13"  0 59.6428573131561
  POINT "14"  362.5 59.6428573131561
  POINT "15"  597.5 59.6428573131561
  POINT "16"  807.5 59.6428573131561
  POINT "17"  1170 59.6428573131561
  POINT "18"  0 100
  POINT "18-1"  0 100 83.06667
  POINT "19"  362.5 100
  POINT "19-1"  362.5 100 83.06667
  POINT "20"  597.5 100
  POINT "20-1"  597.5 100 83.06667
  POINT "20-2"  597.5 100 124.6
  POINT "21"  807.5 100
  POINT "21-1"  807.5 100 83.06667
  POINT "22"  1170 100
  POINT "22-1"  1170 100 83.06667
  POINT "23"  0 119.282853603363
  POINT "24"  362.5 119.282853603363
  POINT "25"  597.5 119.282853603363
  POINT "26"  807.5 119.282853603363
  POINT "27"  1170 119.282853603363
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  POINT "28-1"  0 120.000004768372 74.76
  POINT "29"  362.5 120.000004768372
  POINT "29-1"  362.5 120.000004768372 74.76
  POINT "30"  807.5 120.000004768372
  POINT "30-1"  807.5 120.000004768372 74.76
  POINT "31"  1170 120.000004768372
  POINT "31-1"  1170 120.000004768372 74.76
  POINT "32"  0 150
  POINT "32-1"  0 150 62.3
  POINT "33"  362.5 150
  POINT "33-1"  362.5 150 62.3
  POINT "34"  597.5 150
  POINT "34-1"  597.5 150 62.3
  POINT "35"  807.5 150
  POINT "35-1"  807.5 150 62.3
  POINT "36"  1170 150
  POINT "36-1"  1170 150 62.3
  POINT "37"  0 178.922855854034
  POINT "38"  362.5 178.922855854034
  POINT "39"  597.5 178.922855854034
  POINT "40"  807.5 178.922855854034
  POINT "41"  1170 178.922855854034
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  POINT "42-1"  0 200 41.53333
  POINT "43"  362.5 200
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  POINT "44"  597.5 200
  POINT "44-1"  597.5 200 41.53333
  POINT "44-2"  597.5 200 124.6
  POINT "45"  807.5 200
  POINT "45-1"  807.5 200 41.53333
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  POINT "46-1"  1170 200 41.53333
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  POINT "51"  1170 238.562846183777
  POINT "52"  0 240.000009536743
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  POINT "56"  597.5 250
  POINT "56-1"  597.5 250 20.76667
  POINT "57"  807.5 250
  POINT "57-1"  807.5 250 20.76667
  POINT "58"  1170 250
  POINT "58-1"  1170 250 20.76667
  POINT "59"  0 298.202848434448
  POINT "60"  362.5 298.202848434448
  POINT "61"  597.5 298.202848434448
  POINT "62"  807.5 298.202848434448
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  POINT "73"  1170 300
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  POINT "76"  362.5 350
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  POINT "79-1"  1170 350 20.76667
  POINT "80"  0 357.84285068512
  POINT "81"  362.5 357.84285068512
  POINT "82"  597.5 357.84285068512
  POINT "83"  807.5 357.84285068512
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  POINT "86"  0 400
  POINT "86-1"  0 400 41.53333
  POINT "87"  362.5 400
  POINT "87-1"  362.5 400 41.53333
  POINT "88"  597.5 400
  POINT "88-1"  597.5 400 41.53333
  POINT "89"  807.5 400
  POINT "89-1"  807.5 400 41.53333
  POINT "90"  1170 400
  POINT "90-1"  1170 400 41.53333
  POINT "91"  0 417.500019073486
  POINT "91-1"  0 417.500019073486 48.80167
  POINT "91-2"  0 417.500019073486 124.6
  POINT "92"  120 417.500019073486
  POINT "92-1"  120 417.500019073486 48.8
  POINT "93"  362.5 417.500019073486
  POINT "93-1"  362.5 417.500019073486 40
  POINT "93-2"  362.5 417.500019073486 48.80167
  POINT "93-3"  362.5 417.500019073486 124.6
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  POINT "94-1"  440.8333 417.500019073486 40
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  POINT "96-3"  597.5 417.500019073486 124.6
  POINT "97"  667.5 417.500019073486
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  POINT "99"  807.5 417.500019073486
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  POINT "101-1"  1170 417.500019073486 48.80167
  POINT "101-2"  1170 417.500019073486 124.6
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  POINT "102-1"  0 450 62.3
  POINT "103"  362.5 450
  POINT "103-1"  362.5 450 62.3
  POINT "104"  597.5 450
  POINT "104-1"  597.5 450 62.3
  POINT "105"  807.5 450
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  POINT "106"  1170 450
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  POINT "113-1"  1170 480.000019073486 74.76
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  POINT "114-1"  0 500 83.06667
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  POINT "115-1"  362.5 500 83.06667
  POINT "116"  597.5 500
  POINT "116-1"  597.5 500 83.06667
  POINT "117"  807.5 500
  POINT "117-1"  807.5 500 83.06667
  POINT "118"  1170 500
  POINT "118-1"  1170 500 83.06667
  POINT "119"  597.5 508.750009536743
  POINT "119-1"  597.5 508.750009536743 86.70084
  POINT "119-2"  597.5 508.750009536743 124.6
  POINT "120"  0 539.16335105896
  POINT "121"  362.5 539.16335105896
  POINT "122"  597.5 539.16335105896
  POINT "123"  807.5 539.16335105896
  POINT "124"  1170 539.16335105896
  POINT "125"  0 550
  POINT "125-1"  0 550 103.8333
  POINT "126"  362.5 550
  POINT "126-1"  362.5 550 103.8333
  POINT "127"  597.5 550
  POINT "127-1"  597.5 550 103.8333
  POINT "128"  807.5 550
  POINT "128-1"  807.5 550 103.8333
  POINT "129"  1170 550
  POINT "129-1"  1170 550 103.8333
  POINT "130"  0 600
  POINT "130-1"  0 600 124.6
  POINT "131"  120 600
  POINT "131-1"  120 600 124.6
  POINT "132"  362.5 600
  POINT "132-1"  362.5 600 124.6
  POINT "133"  597.5 600
  POINT "133-1"  597.5 600 124.6
  POINT "134"  702.5 600
  POINT "135"  807.5 600
  POINT "135-1"  807.5 600 124.6
  POINT "136"  1050 600
  POINT "136-1"  1050 600 124.6
  POINT "137"  1170 600
  POINT "137-1"  1170 600 124.6
  POINT "138"  597.5 648.888874053955
  POINT "138-1"  597.5 648.888874053955 141.3667
  POINT "139"  807.5 648.888874053955
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```
POINT "139-1" 807.5 648.888874053955 141.3667
POINT "140" 702.5 655.900001525879
POINT "141" 807.5 655.900001525879
POINT "142" 597.5 697.777795791626
POINT "142-1" 597.5 697.777795791626 158.1333
POINT "143" 807.5 697.777795791626
POINT "143-1" 807.5 697.777795791626 158.1333
POINT "144" 702.5 711.800003051758
POINT "145" 807.5 711.800003051758
POINT "146" 597.5 746.666669845581
POINT "146-1" 597.5 746.666669845581 174.9
POINT "147" 807.5 746.666669845581
POINT "147-1" 807.5 746.666669845581 174.9
POINT "148" 702.5 767.700004577637
POINT "149" 807.5 767.700004577637
POINT "150" 597.5 795.555543899536
POINT "150-1" 597.5 795.555543899536 191.6667
POINT "151" 807.5 795.555543899536
POINT "151-1" 807.5 795.555543899536 191.6667
POINT "152" 597.5 823.600006103516
POINT "152-1" 597.5 823.600006103516 201.2846
POINT "153" 702.5 823.600006103516
POINT "154" 807.5 823.600006103516
POINT "154-1" 807.5 823.600006103516 201.2846
POINT "155" 597.5 844.444465637207
POINT "155-1" 597.5 844.444465637207 208.4333
POINT "156" 807.5 844.444465637207
POINT "156-1" 807.5 844.444465637207 208.4333
POINT "157" 597.5 893.333339691162
POINT "157-1" 597.5 893.333339691162 225.2
POINT "158" 807.5 893.333339691162
POINT "158-1" 807.5 893.333339691162 225.2
POINT "159" 597.5 942.222213745117
POINT "159-1" 597.5 942.222213745117 241.9667
POINT "160" 807.5 942.222213745117
POINT "160-1" 807.5 942.222213745117 241.9667
POINT "161" 597.5 942.500019073486
POINT "161-1" 597.5 942.500019073486 93
POINT "161-2" 597.5 942.500019073486 242.0619
POINT "162" 702.5 942.500019073486
POINT "162-1" 702.5 942.500019073486 93
POINT "163" 807.5 942.500019073486
POINT "163-1" 807.5 942.500019073486 93
POINT "163-2" 807.5 942.500019073486 242.0619
POINT "164" 597.5 991.111087799072
POINT "164-1" 597.5 991.111087799072 258.7333
POINT "165" 807.5 991.111087799072
POINT "165-1" 807.5 991.111087799072 258.7333
POINT "166" 597.5 991.250038146973
POINT "166-1" 597.5 991.250038146973 93
POINT "167" 807.5 991.250038146973
POINT "167-1" 807.5 991.250038146973 93
POINT "168" 597.5 1039.99996185303
POINT "168-1" 597.5 1039.99996185303 93
POINT "168-2" 597.5 1039.99996185303 275.5
POINT "169" 702.5 1039.99996185303
POINT "169-1" 702.5 1039.99996185303 93
POINT "170" 807.5 1039.99996185303
POINT "170-1" 807.5 1039.99996185303 93
POINT "170-2" 807.5 1039.99996185303 275.5

$ LINE CONNECTIVITIES
  LINE "C1" COLUMN "1" "1" 1
  LINE "C1-1" COLUMN "1" "1-1" 1
  LINE "C2" COLUMN "2" "2" 1
  LINE "C2-1" COLUMN "2" "2-1" 1
  LINE "C3" COLUMN "3" "3" 1
  LINE "C3-1" COLUMN "3" "3-1" 1
  LINE "C4" COLUMN "4" "4" 1
  LINE "C4-1" COLUMN "4" "4-1" 1
  LINE "C5" COLUMN "5" "5" 1
  LINE "C5-1" COLUMN "5" "5-1" 1
  LINE "C6" COLUMN "6" "6" 1
  LINE "C6-1" COLUMN "6" "6-1" 1
  LINE "C7" COLUMN "7" "7" 1
  LINE "C7-1" COLUMN "7" "7-1" 1
  LINE "C8" COLUMN "20" "20" 1
  LINE "C8-1" COLUMN "20-2" "20-1" 0
  LINE "C9" COLUMN "28" "28" 1
  LINE "C9-1" COLUMN "28" "28-1" 1
  LINE "C10" COLUMN "29" "29" 1
  LINE "C10-1" COLUMN "29" "29-1" 1
  LINE "C11" COLUMN "30" "30" 1
  LINE "C11-1" COLUMN "30" "30-1" 1
  LINE "C12" COLUMN "31" "31" 1
  LINE "C12-1" COLUMN "31" "31-1" 1
  LINE "C13" COLUMN "44" "44" 1
  LINE "C13-1" COLUMN "44-2" "44-1" 0
  LINE "C14" COLUMN "52" "52" 1
  LINE "C14-1" COLUMN "52" "52-1" 1
  LINE "C15" COLUMN "53" "53" 1
  LINE "C15-1" COLUMN "53" "53-1" 1
  LINE "C16" COLUMN "66" "66" 1
  LINE "C17" COLUMN "71" "71" 1
  LINE "C17-1" COLUMN "71-1" "71" 0
  LINE "C18" COLUMN "72" "72" 1
  LINE "C19" COLUMN "91" "91" 1
  LINE "C19-1" COLUMN "91" "91-1" 1
  LINE "C20" COLUMN "92" "92" 1
  LINE "C20-1" COLUMN "92" "92-1" 1
  LINE "C21" COLUMN "93" "93" 1
  LINE "C21-1" COLUMN "93" "93-2" 1
  LINE "C22" COLUMN "94" "94" 1
  LINE "C22-1" COLUMN "94-1" "94" 0
  LINE "C23" COLUMN "95" "95" 1
  LINE "C23-1" COLUMN "95-1" "95" 0
  LINE "C24" COLUMN "96" "96" 1
  LINE "C24-1" COLUMN "96-1" "96" 0
  LINE "C24-2" COLUMN "96-3" "96-2" 0
  LINE "C24-3" COLUMN "96" "96-3" 1
  LINE "C25" COLUMN "97" "97" 1
  LINE "C25-1" COLUMN "97-1" "97" 0
  LINE "C26" COLUMN "98" "98" 1
  LINE "C26-1" COLUMN "98-1" "98" 0
  LINE "C27" COLUMN "99" "99" 1
  LINE "C27-1" COLUMN "99" "99-2" 1
  LINE "C28" COLUMN "100" "100" 1
  LINE "C28-1" COLUMN "100" "100-1" 1
  LINE "C29" COLUMN "101" "101" 1
  LINE "C29-1" COLUMN "101" "101-1" 1
  LINE "C30" COLUMN "112" "112" 1
  LINE "C30-1" COLUMN "112" "112-1" 1
  LINE "C31" COLUMN "113" "113" 1
  LINE "C31-1" COLUMN "113" "113-1" 1
  LINE "C32" COLUMN "119" "119" 1
  LINE "C32-1" COLUMN "119-2" "119-1" 0
  LINE "C33" COLUMN "130" "130" 1
  LINE "C33-1" COLUMN "130" "130-1" 1
  LINE "C34" COLUMN "131" "131" 1
  LINE "C34-1" COLUMN "131" "131-1" 1
  LINE "C35" COLUMN "132" "132" 1
  LINE "C35-1" COLUMN "132" "132-1" 1
  LINE "C36" COLUMN "133" "133" 1
  LINE "C36-1" COLUMN "133" "133-1" 1
  LINE "C37" COLUMN "135" "135" 1
  LINE "C37-1" COLUMN "135" "135-1" 1
  LINE "C38" COLUMN "136" "136" 1
  LINE "C38-1" COLUMN "136" "136-1" 1
  LINE "C39" COLUMN "137" "137" 1
  LINE "C39-1" COLUMN "137" "137-1" 1
  LINE "C40" COLUMN "152" "152" 1
  LINE "C40-1" COLUMN "152" "152-1" 1
  LINE "C41" COLUMN "153" "153" 1
  LINE "C42" COLUMN "154" "154" 1
  LINE "C42-1" COLUMN "154" "154-1" 1
  LINE "C43" COLUMN "161" "161" 1
  LINE "C43-1" COLUMN "161" "161-2" 1
  LINE "C44" COLUMN "162" "162" 1
  LINE "C44-1" COLUMN "162" "162-1" 1
  LINE "C45" COLUMN "163" "163" 1
  LINE "C45-1" COLUMN "163" "163-2" 1
  LINE "C46" COLUMN "168" "168" 1
  LINE "C46-1" COLUMN "168" "168-2" 1
  LINE "C47" COLUMN "169" "169" 1
  LINE "C47-1" COLUMN "169" "169-1" 1
  LINE "C48" COLUMN "170" "170" 1
  LINE "C48-1" COLUMN "170" "170-2" 1
  LINE "B1" BEAM "1" "3" 0
  LINE "B2" BEAM "1-1" "3-1" 0
  LINE "B3" BEAM "3" "4" 0
  LINE "B4" BEAM "3-1" "4-1" 0
  LINE "B5" BEAM "3" "5" 0
  LINE "B6" BEAM "4" "5" 0
  LINE "B7" BEAM "4-1" "5-1" 0
  LINE "B8" BEAM "5" "7" 0
  LINE "B9" BEAM "5-1" "7-1" 0
  LINE "B10" BEAM "8-1" "9-1" 0
  LINE "B11" BEAM "9-1" "10-1" 0
  LINE "B12" BEAM "10-1" "11-1" 0
  LINE "B13" BEAM "11-1" "12-1" 0
  LINE "B14" BEAM "13" "14" 0
  LINE "B15" BEAM "14" "15" 0
  LINE "B16" BEAM "15" "16" 0
  LINE "B17" BEAM "16" "17" 0
  LINE "B18" BEAM "18-1" "19-1" 0
  LINE "B19" BEAM "19-1" "20-1" 0
  LINE "B20" BEAM "20-1" "21-1" 0
  LINE "B21" BEAM "21-1" "22-1" 0
  LINE "B22" BEAM "23" "24" 0
  LINE "B23" BEAM "24" "25" 0
  LINE "B24" BEAM "25" "26" 0
  LINE "B25" BEAM "26" "27" 0
  LINE "B26" BEAM "32-1" "33-1" 0
  LINE "B27" BEAM "33-1" "34-1" 0
  LINE "B28" BEAM "34-1" "35-1" 0
  LINE "B29" BEAM "35-1" "36-1" 0
  LINE "B30" BEAM "37" "38" 0
  LINE "B31" BEAM "38" "39" 0
  LINE "B32" BEAM "39" "40" 0
  LINE "B33" BEAM "40" "41" 0
  LINE "B34" BEAM "42-1" "43-1" 0
  LINE "B35" BEAM "43-1" "44-1" 0
  LINE "B36" BEAM "44-1" "45-1" 0
  LINE "B37" BEAM "45-1" "46-1" 0
  LINE "B38" BEAM "1" "91" 0
  LINE "B39" BEAM "3" "93" 0
  LINE "B40" BEAM "4" "96" 0
  LINE "B41" BEAM "5" "99" 0
  LINE "B42" BEAM "7" "101" 0
  LINE "B43" BEAM "47" "48" 0
  LINE "B44" BEAM "48" "49" 0
  LINE "B45" BEAM "49" "50" 0
  LINE "B46" BEAM "50" "51" 0
  LINE "B47" BEAM "54-1" "55-1" 0
  LINE "B48" BEAM "55-1" "56-1" 0
  LINE "B49" BEAM "56-1" "57-1" 0
  LINE "B50" BEAM "57-1" "58-1" 0
  LINE "B51" BEAM "59" "60" 0
  LINE "B52" BEAM "60" "61" 0
  LINE "B53" BEAM "61" "62" 0
  LINE "B54" BEAM "62" "63" 0
  LINE "B55" BEAM "1-1" "130-1" 0
  LINE "B56" BEAM "65" "66" 0
  LINE "B57" BEAM "3-1" "132-1" 0
  LINE "B58" BEAM "66" "71" 0
  LINE "B59" BEAM "4-1" "133-1" 0
  LINE "B60" BEAM "71" "72" 0
  LINE "B61" BEAM "5-1" "135-1" 0
  LINE "B62" BEAM "72" "73" 0
  LINE "B63" BEAM "7-1" "137-1" 0
  LINE "B64" BEAM "75-1" "76-1" 0
  LINE "B65" BEAM "76-1" "77-1" 0
  LINE "B66" BEAM "77-1" "78-1" 0
  LINE "B67" BEAM "78-1" "79-1" 0
  LINE "B68" BEAM "80" "81" 0
  LINE "B69" BEAM "81" "82" 0
  LINE "B70" BEAM "82" "83" 0
  LINE "B71" BEAM "83" "84" 0
  LINE "B72" BEAM "86-1" "87-1" 0
  LINE "B73" BEAM "87-1" "88-1" 0
  LINE "B74" BEAM "88-1" "89-1" 0
  LINE "B75" BEAM "89-1" "90-1" 0
  LINE "B76" BEAM "91" "93" 0
  LINE "B77" BEAM "91-2" "93-3" 0
  LINE "B78" BEAM "93-3" "99-3" 0
  LINE "B79" BEAM "93" "99" 0
  LINE "B80" BEAM "93-1" "99-1" 0
  LINE "B81" BEAM "99" "101" 0
  LINE "B82" BEAM "99-3" "101-2" 0
  LINE "B83" BEAM "101" "113" 0
  LINE "B84" BEAM "102-1" "103-1" 0
  LINE "B85" BEAM "103-1" "104-1" 0
  LINE "B86" BEAM "104-1" "105-1" 0
  LINE "B87" BEAM "105-1" "106-1" 0
  LINE "B88" BEAM "107" "108" 0
  LINE "B89" BEAM "108" "109" 0
  LINE "B90" BEAM "109" "110" 0
  LINE "B91" BEAM "110" "111" 0
  LINE "B92" BEAM "114-1" "115-1" 0
  LINE "B93" BEAM "115-1" "116-1" 0
  LINE "B94" BEAM "116-1" "117-1" 0
  LINE "B95" BEAM "117-1" "118-1" 0
  LINE "B96" BEAM "91" "130" 0
  LINE "B97" BEAM "93" "132" 0
  LINE "B98" BEAM "96" "133" 0
  LINE "B99" BEAM "99" "135" 0
  LINE "B100" BEAM "101" "137" 0
  LINE "B101" BEAM "120" "121" 0
  LINE "B102" BEAM "121" "122" 0
  LINE "B103" BEAM "122" "123" 0
  LINE "B104" BEAM "123" "124" 0
  LINE "B105" BEAM "113" "137" 0
  LINE "B106" BEAM "125-1" "126-1" 0
  LINE "B107" BEAM "126-1" "127-1" 0
  LINE "B108" BEAM "127-1" "128-1" 0
  LINE "B109" BEAM "128-1" "129-1" 0
  LINE "B110" BEAM "130-1" "132-1" 0
  LINE "B111" BEAM "130" "132" 0
  LINE "B112" BEAM "132-1" "135-1" 0
  LINE "B113" BEAM "132" "135" 0
  LINE "B114" BEAM "135-1" "137-1" 0
  LINE "B115" BEAM "135" "137" 0
  LINE "B116" BEAM "138-1" "139-1" 0
  LINE "B117" BEAM "140" "141" 0
  LINE "B118" BEAM "142-1" "143-1" 0
  LINE "B119" BEAM "133" "152" 0
  LINE "B120" BEAM "134" "153" 0
  LINE "B121" BEAM "144" "145" 0
  LINE "B122" BEAM "135" "154" 0
  LINE "B123" BEAM "146-1" "147-1" 0
  LINE "B124" BEAM "148" "149" 0
  LINE "B125" BEAM "150-1" "151-1" 0
  LINE "B126" BEAM "133" "168" 0
  LINE "B127" BEAM "135" "170" 0
  LINE "B128" BEAM "153" "154" 0
  LINE "B129" BEAM "155-1" "156-1" 0
  LINE "B130" BEAM "157-1" "158-1" 0
  LINE "B131" BEAM "161-2" "163-2" 0
  LINE "B132" BEAM "161" "163" 0
  LINE "B133" BEAM "161-1" "163-1" 0
  LINE "B134" BEAM "164-1" "165-1" 0
  LINE "B135" BEAM "161-1" "168-1" 0
  LINE "B136" BEAM "166-1" "167-1" 0
  LINE "B137" BEAM "163-1" "170-1" 0
  LINE "B138" BEAM "168-2" "170-2" 0
  LINE "B139" BEAM "168" "170" 0
  LINE "B140" BEAM "168-1" "170-1" 0
  LINE "D1" BRACE "2" "1" 1
  LINE "D2" BRACE "2" "1-1" 1
  LINE "D3" BRACE "6" "7-1" 1
  LINE "D4" BRACE "6" "7" 1
  LINE "D5" BRACE "28" "1-1" 1
  LINE "D6" BRACE "28" "1" 1
  LINE "D7" BRACE "29" "3-1" 1
  LINE "D8" BRACE "29" "3" 1
  LINE "D9" BRACE "30" "5-1" 1
  LINE "D10" BRACE "30" "5" 1
  LINE "D11" BRACE "31" "7-1" 1
  LINE "D12" BRACE "31" "7" 1
  LINE "D13" BRACE "1-1" "65" 0
  LINE "D14" BRACE "3-1" "66" 0
  LINE "D15" BRACE "44-2" "20-1" 0
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LINE "D16" BRACE "4-1" "71" 0
LINE "D17" BRACE "5-1" "72" 0
LINE "D18" BRACE "7-1" "73" 0
LINE "D19" BRACE "71-1" "44-1" 0
LINE "D20" BRACE "71-1" "96-2" 0
LINE "D21" BRACE "72" "99" 1
LINE "D22" BRACE "72" "99-3" 1
LINE "D23" BRACE "92" "91" 1
LINE "D24" BRACE "92" "91-2" 1
LINE "D25" BRACE "94-1" "93" 0
LINE "D26" BRACE "95-1" "94" 0
LINE "D27" BRACE "96-1" "95" 0
LINE "D28" BRACE "96-1" "97" 0
LINE "D29" BRACE "97-1" "98" 0
LINE "D30" BRACE "98-1" "99" 0
LINE "D31" BRACE "100" "101-2" 1
LINE "D32" BRACE "100" "101" 1
LINE "D33" BRACE "130-1" "65" 0
LINE "D34" BRACE "132-1" "66" 0
LINE "D35" BRACE "133-1" "71" 0
LINE "D36" BRACE "135-1" "72" 0
LINE "D37" BRACE "137-1" "73" 0
LINE "D38" BRACE "96-3" "119-1" 0
LINE "D39" BRACE "112" "130-1" 1
LINE "D40" BRACE "112" "130" 1
LINE "D41" BRACE "113" "137-1" 1
LINE "D42" BRACE "113" "137" 1
LINE "D43" BRACE "131" "130" 1
LINE "D44" BRACE "131" "130-1" 1
LINE "D45" BRACE "136" "137-1" 1
LINE "D46" BRACE "136" "137" 1
LINE "D47" BRACE "138-1" "133-1" 0
LINE "D48" BRACE "139-1" "135-1" 0
LINE "D49" BRACE "142-1" "138-1" 0
LINE "D50" BRACE "143-1" "139-1" 0
LINE "D51" BRACE "146-1" "142-1" 0
LINE "D52" BRACE "147-1" "143-1" 0
LINE "D53" BRACE "150-1" "146-1" 0
LINE "D54" BRACE "151-1" "147-1" 0
LINE "D55" BRACE "133" "161-1" 1
LINE "D56" BRACE "134" "162-1" 1
LINE "D57" BRACE "155-1" "150-1" 0
LINE "D58" BRACE "156-1" "151-1" 0
LINE "D59" BRACE "157-1" "155-1" 0
LINE "D60" BRACE "158-1" "156-1" 0
LINE "D61" BRACE "162-1" "153" 0
LINE "D62" BRACE "163-1" "154" 0
LINE "D63" BRACE "159-1" "157-1" 0
LINE "D64" BRACE "160-1" "158-1" 0
LINE "D65" BRACE "164-1" "159-1" 0
LINE "D66" BRACE "165-1" "160-1" 0
LINE "D67" BRACE "168-2" "164-1" 0
LINE "D68" BRACE "170-2" "165-1" 0

$ AREA CONNECTIVITIES
 AREA "F1" FLOOR 4 "93" "91" "1" "3" 0 0 0 0
 AREA "F2" FLOOR 4 "99" "93" "3" "5" 0 0 0 0
 AREA "F3" FLOOR 4 "101" "99" "5" "7" 0 0 0 0
 AREA "F4" FLOOR 4 "93" "132" "130" "91" 0 0 0 0
 AREA "F5" FLOOR 4 "93" "99" "135" "132" 0 0 0 0
 AREA "F6" FLOOR 4 "135" "99" "101" "137" 0 0 0 0
 AREA "F7" FLOOR 4 "163" "161" "133" "135" 0 0 0 0
 AREA "F8" FLOOR 4 "161" "163" "170" "168" 0 0 0 0

$ POINT ASSIGNS
 POINTASSIGN "1" "BASE" DIAPH "D1"
 POINTASSIGN "1" "2F" DIAPH "D1"
 POINTASSIGN "1-1" "PRF" DIAPH "D1"
 POINTASSIGN "130" "BASE" DIAPH "D1"
 POINTASSIGN "130" "2F" DIAPH "D1"
 POINTASSIGN "130-1" "PRF" DIAPH "D1"
 POINTASSIGN "65" "PRF" DIAPH "D1"
 POINTASSIGN "28" "BASE" DIAPH "D1"
 POINTASSIGN "28" "2F" DIAPH "D1"
 POINTASSIGN "112" "BASE" DIAPH "D1"
 POINTASSIGN "112" "2F" DIAPH "D1"
 POINTASSIGN "28-1" "PRF" DIAPH "D1"
 POINTASSIGN "112-1" "PRF" DIAPH "D1"
 POINTASSIGN "91" "BASE" DIAPH "D1"
 POINTASSIGN "91" "2F" DIAPH "D1"
 POINTASSIGN "91-1" "PRF" DIAPH "D1"
 POINTASSIGN "52" "BASE" DIAPH "D1"
 POINTASSIGN "52" "2F" DIAPH "D1"
 POINTASSIGN "52-1" "PRF" DIAPH "D1"
 POINTASSIGN "7" "2F" DIAPH "D1"
 POINTASSIGN "7-1" "PRF" DIAPH "D1"
 POINTASSIGN "137" "2F" DIAPH "D1"
 POINTASSIGN "137-1" "PRF" DIAPH "D1"
 POINTASSIGN "73" "PRF" DIAPH "D1"
 POINTASSIGN "31" "2F" DIAPH "D1"
 POINTASSIGN "113" "2F" DIAPH "D1"
 POINTASSIGN "31-1" "PRF" DIAPH "D1"
 POINTASSIGN "113-1" "PRF" DIAPH "D1"
 POINTASSIGN "101" "2F" DIAPH "D1"
 POINTASSIGN "101-1" "PRF" DIAPH "D1"
 POINTASSIGN "53" "2F" DIAPH "D1"
 POINTASSIGN "53-1" "PRF" DIAPH "D1"
 POINTASSIGN "7" "BASE" DIAPH "D1"
 POINTASSIGN "137" "BASE" DIAPH "D1"
 POINTASSIGN "31" "BASE" DIAPH "D1"
 POINTASSIGN "113" "BASE" DIAPH "D1"
 POINTASSIGN "101" "BASE" DIAPH "D1"
 POINTASSIGN "53" "BASE" DIAPH "D1"
 POINTASSIGN "3" "2F" DIAPH "D1"
 POINTASSIGN "3-1" "PRF" DIAPH "D1"
 POINTASSIGN "132" "2F" DIAPH "D1"
 POINTASSIGN "132-1" "PRF" DIAPH "D1"
 POINTASSIGN "66" "PRF" DIAPH "D1"
 POINTASSIGN "29" "2F" DIAPH "D1"
 POINTASSIGN "29-1" "PRF" DIAPH "D1"
 POINTASSIGN "93" "2F" DIAPH "D1"
 POINTASSIGN "93-2" "PRF" DIAPH "D1"
 POINTASSIGN "3" "BASE" DIAPH "D1"
 POINTASSIGN "132" "BASE" DIAPH "D1"
 POINTASSIGN "29" "BASE" DIAPH "D1"
 POINTASSIGN "93" "BASE" DIAPH "D1"
 POINTASSIGN "66" "BASE" DIAPH "D1"
 POINTASSIGN "66" "2F" DIAPH "D1"
 POINTASSIGN "4" "2F" DIAPH "D1"
 POINTASSIGN "4-1" "PRF" DIAPH "D1"
 POINTASSIGN "133" "2F" DIAPH "D1"
 POINTASSIGN "133-1" "PRF" DIAPH "D1"
 POINTASSIGN "71" "PRF" DIAPH "D1"
 POINTASSIGN "96" "2F" DIAPH "D1"
 POINTASSIGN "96-2" "PRF" DIAPH "D1"
 POINTASSIGN "4" "BASE" DIAPH "D1"
 POINTASSIGN "133" "BASE" DIAPH "D1"
 POINTASSIGN "71-1" "PRF" DIAPH "D1"
 POINTASSIGN "20-1" "PRF" DIAPH "D1"
 POINTASSIGN "44-1" "PRF" DIAPH "D1"
 POINTASSIGN "20-2" "PRF" DIAPH "D1"
 POINTASSIGN "44-2" "PRF" DIAPH "D1"
 POINTASSIGN "96-3" "PRF" DIAPH "D1"
 POINTASSIGN "119-1" "PRF" DIAPH "D1"
 POINTASSIGN "119-2" "PRF" DIAPH "D1"
 POINTASSIGN "168" "BASE" DIAPH "D1"
 POINTASSIGN "152" "BASE" DIAPH "D1"
 POINTASSIGN "161" "BASE" DIAPH "D1"
 POINTASSIGN "5" "2F" DIAPH "D1"
 POINTASSIGN "5-1" "PRF" DIAPH "D1"
 POINTASSIGN "135" "2F" DIAPH "D1"
 POINTASSIGN "135-1" "PRF" DIAPH "D1"
 POINTASSIGN "72" "PRF" DIAPH "D1"
 POINTASSIGN "30" "2F" DIAPH "D1"
 POINTASSIGN "99" "2F" DIAPH "D1"
 POINTASSIGN "72" "2F" DIAPH "D1"
 POINTASSIGN "154" "2F" DIAPH "D1"
 POINTASSIGN "5" "BASE" DIAPH "D1"
 POINTASSIGN "135" "BASE" DIAPH "D1"
 POINTASSIGN "99" "BASE" DIAPH "D1"
 POINTASSIGN "170" "BASE" DIAPH "D1"
 POINTASSIGN "154" "BASE" DIAPH "D1"
 POINTASSIGN "163" "BASE" DIAPH "D1"
 POINTASSIGN "30" "BASE" DIAPH "D1"
 POINTASSIGN "30-1" "PRF" DIAPH "D1"
 POINTASSIGN "99-2" "PRF" DIAPH "D1"
 POINTASSIGN "72" "BASE" DIAPH "D1"
 POINTASSIGN "99-3" "PRF" DIAPH "D1"
 POINTASSIGN "2" "BASE" DIAPH "D1"
 POINTASSIGN "2" "2F" DIAPH "D1"
 POINTASSIGN "2-1" "PRF" DIAPH "D1"
 POINTASSIGN "6" "BASE" DIAPH "D1"
 POINTASSIGN "6" "2F" DIAPH "D1"
 POINTASSIGN "6-1" "PRF" DIAPH "D1"
 POINTASSIGN "92" "BASE" DIAPH "D1"
 POINTASSIGN "92" "2F" DIAPH "D1"
 POINTASSIGN "100" "BASE" DIAPH "D1"
 POINTASSIGN "100" "2F" DIAPH "D1"
 POINTASSIGN "91-2" "PRF" DIAPH "D1"
 POINTASSIGN "101-2" "PRF" DIAPH "D1"
 POINTASSIGN "93-3" "PRF" DIAPH "D1"
 POINTASSIGN "93-1" "2F" DIAPH "D1"
 POINTASSIGN "99-1" "2F" DIAPH "D1"
 POINTASSIGN "96-1" "2F" DIAPH "D1"
 POINTASSIGN "94" "2F" DIAPH "D1"
 POINTASSIGN "95" "2F" DIAPH "D1"
 POINTASSIGN "97" "2F" DIAPH "D1"
 POINTASSIGN "98" "2F" DIAPH "D1"
 POINTASSIGN "94-1" "2F" DIAPH "D1"
 POINTASSIGN "95-1" "2F" DIAPH "D1"
 POINTASSIGN "97-1" "2F" DIAPH "D1"
 POINTASSIGN "98-1" "2F" DIAPH "D1"
 POINTASSIGN "131" "BASE" DIAPH "D1"
 POINTASSIGN "131" "2F" DIAPH "D1"
 POINTASSIGN "131-1" "PRF" DIAPH "D1"
 POINTASSIGN "136" "BASE" DIAPH "D1"
 POINTASSIGN "136" "2F" DIAPH "D1"
 POINTASSIGN "136-1" "PRF" DIAPH "D1"
 POINTASSIGN "169" "BASE" DIAPH "D1"
 POINTASSIGN "162" "BASE" DIAPH "D1"
 POINTASSIGN "153" "BASE" DIAPH "D1"
 POINTASSIGN "153" "2F" DIAPH "D1"
 POINTASSIGN "134" "2F" DIAPH "D1"
 POINTASSIGN "134" "BASE" DIAPH "D1"
 POINTASSIGN "148" "2F" DIAPH "D1"
 POINTASSIGN "149" "2F" DIAPH "D1"
 POINTASSIGN "144" "2F" DIAPH "D1"
 POINTASSIGN "145" "2F" DIAPH "D1"
 POINTASSIGN "140" "2F" DIAPH "D1"
 POINTASSIGN "141" "2F" DIAPH "D1"
 POINTASSIGN "107" "2F" DIAPH "D1"
 POINTASSIGN "108" "2F" DIAPH "D1"
 POINTASSIGN "110" "2F" DIAPH "D1"
 POINTASSIGN "111" "2F" DIAPH "D1"
 POINTASSIGN "120" "2F" DIAPH "D1"
 POINTASSIGN "121" "2F" DIAPH "D1"
 POINTASSIGN "123" "2F" DIAPH "D1"
 POINTASSIGN "124" "2F" DIAPH "D1"
 POINTASSIGN "13" "2F" DIAPH "D1"
 POINTASSIGN "14" "2F" DIAPH "D1"
 POINTASSIGN "15" "2F" DIAPH "D1"
 POINTASSIGN "16" "2F" DIAPH "D1"
 POINTASSIGN "17" "2F" DIAPH "D1"
 POINTASSIGN "23" "2F" DIAPH "D1"
 POINTASSIGN "24" "2F" DIAPH "D1"
 POINTASSIGN "25" "2F" DIAPH "D1"
 POINTASSIGN "26" "2F" DIAPH "D1"
 POINTASSIGN "27" "2F" DIAPH "D1"
 POINTASSIGN "37" "2F" DIAPH "D1"
 POINTASSIGN "38" "2F" DIAPH "D1"
 POINTASSIGN "39" "2F" DIAPH "D1"
 POINTASSIGN "40" "2F" DIAPH "D1"
 POINTASSIGN "41" "2F" DIAPH "D1"
 POINTASSIGN "47" "2F" DIAPH "D1"
 POINTASSIGN "48" "2F" DIAPH "D1"
 POINTASSIGN "49" "2F" DIAPH "D1"
 POINTASSIGN "50" "2F" DIAPH "D1"
 POINTASSIGN "51" "2F" DIAPH "D1"
 POINTASSIGN "59" "2F" DIAPH "D1"
 POINTASSIGN "60" "2F" DIAPH "D1"
 POINTASSIGN "61" "2F" DIAPH "D1"
 POINTASSIGN "62" "2F" DIAPH "D1"
 POINTASSIGN "63" "2F" DIAPH "D1"
 POINTASSIGN "80" "2F" DIAPH "D1"
 POINTASSIGN "81" "2F" DIAPH "D1"
 POINTASSIGN "82" "2F" DIAPH "D1"
 POINTASSIGN "83" "2F" DIAPH "D1"
 POINTASSIGN "84" "2F" DIAPH "D1"
 POINTASSIGN "109" "2F" DIAPH "D1"
 POINTASSIGN "122" "2F" DIAPH "D1"
 POINTASSIGN "8-1" "PRF" DIAPH "D1"
 POINTASSIGN "18-1" "PRF" DIAPH "D1"
 POINTASSIGN "32-1" "PRF" DIAPH "D1"
 POINTASSIGN "42-1" "PRF" DIAPH "D1"
 POINTASSIGN "54-1" "PRF" DIAPH "D1"
 POINTASSIGN "12-1" "PRF" DIAPH "D1"
 POINTASSIGN "22-1" "PRF" DIAPH "D1"
 POINTASSIGN "36-1" "PRF" DIAPH "D1"
 POINTASSIGN "46-1" "PRF" DIAPH "D1"
 POINTASSIGN "58-1" "PRF" DIAPH "D1"
 POINTASSIGN "125-1" "PRF" DIAPH "D1"
 POINTASSIGN "114-1" "PRF" DIAPH "D1"
 POINTASSIGN "102-1" "PRF" DIAPH "D1"
 POINTASSIGN "86-1" "PRF" DIAPH "D1"
 POINTASSIGN "75-1" "PRF" DIAPH "D1"
 POINTASSIGN "129-1" "PRF" DIAPH "D1"
 POINTASSIGN "118-1" "PRF" DIAPH "D1"
 POINTASSIGN "106-1" "PRF" DIAPH "D1"
 POINTASSIGN "90-1" "PRF" DIAPH "D1"
 POINTASSIGN "79-1" "PRF" DIAPH "D1"
 POINTASSIGN "9-1" "PRF" DIAPH "D1"
 POINTASSIGN "19-1" "PRF" DIAPH "D1"
 POINTASSIGN "33-1" "PRF" DIAPH "D1"
 POINTASSIGN "43-1" "PRF" DIAPH "D1"
 POINTASSIGN "55-1" "PRF" DIAPH "D1"
 POINTASSIGN "126-1" "PRF" DIAPH "D1"
 POINTASSIGN "115-1" "PRF" DIAPH "D1"
 POINTASSIGN "103-1" "PRF" DIAPH "D1"
 POINTASSIGN "87-1" "PRF" DIAPH "D1"
 POINTASSIGN "76-1" "PRF" DIAPH "D1"
 POINTASSIGN "10-1" "PRF" DIAPH "D1"
 POINTASSIGN "34-1" "PRF" DIAPH "D1"
 POINTASSIGN "56-1" "PRF" DIAPH "D1"
 POINTASSIGN "127-1" "PRF" DIAPH "D1"
 POINTASSIGN "116-1" "PRF" DIAPH "D1"
 POINTASSIGN "104-1" "PRF" DIAPH "D1"
 POINTASSIGN "88-1" "PRF" DIAPH "D1"
 POINTASSIGN "77-1" "PRF" DIAPH "D1"
 POINTASSIGN "11-1" "PRF" DIAPH "D1"
 POINTASSIGN "21-1" "PRF" DIAPH "D1"
 POINTASSIGN "35-1" "PRF" DIAPH "D1"
 POINTASSIGN "45-1" "PRF" DIAPH "D1"
 POINTASSIGN "57-1" "PRF" DIAPH "D1"
 POINTASSIGN "128-1" "PRF" DIAPH "D1"
 POINTASSIGN "117-1" "PRF" DIAPH "D1"
 POINTASSIGN "105-1" "PRF" DIAPH "D1"
 POINTASSIGN "89-1" "PRF" DIAPH "D1"
 POINTASSIGN "78-1" "PRF" DIAPH "D1"
 POINTASSIGN "1" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "130" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "28" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "112" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "91" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "52" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "7" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "137" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "31" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "113" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "101" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "53" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "3" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "132" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "29" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "93" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "66" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "4" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "133" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "168" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "152" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "161" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "5" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
 POINTASSIGN "135" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
```

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POINTASSIGN "99" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "170" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "154" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "163" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "30" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "72" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "2" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "6" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "92" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "100" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "131" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "136" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "153" "BASE" RESTRAINT "UX UY UZ RX RY RZ"

$ LINE ASSIGNS
LINEASSIGN "C1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C1-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C33" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C33-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B55" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C9" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C9-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C30" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C30-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D5" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D6" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D39" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D40" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C19" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C19-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C14" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C14-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C7" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C7-1" "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 "B63" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C12" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C12-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C31" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C31-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D11" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D12" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D41" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D42" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C29" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C29-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C15" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C15-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C3" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C3-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 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 "B57" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C10" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C10-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D7" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D8" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C21" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C16" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C16" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C4" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C4-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C36" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C36-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B59" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C17-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D19" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C13-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D15" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C8-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D20" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C24-3" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C24-2" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D38" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C32-1" "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 "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 "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 "B119" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B135" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C5" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C5-1" "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 "C27" "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 "C42" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C42-1" "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 "B122" "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 "C11" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C11-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D9" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D10" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C18" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C18" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D21" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B61" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C27-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D22" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B1" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B3" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B6" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B8" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B2" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B4" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B7" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B9" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C2" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C2-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C6" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C6-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D2" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D3" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D4" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C20" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C20-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C28" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C28-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D23" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D24" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D31" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D32" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B76" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B81" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C21-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B77" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B78" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B82" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B79" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B80" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C24-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D27" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C23-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D26" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C22-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D25" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D28" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C25-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D29" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C26-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D30" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B110" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B112" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B114" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B111" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B113" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B115" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C34" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C34-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C38" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C38-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D43" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D44" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D45" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D46" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C41" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C47-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C44-1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B133" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B140" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B136" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B128" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B120" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D62" "2F" SECTION "C125X50X20X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D61" "2F" SECTION "C125X50X20X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D55" "2F" SECTION "C125X50X20X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D56" "2F" SECTION "C125X50X20X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B1" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B5" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B8" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B42" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B100" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B38" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B96" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B111" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B113" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B115" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B76" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B79" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B81" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B39" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B97" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B41" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B99" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B127" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B126" "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 "B132" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B124" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B121" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B117" "2F" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B38" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B96" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B42" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B83" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B105" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B39" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B97" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B40" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B41" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B99" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B88" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B91" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B101" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B104" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B14" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B15" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B16" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B17" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B22" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B23" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B24" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B25" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B30" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B31" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B32" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B33" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B43" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B44" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B45" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B46" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B51" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B52" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B53" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B54" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B68" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B69" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B70" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B71" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B98" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B89" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B90" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B102" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B103" "2F" SECTION "Z125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D13" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D18" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D33" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D37" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D14" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D34" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D16" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D35" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D17" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D36" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B10" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B11" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B12" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B13" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B18" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B19" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B20" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B21" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B26" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B27" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B28" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B29" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B34" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B35" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B36" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B37" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B47" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B48" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B49" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B50" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B56" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B58" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B60" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B62" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B64" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B65" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B66" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B67" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B72" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B73" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B74" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B75" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B84" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B85" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B86" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B87" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B92" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B93" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B94" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B95" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B106" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B107" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B108" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B109" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B138" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D67" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D65" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D63" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D59" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D57" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D53" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D51" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D49" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D47" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D68" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D66" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D64" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D60" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D58" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
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LINEASSIGN "D54" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D52" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D50" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D48" "PRF" SECTION "2SC125X50X20X2" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B116" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B118" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B123" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B125" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B129" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B130" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B134" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B131" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"

$ AREA ASSIGNS
AREAASSIGN "F8" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F7" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F5" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F2" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F4" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F6" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F1" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F3" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F8" "BASE" "SPRINGK3" 1
AREAASSIGN "F7" "BASE" "SPRINGK3" 1
AREAASSIGN "F5" "BASE" "SPRINGK3" 1
AREAASSIGN "F2" "BASE" "SPRINGK3" 1
AREAASSIGN "F4" "BASE" "SPRINGK3" 1
AREAASSIGN "F6" "BASE" "SPRINGK3" 1
AREAASSIGN "F1" "BASE" "SPRINGK3" 1
AREAASSIGN "F3" "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 5529.225 XLOC 550 YLOC 300
WIND "WX" USERLOAD "2F" "D1" FX 9817.25 XLOC 550 YLOC 300
WIND "WY" "USER"
WIND "WY" USERLOAD "PRF" "D1" FY 6045.975 XLOC 550 YLOC 300
WIND "WY" USERLOAD "2F" "D1" FY 10734.75 XLOC 550 YLOC 300

$ POINT OBJECT LOADS

$ LINE OBJECT LOADS
LINELOAD "B2" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B4" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B7" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B9" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B110" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B112" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B114" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B10" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B11" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B12" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B13" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B18" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B19" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B20" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B21" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B26" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B27" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B28" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B29" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B34" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B35" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B36" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B37" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B47" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B48" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B49" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B50" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B56" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B58" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B60" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B62" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B64" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B65" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B66" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B67" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B72" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B73" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B74" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B75" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B84" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B85" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B86" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B87" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B92" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B93" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B94" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B95" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B106" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B107" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B108" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B109" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B2" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B4" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B7" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B9" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B110" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B112" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B114" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B10" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B11" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B12" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B13" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B18" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B19" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B20" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B21" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B26" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B27" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B28" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B29" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B34" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B35" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B36" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B37" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B47" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B48" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B49" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B50" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B56" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B58" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B60" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B62" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B64" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B65" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B66" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
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LINELOAD "B72" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B73" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B74" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B75" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B84" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B85" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B86" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B87" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B92" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B93" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B94" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B95" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B106" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B107" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B108" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B109" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B107" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B108" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B109" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B110" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B112" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B114" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B2" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B4" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B7" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B9" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B110" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B112" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B114" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B10" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B11" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B12" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B13" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B18" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B19" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B20" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B21" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B26" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B27" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B28" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B29" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B34" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B35" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B36" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B37" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B47" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B48" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B49" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B50" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B56" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B58" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B60" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B62" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B64" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
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LINELOAD "B72" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B73" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B74" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B75" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B84" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B85" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B86" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B87" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
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LINELOAD "B93" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B94" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B95" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
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LINELOAD "B107" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B108" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B109" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B2" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B4" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B7" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B9" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B110" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B112" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B114" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B10" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
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LINELOAD "B73" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
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LINELOAD "B109" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B1" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B3" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B6" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B8" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B76" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B81" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B79" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B80" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B111" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B113" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B115" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B133" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B140" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B136" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B128" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B124" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B121" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B117" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B88" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B91" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B101" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B104" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B14" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B15" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B16" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B17" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B22" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B23" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B24" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B25" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B30" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B31" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B32" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B33" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B43" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B44" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B45" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B46" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B51" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B52" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B53" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B54" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B68" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B69" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B70" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B71" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B89" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B90" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B102" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B103" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B1" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
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 LINELOAD "B3" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B6" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B8" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B76" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B81" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B79" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B80" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B111" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B113" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B115" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B133" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B140" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B136" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B128" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
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 LINELOAD "B117" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B88" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B91" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B101" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B104" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B14" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B15" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B16" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B17" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B22" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B23" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B24" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B25" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B30" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B31" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B32" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B33" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B43" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B44" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B45" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B46" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B51" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B52" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B53" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B54" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B68" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
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 LINELOAD "B70" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B71" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B89" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B90" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B102" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B103" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
 LINELOAD "B138" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
 LINELOAD "B116" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
 LINELOAD "B118" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
 LINELOAD "B123" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
 LINELOAD "B125" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
 LINELOAD "B129" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
 LINELOAD "B130" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
 LINELOAD "B134" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
 LINELOAD "B131" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
 LINELOAD "B138" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
 LINELOAD "B116" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
 LINELOAD "B118" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
 LINELOAD "B123" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
 LINELOAD "B125" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
 LINELOAD "B129" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
 LINELOAD "B130" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
 LINELOAD "B134" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
 LINELOAD "B131" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
 LINELOAD "B138" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
 LINELOAD "B116" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
 LINELOAD "B118" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
 LINELOAD "B123" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
 LINELOAD "B125" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
 LINELOAD "B129" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
 LINELOAD "B130" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
 LINELOAD "B134" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
 LINELOAD "B131" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
 LINELOAD "B138" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
 LINELOAD "B116" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
 LINELOAD "B118" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
 LINELOAD "B123" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
 LINELOAD "B125" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
 LINELOAD "B129" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
 LINELOAD "B130" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
 LINELOAD "B134" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
 LINELOAD "B131" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576

$ AREA OBJECT LOADS
 AREALOAD "F8" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
 AREALOAD "F7" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
 AREALOAD "F8" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
 AREALOAD "F7" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
 AREALOAD "F5" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
 AREALOAD "F2" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
 AREALOAD "F4" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
 AREALOAD "F6" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
 AREALOAD "F1" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
 AREALOAD "F3" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
 AREALOAD "F5" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
 AREALOAD "F2" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
 AREALOAD "F4" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
 AREALOAD "F6" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
 AREALOAD "F1" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
 AREALOAD "F3" "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
 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 "SDL" 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
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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"
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
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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
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
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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"
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" REBAR/LENGTHUNITS "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\2208A\MODEL\ETABS\SC1-1\220804\2208A-SC1-1-220804-001.$ET at 2022/8/4 上午 11:12:12
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-1\220804\2208A-SC1-1-220804-001.EDB at 2022/8/4 上午 11:22:48
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-1\220804\2208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:39:27
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-1\220804\2208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:40:26
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-1\220804\2208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:41:18
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-1\220804\2208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:42:28
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-1\220804\2208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:44:15
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-1\220804\2208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:47:36
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-1\220804\2208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:49:25
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-1\220804\2208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:50:36
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-1\220804\2208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:51:35
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-1\220804\2208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:51:47
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-1\220804\2208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:56:02
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-2\220804\2208A-SC1-2-220804-001.EDB at 2022/8/4 下午 09:25:15
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-2\220804\2208A-SC1-2-220804-001.EDB at 2022/8/4 下午 09:25:38
ETABS Display 9.5.0 File imported from E:\WORK\2022\2208A\MODEL\ETABS\SC1-2\220804\2208A-SC1-2-220804-001.$ET at 2022/8/4 下午 09:25:46
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC1-2\220804\2208A-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\2208A\MODEL\ETABS\SC1-2\220804\2208A-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\2208A\MODEL\ETABS\SC1-2\220804\2208A-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\2208A\MODEL\ETABS\SC1-2\220804\2208A-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\2208A\MODEL\ETABS\SC1-2\220804\2208A-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\2208A\MODEL\ETABS\SC1-2\220804\2208A-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\2208A\MODEL\ETABS\SC3-2\220810\2208A-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\2208A\MODEL\ETABS\SC3-2\220810\2208A-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\2208A\MODEL\ETABS\SC3-2\220810\2208A-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\2208A\MODEL\ETABS\SC3-2\220810\2208A-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\2208A\MODEL\ETABS\SC3-2\220810\2208A-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\2208A\MODEL\ETABS\SC3-2\220810\2208A-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\2208A\MODEL\ETABS\SC3-2\220810\2208A-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\2208A\MODEL\ETABS\SC3-2\220810\2208A-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\2208A\MODEL\ETABS\SC3-2\220810\2208A-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\2208A\MODEL\ETABS\SC3-2\220810\2208A-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\2208A\MODEL\ETABS\SC2-1\220811\2208A-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\2208A\MODEL\ETABS\SC2-1\220811\2208A-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\2208A\MODEL\ETABS\SC2-1\220811\2208A-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\2208A\MODEL\ETABS\SC2-1\220811\2208A-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\2208A\MODEL\ETABS\SC2-1\220811\2208A-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\2208A\MODEL\ETABS\SC2-1\220811\2208A-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\2208A\MODEL\ETABS\SC2-1\220811\2208A-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\2208A\MODEL\ETABS\SC2-1\220811\2208A-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\2208A\MODEL\ETABS\SC2-1\220811\2208A-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\2208A\MODEL\ETABS\SC2-1\220811\2208A-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\2208A\MODEL\ETABS\SC2-2\220812\2208A-SC2-2-220812-001.EDB at 2022/8/12 上午 09:45:57
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-2\220812\2208A-SC2-2-220812-001.EDB at 2022/8/12 上午 09:46:24
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-2\220812\2208A-SC2-2-220812-001.EDB at 2022/8/12 上午 09:46:31
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-2\220812\2208A-SC2-2-220812-001.EDB at 2022/8/12 上午 11:15:16
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-2\220812\2208A-SC2-2-220812-001.EDB at 2022/8/12 上午 11:45:59
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-2\220812\2208A-SC2-2-220812-001.EDB at 2022/8/12 上午 11:46:25
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-2\220812\2208A-SC2-2-220812-001.EDB at 2022/8/12 上午 11:46:32
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-2\220812\2208A-SC2-2-220812-001.EDB at 2022/8/12 上午 11:52:58
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-2\220812\2208A-SC2-2-220812-001.EDB at 2022/8/12 上午 11:53:54
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-2\220812\2208A-SC2-2-220812-001.EDB at 2022/8/13 下午 03:41:30
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-2\220812\2208A-SC2-2-220812-001.EDB at 2022/8/13 下午 03:51:00
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-2\220812\2208A-SC2-2-220812-001.EDB at 2022/8/13 下午 03:51:26
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-2\220812\2208A-SC2-2-220812-001.EDB at 2022/8/13 下午 04:06:17
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/13 下午 05:17:14
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/13 下午 05:51:19
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/13 下午 06:06:19
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/13 下午 06:07:09
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/13 下午 06:09:26
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/13 下午 06:10:50
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/13 下午 06:11:47
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/13 下午 06:15:53
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/13 下午 06:16:59
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/13 下午 06:17:07
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/13 下午 06:17:17
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/13 下午 06:21:35
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/15 上午 11:49:18
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/15 上午 11:49:29
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/15 上午 11:49:39
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\2208A\MODEL\ETABS\SC2-3\220813\2208A-SC2-3-220813-001.EDB at 2022/8/15 下午 05:59:45
 ENDCOMMENTS

 END
$ END OF MODEL FILE
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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	SECTION ID	FRAMING TYPE	RLLF FACTOR	L_RATIO MAJOR	L_RATIO MINOR	K MAJOR	K MINOR
2F	C1	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.879	1.940
PRF	C1-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	2.495	3.000
2F	C2	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C2-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C3	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.604	1.940
PRF	C3-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.746	3.000
2F	C4	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.533	1.940
PRF	C4-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.608	3.000
2F	C5	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.584	1.940
PRF	C5-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.705	3.000
2F	C6	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C6-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C7	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.879	1.940
PRF	C7-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	2.495	3.000
PRF	C8-1	U100X100X2.0	MOMENT	1.000	0.699	0.699	1.000	1.000
2F	C9	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C9-1	U100X100X2.0	MOMENT	1.000	1.000	0.853	1.000	1.000
2F	C10	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C10-1	U100X100X2.0	MOMENT	1.000	1.000	0.853	1.000	1.000
2F	C11	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C11-1	U100X100X2.0	MOMENT	1.000	1.000	0.853	1.000	1.000
2F	C12	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C12-1	U100X100X2.0	MOMENT	1.000	1.000	0.853	1.000	1.000
PRF	C13-1	U100X100X2.0	MOMENT	1.000	0.850	0.850	1.000	1.000
2F	C14	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C14-1	U100X100X2.0	MOMENT	1.000	1.000	0.743	1.000	1.000
2F	C15	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C15-1	U100X100X2.0	MOMENT	1.000	1.000	0.743	1.000	1.000
PRF	C16	U100X100X2.0	MOMENT	1.000	0.970	0.699	1.000	1.000
2F	C16	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C17-1	U100X100X2.0	MOMENT	1.000	0.900	0.900	1.000	1.000
PRF	C18	U100X100X2.0	MOMENT	1.000	0.970	0.699	1.000	1.000
2F	C18	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C19	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.846	1.562
PRF	C19-1	U100X100X2.0	MOMENT	1.000	0.792	0.792	4.104	2.946
2F	C20	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C20-1	U100X100X2.0	MOMENT	1.000	0.792	1.000	1.000	1.000
2F	C21	U100X100X2.0	MOMENT	1.000	0.875	0.961	1.669	1.562
PRF	C21-1	U100X100X2.0	MOMENT	1.000	0.792	0.792	3.302	2.946
2F	C22-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C23-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C24-1	U100X100X2.0	MOMENT	1.000	0.688	0.688	1.000	5.303
PRF	C24-2	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C24-3	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	5.303
2F	C25-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C26-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C27	U100X100X2.0	MOMENT	1.000	0.875	0.961	1.669	1.562
PRF	C27-1	U100X100X2.0	MOMENT	1.000	0.792	0.792	3.302	2.946
2F	C28	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C28-1	U100X100X2.0	MOMENT	1.000	0.792	1.000	1.000	1.000
2F	C29	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.846	1.364
PRF	C29-1	U100X100X2.0	MOMENT	1.000	0.792	0.792	4.104	2.431
2F	C30	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C30-1	U100X100X2.0	MOMENT	1.000	1.000	0.853	1.000	1.000
2F	C31	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.000	1.323
PRF	C31-1	U100X100X2.0	MOMENT	1.000	1.000	0.853	1.000	2.341
PRF	C32-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C33	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.879	1.701
PRF	C33-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	2.495	2.492
2F	C34	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C34-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C35	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.703	1.701
PRF	C35-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.969	2.492
2F	C36	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.000	1.529
PRF	C36-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.000	2.188
2F	C37	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.703	1.529
PRF	C37-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.969	2.188
2F	C38	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C38-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C39	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.879	1.578
PRF	C39-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	2.495	2.270
2F	C40	U100X100X2.0	MOMENT	1.000	0.961	0.498	1.000	1.814
PRF	C40-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	3.931
2F	C41	U100X100X2.0	MOMENT	1.000	0.961	0.498	1.354	1.000
2F	C42	U100X100X2.0	MOMENT	1.000	0.961	0.961	1.566	1.814
PRF	C42-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	2.960	3.931
2F	C43	U100X100X2.0	MOMENT	1.000	0.709	0.709	1.577	1.000
PRF	C43-1	U100X100X2.0	MOMENT	1.000	2.796	0.927	1.577	1.000
2F	C44-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C45	U100X100X2.0	MOMENT	1.000	0.709	0.709	1.577	1.000
PRF	C45-1	U100X100X2.0	MOMENT	1.000	2.796	0.927	1.577	1.000
2F	C46	U100X100X2.0	MOMENT	1.000	0.709	0.709	1.420	1.000
PRF	C46-1	U100X100X2.0	MOMENT	1.000	3.231	3.231	1.420	1.000
2F	C47-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C48	U100X100X2.0	MOMENT	1.000	0.709	0.709	1.420	1.000
PRF	C48-1	U100X100X2.0	MOMENT	1.000	3.231	3.231	1.420	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	B1	2SC125X50X20	MOMENT	1.000	0.655	0.972	1.000	1.000
PRF	B2	2SC125X50X20	MOMENT	1.000	0.655	0.972	1.000	1.000
2F	B3	2SC125X50X20	MOMENT	1.000	0.957	0.957	1.000	1.000
PRF	B4	2SC125X50X20	MOMENT	1.000	0.957	0.957	1.000	1.000
2F	B6	2SC125X50X20	MOMENT	1.000	0.952	0.952	1.000	1.000
PRF	B7	2SC125X50X20	MOMENT	1.000	0.952	0.952	1.000	1.000
2F	B8	2SC125X50X20	MOMENT	1.000	0.655	0.972	1.000	1.000
PRF	B9	2SC125X50X20	MOMENT	1.000	0.655	0.972	1.000	1.000
PRF	B10	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B11	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B12	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B13	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B14	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B15	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B16	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B17	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B18	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B19	C125X50X20X2	MOMENT	1.000	0.979	0.979	1.000	1.000
PRF	B20	C125X50X20X2	MOMENT	1.000	0.976	0.976	1.000	1.000
PRF	B21	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B22	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B23	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B24	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B25	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B26	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B27	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B28	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B29	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B30	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B31	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B32	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B33	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B34	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B35	C125X50X20X2	MOMENT	1.000	0.979	0.979	1.000	1.000
PRF	B36	C125X50X20X2	MOMENT	1.000	0.976	0.976	1.000	1.000
PRF	B37	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B38	2SC125X50X20	MOMENT	1.000	0.413	0.143	1.000	1.000
2F	B39	2SC125X50X20	MOMENT	1.000	0.431	0.143	1.000	1.000
2F	B40	2SC125X50X20	MOMENT	1.000	0.976	0.143	1.000	1.000
2F	B41	2SC125X50X20	MOMENT	1.000	0.431	0.143	1.000	1.000
2F	B42	2SC125X50X20	MOMENT	1.000	0.413	0.143	1.000	1.000
2F	B43	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B44	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B45	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B46	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B47	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B48	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B49	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B50	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B51	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B52	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B53	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B54	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B55	2SC125X50X20	MOMENT	1.000	0.296	0.688	1.000	1.000
PRF	B56	C125X50X20X2	MOMENT	1.000	0.986	0.986	1.000	1.000
PRF	B57	2SC125X50X20	MOMENT	1.000	0.300	0.688	1.000	1.000
PRF	B58	C125X50X20X2	MOMENT	1.000	0.957	0.957	1.000	1.000
PRF	B59	2SC125X50X20	MOMENT	1.000	0.196	0.688	1.000	1.000
PRF	B60	C125X50X20X2	MOMENT	1.000	0.952	0.952	1.000	1.000
PRF	B61	2SC125X50X20	MOMENT	1.000	0.300	0.688	1.000	1.000
PRF	B62	C125X50X20X2	MOMENT	1.000	0.986	0.986	1.000	1.000
PRF	B63	2SC125X50X20	MOMENT	1.000	0.296	0.688	1.000	1.000
PRF	B64	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B65	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B66	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B67	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B68	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B69	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B70	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B71	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B72	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B73	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B74	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B75	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B76	2SC125X50X20	MOMENT	1.000	0.655	0.972	1.000	1.000
PRF	B77	2SC125X50X20	MOMENT	1.000	0.669	1.000	1.000	1.000
PRF	B78	2SC125X50X20	MOMENT	1.000	0.528	0.528	1.000	1.000
2F	B79	2SC125X50X20	MOMENT	1.000	0.176	0.517	1.000	1.000
2F	B80	2SC125X50X20	MOMENT	1.000	0.176	1.000	1.000	1.000
2F	B81	2SC125X50X20	MOMENT	1.000	0.655	0.972	1.000	1.000
PRF	B82	2SC125X50X20	MOMENT	1.000	0.669	1.000	1.000	1.000
2F	B83	2SC125X50X20	MOMENT	1.000	0.897	0.893	1.000	1.000
PRF	B84	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B85	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B86	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B87	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B88	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B89	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B90	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B91	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B92	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B93	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B94	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B95	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B96	2SC125X50X20	MOMENT	1.000	0.630	0.333	1.000	1.000
2F	B97	2SC125X50X20	MOMENT	1.000	0.945	0.333	1.000	1.000
2F	B98	2SC125X50X20	MOMENT	1.000	0.945	0.333	1.000	1.000
2F	B99	2SC125X50X20	MOMENT	1.000	0.945	0.333	1.000	1.000
2F	B101	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B102	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B103	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B104	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B105	2SC125X50X20	MOMENT	1.000	0.917	0.465	1.000	1.000
PRF	B106	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B107	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B108	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B109	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B110	2SC125X50X20	MOMENT	1.000	0.655	0.972	1.000	1.000
2F	B111	2SC125X50X20	MOMENT	1.000	0.655	0.972	1.000	1.000
PRF	B112	2SC125X50X20	MOMENT	1.000	0.517	0.517	1.000	1.000
2F	B113	2SC125X50X20	MOMENT	1.000	0.517	0.517	1.000	1.000
PRF	B114	2SC125X50X20	MOMENT	1.000	0.655	0.972	1.000	1.000
2F	B115	2SC125X50X20	MOMENT	1.000	0.655	0.972	1.000	1.000
PRF	B116	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B117	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B118	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B119	2SC125X50X20	MOMENT	1.000	0.955	0.955	1.000	1.000
2F	B120	2SC125X50X20	MOMENT	1.000	0.978	0.250	1.000	1.000
2F	B121	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B122	2SC125X50X20	MOMENT	1.000	0.955	0.250	1.000	1.000
PRF	B123	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B124	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B125	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B128	2SC125X50X20	MOMENT	1.000	0.905	0.905	1.000	1.000
PRF	B129	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B130	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B131	C125X50X20X2	MOMENT	1.000	0.952	0.952	1.000	1.000
2F	B133	2SC125X50X20	MOMENT	1.000	0.500	0.500	1.000	1.000
PRF	B134	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B135	2SC125X50X20	MOMENT	1.000	1.000	0.500	1.000	1.000
2F	B136	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B137	2SC125X50X20	MOMENT	1.000	1.000	0.500	1.000	1.000
PRF	B138	2SC125X50X20	MOMENT	1.000	0.952	0.952	1.000	1.000
2F	B140	2SC125X50X20	MOMENT	1.000	0.500	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
2F	D1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D2	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D3	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D4	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D5	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D6	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D7	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D8	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D9	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D10	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D11	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D12	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D13	2SC125X50X20	MOMENT	1.000	0.400	0.167	1.000	1.000
PRF	D14	2SC125X50X20	MOMENT	1.000	0.600	0.167	1.000	1.000
PRF	D15	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D16	2SC125X50X20	MOMENT	1.000	0.333	0.167	1.000	1.000
PRF	D17	2SC125X50X20	MOMENT	1.000	0.600	0.167	1.000	1.000
PRF	D18	2SC125X50X20	MOMENT	1.000	0.400	0.167	1.000	1.000
PRF	D19	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D20	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D21	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D22	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D23	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D24	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D25	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D26	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D27	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D28	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D29	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D30	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D31	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D32	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D33	2SC125X50X20	MOMENT	1.000	0.400	0.167	1.000	1.000
PRF	D34	2SC125X50X20	MOMENT	1.000	0.608	0.167	1.000	1.000
PRF	D35	2SC125X50X20	MOMENT	1.000	0.392	0.167	1.000	1.000
PRF	D36	2SC125X50X20	MOMENT	1.000	0.608	0.167	1.000	1.000
PRF	D37	2SC125X50X20	MOMENT	1.000	0.400	0.167	1.000	1.000
PRF	D38	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000

PRF	D39	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D40	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D41	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D42	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D43	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D44	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D45	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D46	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D47	2SC125X50X20	MOMENT	1.000	9.000	1.000	1.000	1.000
PRF	D48	2SC125X50X20	MOMENT	1.000	9.000	1.000	1.000	1.000
PRF	D49	2SC125X50X20	MOMENT	1.000	9.000	1.000	1.000	1.000
PRF	D50	2SC125X50X20	MOMENT	1.000	9.000	1.000	1.000	1.000
PRF	D51	2SC125X50X20	MOMENT	1.000	9.000	1.000	1.000	1.000
PRF	D52	2SC125X50X20	MOMENT	1.000	9.000	1.000	1.000	1.000
PRF	D53	2SC125X50X20	MOMENT	1.000	9.000	1.000	1.000	1.000
PRF	D54	2SC125X50X20	MOMENT	1.000	9.000	1.000	1.000	1.000
2F	D55	C125X50X20X2	MOMENT	1.000	0.653	1.000	1.000	1.000
2F	D56	C125X50X20X2	MOMENT	1.000	0.653	1.000	1.000	1.000
PRF	D57	2SC125X50X20	MOMENT	1.000	0.574	1.000	1.000	1.000
PRF	D58	2SC125X50X20	MOMENT	1.000	0.574	1.000	1.000	1.000
PRF	D59	2SC125X50X20	MOMENT	1.000	9.000	1.000	1.000	1.000
PRF	D60	2SC125X50X20	MOMENT	1.000	9.000	1.000	1.000	1.000
2F	D61	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D62	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D63	2SC125X50X20	MOMENT	1.000	9.000	2.000	1.000	1.000
PRF	D64	2SC125X50X20	MOMENT	1.000	9.000	2.000	1.000	1.000
PRF	D65	2SC125X50X20	MOMENT	1.000	0.994	0.994	1.000	1.000
PRF	D66	2SC125X50X20	MOMENT	1.000	0.994	0.994	1.000	1.000
PRF	D67	2SC125X50X20	MOMENT	1.000	9.000	1.000	1.000	1.000
PRF	D68	2SC125X50X20	MOMENT	1.000	9.000	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----------//----SHEAR22---//----SHEAR33---/ COMBO	RATIO	= AXL +	B33 +	B22	COMBO	RATIO	COMBO	RATIO
2F	C1	U100X100X2.0						02RC71	0.017	02RC72	0.016
			02RC11(C)	0.041	= 0.020	+ 0.018	+ 0.003				
			02RC71(T)	0.167	= 0.054	+ 0.105	+ 0.008				
PRF	C1-1	U100X100X2.0						02RC67	0.005	02RC68	0.006
			02RC68(C)	0.057	= 0.013	+ 0.006	+ 0.038				
			02RC67(T)	0.048	= 0.008	+ 0.035	+ 0.005				
2F	C2	U100X100X2.0						02RC71	0.023	02RC72	0.018
			02RC67(C)	0.170	= 0.044	+ 0.121	+ 0.005				
			02RC72(T)	0.120	= 0.019	+ 0.009	+ 0.092				
PRF	C2-1	U100X100X2.0						02RC71	0.010	02RC72	0.004
			02RC68(C)	0.041	= 0.004	+ 0.013	+ 0.024				
			02RC71(T)	0.059	= 0.006	+ 0.054	+ 0.000				
2F	C3	U100X100X2.0						02RC67	0.021	02RC72	0.016
			02RC67(C)	0.123	= 0.001	+ 0.117	+ 0.006				
			02RC72(T)	0.152	= 0.060	+ 0.008	+ 0.084				
PRF	C3-1	U100X100X2.0						02RC71	0.006	02RC68	0.006
			02RC68(C)	0.057	= 0.020	+ 0.003	+ 0.035				
			02RC71(T)	0.058	= 0.015	+ 0.036	+ 0.007				
2F	C4	U100X100X2.0						02RC67	0.025	02RC02	0.036
			02RC02(C)	0.233	= 0.058	+ 0.004	+ 0.172				
			02RC67(T)	0.201	= 0.002	+ 0.073	+ 0.126				
PRF	C4-1	U100X100X2.0						02RC67	0.011	02RC02	0.038
			02RC02(C)	0.224	= 0.033	+ 0.004	+ 0.187				
			02RC67(T)	0.170	= 0.018	+ 0.029	+ 0.123				
2F	C5	U100X100X2.0						02RC71	0.021	02RC72	0.014
			02RC13(C)	0.045	= 0.029	+ 0.001	+ 0.016				
			02RC72(T)	0.135	= 0.053	+ 0.007	+ 0.075				
PRF	C5-1	U100X100X2.0						02RC71	0.006	02RC68	0.005
			02RC68(C)	0.052	= 0.019	+ 0.002	+ 0.031				
			02RC71(T)	0.058	= 0.013	+ 0.039	+ 0.006				
2F	C6	U100X100X2.0						02RC67	0.025	02RC68	0.014
			02RC15(C)	0.036	= 0.018	+ 0.018	+ 0.000				
			02RC71(T)	0.172	= 0.042	+ 0.125	+ 0.004				
PRF	C6-1	U100X100X2.0						02RC67	0.005	02RC72	0.003
			02RC68(C)	0.033	= 0.004	+ 0.012	+ 0.018				
			02RC67(T)	0.027	= 0.003	+ 0.023	+ 0.000				
2F	C7	U100X100X2.0						02RC67	0.017	02RC72	0.012
			02RC67(C)	0.194	= 0.081	+ 0.106	+ 0.006				
			02RC72(T)	0.108	= 0.037	+ 0.005	+ 0.065				
PRF	C7-1	U100X100X2.0						02RC71	0.005	02RC68	0.005
			02RC68(C)	0.051	= 0.012	+ 0.010	+ 0.028				
			02RC71(T)	0.012	= 0.000	+ 0.003	+ 0.009				
PRF	C8-1	U100X100X2.0						02RC71	0.001	02RC68	0.045
			02RC68(C)	0.025	= 0.001	+ 0.000	+ 0.024				
			02RC71(T)	0.023	= 0.001	+ 0.001	+ 0.021				
2F	C9	U100X100X2.0						02RC67	0.018	02RC72	0.024
			02RC68(C)	0.151	= 0.040	+ 0.004	+ 0.107				
			02RC71(T)	0.155	= 0.037	+ 0.109	+ 0.009				
PRF	C9-1	U100X100X2.0						02RC67	0.003	02RC68	0.048
			02RC17(C)	0.018	= 0.007	+ 0.000	+ 0.011				
			02RC72(T)	0.061	= 0.009	+ 0.000	+ 0.052				
2F	C10	U100X100X2.0						02RC67	0.018	02RC72	0.020
			02RC68(C)	0.134	= 0.040	+ 0.004	+ 0.090				
			02RC71(T)	0.127	= 0.017	+ 0.107	+ 0.004				
PRF	C10-1	U100X100X2.0						02RC67	0.004	02RC68	0.059
			02RC17(C)	0.027	= 0.011	+ 0.000	+ 0.016				
			02RC67(T)	0.054	= 0.015	+ 0.029	+ 0.010				
2F	C11	U100X100X2.0						02RC67	0.018	02RC72	0.018
			02RC68(C)	0.124	= 0.039	+ 0.004	+ 0.081				
			02RC71(T)	0.125	= 0.017	+ 0.107	+ 0.002				
PRF	C11-1	U100X100X2.0						02RC67	0.004	02RC68	0.055
			02RC13(C)	0.026	= 0.010	+ 0.000	+ 0.016				
			02RC67(T)	0.055	= 0.015	+ 0.029	+ 0.010				
2F	C12	U100X100X2.0						02RC67	0.018	02RC68	0.018
			02RC67(C)	0.155	= 0.035	+ 0.109	+ 0.011				
			02RC48(T)	0.023	= 0.003	+ 0.019	+ 0.001				
PRF	C12-1	U100X100X2.0						02RC67	0.003	02RC68	0.042
			02RC13(C)	0.017	= 0.007	+ 0.000	+ 0.010				
			02RC72(T)	0.049	= 0.007	+ 0.000	+ 0.042				
PRF	C13-1	U100X100X2.0						02RC71	0.000	02RC68	0.008
			02RC68(C)	0.015	= 0.006	+ 0.000	+ 0.009				
			02RC71(T)	0.008	= 0.003	+ 0.000	+ 0.004				
2F	C14	U100X100X2.0						02RC67	0.016	02RC72	0.025
			02RC68(C)	0.130	= 0.022	+ 0.002	+ 0.106				
			02RC71(T)	0.130	= 0.021	+ 0.103	+ 0.007				
PRF	C14-1	U100X100X2.0						02RC67	0.004	02RC72	0.013
			02RC68(C)	0.066	= 0.009	+ 0.000	+ 0.056				
			02RC71(T)	0.060	= 0.022	+ 0.035	+ 0.003				
2F	C15	U100X100X2.0						02RC67	0.016	02RC72	0.018
			02RC67(C)	0.120	= 0.015	+ 0.103	+ 0.002				
PRF	C15-1	U100X100X2.0						02RC67	0.004	02RC72	0.012
			02RC68(C)	0.055	= 0.009	+ 0.000	+ 0.046				
			02RC71(T)	0.022	= 0.000	+ 0.016	+ 0.005				
PRF	C16	U100X100X2.0						02RC71	0.005	02RC68	0.014
			02RC68(C)	0.075	= 0.019	+ 0.001	+ 0.055				
			02RC67(T)	0.068	= 0.017	+ 0.034	+ 0.018				
2F	C16	U100X100X2.0						02RC71	0.016	02RC68	0.025
			02RC68(C)	0.141	= 0.036	+ 0.001	+ 0.105				
			02RC71(T)	0.121	= 0.018	+ 0.102	+ 0.001				
PRF	C17-1	U100X100X2.0						02RC71	0.000	02RC67	0.006
			02RC68(C)	0.010	= 0.006	+ 0.000	+ 0.004				
			02RC71(T)	0.019	= 0.008	+ 0.000	+ 0.011				
PRF	C18	U100X100X2.0						02RC67	0.004	02RC68	0.020
			02RC68(C)	0.074	= 0.030	+ 0.001	+ 0.043				
			02RC67(T)	0.055	= 0.014	+ 0.030	+ 0.011				
2F	C18	U100X100X2.0						02RC71	0.017	02RC68	0.020
			02RC68(C)	0.115	= 0.024	+ 0.001	+ 0.089				
			02RC71(T)	0.128	= 0.021	+ 0.104	+ 0.003				
2F	C19	U100X100X2.0						02RC71	0.016	02RC68	0.025
			02RC68(C)	0.113	= 0.003	+ 0.001	+ 0.110				
			02RC71(T)	0.187	= 0.078	+ 0.101	+ 0.008				
PRF	C19-1	U100X100X2.0						02RC71	0.053	02RC68	0.024
			02RC67(C)	0.150	= 0.038	+ 0.102	+ 0.009				
			02RC71(T)	0.053	= 0.012	+ 0.037	+ 0.005				
2F	C20	U100X100X2.0						02RC71	0.021	02RC72	0.016
			02RC67(C)	0.149	= 0.033	+ 0.112	+ 0.005				
			02RC44(T)	0.025	= 0.004	+ 0.020	+ 0.001				
PRF	C20-1	U100X100X2.0						02RC71	0.004	02RC72	0.003
			02RC68(C)	0.030	= 0.001	+ 0.009	+ 0.020				
			02RC71(T)	0.025	= 0.002	+ 0.024	+ 0.000				
2F	C21	U100X100X2.0						02RC67	0.135	02RC68	0.164
			02RC68(C)	0.203	= 0.061	+ 0.001	+ 0.142				
			02RC71(T)	0.212	= 0.024	+ 0.184	+ 0.004				
PRF	C21-1	U100X100X2.0						02RC67	0.033	02RC72	0.029
			02RC68(C)	0.107	= 0.031	+ 0.006	+ 0.070				
			02RC67(T)	0.139	= 0.017	+ 0.113	+ 0.009				
2F	C22-1	U100X100X2.0						02RC68	0.065	02RC68	0.005
			02RC68(C)	0.060	= 0.019	+ 0.037	+ 0.004				
			02RC71(T)	0.027	= 0.007	+ 0.019	+ 0.000				
2F	C23-1	U100X100X2.0						02RC68	0.054	02RC02	0.003
			02RC68(C)	0.045	= 0.016	+ 0.030	+ 0.000				
			02RC71(T)	0.028	= 0.008	+ 0.019	+ 0.000				
2F	C24-1	U100X100X2.0						02RC71	0.057	02RC02	0.209
			02RC02(C)	0.186	= 0.025	+ 0.000	+ 0.160				
			02RC67(T)	0.173	= 0.009	+ 0.053	+ 0.110				
PRF	C24-2	U100X100X2.0						02RC71	0.033	02RC68	0.014
			02RC68(C)	0.047	= 0.012	+ 0.003	+ 0.033				
			02RC67(T)	0.099	= 0.025	+ 0.063	+ 0.011				
PRF	C24-3	U100X100X2.0						02RC67	0.029	02RC68	0.036
			02RC68(C)	0.167	= 0.031	+ 0.001	+ 0.135				
			02RC67(T)	0.193	= 0.028	+ 0.109	+ 0.056				
2F	C25-1	U100X100X2.0						02RC02	0.056	02RC02	0.004
			02RC02(C)	0.050	= 0.019	+ 0.028	+ 0.003				
			02RC71(T)	0.027	= 0.010	+ 0.017	+ 0.000				
2F	C26-1	U100X100X2.0						02RC02	0.067	02RC68	0.006
			02RC02(C)	0.061	= 0.022	+ 0.037	+ 0.002				
			02RC71(T)	0.026	= 0.011	+ 0.015	+ 0.000				
2F	C27	U100X100X2.0						02RC71	0.194	02RC68	0.184
			02RC68(C)	0.327	= 0.209	+ 0.005	+ 0.112				
			02RC71(T)	0.195	= 0.013	+ 0.180	+ 0.003				
PRF	C27-1	U100X100X2.0						02RC71	0.047	02RC68	0.042
			02RC68(C)	0.099	= 0.043	+ 0.006	+ 0.050				
			02RC71(T)	0.119	= 0.024	+ 0.092	+ 0.002				
2F	C28	U100X100X2.0						02RC67	0.022	02RC68	0.013
			02RC68(C)	0.085	= 0.009	+ 0.006	+ 0.070				
			02RC71(T)	0.150	= 0.030	+ 0.115	+ 0.005				
PRF	C28-1	U100X100X2.0						02RC67	0.005	02RC68	0.002
			02RC67(C)	0.028	= 0.002	+ 0.026	+ 0.000				
			02RC48(T)	0.005	= 0.000	+ 0.004	+ 0.000				
2F	C29	U100X100X2.0						02RC67	0.017	02RC68	0.019
			02RC67(C)	0.331	= 0.227	+ 0.091	+ 0.013				
			02RC12(T)	0.032	= 0.009	+ 0.017	+ 0.006				
PRF	C29-1	U100X100X2.0						02RC67	0.051	02RC72	0.020
			02RC68(C)	0.089	= 0.044	+ 0.004	+ 0.041				
			02RC71(T)	0.135	= 0.031	+ 0.099	+ 0.005				
2F	C30	U100X100X2.0						02RC71	0.017	02RC72	0.025
			02RC11(C)	0.039	= 0.018	+ 0.018	+ 0.003				
			02RC71(T)	0.160	= 0.046	+ 0.103	+ 0.011				
PRF	C30-1	U100X100X2.0						02RC71	0.012	02RC72	0.047
			02RC68(C)	0.079	= 0.022	+ 0.000	+ 0.056				
			02RC71(T)	0.054	= 0.022	+ 0.022	+ 0.010				
2F	C31	U100X100X2.0						02RC71	0.017	02RC72	0.018
			02RC67(C)	0.164	= 0.051	+ 0.104	+ 0.009				
			02RC72(T)	0.091	= 0.007	+ 0.003	+ 0.081				
PRF	C31-1	U100X100X2.0						02RC71	0.012	02RC72	0.038
			02RC68(C)	0.074	= 0.027	+ 0.000	+ 0.046				
			02RC46(T)	0.014	= 0.002	+ 0.000	+ 0.012				
PRF	C32-1	U100X100X2.0						02RC71	0.005	02RC68	0.064
			02RC68(C)	0.035	= 0.002	+ 0.000	+ 0.033				
			02RC71(T)	0.019	= 0.002	+ 0.001	+ 0.016				
2F	C33	U100X100X2.0						02RC71	0.016	02RC68	0.017
			02RC68(C)	0.173	= 0.075	+ 0.006	+ 0.092				
			02RC71(T)	0.161	= 0.059	+ 0.099	+ 0.004				
PRF	C33-1	U100X100X2.0						02RC67	0.004	02RC72	0.004
			02RC72(C)	0.042	= 0.010	+ 0.002	+ 0.030				
			02RC67(T)	0.056	= 0.012	+ 0.031	+ 0.013				
2F	C34	U100X100X2.0						02RC71	0.021	02RC72	0.018
			02RC67(C)	0.157	= 0.039	+ 0.112	+ 0.005				
			02RC44(T)	0.028	= 0.005	+ 0.021	+ 0.001				
PRF	C34-1	U100X100X2.0						02RC71	0.010	02RC72	0.004
			02RC68(C)	0.033	= 0.005	+ 0.004	+ 0.024				
			02RC71(T)	0.058	= 0.006	+ 0.053	+ 0.000				
2F	C35	U100X100X2.0						02RC67	0.022	02RC68	0.023
			02RC68(C)	0.147	= 0.039	+ 0.007	+ 0.101				
			02RC71(T)	0.134	= 0.016	+ 0.117	+ 0.001				
PRF	C35-1	U100X100X2.0						02RC71	0.011	02RC68	0.012
			02RC68(C)	0.074	= 0.026	+ 0.001	+ 0.047				
			02RC71(T)	0.080	= 0.019	+ 0.053	+ 0.009				
2F	C36	U100X100X2.0						02RC71	0.022	02RC68	0.024
			02RC68(C)	0.153	= 0.045	+ 0.006	+ 0.101				
			02RC71(T)	0.141	= 0.023	+ 0.117	+ 0.001				
PRF	C36-1	U100X100X2.0						02RC71	0.010	02RC68	0.015
			02RC68(C)	0.095	= 0.039	+ 0.001	+ 0.055				
			02RC67(T)	0.079	= 0.017	+ 0.047	+ 0.015				
2F	C37	U100X100X2.0						02RC67	0.022	02RC68	0.023
			02RC68(C)	0.150	= 0.047	+ 0.006	+ 0.096				
			02RC71(T)	0.135	= 0.016	+ 0.117	+ 0.002				
PRF	C37-1	U100X100X2.0						02RC67	0.012	02RC68	0.012
			02RC68(C)	0.076	= 0.031	+ 0.001	+ 0.043				
			02RC71(T)	0.092	= 0.020	+ 0.053	+ 0.018				
2F	C38	U100X100X2.0						02RC67	0.023	02RC68	0.014
			02RC68(C)	0.111	= 0.031	+ 0.008	+ 0.072				
			02RC71(T)	0.160	= 0.038	+ 0.117	+ 0.005				
PRF	C38-1	U100X100X2.0						02RC67	0.005	02RC68	0.003
			02RC68(C)	0.029	= 0.005	+ 0.006	+ 0.018				
			02RC67(T)	0.023	= 0.003	+ 0.020	+ 0.000				
2F	C39	U100X100X2.0						02RC67	0.016	02RC68	0.013
			02RC67(C)	0.195	= 0.089	+ 0.099	+ 0.007				
			02RC44(T)	0.028	= 0.009	+ 0.018	+ 0.002				
PRF	C39-1	U100X100X2.0						02RC71	0.005	02RC71	0.003
			02RC71(C)	0.050	= 0.010	+ 0.031	+ 0.009				
			02RC47(T)	0.009	= 0.001	+ 0.004	+ 0.003				
2F	C40	U100X100X2.0						02RC71	0.006	02RC72	0.042
			02RC68(C)	0.112	= 0.009	+ 0.000	+ 0.104				
			02RC71(T)	0.060	= 0.009	+ 0.047	+ 0.004				
PRF	C40-1	U100X100X2.0						02RC71	0.005	02RC68	0.015
			02RC68(C)	0.102	= 0.011	+ 0.013	+ 0.078				
			02RC71(T)	0.073	= 0.010	+ 0.026	+ 0.037				
2F	C41	U100X100X2.0						02RC71	0.023	02RC68	0.026
			02RC67(C)	0.113	= 0.001	+ 0.109	+ 0.003				
			02RC72(T)	0.117	= 0.026	+ 0.008	+ 0.083				
2F	C42	U100X100X2.0						02RC67	0.028	02RC68	0.016
			02RC68(C)	0.097	= 0.006	+ 0.011	+ 0.081				
			02RC71(T)	0.143	= 0.005	+ 0.132	+ 0.006				
PRF	C42-1	U100X100X2.0						02RC71	0.013	02RC68	0.025
			02RC68(C)	0.106	= 0.014	+ 0.013	+ 0.079				
			02RC71(T)	0.070	= 0.010	+ 0.025	+ 0.035				
2F	C43	U100X100X2.0						02RC71	0.012	02RC68	0.042
			02RC68(C)	0.152	= 0.003	+ 0.018	+ 0.131				
			02RC71(T)	0.041	= 0.006	+ 0.031	+ 0.003				
PRF	C43-1	U100X100X2.0						02RC71	0.012	02RC68	0.042
			02RC68(C)	0.142	= 0.003	+ 0.024	+ 0.115				
			02RC71(T)	0.056	= 0.006	+ 0.046	+ 0.004				
2F	C44-1	U100X100X2.0						02RC71	0.011	02RC72	0.020
			02RC68(C)	0.144	= 0.056	+ 0.004	+ 0.083				
			02RC50(T)	0.023	= 0.008	+ 0.001	+ 0.014				
2F	C45	U100X100X2.0						02RC03	0.009	02RC72	0.046
			02RC68(C)	0.172	= 0.011	+ 0.008	+ 0.153				
			02RC71(T)	0.036	= 0.003	+ 0.031	+ 0.003				
PRF	C45-1	U100X100X2.0						02RC68	0.006	02RC68	0.010
			02RC68(C)	0.079	= 0.007	+ 0.024	+ 0.048				
			02RC71(T)	0.033	= 0.005	+ 0.025	+ 0.003				
2F	C46	U100X100X2.0						02RC71	0.011	02RC68	0.045
			02RC68(C)	0.153	= 0.012	+ 0.004	+ 0.137				
			02RC71(T)	0.031	= 0.004	+ 0.023	+ 0.004				
PRF	C46-1	U100X100X2.0						02RC71	0.011	02RC68	0.045
			02RC68(C)	0.124	= 0.016	+ 0.019	+ 0.089				
			02RC71(T)	0.052	= 0.004	+ 0.039	+ 0.009				
2F	C47-1	U100X100X2.0						02RC11	0.008	02RC68	0.009
			02RC68(C)	0.055	= 0.003	+ 0.004	+ 0.048				
2F	C48	U100X100X2.0						02RC03	0.009	02RC68	0.043
			02RC68(C)	0.170	= 0.016	+ 0.006	+ 0.148				
			02RC71(T)	0.021	= 0.002	+ 0.015	+ 0.004				
PRF	C48-1	U100X100X2.0						02RC03	0.006	02RC68	0.010
			02RC68(C)	0.068	= 0.009	+ 0.021	+ 0.039				
			02RC71(T)	0.029	= 0.004	+ 0.018	+ 0.007				

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 LINE	SECTION ID	/----------MOMENT INTERACTION CHECK----------//----SHEAR22---//----SHEAR33---/ COMBO	RATIO	= AXL +	B33 +	B22	COMBO	RATIO	COMBO	RATIO
2F	B1	2SC125X50X20X2						02RC67	0.074	02RC72	0.000
			02RC67(T)	0.193	= 0.000	+ 0.193	+ 0.000				
PRF	B2	2SC125X50X20X2						02RC71	0.079	02RC72	0.000
			02RC71(T)	0.167	= 0.000	+ 0.167	+ 0.000				
2F	B3	2SC125X50X20X2						02RC67	0.069	02RC72	0.000
			02RC67(T)	0.166	= 0.000	+ 0.166	+ 0.000				
PRF	B4	2SC125X50X20X2						02RC71	0.075	02RC72	0.000
			02RC71(T)	0.148	= 0.000	+ 0.148	+ 0.000				
2F	B6	2SC125X50X20X2						02RC67	0.071	02RC72	0.000
			02RC67(T)	0.176	= 0.000	+ 0.176	+ 0.000				

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PRF    B7  2SC125X50X20X2                    02RC71  0.065 02RC72  0.000
                02RC71(T)   0.112  = 0.000 + 0.112 + 0.000
2F     B8  2SC125X50X20X2                    02RC67  0.074 02RC72  0.000
                02RC67(T)   0.193  = 0.000 + 0.193 + 0.000
PRF    B9  2SC125X50X20X2                    02RC71  0.079 02RC72  0.000
                02RC71(T)   0.159  = 0.000 + 0.159 + 0.000
PRF    B10 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC67(C)   0.537  = 0.000 + 0.537 + 0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
PRF    B11 C125X50X20X2.0                    02RC71  0.062 02RC72  0.000
                02RC71(T)   0.265  = 0.000 + 0.265 + 0.000
PRF    B12 C125X50X20X2.0                    02RC71  0.056 02RC72  0.000
                02RC71(T)   0.212  = 0.000 + 0.212 + 0.000
PRF    B13 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC29(C)   0.197  = 0.000 + 0.197 + 0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
2F     B14 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
2F     B15 Z125X50X20X2.0                    02RC02  0.061 02RC72  0.000
                02RC02(T)   0.269  = 0.000 + 0.269 + 0.000
2F     B16 Z125X50X20X2.0                    02RC02  0.055 02RC72  0.000
                02RC02(T)   0.215  = 0.000 + 0.215 + 0.000
2F     B17 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
PRF    B18 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC27(C)   0.197  = 0.000 + 0.197 + 0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
PRF    B19 C125X50X20X2.0                    02RC71  0.061 02RC72  0.000
                02RC68(C)   0.169  = 0.000 + 0.169 + 0.000
                02RC71(T)   0.254  = 0.000 + 0.254 + 0.000
PRF    B20 C125X50X20X2.0                    02RC71  0.054 02RC72  0.000
                02RC71(C)   0.202  = 0.000 + 0.202 + 0.000
                02RC68(T)   0.134  = 0.000 + 0.134 + 0.000
PRF    B21 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC68(C)   0.436  = 0.000 + 0.436 + 0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
2F     B22 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
2F     B23 Z125X50X20X2.0                    02RC02  0.061 02RC72  0.000
                02RC02(T)   0.269  = 0.000 + 0.269 + 0.000
2F     B24 Z125X50X20X2.0                    02RC02  0.055 02RC72  0.000
                02RC02(T)   0.215  = 0.000 + 0.215 + 0.000
2F     B25 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
PRF    B26 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
PRF    B27 C125X50X20X2.0                    02RC71  0.062 02RC72  0.000
                02RC71(T)   0.265  = 0.000 + 0.265 + 0.000
PRF    B28 C125X50X20X2.0                    02RC71  0.056 02RC72  0.000
                02RC71(T)   0.212  = 0.000 + 0.212 + 0.000
PRF    B29 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
2F     B30 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
2F     B31 Z125X50X20X2.0                    02RC02  0.061 02RC72  0.000
                02RC02(T)   0.269  = 0.000 + 0.269 + 0.000
2F     B32 Z125X50X20X2.0                    02RC02  0.055 02RC72  0.000
                02RC02(T)   0.215  = 0.000 + 0.215 + 0.000
2F     B33 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
PRF    B34 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
PRF    B35 C125X50X20X2.0                    02RC71  0.061 02RC72  0.000
                02RC71(C)   0.254  = 0.000 + 0.254 + 0.000
                02RC72(T)   0.000  = 0.000 + 0.000 + 0.000
PRF    B36 C125X50X20X2.0                    02RC71  0.054 02RC72  0.000
                02RC71(T)   0.202  = 0.000 + 0.202 + 0.000
PRF    B37 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC71(C)   0.657  = 0.000 + 0.657 + 0.000
                02RC72(T)   0.000  = 0.000 + 0.000 + 0.000
2F     B38 2SC125X50X20X2                    02RC68  0.176 02RC72  0.000
                02RC68(T)   0.216  = 0.000 + 0.216 + 0.000
2F     B39 2SC125X50X20X2                    02RC02  0.310 02RC72  0.000
                02RC68(T)   0.281  = 0.000 + 0.281 + 0.000
2F     B40 2SC125X50X20X2                    02RC02  0.357 02RC72  0.000
                02RC02(T)   0.967  = 0.000 + 0.967 + 0.000
2F     B41 2SC125X50X20X2                    02RC02  0.298 02RC72  0.000
                02RC68(T)   0.283  = 0.000 + 0.283 + 0.000
2F     B42 2SC125X50X20X2                    02RC68  0.160 02RC72  0.000
                02RC68(T)   0.179  = 0.000 + 0.179 + 0.000
2F     B43 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
2F     B44 Z125X50X20X2.0                    02RC02  0.061 02RC72  0.000
                02RC02(T)   0.269  = 0.000 + 0.269 + 0.000
2F     B45 Z125X50X20X2.0                    02RC02  0.055 02RC72  0.000
                02RC02(T)   0.215  = 0.000 + 0.215 + 0.000
2F     B46 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
PRF    B47 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC33(C)   0.197  = 0.000 + 0.197 + 0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
PRF    B48 C125X50X20X2.0                    02RC71  0.062 02RC72  0.000
                02RC71(T)   0.265  = 0.000 + 0.265 + 0.000
PRF    B49 C125X50X20X2.0                    02RC71  0.056 02RC72  0.000
                02RC71(T)   0.212  = 0.000 + 0.212 + 0.000
PRF    B50 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC25(C)   0.197  = 0.000 + 0.197 + 0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
2F     B51 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
2F     B52 Z125X50X20X2.0                    02RC02  0.061 02RC72  0.000
                02RC02(T)   0.269  = 0.000 + 0.269 + 0.000
2F     B53 Z125X50X20X2.0                    02RC02  0.055 02RC72  0.000
                02RC02(T)   0.215  = 0.000 + 0.215 + 0.000
2F     B54 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
PRF    B55  2SC125X50X20X2          kl/r > 200          02RC71  0.059 02RC71  0.020
                02RC71(C)   0.146  = 0.008 + 0.070 + 0.067
                02RC68(T)   0.047  = 0.004 + 0.043 + 0.000
PRF    B56 C125X50X20X2.0                    02RC71  0.095 02RC72  0.000
                02RC71(T)   0.639  = 0.000 + 0.639 + 0.000
PRF    B57  2SC125X50X20X2          kl/r > 200          02RC72  0.014 02RC71  0.006
                02RC68(C)   0.098  = 0.058 + 0.040 + 0.001
                02RC68(T)   0.040  = 0.000 + 0.040 + 0.000
PRF    B58 C125X50X20X2.0                    02RC71  0.060 02RC72  0.000
                02RC71(T)   0.243  = 0.000 + 0.243 + 0.000
PRF    B59  2SC125X50X20X2                   02RC68  0.057 02RC72  0.000
                02RC68(T)   0.104  = 0.000 + 0.104 + 0.000
PRF    B60 C125X50X20X2.0                    02RC71  0.053 02RC72  0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
PRF    B61  2SC125X50X20X2          kl/r > 200          02RC68  0.021 02RC67  0.006
                02RC68(C)   0.092  = 0.055 + 0.037 + 0.001
                02RC68(T)   0.064  = 0.000 + 0.064 + 0.000
PRF    B62 C125X50X20X2.0                    02RC71  0.095 02RC72  0.000
                02RC71(T)   0.639  = 0.000 + 0.639 + 0.000
PRF    B63  2SC125X50X20X2          kl/r > 200          02RC67  0.066 02RC67  0.020
                02RC68(C)   0.078  = 0.034 + 0.044 + 0.001
                02RC67(T)   0.148  = 0.001 + 0.079 + 0.068
PRF    B64 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC71(C)   0.657  = 0.000 + 0.657 + 0.000
                02RC67(T)   0.537  = 0.000 + 0.537 + 0.000
PRF    B65 C125X50X20X2.0                    02RC71  0.062 02RC72  0.000
                02RC71(T)   0.265  = 0.000 + 0.265 + 0.000
PRF    B66 C125X50X20X2.0                    02RC71  0.056 02RC72  0.000
                02RC71(T)   0.212  = 0.000 + 0.212 + 0.000
PRF    B67 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC29(C)   0.197  = 0.000 + 0.197 + 0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
2F     B68 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
2F     B69 Z125X50X20X2.0                    02RC02  0.061 02RC72  0.000
                02RC02(T)   0.269  = 0.000 + 0.269 + 0.000
2F     B70 Z125X50X20X2.0                    02RC02  0.055 02RC72  0.000
                02RC02(T)   0.215  = 0.000 + 0.215 + 0.000
2F     B71 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
PRF    B72 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC33(C)   0.197  = 0.000 + 0.197 + 0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
PRF    B73 C125X50X20X2.0                    02RC71  0.062 02RC72  0.000
                02RC71(T)   0.265  = 0.000 + 0.265 + 0.000
PRF    B74 C125X50X20X2.0                    02RC71  0.056 02RC72  0.000
                02RC71(T)   0.212  = 0.000 + 0.212 + 0.000
PRF    B75 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC71(C)   0.657  = 0.000 + 0.657 + 0.000
                02RC33(T)   0.197  = 0.000 + 0.197 + 0.000
2F     B76 2SC125X50X20X2                    02RC67  0.067 02RC72  0.000
                02RC67(T)   0.124  = 0.000 + 0.124 + 0.000
PRF    B77 2SC125X50X20X2                    02RC71  0.019 02RC72  0.005
                02RC71(C)   0.057  = 0.002 + 0.052 + 0.003
                02RC71(T)   0.085  = 0.000 + 0.084 + 0.001
PRF    B78 2SC125X50X20X2                    02RC71  0.012 02RC72  0.000
                02RC71(T)   0.048  = 0.000 + 0.048 + 0.000
2F     B79 2SC125X50X20X2                    02RC02  0.050 02RC72  0.000
                02RC71(T)   0.071  = 0.000 + 0.071 + 0.000
2F     B80 2SC125X50X20X2                    02RC02  0.051 02RC72  0.000
                02RC71(T)   0.094  = 0.000 + 0.094 + 0.000
2F     B81 2SC125X50X20X2                    02RC67  0.065 02RC72  0.000
                02RC67(T)   0.169  = 0.000 + 0.169 + 0.000
PRF    B82 2SC125X50X20X2                    02RC67  0.017 02RC68  0.004
                02RC67(C)   0.079  = 0.001 + 0.076 + 0.001
                02RC67(T)   0.040  = 0.000 + 0.037 + 0.003
2F     B83 2SC125X50X20X2                    02RC68  0.211 02RC72  0.000
                02RC68(T)   0.168  = 0.000 + 0.168 + 0.000
PRF    B84 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
PRF    B85 C125X50X20X2.0                    02RC71  0.062 02RC72  0.000
                02RC71(T)   0.265  = 0.000 + 0.265 + 0.000
PRF    B86 C125X50X20X2.0                    02RC71  0.056 02RC72  0.000
                02RC71(T)   0.212  = 0.000 + 0.212 + 0.000
PRF    B87 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
2F     B88 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
2F     B89 Z125X50X20X2.0                    02RC02  0.061 02RC72  0.000
                02RC02(T)   0.269  = 0.000 + 0.269 + 0.000
2F     B90 Z125X50X20X2.0                    02RC02  0.055 02RC72  0.000
                02RC02(T)   0.215  = 0.000 + 0.215 + 0.000
2F     B91 Z125X50X20X2.0                    02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
PRF    B92 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
PRF    B93 C125X50X20X2.0                    02RC71  0.062 02RC72  0.000
                02RC71(T)   0.265  = 0.000 + 0.265 + 0.000
PRF    B94 C125X50X20X2.0                    02RC71  0.056 02RC72  0.000
                02RC71(T)   0.212  = 0.000 + 0.212 + 0.000
PRF    B95 C125X50X20X2.0                    02RC71  0.096 02RC72  0.000
                02RC71(C)   0.657  = 0.000 + 0.657 + 0.000
                02RC13(T)   0.190  = 0.000 + 0.190 + 0.000
2F     B96 2SC125X50X20X2                    02RC68  0.251 02RC72  0.000
                02RC68(T)   0.224  = 0.000 + 0.224 + 0.000
2F     B97 2SC125X50X20X2                    02RC02  0.161 02RC72  0.000
                02RC68(T)   0.233  = 0.000 + 0.233 + 0.000
2F     B98 2SC125X50X20X2                    02RC02  0.129 02RC72  0.000
                02RC02(T)   0.209  = 0.000 + 0.209 + 0.000
2F     B99 2SC125X50X20X2                    02RC02  0.154 02RC72  0.000
                02RC68(T)   0.231  = 0.000 + 0.231 + 0.000
2F     B101 Z125X50X20X2.0                   02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
2F     B102 Z125X50X20X2.0                   02RC02  0.061 02RC72  0.000
                02RC02(T)   0.269  = 0.000 + 0.269 + 0.000
2F     B103 Z125X50X20X2.0                   02RC02  0.055 02RC72  0.000
                02RC02(T)   0.215  = 0.000 + 0.215 + 0.000
2F     B104 Z125X50X20X2.0                   02RC02  0.095 02RC72  0.000
                02RC02(T)   0.667  = 0.000 + 0.667 + 0.000
2F     B105 2SC125X50X20X2                   02RC68  0.069 02RC72  0.000
                02RC68(T)   0.117  = 0.000 + 0.117 + 0.000
PRF    B106 C125X50X20X2.0                   02RC71  0.096 02RC72  0.000
                02RC68(C)   0.436  = 0.000 + 0.436 + 0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
PRF    B107 C125X50X20X2.0                   02RC71  0.062 02RC72  0.000
                02RC71(T)   0.265  = 0.000 + 0.265 + 0.000
PRF    B108 C125X50X20X2.0                   02RC71  0.056 02RC72  0.000
                02RC71(T)   0.212  = 0.000 + 0.212 + 0.000
PRF    B109 C125X50X20X2.0                   02RC71  0.096 02RC72  0.000
                02RC67(C)   0.537  = 0.000 + 0.537 + 0.000
                02RC71(T)   0.657  = 0.000 + 0.657 + 0.000
PRF    B110 2SC125X50X20X2                   02RC71  0.079 02RC72  0.000
                02RC71(T)   0.168  = 0.000 + 0.168 + 0.000
2F     B111 2SC125X50X20X2                   02RC67  0.071 02RC72  0.000
                02RC67(T)   0.176  = 0.000 + 0.176 + 0.000
PRF    B112 2SC125X50X20X2                   02RC71  0.072 02RC72  0.000
                02RC71(T)   0.135  = 0.000 + 0.135 + 0.000
2F     B113 2SC125X50X20X2                   02RC67  0.078 02RC72  0.000
                02RC67(T)   0.175  = 0.000 + 0.175 + 0.000
PRF    B114 2SC125X50X20X2                   02RC71  0.077 02RC72  0.000
                02RC71(T)   0.148  = 0.000 + 0.148 + 0.000
2F     B115 2SC125X50X20X2                   02RC67  0.070 02RC72  0.000
                02RC67(T)   0.180  = 0.000 + 0.180 + 0.000
PRF    B116 C125X50X20X2.0                   02RC71  0.057 02RC67  0.003
                02RC68(C)   0.136  = 0.000 + 0.122 + 0.014
                02RC71(T)   0.212  = 0.000 + 0.181 + 0.031
2F     B117 C125X50X20X2.0                   02RC02  0.027 02RC72  0.000
                02RC02(T)   0.048  = 0.000 + 0.048 + 0.000
PRF    B118 C125X50X20X2.0                   02RC71  0.057 02RC67  0.004
                02RC71(C)   0.242  = 0.000 + 0.201 + 0.040
                02RC68(T)   0.153  = 0.000 + 0.135 + 0.018
2F     B119 2SC125X50X20X2                   02RC68  0.031 02RC67  0.002
                02RC68(C)   0.153  = 0.007 + 0.137 + 0.008
                02RC09(T)   0.035  = 0.000 + 0.031 + 0.003
2F     B120 2SC125X50X20X2                   02RC02  0.056 02RC72  0.000
                02RC68(T)   0.142  = 0.000 + 0.142 + 0.000
2F     B121 C125X50X20X2.0                   02RC02  0.027 02RC72  0.000
                02RC02(T)   0.048  = 0.000 + 0.048 + 0.000
2F     B122 2SC125X50X20X2                   02RC68  0.053 02RC72  0.000
                02RC68(T)   0.144  = 0.000 + 0.144 + 0.000
PRF    B123 C125X50X20X2.0                   02RC71  0.057 02RC67  0.004
                02RC68(C)   0.152  = 0.000 + 0.134 + 0.017
                02RC71(T)   0.240  = 0.000 + 0.199 + 0.040
2F     B124 C125X50X20X2.0                   02RC02  0.027 02RC72  0.000
                02RC02(T)   0.048  = 0.000 + 0.048 + 0.000
PRF    B125 C125X50X20X2.0                   02RC71  0.057 02RC67  0.004
                02RC71(C)   0.199  = 0.002 + 0.165 + 0.032
                02RC68(T)   0.129  = 0.000 + 0.115 + 0.013
2F     B128 2SC125X50X20X2                   02RC67  0.097 02RC72  0.000
                02RC71(T)   0.159  = 0.000 + 0.159 + 0.000
PRF    B129 C125X50X20X2.0                   02RC71  0.058 02RC71  0.004
                02RC68(C)   0.122  = 0.001 + 0.108 + 0.012
                02RC71(T)   0.188  = 0.003 + 0.153 + 0.032
PRF    B130 C125X50X20X2.0                   02RC71  0.058 02RC71  0.005
                02RC71(C)   0.217  = 0.001 + 0.175 + 0.041
                02RC68(T)   0.135  = 0.000 + 0.119 + 0.016
PRF    B131 C125X50X20X2.0                   02RC71  0.061 02RC71  0.003
                02RC68(C)   0.103  = 0.003 + 0.077 + 0.022
                02RC71(T)   0.238  = 0.002 + 0.169 + 0.067
2F     B133 2SC125X50X20X2                   02RC68  0.050 02RC68  0.015
                02RC67(C)   0.112  = 0.000 + 0.070 + 0.041
                02RC68(T)   0.151  = 0.000 + 0.059 + 0.091
PRF    B134 C125X50X20X2.0                   02RC71  0.057 02RC71  0.003
                02RC02(C)   0.068  = 0.000 + 0.062 + 0.006
                02RC71(T)   0.190  = 0.000 + 0.163 + 0.027
2F     B135 2SC125X50X20X2                   02RC68  0.115 02RC72  0.007
                02RC13(C)   0.050  = 0.001 + 0.042 + 0.007
                02RC68(T)   0.206  = 0.007 + 0.198 + 0.002
2F     B136 C125X50X20X2.0                   02RC02  0.055 02RC72  0.000
                02RC29(C)   0.150  = 0.000 + 0.150 + 0.000
                02RC02(T)   0.208  = 0.000 + 0.208 + 0.000
2F     B137 2SC125X50X20X2                   02RC68  0.135 02RC68  0.011
                02RC68(C)   0.288  = 0.006 + 0.233 + 0.050
                02RC13(T)   0.052  = 0.000 + 0.050 + 0.001
PRF    B138 2SC125X50X20X2                   02RC71  0.060 02RC67  0.002
                02RC68(C)   0.058  = 0.001 + 0.038 + 0.019
                02RC71(T)   0.105  = 0.001 + 0.079 + 0.025
2F     B140 2SC125X50X20X2                   02RC11  0.036 02RC68  0.019
                02RC67(C)   0.049  = 0.001 + 0.041 + 0.007
                02RC68(T)   0.123  = 0.000 + 0.025 + 0.097
```


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)

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

2F     D1  U100X100X2.0                    02RC67  0.013 02RC72  0.013
                02RC67(C)   0.332  = 0.251 + 0.074 + 0.007
                02RC72(T)   0.128  = 0.046 + 0.004 + 0.078
PRF    D2  U100X100X2.0                    02RC15  0.003 02RC68  0.002
                02RC71(C)   0.060  = 0.046 + 0.012 + 0.002
                02RC68(T)   0.048  = 0.023 + 0.006 + 0.018
PRF    D3  U100X100X2.0                    02RC67  0.004 02RC68  0.002
                02RC15(C)   0.018  = 0.011 + 0.006 + 0.001
```

02RC67(T) 0.059 = 0.043 + 0.010 + 0.007
2F D4 U100X100X2.0 02RC67 0.013 02RC72 0.010
02RC16(C) 0.038 = 0.024 + 0.012 + 0.002
02RC71(T) 0.292 = 0.210 + 0.077 + 0.005
PRF D5 U100X100X2.0 02RC68 0.003 02RC71 0.002
02RC72(C) 0.063 = 0.045 + 0.014 + 0.004
02RC67(T) 0.048 = 0.028 + 0.002 + 0.018
2F D6 U100X100X2.0 02RC72 0.012 02RC71 0.015
02RC68(C) 0.304 = 0.233 + 0.064 + 0.006
02RC67(T) 0.146 = 0.054 + 0.004 + 0.087
PRF D7 U100X100X2.0 02RC02 0.004 02RC71 0.002
02RC68(C) 0.045 = 0.026 + 0.018 + 0.001
02RC71(T) 0.035 = 0.002 + 0.009 + 0.024
2F D8 U100X100X2.0 02RC72 0.012 02RC67 0.019
02RC68(C) 0.165 = 0.090 + 0.069 + 0.006
02RC71(T) 0.108 = 0.008 + 0.003 + 0.097
PRF D9 U100X100X2.0 02RC02 0.004 02RC67 0.002
02RC68(C) 0.041 = 0.025 + 0.016 + 0.001
02RC71(T) 0.037 = 0.003 + 0.008 + 0.026
2F D10 U100X100X2.0 02RC72 0.011 02RC71 0.018
02RC68(C) 0.148 = 0.082 + 0.061 + 0.005
02RC71(T) 0.101 = 0.004 + 0.001 + 0.097
PRF D11 U100X100X2.0 02RC67 0.003 02RC67 0.003
02RC71(C) 0.056 = 0.033 + 0.004 + 0.019
02RC13(T) 0.012 = 0.008 + 0.003 + 0.000
2F D12 U100X100X2.0 02RC72 0.009 02RC67 0.015
02RC67(C) 0.158 = 0.067 + 0.003 + 0.089
02RC48(T) 0.025 = 0.009 + 0.002 + 0.015
PRF D13 2SC125X50X20X2 02RC71 0.094 02RC71 0.039
02RC71(C) 0.125 = 0.032 + 0.038 + 0.055
02RC71(T) 0.147 = 0.048 + 0.064 + 0.035
PRF D14 2SC125X50X20X2 02RC71 0.056 02RC67 0.033
02RC68(C) 0.220 = 0.210 + 0.010 + 0.000
02RC71(T) 0.150 = 0.046 + 0.059 + 0.045
PRF D15 U100X100X2.0 02RC68 0.003 02RC71 0.000
02RC71(C) 0.015 = 0.009 + 0.005 + 0.000
02RC68(T) 0.021 = 0.013 + 0.008 + 0.000
PRF D16 2SC125X50X20X2 02RC02 0.050 02RC71 0.009
02RC02(C) 0.134 = 0.039 + 0.093 + 0.001
02RC71(T) 0.122 = 0.071 + 0.018 + 0.033
PRF D17 2SC125X50X20X2 02RC71 0.054 02RC71 0.033
02RC68(C) 0.110 = 0.098 + 0.011 + 0.001
02RC71(T) 0.145 = 0.044 + 0.056 + 0.045
PRF D18 2SC125X50X20X2 02RC68 0.031 02RC71 0.039
02RC68(C) 0.093 = 0.068 + 0.020 + 0.005
02RC71(T) 0.134 = 0.043 + 0.038 + 0.053
PRF D19 U100X100X2.0 02RC68 0.002 02RC71 0.000
02RC72(C) 0.003 = 0.001 + 0.002 + 0.000
02RC67(T) 0.014 = 0.009 + 0.004 + 0.000
PRF D20 U100X100X2.0 02RC67 0.005 02RC71 0.001
02RC71(C) 0.032 = 0.023 + 0.008 + 0.001
02RC68(T) 0.011 = 0.009 + 0.002 + 0.000
2F D21 U100X100X2.0 02RC72 0.020 02RC67 0.029
02RC13(C) 0.056 = 0.033 + 0.019 + 0.004
02RC72(T) 0.148 = 0.052 + 0.095 + 0.002
PRF D22 U100X100X2.0 02RC68 0.008 02RC67 0.004
02RC02(C) 0.024 = 0.003 + 0.020 + 0.001
02RC68(T) 0.058 = 0.021 + 0.034 + 0.003
2F D23 U100X100X2.0 02RC71 0.013 02RC68 0.020
02RC71(C) 0.183 = 0.092 + 0.084 + 0.007
02RC15(T) 0.032 = 0.009 + 0.018 + 0.005
PRF D24 U100X100X2.0 02RC71 0.008 02RC68 0.002
02RC71(C) 0.075 = 0.029 + 0.045 + 0.002
02RC11(T) 0.017 = 0.005 + 0.011 + 0.001
2F D25 U100X100X2.0 02RC71 0.022 02RC68 0.018
02RC71(C) 0.059 = 0.009 + 0.048 + 0.002
02RC68(T) 0.096 = 0.038 + 0.029 + 0.030
2F D26 U100X100X2.0 02RC68 0.008 02RC72 0.000
02RC71(C) 0.023 = 0.019 + 0.004 + 0.000
02RC68(T) 0.045 = 0.035 + 0.010 + 0.000
2F D27 U100X100X2.0 02RC68 0.014 02RC02 0.011
02RC71(C) 0.044 = 0.016 + 0.025 + 0.003
02RC68(T) 0.060 = 0.026 + 0.024 + 0.010
2F D28 U100X100X2.0 02RC02 0.014 02RC02 0.013
02RC71(C) 0.040 = 0.022 + 0.015 + 0.003
02RC02(T) 0.075 = 0.029 + 0.025 + 0.021
2F D29 U100X100X2.0 02RC02 0.007 02RC72 0.000
02RC71(C) 0.025 = 0.021 + 0.005 + 0.000
02RC02(T) 0.048 = 0.039 + 0.009 + 0.000
2F D30 U100X100X2.0 02RC67 0.043 02RC68 0.030
02RC67(C) 0.103 = 0.007 + 0.087 + 0.009
02RC02(T) 0.090 = 0.042 + 0.035 + 0.013
PRF D31 U100X100X2.0 02RC67 0.009 02RC68 0.002
02RC68(C) 0.030 = 0.002 + 0.002 + 0.025
02RC67(T) 0.081 = 0.035 + 0.045 + 0.002
2F D32 U100X100X2.0 02RC67 0.014 02RC68 0.016
02RC68(C) 0.082 = 0.002 + 0.005 + 0.075
02RC67(T) 0.179 = 0.078 + 0.088 + 0.013
PRF D33 2SC125X50X20X2 02RC68 0.057 02RC71 0.028
02RC71(C) 0.102 = 0.020 + 0.037 + 0.045
02RC71(T) 0.131 = 0.040 + 0.054 + 0.037
PRF D34 2SC125X50X20X2 02RC71 0.063 02RC67 0.008
02RC68(C) 0.127 = 0.035 + 0.090 + 0.001
02RC71(T) 0.106 = 0.044 + 0.034 + 0.028
PRF D35 2SC125X50X20X2 02RC68 0.066 02RC71 0.008
02RC68(C) 0.186 = 0.067 + 0.118 + 0.001
02RC71(T) 0.151 = 0.043 + 0.076 + 0.031
PRF D36 2SC125X50X20X2 02RC71 0.073 02RC71 0.007
02RC68(C) 0.167 = 0.050 + 0.117 + 0.001
02RC71(T) 0.144 = 0.030 + 0.087 + 0.028
PRF D37 2SC125X50X20X2 02RC71 0.095 02RC67 0.028
02RC71(C) 0.109 = 0.040 + 0.066 + 0.003
02RC71(T) 0.150 = 0.057 + 0.087 + 0.006
PRF D38 U100X100X2.0 02RC68 0.021 02RC71 0.012
02RC71(C) 0.028 = 0.001 + 0.005 + 0.021
02RC68(T) 0.064 = 0.014 + 0.049 + 0.001
PRF D39 U100X100X2.0 02RC72 0.004 02RC71 0.002
02RC49(C) 0.015 = 0.010 + 0.005 + 0.001
02RC68(T) 0.060 = 0.042 + 0.016 + 0.002
2F D40 U100X100X2.0 02RC68 0.013 02RC71 0.014
02RC11(C) 0.036 = 0.016 + 0.004 + 0.016
02RC72(T) 0.175 = 0.091 + 0.079 + 0.005
PRF D41 U100X100X2.0 02RC72 0.004 02RC67 0.003
02RC71(C) 0.054 = 0.026 + 0.008 + 0.020
02RC68(T) 0.048 = 0.033 + 0.013 + 0.002
2F D42 U100X100X2.0 02RC68 0.010 02RC67 0.014
02RC67(C) 0.149 = 0.051 + 0.014 + 0.084
02RC68(T) 0.127 = 0.062 + 0.062 + 0.003
2F D43 U100X100X2.0 02RC67 0.012 02RC68 0.014
02RC67(C) 0.294 = 0.222 + 0.070 + 0.002
02RC11(T) 0.034 = 0.015 + 0.018 + 0.001
PRF D44 U100X100X2.0 02RC11 0.003 02RC72 0.001
02RC71(C) 0.054 = 0.041 + 0.012 + 0.001
02RC11(T) 0.017 = 0.008 + 0.009 + 0.001
PRF D45 U100X100X2.0 02RC67 0.004 02RC71 0.001
02RC68(C) 0.041 = 0.022 + 0.005 + 0.013
02RC67(T) 0.051 = 0.037 + 0.009 + 0.005
2F D46 U100X100X2.0 02RC67 0.013 02RC68 0.011
02RC68(C) 0.109 = 0.037 + 0.011 + 0.062
02RC67(T) 0.180 = 0.091 + 0.084 + 0.006
PRF D47 2SC125X50X20X2 02RC71 0.093 02RC07 0.013
02RC71(C) 0.226 = 0.005 + 0.160 + 0.061
02RC47(T) 0.082 = 0.000 + 0.019 + 0.063
PRF D48 2SC125X50X20X2 02RC71 0.091 02RC15 0.014
02RC15(C) 0.108 = 0.001 + 0.041 + 0.066
02RC71(T) 0.207 = 0.001 + 0.152 + 0.054
PRF D49 2SC125X50X20X2 02RC71 0.041 02RC71 0.014
02RC71(C) 0.124 = 0.002 + 0.100 + 0.022
02RC44(T) 0.035 = 0.000 + 0.011 + 0.024
PRF D50 2SC125X50X20X2 02RC71 0.040 02RC15 0.010
02RC68(C) 0.086 = 0.010 + 0.070 + 0.007
02RC71(T) 0.108 = 0.002 + 0.103 + 0.004
PRF D51 2SC125X50X20X2 02RC68 0.017 02RC71 0.012
02RC67(C) 0.118 = 0.000 + 0.082 + 0.036
02RC71(T) 0.137 = 0.001 + 0.100 + 0.036
PRF D52 2SC125X50X20X2 02RC68 0.020 02RC67 0.008
02RC68(C) 0.088 = 0.011 + 0.070 + 0.007
02RC71(T) 0.128 = 0.003 + 0.103 + 0.022
PRF D53 2SC125X50X20X2 02RC71 0.064 02RC71 0.014
02RC68(C) 0.101 = 0.028 + 0.066 + 0.007
02RC71(T) 0.111 = 0.002 + 0.078 + 0.031
PRF D54 2SC125X50X20X2 02RC71 0.064 02RC67 0.007
02RC68(C) 0.103 = 0.013 + 0.079 + 0.011
02RC71(T) 0.096 = 0.004 + 0.079 + 0.013
2F D55 C125X50X20X2.0 kl/r > 200 02RC68 0.026 02RC68 0.001
02RC49(C) 0.093 = 0.086 + 0.006 + 0.000
02RC68(T) 0.189 = 0.035 + 0.135 + 0.020
2F D56 C125X50X20X2.0 kl/r > 200 02RC68 0.014 02RC71 0.005
02RC45(C) 0.396 = 0.379 + 0.011 + 0.006
02RC68(T) 0.336 = 0.239 + 0.064 + 0.034
PRF D57 2SC125X50X20X2 02RC71 0.117 02RC71 0.008
02RC68(C) 0.186 = 0.017 + 0.164 + 0.006
02RC71(T) 0.190 = 0.004 + 0.176 + 0.010
PRF D58 2SC125X50X20X2 02RC71 0.116 02RC71 0.038
02RC68(C) 0.194 = 0.008 + 0.181 + 0.005
02RC71(T) 0.222 = 0.006 + 0.174 + 0.043
PRF D59 2SC125X50X20X2 02RC72 0.037 02RC71 0.025
02RC71(C) 0.103 = 0.002 + 0.018 + 0.083
02RC17(T) 0.026 = 0.001 + 0.016 + 0.009
PRF D60 2SC125X50X20X2 02RC71 0.023 02RC67 0.012
02RC68(C) 0.067 = 0.005 + 0.043 + 0.019
02RC67(T) 0.063 = 0.001 + 0.020 + 0.042
2F D61 C125X50X20X2.0 02RC72 0.006 02RC71 0.010
02RC72(C) 0.479 = 0.429 + 0.031 + 0.020
02RC67(T) 0.169 = 0.001 + 0.023 + 0.145
2F D62 C125X50X20X2.0 02RC68 0.026 02RC71 0.010
02RC68(C) 0.198 = 0.045 + 0.150 + 0.004
02RC46(T) 0.033 = 0.003 + 0.028 + 0.002
PRF D63 2SC125X50X20X2 02RC68 0.070 02RC71 0.020
02RC68(C) 0.183 = 0.025 + 0.156 + 0.001
02RC71(T) 0.108 = 0.001 + 0.036 + 0.072
PRF D64 2SC125X50X20X2 02RC68 0.051 02RC71 0.017
02RC68(C) 0.093 = 0.007 + 0.084 + 0.002
02RC71(T) 0.108 = 0.002 + 0.032 + 0.074
PRF D65 2SC125X50X20X2 02RC72 0.099 02RC71 0.020
02RC72(C) 0.190 = 0.009 + 0.178 + 0.003
02RC71(T) 0.109 = 0.001 + 0.036 + 0.072
PRF D66 2SC125X50X20X2 02RC68 0.051 02RC71 0.017
02RC68(C) 0.090 = 0.004 + 0.084 + 0.002
02RC71(T) 0.108 = 0.002 + 0.032 + 0.074
PRF D67 2SC125X50X20X2 02RC68 0.132 02RC71 0.013
02RC68(C) 0.292 = 0.017 + 0.265 + 0.010
02RC71(T) 0.074 = 0.001 + 0.024 + 0.048
PRF D68 2SC125X50X20X2 02RC68 0.059 02RC03 0.007
02RC68(C) 0.117 = 0.005 + 0.109 + 0.003
02RC71(T) 0.066 = 0.001 + 0.021 + 0.044

```
$ File E:\WORK\2022\2208A\MODEL\SAFE\SC2-3\220813\2208A-SC2-3-220813-001.U3S saved 8/16/22 13:54:35 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"  362.5
  GRID  "GLOBAL"  X  "1_2"  597.5
  GRID  "GLOBAL"  X  "3"  807.5
  GRID  "GLOBAL"  X  "4"  1170
  GRID  "GLOBAL"  Y  "A"  0
  GRID  "GLOBAL"  Y  "B"  417.5
  GRID  "GLOBAL"  Y  "C"  600
  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 8  CB 8
  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 8  CTJ 8  CBI 8  CBJ 8
  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  "F8"  K 1
  SOILPROP  "F7"  K 1
  SOILPROP  "F5"  K 1
  SOILPROP  "F2"  K 1
  SOILPROP  "F4"  K 1
  SOILPROP  "F6"  K 1
  SOILPROP  "F1"  K 1
  SOILPROP  "F3"  K 1
$ POINT COORDINATES
  POINT  "1"  0  0
  POINT  "130"  0  600
  POINT  "28"  0  120
  POINT  "112"  0  480
  POINT  "91"  0  417.5
  POINT  "52"  0  240
  POINT  "7"  1170  0
  POINT  "137"  1170  600
  POINT  "31"  1170  120
  POINT  "113"  1170  480
  POINT  "101"  1170  417.5
  POINT  "53"  1170  240
  POINT  "3"  362.5  0
  POINT  "132"  362.5  600
  POINT  "29"  362.5  120
  POINT  "93"  362.5  417.5
  POINT  "66"  362.5  300
  POINT  "4"  597.5  0
  POINT  "133"  597.5  600
  POINT  "168"  597.5  1040
  POINT  "152"  597.5  823.6
  POINT  "161"  597.5  942.5
  POINT  "5"  807.5  0
  POINT  "135"  807.5  600
  POINT  "99"  807.5  417.5
  POINT  "170"  807.5  1040
  POINT  "154"  807.5  823.6
  POINT  "163"  807.5  942.5
  POINT  "30"  807.5  120
  POINT  "72"  807.5  300
  POINT  "2"  120  0
  POINT  "6"  1050  0
  POINT  "92"  120  417.5
  POINT  "100"  1050  417.5
  POINT  "131"  120  600
  POINT  "136"  1050  600
  POINT  "169"  702.5  1040
  POINT  "162"  702.5  942.5
  POINT  "153"  702.5  823.6
  POINT  "134"  702.5  600
$ LINE CONNECTIVITY
  LINE  "B1"  0 0  362.5  0
  LINE  "B5"  362.5  0  807.5  0
  LINE  "B8"  807.5  0  1170  0
  LINE  "B42"  1170  0  1170  417.5
  LINE  "B100"  1170  417.5  1170  600
  LINE  "B38"  0  0  0  417.5
  LINE  "B96"  0  417.5  0  600
  LINE  "B111"  0  600  362.5  600
  LINE  "B113"  362.5  600  807.5  600
  LINE  "B115"  807.5  600  1170  600
  LINE  "B76"  0  417.5  362.5  417.5
  LINE  "B79"  362.5  417.5  807.5  417.5
  LINE  "B81"  807.5  417.5  1170  417.5
  LINE  "B39"  362.5  0  362.5  417.5
  LINE  "B97"  362.5  417.5  362.5  600
  LINE  "B41"  807.5  0  807.5  417.5
  LINE  "B99"  807.5  417.5  807.5  600
  LINE  "B127"  807.5  600  807.5  1040
  LINE  "B126"  597.5  600  597.5  1040
  LINE  "B139"  597.5  1040  807.5  1040
  LINE  "B132"  597.5  942.5  807.5  942.5
$ AREA CONNECTIVITY
  AREA  "F8"  4 597.5  942.5  807.5  942.5  807.5  1040  597.5  1040
  AREA  "F7"  4 807.5  942.5  597.5  942.5  597.5  600  807.5  600
  AREA  "F5"  4 362.5  417.5  807.5  417.5  807.5  600  362.5  600
  AREA  "F2"  4 807.5  417.5  362.5  417.5  362.5  0  807.5  0
  AREA  "F4"  4 362.5  417.5  362.5  600 0  600  0  417.5
  AREA  "F6"  4 807.5  600  807.5  417.5  1170  417.5  1170  600
  AREA  "F1"  4 362.5  417.5  0  417.5  0  0  362.5  0
  AREA  "F3"  4 1170  417.5  807.5  417.5  807.5  0  1170  0
$ BEAM ASSIGNS
  BEAM  "B1"  "RB60X40C4"
  BEAM  "B5"  "RB60X40C4"
  BEAM  "B8"  "RB60X40C4"
  BEAM  "B42"  "RB60X40C4"
  BEAM  "B100"  "RB60X40C4"
  BEAM  "B38"  "RB60X40C4"
  BEAM  "B96"  "RB60X40C4"
  BEAM  "B111"  "RB60X40C4"
  BEAM  "B113"  "RB60X40C4"
  BEAM  "B115"  "RB60X40C4"
  BEAM  "B76"  "RB60X40C4"
  BEAM  "B79"  "RB60X40C4"
  BEAM  "B81"  "RB60X40C4"
  BEAM  "B39"  "RB60X40C4"
  BEAM  "B97"  "RB60X40C4"
  BEAM  "B41"  "RB60X40C4"
  BEAM  "B99"  "RB60X40C4"
  BEAM  "B127"  "RB60X40C4"
  BEAM  "B126"  "RB60X40C4"
  BEAM  "B139"  "RB60X40C4"
  BEAM  "B132"  "RB60X40C4"
$ SLAB ASSIGNS
  SLAB  "F8"  "S40"
  SLAB  "F7"  "S40"
  SLAB  "F5"  "S40"
  SLAB  "F2"  "S40"
  SLAB  "F4"  "S40"
  SLAB  "F6"  "S40"
  SLAB  "F1"  "S40"
  SLAB  "F3"  "S40"
$ COLUMN ASSIGNS
$ WALL ASSIGNS
$ SOIL ASSIGNS
  SOIL  "F8"  "F8"
  SOIL  "F7"  "F7"
  SOIL  "F5"  "F5"
  SOIL  "F2"  "F2"
  SOIL  "F4"  "F4"
  SOIL  "F6"  "F6"
  SOIL  "F1"  "F1"
  SOIL  "F3"  "F3"
$ RELEASE ASSIGNS
$ LOADS
  LOAD "DL"  TYPE  DEAD  SELFWEIGHT  1  LTDFACTOR  3
  POINTLOAD  "DL"  "1"  F  81.28244  MX  88.20751  MY  -41.07202
  POINTLOAD  "DL"  "130"  F  80.17266  MX  -51.63914  MY  -65.38318
  POINTLOAD  "DL"  "28"  F  216.2763  MX  483.3158  MY  -20.7974
  POINTLOAD  "DL"  "112"  F  210.3176  MX  -379.4013  MY  -53.44616
  POINTLOAD  "DL"  "91"  F  105.3204  MX  -25.76998  MY  -70.74343
  POINTLOAD  "DL"  "52"  F  149.5473  MX  63.14358  MY  3.586498
  POINTLOAD  "DL"  "7"  F  78.22839  MX  37.9738  MY  68.44942
  POINTLOAD  "DL"  "137"  F  83.77515  MX  -101.7709  MY  43.26883
  POINTLOAD  "DL"  "31"  F  235.3818  MX  385.9027  MY  58.6901
  POINTLOAD  "DL"  "113"  F  191.8343  MX  -477.4734  MY  26.65285
  POINTLOAD  "DL"  "101"  F  103.3021  MX  -83.17096  MY  64.41339
  POINTLOAD  "DL"  "53"  F  149.7467  MX  2.844439  MY  3.789702
  POINTLOAD  "DL"  "3"  F  114.855  MX  94.10674  MY  8.600755
  POINTLOAD  "DL"  "132"  F  181.6339  MX  -130.8896  MY  -15.29204
  POINTLOAD  "DL"  "29"  F  295.3629  MX  536.4969  MY  16.71311
  POINTLOAD  "DL"  "93"  F  300.3522  MX  12.50789  MY  -74.40824
  POINTLOAD  "DL"  "66"  F  201.2418  MX  -43.545  MY  -0.3078195
  POINTLOAD  "DL"  "4"  F  271.5785  MX  644.8193  MY  27.88149
  POINTLOAD  "DL"  "133"  F  272.3387  MX  -291.6322  MY  -44.70833
  POINTLOAD  "DL"  "168"  F  84.72332  MX  -58.07983  MY  -20.02095
  POINTLOAD  "DL"  "152"  F  111.4197  MX  -132.5544  MY  -52.00257
  POINTLOAD  "DL"  "161"  F  92.82541  MX  -31.62768  MY  -51.23736
  POINTLOAD  "DL"  "5"  F  109.8919  MX  73.7674  MY  13.87679
  POINTLOAD  "DL"  "135"  F  196.8636  MX  -67.57929  MY  25.94884
  POINTLOAD  "DL"  "99"  F  222.5212  MX  -29.45883  MY  71.12137
  POINTLOAD  "DL"  "170"  F  83.65785  MX  -96.351  MY  12.81856
  POINTLOAD  "DL"  "154"  F  113.0143  MX  -55.36061  MY  -22.46636
  POINTLOAD  "DL"  "163"  F  93.0375  MX  -75.62367  MY  36.32957
  POINTLOAD  "DL"  "30"  F  296.6571  MX  497.859  MY  18.30732
  POINTLOAD  "DL"  "72"  F  413.4434  MX  -498.9059  MY  64.60717
  POINTLOAD  "DL"  "2"  F  210.6661  MX  75.81469  MY  -435.2398
  POINTLOAD  "DL"  "6"  F  193.9161  MX  -3.596361  MY  487.8826
  POINTLOAD  "DL"  "92"  F  239.5076  MX  -4.336991  MY  -493.013
  POINTLOAD  "DL"  "100"  F  240.5614  MX  -88.12116  MY  476.1172
  POINTLOAD  "DL"  "131"  F  196.7632  MX  -17.29587  MY  -485.6451
  POINTLOAD  "DL"  "136"  F  212.5989  MX  -96.60693  MY  443.0933
  POINTLOAD  "DL"  "153"  F  89.99304  MX  386.0851  MY  -59.5587
  POINTLOAD  "DL"  "169"  F  31.26326  MX  -34.84982  MY  -5.133395
  POINTLOAD  "DL"  "162"  F  16.28779  MX  62.89717  MY  -11.66067
  POINTLOAD  "DL"  "134"  F  3.717711  MX  -164.8914  MY  -0.1799376
  LOAD "SDL"  TYPE  DEAD  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "SDL"  "1"  F  52.15085  MX  149.8616  MY  -17.00413
  POINTLOAD  "SDL"  "130"  F  53.36281  MX  -90.4376  MY  -65.44997
  POINTLOAD  "SDL"  "28"  F  230.1354  MX  195.6673  MY  3.602802
  POINTLOAD  "SDL"  "112"  F  171.0393  MX  61.518  MY  -62.59426
  POINTLOAD  "SDL"  "91"  F  97.40769  MX  -275.075  MY  -51.15797
  POINTLOAD  "SDL"  "52"  F  247.2753  MX  285.0194  MY  9.863861
  POINTLOAD  "SDL"  "7"  F  47.04869  MX  48.26917  MY  77.25516
  POINTLOAD  "SDL"  "137"  F  60.5356  MX  -191.5967  MY  25.74082
  POINTLOAD  "SDL"  "31"  F  265.1406  MX  -3.095078  MY  84.95139
  POINTLOAD  "SDL"  "113"  F  137.8435  MX  -137.9999  MY  17.64769
  POINTLOAD  "SDL"  "101"  F  94.69856  MX  -389.5404  MY  43.6189
  POINTLOAD  "SDL"  "53"  F  247.3327  MX  163.7713  MY  10.33439
  POINTLOAD  "SDL"  "3"  F  181.1414  MX  227.5152  MY  21.73783
  POINTLOAD  "SDL"  "132"  F  390.3059  MX  -871.021  MY  -16.17564
  POINTLOAD  "SDL"  "29"  F  581.5892  MX  657.3898  MY  43.59567
  POINTLOAD  "SDL"  "93"  F  647.4758  MX  55.53253  MY  -154.2785
  POINTLOAD  "SDL"  "66"  F  485.9859  MX  -464.6267  MY  -2.590702
  POINTLOAD  "SDL"  "4"  F  614.5133  MX  3986.259  MY  91.98797
  POINTLOAD  "SDL"  "133"  F  504.4169  MX  -623.1504  MY  -63.30537
  POINTLOAD  "SDL"  "168"  F  83.63441  MX  -106.2427  MY  -6.45554
  POINTLOAD  "SDL"  "152"  F  91.44766  MX  -141.8173  MY  -271.443
  POINTLOAD  "SDL"  "161"  F  91.46197  MX  52.5755  MY  -8.362313
  POINTLOAD  "SDL"  "5"  F  165.0681  MX  178.945  MY  5.566228
  POINTLOAD  "SDL"  "135"  F  418.7495  MX  -606.5861  MY  15.68167
  POINTLOAD  "SDL"  "99"  F  440.5452  MX  -23.20031  MY  160.9627
  POINTLOAD  "SDL"  "170"  F  80.27312  MX  -256.2227  MY  -32.18924
  POINTLOAD  "SDL"  "154"  F  139.8151  MX  -139.9239  MY  -9.197775
  POINTLOAD  "SDL"  "163"  F  88.08658  MX  -104.9321  MY  -59.56905
  POINTLOAD  "SDL"  "30"  F  561.2987  MX  553.9611  MY  20.40056
  POINTLOAD  "SDL"  "72"  F  818.2318  MX  -409.3192  MY  101.8608
  POINTLOAD  "SDL"  "2"  F  176.688  MX  142.7065  MY  -145.0854
  POINTLOAD  "SDL"  "6"  F  146.1309  MX  -20.90538  MY  264.2814
  POINTLOAD  "SDL"  "92"  F  196.0826  MX  -197.5119  MY  -267.6596
  POINTLOAD  "SDL"  "100"  F  197.107  MX  -369.2973  MY  241.2936
  POINTLOAD  "SDL"  "131"  F  155.7538  MX  -40.32283  MY  -252.098
  POINTLOAD  "SDL"  "136"  F  182.6254  MX  -203.3413  MY  176.5991
  POINTLOAD  "SDL"  "153"  F  68.66568  MX  -17.96071  MY  -176.1237
  POINTLOAD  "SDL"  "169"  F  38.533  MX  -64.3168  MY  -29.54686
  POINTLOAD  "SDL"  "162"  F  34.98305  MX  -52.4193  MY  -52.06936
  POINTLOAD  "SDL"  "134"  F  -9.181019  MX  14.65189  MY  -0.876342
  AREALOAD  "SDL"  "F8"  W  0.03
  AREALOAD  "SDL"  "F7"  W  0.03
  AREALOAD  "SDL"  "F5"  W  0.03
  AREALOAD  "SDL"  "F2"  W  0.03
  AREALOAD  "SDL"  "F4"  W  0.03
  AREALOAD  "SDL"  "F6"  W  0.03
  AREALOAD  "SDL"  "F1"  W  0.03
  AREALOAD  "SDL"  "F3"  W  0.03
  LOAD "LL"  TYPE  LIVE  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "LL"  "1"  F  129.6855  MX  453.5927  MY  -70.99897
  POINTLOAD  "LL"  "130"  F  144.3868  MX  -335.5478  MY  -200.2233
  POINTLOAD  "LL"  "28"  F  593.1631  MX  540.9996  MY  -21.48494
  POINTLOAD  "LL"  "112"  F  418.3457  MX  132.8204  MY  -201.151
  POINTLOAD  "LL"  "91"  F  249.4823  MX  -967.034  MY  -167.552
  POINTLOAD  "LL"  "52"  F  641.4208  MX  910.0404  MY  23.99199
  POINTLOAD  "LL"  "7"  F  116.3054  MX  181.4034  MY  227.8444
  POINTLOAD  "LL"  "137"  F  161.8584  MX  -606.7188  MY  89.37728
  POINTLOAD  "LL"  "31"  F  679.2198  MX  4.919762  MY  252.1837
  POINTLOAD  "LL"  "113"  F  334.7463  MX  -403.5596  MY  69.17689
  POINTLOAD  "LL"  "101"  F  242.6293  MX  -1270.698  MY  142.3335
  POINTLOAD  "LL"  "53"  F  640.8535  MX  585.7841  MY  25.7365
  POINTLOAD  "LL"  "3"  F  455.37  MX  727.3708  MY  70.97468
  POINTLOAD  "LL"  "132"  F  974.6165  MX  -2961.185  MY  -10.99322
  POINTLOAD  "LL"  "29"  F  1467.87  MX  2080.348  MY  128.7622
  POINTLOAD  "LL"  "93"  F  1664.979  MX  159.9424  MY  -418.6195
  POINTLOAD  "LL"  "66"  F  1239.995  MX  -1600.702  MY  5.863675E-03
  POINTLOAD  "LL"  "4"  F  1597.333  MX  13425.67  MY  298.8259
  POINTLOAD  "LL"  "133"  F  1228.437  MX  -1912.573  MY  -193.1497
  POINTLOAD  "LL"  "168"  F  203.4508  MX  -340.472  MY  -152.3947
  POINTLOAD  "LL"  "152"  F  136.8655  MX  -258.572  MY  -446.4671
  POINTLOAD  "LL"  "161"  F  205.6425  MX  225.1458  MY  -177.7174
  POINTLOAD  "LL"  "5"  F  413.7525  MX  591.6858  MY  -44.64824
  POINTLOAD  "LL"  "135"  F  1045.795  MX  -1901.933  MY  27.7218
  POINTLOAD  "LL"  "99"  F  1157.001  MX  -59.37079  MY  420.4279
  POINTLOAD  "LL"  "170"  F  195.1053  MX  -741.5246  MY  61.61791
  POINTLOAD  "LL"  "154"  F  296.2831  MX  -621.6153  MY  79.51068
  POINTLOAD  "LL"  "163"  F  198.6399  MX  -176.6552  MY  39.317
  POINTLOAD  "LL"  "30"  F  1414.014  MX  1779.589  MY  -10.00657
  POINTLOAD  "LL"  "72"  F  2052.162  MX  -1241.059  MY  208.47
  POINTLOAD  "LL"  "2"  F  431.5464  MX  418.0446  MY  -548.7341
  POINTLOAD  "LL"  "6"  F  358.2979  MX  -25.71174  MY  863.8814
  POINTLOAD  "LL"  "92"  F  500.1907  MX  -732.9255  MY  -848.6567
  POINTLOAD  "LL"  "100"  F  504.6988  MX  -1197.375  MY  769.708
  POINTLOAD  "LL"  "131"  F  399.4899  MX  -208.5835  MY  -840.3812
  POINTLOAD  "LL"  "136"  F  465.4838  MX  -649.6942  MY  625.7252
  POINTLOAD  "LL"  "153"  F  224.6623  MX  -43.1193  MY  -476.4008
  POINTLOAD  "LL"  "169"  F  128.9134  MX  -181.5845  MY  -67.74708
  POINTLOAD  "LL"  "162"  F  115.9132  MX  -164.8569  MY  -110.2906
  POINTLOAD  "LL"  "134"  F  -29.60487  MX  48.65224  MY  -2.369136
  AREALOAD  "LL"  "F8"  W  0.1
  AREALOAD  "LL"  "F7"  W  0.1
  AREALOAD  "LL"  "F5"  W  0.1
  AREALOAD  "LL"  "F2"  W  0.1
  AREALOAD  "LL"  "F4"  W  0.1
  AREALOAD  "LL"  "F6"  W  0.1
  AREALOAD  "LL"  "F1"  W  0.1
  AREALOAD  "LL"  "F3"  W  0.1
  LOAD "EXP"  TYPE  QUAKE  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "EXP"  "1"  F  -945.8546  MX  -118.4175  MY  4869.114
  POINTLOAD  "EXP"  "130"  F  -944.8597  MX  -273.9986  MY  5048.651
  POINTLOAD  "EXP"  "28"  F  -1210.003  MX  -487.0791  MY  9471.393
  POINTLOAD  "EXP"  "112"  F  -1636.041  MX  69.19118  MY  9621.309
  POINTLOAD  "EXP"  "91"  F  -1316.605  MX  -85.02607  MY  4959.225
  POINTLOAD  "EXP"  "52"  F  -228.7233  MX  -317.9146  MY  4916.904
  POINTLOAD  "EXP"  "7"  F  939.4999  MX  74.27806  MY  4869.935
  POINTLOAD  "EXP"  "137"  F  951.2284  MX  229.8407  MY  5047.582
  POINTLOAD  "EXP"  "31"  F  1223.733  MX  399.9447  MY  9471.988
  POINTLOAD  "EXP"  "113"  F  1622.777  MX  -157.453  MY  9620.375
  POINTLOAD  "EXP"  "101"  F  1316.38  MX  33.79947  MY  4959.021
  POINTLOAD  "EXP"  "53"  F  228.9609  MX  263.7873  MY  4916.903
  POINTLOAD  "EXP"  "3"  F  -20.34737  MX  -89.97409  MY  5398.661
  POINTLOAD  "EXP"  "132"  F  6.055886  MX  -91.43114  MY  5930.891
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POINTLOAD "EXP" "29" F 25.9863 MX -169.8791 MY 9826.346
POINTLOAD "EXP" "93" F -8.451298 MX -156.2171 MY 9215.947
POINTLOAD "EXP" "66" F 0.1136504 MX -107.3856 MY 4929.464
POINTLOAD "EXP" "4" F -9.544801 MX -19.30261 MY 5765.426
POINTLOAD "EXP" "133" F -10.90284 MX -20.42972 MY 5932.971
POINTLOAD "EXP" "168" F -102.7321 MX 119.1937 MY 4678.19
POINTLOAD "EXP" "152" F -14.25585 MX 21.32318 MY 5799.733
POINTLOAD "EXP" "161" F -110.0773 MX 112.3313 MY 5131.893
POINTLOAD "EXP" "5" F 14.09328 MX 43.8319 MY 5430.428
POINTLOAD "EXP" "135" F 1.732001 MX 60.21243 MY 5932.294
POINTLOAD "EXP" "99" F -3.965445 MX 80.69921 MY 9147.6
POINTLOAD "EXP" "170" F 100.8687 MX 6.152996 MY 4678.781
POINTLOAD "EXP" "154" F 123.9408 MX 38.93029 MY 3934.697
POINTLOAD "EXP" "163" F 110.5266 MX 6.575404 MY 5131.869
POINTLOAD "EXP" "30" F -11.83338 MX 82.74666 MY 9851
POINTLOAD "EXP" "72" F 17.43924 MX 97.36511 MY 11426.21
POINTLOAD "EXP" "2" F 2159.263 MX -262.8296 MY 9627.591
POINTLOAD "EXP" "6" F -2167.356 MX 177.9642 MY 9625.505
POINTLOAD "EXP" "92" F 1763.016 MX -212.5562 MY 9712.482
POINTLOAD "EXP" "100" F -1761.646 MX 123.5428 MY 9723.449
POINTLOAD "EXP" "131" F 2247.111 MX -350.4969 MY 9947.971
POINTLOAD "EXP" "136" F -2239.611 MX 265.6351 MY 9950.563
POINTLOAD "EXP" "153" F -97.52037 MX 219.4793 MY 6572.939
POINTLOAD "EXP" "169" F -4.420263E-02 MX 31.76688 MY 7113.918
POINTLOAD "EXP" "162" F -17.27545 MX 107.5281 MY 8009.082
POINTLOAD "EXP" "134" F 4.925041 MX 11.66045 MY 36.18374
LOAD "EYP" TYPE QUAKE SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "EYP" "1" F -652.5086 MX -3796.011 MY 40.6625
POINTLOAD "EYP" "130" F 654.8281 MX -3798.491 MY -8.298147
POINTLOAD "EYP" "28" F 1368.373 MX -7369.529 MY 98.14281
POINTLOAD "EYP" "112" F -1308.293 MX -7523.116 MY -31.22423
POINTLOAD "EYP" "91" F -54.14133 MX -4514.419 MY -26.07119
POINTLOAD "EYP" "52" F 37.6277 MX -4679.437 MY 34.16241
POINTLOAD "EYP" "7" F -679.6799 MX -4172.217 MY 178.9149
POINTLOAD "EYP" "137" F 694.3632 MX -4173.654 MY -143.8906
POINTLOAD "EYP" "31" F 1574.112 MX -8070.669 MY 190.8662
POINTLOAD "EYP" "113" F -1491.203 MX -8243.902 MY -124.144
POINTLOAD "EYP" "101" F -73.78335 MX -4968.512 MY -6.225875
POINTLOAD "EYP" "53" F 45.30346 MX -5138.028 MY 33.78635
POINTLOAD "EYP" "3" F -988.0384 MX -4010.513 MY 98.15304
POINTLOAD "EYP" "132" F 35.36317 MX -4150.589 MY -65.33391
POINTLOAD "EYP" "29" F 983.5536 MX -7626.153 MY 137.7004
POINTLOAD "EYP" "93" F 69.40476 MX -6931.315 MY -72.21251
POINTLOAD "EYP" "66" F -6.192253 MX -4652.356 MY 16.73468
POINTLOAD "EYP" "4" F -0.220939 MX -3979.71 MY 138.8991
POINTLOAD "EYP" "133" F -122.8485 MX -4484.82 MY -52.07295
POINTLOAD "EYP" "168" F 187.7613 MX 26.69348 MY -272.9013
POINTLOAD "EYP" "152" F -8.443525 MX -1192.547 MY 29.04223
POINTLOAD "EYP" "161" F 46.24859 MX -332.0204 MY -221.934
POINTLOAD "EYP" "5" F -1025.497 MX -4150.174 MY 154.6229
POINTLOAD "EYP" "135" F 133.6724 MX -4770.824 MY -142.0381
POINTLOAD "EYP" "99" F 869.4423 MX -7084.994 MY -60.67443
POINTLOAD "EYP" "170" F 131.2982 MX -8075.544 MY -369.0029
POINTLOAD "EYP" "154" F -95.41044 MX -4250.299 MY -336.1887
POINTLOAD "EYP" "163" F -15.56315 MX -8480.994 MY 317.3843
POINTLOAD "EYP" "30" F 1024.098 MX -7930.87 MY 173.2395
POINTLOAD "EYP" "72" F -1194.143 MX -9076.099 MY -44.21065
POINTLOAD "EYP" "2" F -806.6999 MX -7138.999 MY 336.4843
POINTLOAD "EYP" "6" F -1000.977 MX -7689.868 MY 61.34749
POINTLOAD "EYP" "92" F -81.20885 MX -7545.155 MY -29.11353
POINTLOAD "EYP" "100" F -71.97452 MX -8137.29 MY 6.173312
POINTLOAD "EYP" "131" F 834.4043 MX -7141.212 MY -230.3867
POINTLOAD "EYP" "136" F 1004.308 MX -7692.082 MY -29.2983
POINTLOAD "EYP" "153" F -441.1708 MX -4629.906 MY -262.0281
POINTLOAD "EYP" "169" F 7.682584 MX -2814.995 MY -361.0127
POINTLOAD "EYP" "162" F 771.579 MX -4525.497 MY 25.15354
POINTLOAD "EYP" "134" F -355.4275 MX 160.3358 MY -2.05754
LOAD "EXN" TYPE QUAKE SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "EXN" "1" F -906.0983 MX 459.0658 MY 5165.827
POINTLOAD "EXN" "130" F -995.0034 MX 302.5863 MY 4811.384
POINTLOAD "EXN" "28" F -1455.71 MX 621.7103 MY 9870.062
POINTLOAD "EXN" "112" F -1408.455 MX 1192.943 MY 9340.54
POINTLOAD "EXN" "91" F -1293.456 MX 585.7417 MY 4891.691
POINTLOAD "EXN" "52" F -234.1608 MX 380.0357 MY 4996.641
POINTLOAD "EXN" "7" F 910.7794 MX -426.9022 MY 5165.269
POINTLOAD "EXN" "137" F 990.2505 MX -270.4166 MY 4811.674
POINTLOAD "EXN" "31" F 1445.52 MX -558.305 MY 9869.623
POINTLOAD "EXN" "113" F 1418.335 MX -1128.742 MY 9340.65
POINTLOAD "EXN" "101" F 1293.95 MX -548.379 MY 4891.311
POINTLOAD "EXN" "53" F 234.0627 MX -340.5367 MY 4996.643
POINTLOAD "EXN" "3" F 33.64329 MX 155.8874 MY 5716.836
POINTLOAD "EXN" "132" F 4.829799 MX 165.9632 MY 5669.685
POINTLOAD "EXN" "29" F -27.82953 MX 302.3751 MY 10240.93
POINTLOAD "EXN" "93" F -6.172546 MX 251.3877 MY 9094.691
POINTLOAD "EXN" "66" F 1.509266 MX 177.4984 MY 4959.392
POINTLOAD "EXN" "4" F -8.406166 MX 8.838758 MY 6103.575
POINTLOAD "EXN" "133" F -7.486826 MX 8.586612 MY 5672.467
POINTLOAD "EXN" "168" F -101.5955 MX 112.973 MY 4593.629
POINTLOAD "EXN" "152" F -14.40319 MX 18.84908 MY 5673.334
POINTLOAD "EXN" "161" F -107.4595 MX 108.3892 MY 5018.502
POINTLOAD "EXN" "5" F -23.18472 MX -122.8405 MY 5750.463
POINTLOAD "EXN" "135" F 4.93622 MX -132.1159 MY 5669.257
POINTLOAD "EXN" "99" F 27.78383 MX -193.9774 MY 9026.967
POINTLOAD "EXN" "170" F 103.5566 MX -302.2727 MY 4592.965
POINTLOAD "EXN" "154" F 114.7344 MX -137.1574 MY 3383.413
POINTLOAD "EXN" "163" F 109.8183 MX -316.0294 MY 5032.46
POINTLOAD "EXN" "30" F 26.0007 MX -237.7358 MY 10267.07
POINTLOAD "EXN" "72" F -26.39564 MX -265.8646 MY 11426.61
POINTLOAD "EXN" "2" F 2378.124 MX 644.0703 MY 10181.78
POINTLOAD "EXN" "6" F -2372.344 MX -582.3991 MY 10181.51
POINTLOAD "EXN" "92" F 1751.937 MX 748.0696 MY 9575.874
POINTLOAD "EXN" "100" F -1749.582 MX -683.33 MY 9588.426
POINTLOAD "EXN" "131" F 2050.38 MX 556.077 MY 9511.322
POINTLOAD "EXN" "136" F -2056.868 MX -494.3868 MY 9512.94
POINTLOAD "EXN" "153" F -100.3615 MX 132.5202 MY 6135.552
POINTLOAD "EXN" "169" F 4.808771E-02 MX -49.40813 MY 6981.406
POINTLOAD "EXN" "162" F -4.07558 MX 28.07407 MY 7854.441
POINTLOAD "EXN" "134" F -1.151451 MX 13.69184 MY 34.18397
LOAD "EYN" TYPE QUAKE SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "EYN" "1" F -719.6465 MX -4732.356 MY -439.746
POINTLOAD "EYN" "130" F 739.3183 MX -4733.465 MY 377.1615
POINTLOAD "EYN" "28" F 1785.89 MX -9158.224 MY -539.8035
POINTLOAD "EYN" "112" F -1694.028 MX -9340.149 MY 419.3755
POINTLOAD "EYN" "91" F -94.89081 MX -5610.081 MY 83.20292
POINTLOAD "EYN" "52" F 48.16867 MX -5813.284 MY -93.95374
POINTLOAD "EYN" "7" F -631.0152 MX -3360.036 MY -299.2659
POINTLOAD "EYN" "137" F 628.5078 MX -3362.888 MY 239.3783
POINTLOAD "EYN" "31" F 1196.794 MX -6526.138 MY -445.4394
POINTLOAD "EYN" "113" F -1144.234 MX -6674.516 MY 324.7989
POINTLOAD "EYN" "101" F -34.36483 MX -4017.672 MY 103.3494
POINTLOAD "EYN" "53" F 35.44497 MX -4156.642 MY -94.33426
POINTLOAD "EYN" "3" F -1079.41 MX -4408.064 MY -418.7674
POINTLOAD "EYN" "132" F 37.69237 MX -4564.6 MY 359.0369
POINTLOAD "EYN" "29" F 1074.075 MX -8386.98 MY -526.6261
POINTLOAD "EYN" "93" F 65.63799 MX -7600.705 MY 128.5984
POINTLOAD "EYN" "66" F -8.359969 MX -5114.116 MY -31.00662
POINTLOAD "EYN" "4" F -2.135391 MX -4025.231 MY -406.9998
POINTLOAD "EYN" "133" F -128.6774 MX -4531.902 MY 370.2108
POINTLOAD "EYN" "168" F 185.8564 MX 37.2326 MY -130.5718
POINTLOAD "EYN" "152" F -8.237445 MX -1188.938 MY 240.2862
POINTLOAD "EYN" "161" F 41.89578 MX -325.2846 MY -33.48977
POINTLOAD "EYN" "5" F -962.1695 MX -3881.201 MY -365.4017
POINTLOAD "EYN" "135" F 128.0522 MX -4460.472 MY 285.4249
POINTLOAD "EYN" "99" F 815.6829 MX -6633.832 MY 139.0795
POINTLOAD "EYN" "170" F 126.35 MX -7573.028 MY -224.4505
POINTLOAD "EYN" "154" F -80.48413 MX -3969.698 MY 568.1025
POINTLOAD "EYN" "163" F -13.82418 MX -7953.729 MY 482.6786
POINTLOAD "EYN" "30" F 960.4892 MX -7415.291 MY -493.524
POINTLOAD "EYN" "72" F -1120 MX -8489.02 MY -44.39611
POINTLOAD "EYN" "2" F -1181.341 MX -8594.993 MY -553.1634
POINTLOAD "EYN" "6" F -649.9355 MX -6470.969 MY -831.4719
POINTLOAD "EYN" "92" F -63.99134 MX -9091.581 MY 191.8662
POINTLOAD "EYN" "100" F -91.04488 MX -6840.003 MY 224.481
POINTLOAD "EYN" "131" F 1172.435 MX -8596.785 MY 472.7538
POINTLOAD "EYN" "136" F 690.1088 MX -6473.629 MY 675.6276
POINTLOAD "EYN" "153" F -436.5611 MX -4486.592 MY 459.2824
POINTLOAD "EYN" "169" F 7.517264 MX -2680.726 MY -137.4223
POINTLOAD "EYN" "162" F 749.8561 MX -4394.677 MY 283.1213
POINTLOAD "EYN" "134" F -345.422 MX 157.0027 MY 1.240655
LOAD "WX" TYPE WIND SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "WX" "1" F -2012.585 MX 776.2572 MY 11007.8
POINTLOAD "WX" "130" F -2139.862 MX 468.1135 MY 10411.71
POINTLOAD "WX" "28" F -3517.021 MX 881.0882 MY 21267.23
POINTLOAD "WX" "112" F -3378.208 MX 2164.527 MY 20353.42
POINTLOAD "WX" "91" F -2905.101 MX 1023.603 MY 10629.87
POINTLOAD "WX" "52" F -1143.21 MX 600.7601 MY 10745.3
POINTLOAD "WX" "7" F 1698.268 MX -802.8858 MY 10947.92
POINTLOAD "WX" "137" F 1850.563 MX -405.826 MY 10358.31
POINTLOAD "WX" "31" F 2052.538 MX -1106.599 MY 21275.75
POINTLOAD "WX" "113" F 2341.483 MX -2082.988 MY 20365.54
POINTLOAD "WX" "101" F 2339.73 MX -1028.634 MY 10605.8
POINTLOAD "WX" "53" F -255.7285 MX -515.0021 MY 10745.97
POINTLOAD "WX" "3" F -505.4689 MX 203.2213 MY 12187.74
POINTLOAD "WX" "132" F -1239.144 MX 125.4044 MY 12373.75
POINTLOAD "WX" "29" F -1850.214 MX 204.7994 MY 22125.28
POINTLOAD "WX" "93" F -1897.893 MX 404.3357 MY 19517.68
POINTLOAD "WX" "66" F -1448.069 MX 165.7094 MY 10733.7
POINTLOAD "WX" "4" F -1739.167 MX 549.4633 MY 13119.09
POINTLOAD "WX" "133" F -1771.103 MX 656.012 MY 12360.88
POINTLOAD "WX" "168" F -323.8051 MX 168.6699 MY 717.5609
POINTLOAD "WX" "152" F -646.0831 MX 901.9608 MY 5708.842
POINTLOAD "WX" "161" F -435.1251 MX 307.2354 MY 2194.562
POINTLOAD "WX" "5" F -562.5059 MX -266.7648 MY 12020.65
POINTLOAD "WX" "135" F -1315.425 MX 180.2355 MY 12197.97
POINTLOAD "WX" "99" F -1136.143 MX -311.1665 MY 18560.04
POINTLOAD "WX" "170" F -238.36 MX -203.079 MY 1861.778
POINTLOAD "WX" "154" F -519.7812 MX -865.2925 MY 13986.48
POINTLOAD "WX" "163" F -306.7459 MX 0.2589468 MY 3576.893
POINTLOAD "WX" "30" F -1695.469 MX -738.5856 MY 21946.98
POINTLOAD "WX" "72" F -2624.315 MX -64.94689 MY 24137.81
POINTLOAD "WX" "2" F 4122.698 MX 1135.799 MY 21768.42
POINTLOAD "WX" "6" F -5205.362 MX -1049.431 MY 21950.81
POINTLOAD "WX" "92" F 2923.69 MX 1290.733 MY 21063.49
POINTLOAD "WX" "100" F -4087.002 MX -1302.459 MY 20793.18
POINTLOAD "WX" "131" F 3673.337 MX 858.3896 MY 20626.04
POINTLOAD "WX" "136" F -4687.707 MX -895.6964 MY 20764.85
POINTLOAD "WX" "153" F -143.0023 MX 190.2176 MY 11901.56
POINTLOAD "WX" "169" F 1.835983 MX 4.111751 MY 2146.02
POINTLOAD "WX" "162" F -2.015084 MX 35.68681 MY 4174.831
POINTLOAD "WX" "134" F -0.5221646 MX 17.58164 MY 75.24483
LOAD "WY" TYPE WIND SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "WY" "1" F -1482.701 MX -10684.11 MY -936.2899
POINTLOAD "WY" "130" F 1622.2 MX -10701.34 MY 796.3546
POINTLOAD "WY" "28" F 3997.322 MX -20819.2 MY -1141.572
POINTLOAD "WY" "112" F -3401.035 MX -21209.04 MY 913.2907
POINTLOAD "WY" "91" F -78.38583 MX -12532.1 MY 176.8969
POINTLOAD "WY" "52" F 319.5539 MX -13123.01 MY -190.949
POINTLOAD "WY" "7" F -1307.159 MX -7835.583 MY -587.7207
POINTLOAD "WY" "137" F 1405.488 MX -7856.269 MY 492.2908
POINTLOAD "WY" "31" F 2851.767 MX -15319.46 MY -911.894
POINTLOAD "WY" "113" F -2324.72 MX -15656.24 MY 675.7964
POINTLOAD "WY" "101" F 36.03543 MX -9258.696 MY 224.1401
POINTLOAD "WY" "53" F 300.0544 MX -9692.207 MY -191.8918
POINTLOAD "WY" "3" F -2100.433 MX -10083.35 MY -887.2382
POINTLOAD "WY" "132" F 498.5515 MX -10505.73 MY 707.4617
POINTLOAD "WY" "29" F 2919.132 MX -19245.44 MY -1116.512
POINTLOAD "WY" "93" F 778.4546 MX -16951.82 MY 145.2387
POINTLOAD "WY" "66" F 471.2966 MX -11631.76 MY -78.44785
POINTLOAD "WY" "4" F 587.6213 MX -9623.151 MY -863.3175
POINTLOAD "WY" "133" F 310.7922 MX -10684.65 MY 774.6052
POINTLOAD "WY" "168" F 485.3365 MX 288.2457 MY -146.5571
POINTLOAD "WY" "152" F 268.9793 MX -1768.85 MY -68.98973
POINTLOAD "WY" "161" F 190.0776 MX -607.5426 MY 121.0396
POINTLOAD "WY" "5" F -1876.652 MX -8986.691 MY -698.8187
POINTLOAD "WY" "135" F 667.9707 MX -10531.65 MY 642.059
POINTLOAD "WY" "99" F 2149.597 MX -14956.96 MY 439.7773
POINTLOAD "WY" "170" F 356.4679 MX -17288.11 MY -734.3126
POINTLOAD "WY" "154" F 4.40375 MX -9216.81 MY 1041.554
POINTLOAD "WY" "163" F 206.0394 MX -18180.54 MY 747.6814
POINTLOAD "WY" "30" F 2679.011 MX -17184.31 MY -969.1401
POINTLOAD "WY" "72" F -1537.578 MX -19777.9 MY 74.18316
POINTLOAD "WY" "2" F -2227.486 MX -19752.77 MY -1135.573
POINTLOAD "WY" "6" F -1206.159 MX -15286.77 MY -1750.225
POINTLOAD "WY" "92" F 96.44677 MX -20796.12 MY 352.2405
POINTLOAD "WY" "100" F 33.61533 MX -16078.45 MY 533.3837
POINTLOAD "WY" "131" F 2566.819 MX -19734.93 MY 1047.344
POINTLOAD "WY" "136" F 1638.917 MX -15272.36 MY 1379.977
POINTLOAD "WY" "153" F -974.5957 MX -10043.19 MY 826.5106
POINTLOAD "WY" "169" F 14.99945 MX -5660.716 MY -373.6067
POINTLOAD "WY" "162" F 1683.426 MX -9852.536 MY 505.0565
POINTLOAD "WY" "134" F -773.8689 MX 352.7093 MY 1.776464
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"
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
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  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  "9"  597.5  942.5  807.5  942.5  807.5  1040  597.5  1040
  XSTRIP  "10"  807.5  942.5  597.5  942.5  597.5  600  807.5  600
  XSTRIP  "11"  362.5  417.5  807.5  417.5  807.5  600  362.5  600
  XSTRIP  "12"  807.5  417.5  362.5  417.5  362.5  0  807.5  0
  XSTRIP  "13"  362.5  417.5  362.5  600  0  600  0  417.5
  XSTRIP  "14"  807.5  600  807.5  417.5  1170  417.5  1170  600
  XSTRIP  "15"  362.5  417.5  0  417.5  0  0  362.5  0
  XSTRIP  "16"  1170  417.5  807.5  417.5  807.5  0  1170  0
  YSTRIP  "17"  597.5  942.5  807.5  942.5  807.5  1040  597.5  1040
  YSTRIP  "18"  807.5  942.5  597.5  942.5  597.5  600  807.5  600
  YSTRIP  "19"  362.5  417.5  807.5  417.5  807.5  600  362.5  600
  YSTRIP  "20"  807.5  417.5  362.5  417.5  362.5  0  807.5  0
  YSTRIP  "21"  362.5  417.5  362.5  600  0  600  0  417.5
  YSTRIP  "22"  807.5  600  807.5  417.5  1170  417.5  1170  600
  YSTRIP  "23"  362.5  417.5  0  417.5  0  0  362.5  0
  YSTRIP  "24"  1170  417.5  807.5  417.5  807.5  0  1170  0
$ GROUPS
  END
$ END OF MODEL FILE
```

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
9	97.500	597.500	3.525	3.525		
9	97.500	650.000	7.051	7.051		
9	97.500	702.500	7.051	7.051		
9	97.500	755.000	7.051	7.051		
9	97.500	807.500	3.525	3.525		
10	342.500	597.500	24.768	24.768		
10	342.500	650.000	24.768	24.768	0.000	0.000
10	342.500	702.500	24.768	24.768	0.000	0.000
10	342.500	755.000	24.768	24.768	0.000	0.000
10	342.500	807.500	24.768	24.768		
14	182.500	807.500	13.198	13.198		
14	182.500	888.333	13.198	13.198	13.198	13.198
14	182.500	969.167	13.198	13.198	13.198	13.198
14	182.500	1050.000	13.198	13.198	13.198	13.198
14	182.500	1110.000	13.198	13.198	13.198	13.198
14	182.500	1170.000	13.198	13.198		
13	182.500	0.000	13.198	13.198		
13	182.500	60.000	13.198	13.198	13.198	13.198
13	182.500	120.000	13.198	13.198	13.198	13.198
13	182.500	200.833	13.198	13.198	13.198	13.198
13	182.500	281.667	13.198	13.198	13.198	13.198
13	182.500	362.500	13.198	13.198		
11	182.500	362.500	13.198	13.198		
11	182.500	440.833	13.198	13.198	0.000	0.000
11	182.500	519.167	13.198	13.198	0.000	
11	182.500	597.500	13.198	13.198	0.000	0.000
11	182.500	650.000	13.198	13.198	0.000	0.000
11	182.500	702.500	13.198	13.198	0.000	0.000
11	182.500	755.000	13.198	13.198	13.198	0.000
11	182.500	807.500	13.198	13.198		
16	417.500	807.500	30.192	30.192		
16	417.500	888.333	30.192	30.192	30.192	30.192
16	417.500	969.167	30.192	30.192	30.192	30.192
16	417.500	1050.000	30.192	30.192	30.192	30.192
16	417.500	1110.000	30.192	30.192	30.192	30.192
16	417.500	1170.000	30.192	30.192		
15	417.500	0.000	30.192	30.192		
15	417.500	60.000	30.192	30.192	30.192	30.192
15	417.500	120.000	30.192	30.192	30.192	30.192
15	417.500	200.833	30.192	30.192	30.192	30.192
15	417.500	281.667	30.192	30.192	30.192	30.192
15	417.500	362.500	30.192	30.192		
12	417.500	362.500	30.192	30.192		
12	417.500	440.833	30.192	30.192	0.000	0.000
12	417.500	519.167	30.192	30.192		
12	417.500	597.500	30.192	30.192	0.000	0.000
12	417.500	650.000	30.192	30.192	0.000	
12	417.500	702.500	30.192	30.192	0.000	0.000
12	417.500	755.000	30.192	30.192	30.192	30.192
12	417.500	807.500	30.192	30.192		

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
21	362.500	417.500	26.214	26.214		
21	362.500	480.000	26.214	26.214	26.214	26.214
21	362.500	540.000	26.214	26.214	26.214	26.214
21	362.500	600.000	26.214	26.214		
23	362.500	0.000	26.214	26.214		
23	362.500	60.000	26.214	26.214	26.214	26.214
23	362.500	120.000	26.214	26.214	26.214	26.214
23	362.500	180.000	26.214	26.214	0.000	0.000
23	362.500	240.000	26.214	26.214		
23	362.500	300.000	26.214	26.214		
23	362.500	358.750	26.214	26.214		
23	362.500	417.500	26.214	26.214		
19	445.000	417.500	32.181	32.181	0.000	
19	445.000	480.000	32.181	32.181	0.000	
19	445.000	540.000	32.181	32.181	0.000	0.000
19	445.000	600.000	32.181	32.181		
20	445.000	0.000	32.181	32.181		
20	445.000	60.000	32.181	32.181	32.181	32.181
20	445.000	120.000	32.181	32.181	0.000	0.000
20	445.000	180.000	32.181	32.181	0.000	0.000
20	445.000	240.000	32.181	32.181		
20	445.000	300.000	32.181	32.181		
20	445.000	358.750	32.181	32.181		
20	445.000	417.500	32.181	0.000		
17	210.000	942.500	15.186	0.000		
17	210.000	1040.000	0.000	15.186		
18	210.000	600.000	15.186	15.186		
18	210.000	674.533	15.186	15.186	0.000	0.000
18	210.000	749.067	15.186	15.186		
18	210.000	823.600	15.186	15.186	0.000	0.000
18	210.000	883.050	15.186	15.186		
18	210.000	942.500	15.186	0.000		
22	362.500	417.500	26.214	0.000		
22	362.500	480.000	26.214	26.214	26.214	26.214
22	362.500	540.000	26.214	26.214	26.214	26.214
22	362.500	600.000	26.214	26.214		
24	362.500	0.000	26.214	26.214		
24	362.500	60.000	26.214	26.214	26.214	26.214
24	362.500	120.000	26.214	26.214	26.214	26.214
24	362.500	180.000	26.214	26.214	0.000	0.000
24	362.500	240.000	26.214	26.214		
24	362.500	300.000	26.214	26.214		
24	362.500	358.750	26.214	26.214		
24	362.500	417.500	26.214	0.000		

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
B1	0.000	0.000	0.191	0.056	0.000			
B1	60.000	0.000	0.751	0.755	0.427	0.314	0.000	0.000
B1	120.000	0.000	1.462	1.548	1.014	1.023	0.000	0.000
B1	200.833	0.000	1.230	1.247	0.449	0.464	0.000	0.000
B1	281.667	0.000	0.865	0.873	0.242	0.255	0.000	0.000
B1	362.500	0.000	0.384	0.166	0.000			
B5	362.500	0.000	0.569	0.282	0.000			
B5	440.833	0.000	0.520	0.538	0.058	0.054	0.000	0.000
B5	519.167	0.000	0.389	0.390	0.000	0.000	0.000	0.000
B5	597.500	0.000	0.202	0.194	0.306	0.381	0.000	0.000
B5	650.000	0.000	0.283	0.275	0.000	0.000	0.000	0.000
B5	702.500	0.000	0.467	0.374	0.000	0.000	0.000	0.000
B5	755.000	0.000	0.520	0.484	0.134	0.146	0.000	0.000
B5	807.500	0.000	0.578	0.278	0.000			
B8	807.500	0.000	0.363	0.207	0.000			
B8	888.333	0.000	0.855	0.836	0.262	0.247	0.000	0.000
B8	969.167	0.000	1.246	1.224	0.463	0.446	0.000	0.000
B8	1050.000	0.000	1.574	1.486	1.011	1.001	0.000	0.000
B8	1110.000	0.000	0.763	0.759	0.310	0.422	0.000	0.000
B8	1170.000	0.000	0.190	0.051	0.000			
B38	0.000	0.000	0.202	0.062	0.000			
B38	0.000	60.000	0.567	0.549	0.249	0.107	0.000	0.000
B38	0.000	120.000	1.028	1.128	0.609	0.608	0.000	0.000
B38	0.000	180.000	0.966	0.970	0.151	0.125	0.000	0.000
B38	0.000	240.000	0.674	0.724	0.000	0.000	0.000	0.000
B38	0.000	300.000	0.683	0.645	0.000	0.000	0.000	0.000
B38	0.000	358.750	0.697	0.702	0.000	0.000	0.000	0.000
B38	0.000	417.500	0.756	0.202	0.000			
B39	362.500	0.000	0.135	0.000	0.000			
B39	362.500	60.000	0.457	0.462	0.108	0.000	0.000	0.000
B39	362.500	120.000	0.617	0.700	0.174	0.154	0.000	0.000
B39	362.500	180.000	0.879	0.909	0.000	0.000	0.000	0.000
B39	362.500	240.000	0.839	0.892	0.000	0.000	0.000	0.000
B39	362.500	300.000	0.607	0.609	0.000	0.000	0.000	0.000
B39	362.500	358.750	0.650	0.611	0.000	0.000	0.000	0.000
B39	362.500	417.500	0.365	0.000	0.000			
B41	807.500	0.000	0.133	0.052	0.000			
B41	807.500	60.000	0.451	0.482	0.094	0.000	0.000	0.000
B41	807.500	120.000	0.600	0.700	0.157	0.169	0.000	0.000
B41	807.500	180.000	0.823	0.894	0.000	0.000	0.000	0.000
B41	807.500	240.000	0.745	0.805	0.000	0.000	0.000	0.000
B41	807.500	300.000	0.420	0.393	0.000	0.000	0.000	0.000
B41	807.500	358.750	0.631	0.508	0.000	0.000	0.000	0.000
B41	807.500	417.500	0.524	0.000	0.000			
B42	1170.000	0.000	0.197	0.062	0.000			
B42	1170.000	60.000	0.506	0.497	0.219	0.085	0.000	0.000
B42	1170.000	120.000	0.888	0.976	0.542	0.538	0.000	0.000
B42	1170.000	180.000	0.879	0.884	0.121	0.097	0.000	0.000
B42	1170.000	240.000	0.628	0.669	0.000	0.000	0.000	0.000
B42	1170.000	300.000	0.647	0.607	0.000	0.000	0.000	0.000
B42	1170.000	358.750	0.637	0.643	0.000	0.000	0.000	0.000
B42	1170.000	417.500	0.722	0.172	0.000			
B76	0.000	417.500	0.000	0.000	0.000			
B76	60.000	417.500	0.724	0.670	0.388	0.268	0.000	0.000
B76	120.000	417.500	1.218	1.223	0.698	0.680	0.000	0.000
B76	200.833	417.500	1.158	1.156	0.393	0.416	0.000	0.000
B76	281.667	417.500	0.833	0.837	0.315	0.327	0.000	0.000
B76	362.500	417.500	0.380	0.460	0.000			
B79	362.500	417.500	0.394	0.499	0.000			
B79	440.833	417.500	0.484	0.458	0.000	0.000	0.000	0.000
B79	519.167	417.500	0.504	0.514	0.000	0.000	0.000	0.000
B79	597.500	417.500	0.554	0.575	0.000	0.000	0.000	0.000
B79	650.000	417.500	0.555	0.551	0.000	0.000	0.000	0.000
B79	702.500	417.500	0.535	0.521	0.000	0.000	0.000	0.000
B79	755.000	417.500	0.441	0.468	0.130	0.123	0.000	0.000
B79	807.500	417.500	0.428	0.427	0.000			
B81	807.500	417.500	0.389	0.371	0.000			
B81	888.333	417.500	0.823	0.825	0.308	0.278	0.000	0.000
B81	969.167	417.500	1.135	1.146	0.396	0.371	0.000	0.000
B81	1050.000	417.500	1.208	1.203	0.670	0.687	0.000	0.000
B81	1110.000	417.500	0.660	0.714	0.260	0.384	0.000	0.000
B81	1170.000	417.500	0.000	0.000	0.000			
B96	0.000	417.500	0.688	0.156	0.000			
B96	0.000	480.000	0.875	0.858	0.584	0.595	0.000	0.000
B96	0.000	540.000	0.387	0.476	0.091	0.238	0.000	0.000
B96	0.000	600.000	0.153	0.081	0.000			
B97	362.500	417.500	0.313	0.000	0.000			
B97	362.500	480.000	0.484	0.450	0.000	0.000	0.000	0.000
B97	362.500	540.000	0.366	0.350	0.000	0.000	0.000	0.000
B97	362.500	600.000	0.000	0.077	0.000			
B99	807.500	417.500	0.438	0.000	0.000			
B99	807.500	480.000	0.491	0.459	0.000	0.000	0.000	0.000
B99	807.500	540.000	0.377	0.412	0.000	0.000	0.000	0.000
B99	807.500	600.000	0.127	0.000	0.000			
B100	1170.000	417.500	0.627	0.091	0.000			
B100	1170.000	480.000	0.789	0.781	0.466	0.482	0.000	0.000
B100	1170.000	540.000	0.338	0.434	0.000	0.184	0.000	0.000
B100	1170.000	600.000	0.147	0.087	0.000			
B111	0.000	600.000	0.166	0.091	0.000			
B111	60.000	600.000	0.741	0.717	0.473	0.371	0.000	0.000
B111	120.000	600.000	1.431	1.495	1.073	1.087	0.000	0.000
B111	200.833	600.000	1.210	1.212	0.565	0.562	0.000	0.000
B111	281.667	600.000	0.839	0.823	0.336	0.329	0.000	0.000
B111	362.500	600.000	0.382	0.329	0.000			
B113	362.500	600.000	0.463	0.410	0.000			
B113	440.833	600.000	0.473	0.467	0.000	0.000	0.000	0.000
B113	519.167	600.000	0.550	0.605	0.000	0.000	0.000	0.000
B113	597.500	600.000	0.612	0.302	0.100	0.062	0.000	0.000
B113	650.000	600.000	0.607	0.478	0.000	0.000	0.000	0.000
B113	702.500	600.000	0.601	0.585	0.000	0.000	0.000	0.000
B113	755.000	600.000	0.469	0.528	0.000	0.000	0.000	0.000
B113	807.500	600.000	0.282	0.098	0.000			
B115	807.500	600.000	0.475	0.127	0.000			
B115	888.333	600.000	0.844	0.884	0.208	0.258	0.000	0.000
B115	969.167	600.000	1.217	1.217	0.534	0.539	0.000	0.000
B115	1050.000	600.000	1.463	1.405	1.092	1.079	0.000	0.000
B115	1110.000	600.000	0.705	0.731	0.382	0.479	0.000	0.000
B115	1170.000	600.000	0.151	0.090	0.000			
B126	597.500	600.000	0.235	0.228	0.000			
B126	597.500	674.533	0.346	0.412	0.000	0.000	0.000	0.000
B126	597.500	749.067	0.629	0.610	0.000	0.000	0.000	0.000
B126	597.500	823.600	0.602	0.573	0.000	0.000	0.000	0.000
B126	597.500	883.050	0.521	0.488	0.000	0.000	0.000	0.000
B126	597.500	942.500	0.283	0.211	0.000	0.000	0.000	0.000
B126	597.500	1040.000	0.000	0.070	0.000			
B127	807.500	600.000	0.371	0.174	0.000			
B127	807.500	674.533	0.496	0.440	0.000	0.000	0.000	0.000
B127	807.500	749.067	0.645	0.627	0.000	0.000	0.000	0.000
B127	807.500	823.600	0.616	0.567	0.000	0.000	0.000	0.000
B127	807.500	883.050	0.542	0.532	0.000	0.000	0.000	0.000
B127	807.500	942.500	0.351	0.235	0.000	0.000	0.000	0.000
B127	807.500	1040.000	0.000	0.063	0.000			
B132	597.500	942.500	0.000	0.000	0.000			
B132	650.000	942.500	0.171	0.190	0.000	0.000	0.000	0.000
B132	702.500	942.500	0.275	0.286	0.000	0.000	0.000	0.000
B132	755.000	942.500	0.185	0.183	0.000	0.000	0.000	0.000
B132	807.500	942.500	0.000	0.000	0.000			
B139	597.500	1040.000	0.000	0.000	0.000			
B139	650.000	1040.000	0.159	0.179	0.000	0.000	0.000	0.000
B139	702.500	1040.000	0.179	0.175	0.000	0.000	0.000	0.000
B139	755.000	1040.000	0.175	0.150	0.000	0.000	0.000	0.000
B139	807.500	1040.000	0.000	0.000	0.000			

X - S T R I P D E S I G N M O M E N T S

X-STRIP ID	STRIP WIDTH	STATION X-ORDINATE	TOP-MOMEMT LEFT OF X	TOP-MOMEMT RIGHT OF X	BOT-MOMEMT LEFT OF X	BOT-MOMEMT RIGHT OF X
9	97.500	597.500	-7129.238	5016.277		

				BASE25		BASE37			
9	97.500	650.000	-26461.966	-30447.958					
			BASE23	BASE25					
9	97.500	702.500	-32760.257	-33987.316					
			BASE30	BASE30					
9	97.500	755.000	-29250.485	-26515.806					
			BASE29	BASE23					
9	97.500	807.500	-6730.244	3778.037					
			BASE29	BASE33					
10	342.500	597.500	-100412.060	69578.896					
			BASE25	BASE25					
10	342.500	650.000	-194422.521	-207629.159	13878.943	17629.546			
			BASE26	BASE28	BASE37	BASE37			
10	342.500	702.500	-254554.147	-254087.584	10096.730	7573.225			
			BASE26	BASE26	BASE37	BASE37			
10	342.500	755.000	-204375.096	-191714.130	18698.862	20436.547			
			BASE26	BASE28	BASE37	BASE37			
10	342.500	807.500	-70369.900	61730.221					
			BASE25	BASE29					
14	182.500	807.500	-121993.999	58480.916					
			BASE25	BASE29					
14	182.500	888.333	-253676.286	-254795.769	65470.971	70332.197			
			BASE25	BASE25	BASE37	BASE37			
14	182.500	969.167	-338206.869	-349453.074	119749.818	131757.988			
			BASE25	BASE25	BASE37	BASE37			
14	182.500	1050.000	-356379.056	-356485.254	193713.506	189642.155			
			BASE25	BASE25	BASE37	BASE37			
14	182.500	1110.000	-209645.146	-225307.035	95188.896	103607.890			
			BASE25	BASE25	BASE37	BASE37			
14	182.500	1170.000	-24126.756	32277.939					
			BASE34	BASE30					
13	182.500	0.000	-26754.020	36384.920					
			BASE36	BASE32					
13	182.500	60.000	-228538.713	-212369.883	102393.565	93885.072			
			BASE29	BASE29	BASE33	BASE33			
13	182.500	120.000	-360952.455	-361808.008	189459.543	193682.545			
			BASE29	BASE29	BASE33	BASE33			
13	182.500	200.833	-349909.508	-340306.652	137057.158	126348.224			
			BASE29	BASE29	BASE33	BASE33			
13	182.500	281.667	-248139.426	-244541.559	86247.227	81757.894			
			BASE29	BASE29	BASE33	BASE33			
13	182.500	362.500	-115680.328	88703.767					
			BASE37	BASE25					
11	182.500	362.500	-123420.097	99225.956					
			BASE37	BASE25					
11	182.500	440.833	-142900.638	-140506.212	4815.556	4618.899			
			BASE29	BASE31	BASE33	BASE33			
11	182.500	519.167	-160257.970	-158912.511	343.639				
			BASE28	BASE28	BASE37				
11	182.500	597.500	-177583.392	-157943.612	15507.616	1348.019			
			BASE28	BASE28	BASE37	BASE40			
11	182.500	650.000	-173717.886	-168143.122	960.560	1317.780			
			BASE28	BASE28	BASE37	BASE37			
11	182.500	702.500	-171180.819	-160451.739	5599.001	59.597			
			BASE25	BASE25	BASE37	BASE37			
11	182.500	755.000	-154362.126	-150052.203	16330.846	11011.609			
			BASE25	BASE25	BASE37	BASE37			
11	182.500	807.500	-123624.256	55315.684					
			BASE25	BASE37					
16	417.500	807.500	-246205.129	252760.009					
			BASE35	BASE31					
16	417.500	888.333	-586967.814	-585519.528	142554.194	138687.192			
			BASE27	BASE27	BASE39	BASE39			
16	417.500	969.167	-812004.584	-804533.592	179126.402	173330.376			
			BASE27	BASE27	BASE39	BASE39			
16	417.500	1050.000	-808565.891	-783959.669	254377.202	218627.975			
			BASE27	BASE27	BASE39	BASE39			
16	417.500	1110.000	-515445.080	-496453.047	152419.944	122270.582			
			BASE27	BASE27	BASE39	BASE39			
16	417.500	1170.000	-68647.819	102295.440					
			BASE33	BASE29					
15	417.500	0.000	-69059.805	102360.958					
			BASE37	BASE25					
15	417.500	60.000	-492811.486	-511777.553	124819.693	154676.211			
			BASE31	BASE31	BASE35	BASE35			
15	417.500	120.000	-780007.404	-803201.672	223216.283	258609.687			
			BASE31	BASE31	BASE35	BASE35			
15	417.500	200.833	-807190.043	-812550.896	177956.715	182722.099			
			BASE31	BASE31	BASE35	BASE35			
15	417.500	281.667	-600445.434	-602648.342	140913.548	141945.612			
			BASE31	BASE31	BASE35	BASE35			
15	417.500	362.500	-261389.478	219214.215					
			BASE39	BASE27					
12	417.500	362.500	-282427.619	239686.398					
			BASE39	BASE27					
12	417.500	440.833	-368201.110	-371120.377	4732.283	7393.777			
			BASE31	BASE31	BASE33	BASE33			
12	417.500	519.167	-374352.998	-378674.203					
			BASE31	BASE29					
12	417.500	597.500	-342443.462	-347458.791	20315.169	12249.690			
			BASE23	BASE23	BASE23	BASE23			
12	417.500	650.000	-364408.117	-371342.313	211.156				
			BASE27	BASE27	BASE28				
12	417.500	702.500	-368650.939	-379944.034	1664.771	387.045			
			BASE27	BASE27	BASE31	BASE39			
12	417.500	755.000	-319541.448	-323047.490	66417.530	61583.131			
			BASE27	BASE27	BASE39	BASE39			
12	417.500	807.500	-274670.433	293930.308					
			BASE35	BASE31					

Y - S T R I P D E S I G N M O M E N T S

Y-STRIP ID	STRIP WIDTH	STATION Y-ORDINATE	TOP-MOMEMT LEFT OF Y	TOP-MOMEMT RIGHT OF Y	BOT-MOMEMT LEFT OF Y	BOT-MOMEMT RIGHT OF Y
21	362.500	417.500	-281673.227	41156.177		
		BASE28	BASE40			
21	362.500	480.000	-337320.592	-355564.645	66332.949	69446.487
		BASE28	BASE28	BASE40	BASE40	
21	362.500	540.000	-238035.149	-261704.402	56179.173	65170.863
		BASE28	BASE28	BASE40	BASE40	
21	362.500	600.000	-67461.183	74465.058		
		BASE32	BASE25			
23	362.500	0.000	-84949.767	78901.834		
		BASE31	BASE35			
23	362.500	60.000	-316866.258	-314612.176	57238.574	56411.367
		BASE32	BASE32	BASE36	BASE36	
23	362.500	120.000	-490673.727	-495605.594	75589.038	74470.101
		BASE32	BASE32	BASE36	BASE36	
23	362.500	180.000	-548886.183	-542347.282	17387.644	13731.326
		BASE32	BASE32	BASE36	BASE36	
23	362.500	240.000	-503570.917	-500082.925		
		BASE32	BASE32			
23	362.500	300.000	-406894.475	-418216.377		
		BASE32	BASE25			
23	362.500	358.750	-337930.775	-357012.960		
		BASE25	BASE28			
23	362.500	417.500	-261808.847	39120.280		
		BASE28	BASE40			
19	445.000	417.500	-332468.364	7916.226		
		BASE30	BASE34			
19	445.000	480.000	-349673.070	-346375.461	2952.049	
		BASE23	BASE23	BASE34		
19	445.000	540.000	-269170.360	-257284.851	8693.204	6753.204
		BASE28	BASE23	BASE40	BASE33	
19	445.000	600.000	-118832.529	60092.727		
		BASE28	BASE25			
20	445.000	0.000	-89400.391	141338.511		
		BASE39	BASE26			
20	445.000	60.000	-350113.826	-344443.566	41091.345	50036.522
		BASE32	BASE32	BASE28	BASE36	
20	445.000	120.000	-527426.922	-533123.708	24145.588	36651.633
		BASE32	BASE32	BASE34	BASE36	
20	445.000	180.000	-622446.343	-620484.927	2711.063	768.340
		BASE32	BASE32	BASE36	BASE36	
20	445.000	240.000	-598847.586	-596671.841		
		BASE32	BASE32			
20	445.000	300.000	-487142.928	-497144.879		
		BASE23	BASE32			
20	445.000	358.750	-435521.382	-443730.623		
		BASE23	BASE30			
20	445.000	417.500	-299945.832	2182.044		
		BASE23	BASE34			
17	210.000	942.500	-71463.329	2396.869		
		BASE26	BASE38			
17	210.000	1040.000	-15226.519	20256.801		
		BASE26	BASE38			
18	210.000	600.000	-97382.931	42366.678		
		BASE25	BASE25			
18	210.000	674.533	-150700.245	-135178.332	8036.479	58.037
		BASE28	BASE28	BASE25	BASE38	
18	210.000	749.067	-205369.753	-208410.834		
		BASE26	BASE26			
18	210.000	823.600	-220043.935	-214376.752	10407.991	1011.555
		BASE26	BASE26	BASE38	BASE38	
18	210.000	883.050	-177629.046	-181577.663		
		BASE26	BASE26			
18	210.000	942.500	-80288.689	3082.804		
		BASE26	BASE38			
22	362.500	417.500	-234444.142	22657.170		
		BASE26	BASE38			
22	362.500	480.000	-299394.073	-314237.855	42021.225	44092.784
		BASE26	BASE26	BASE38	BASE38	
22	362.500	540.000	-217417.825	-239499.825	35196.649	50304.113
		BASE26	BASE26	BASE38	BASE38	
22	362.500	600.000	-89045.984	84049.048		
		BASE33	BASE29			
24	362.500	0.000	-83367.384	80077.784		
		BASE27	BASE39			
24	362.500	60.000	-296543.823	-295878.524	45285.190	46860.684
		BASE30	BASE30	BASE34	BASE34	
24	362.500	120.000	-452757.517	-456873.447	59123.867	60889.386
		BASE30	BASE30	BASE34	BASE34	
24	362.500	180.000	-503062.883	-495172.942	11365.568	7607.200
		BASE30	BASE30	BASE34	BASE34	
24	362.500	240.000	-449388.075	-444889.098		
		BASE30	BASE30			
24	362.500	300.000	-356270.665	-365707.669		
		BASE31	BASE29			
24	362.500	358.750	-308972.755	-321967.064		
		BASE23	BASE29			
24	362.500	417.500	-223516.412	21937.713		
		BASE26	BASE38			

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
B1	0.000	0.000	-17335.950	5042.389	1030.59			
B1	60.000	0.000	-67913.538	-68320.978	38667.533	28493.667	1030.59	1098.89
B1	120.000	0.000	-131948.173	-139650.440	91671.526	92484.713	1098.89	748.59
B1	200.833	0.000	-111139.083	-112602.341	40714.565	42044.410	748.59	425.17
B1	281.667	0.000	-78234.625	-78967.083	21937.463	23155.363	425.17	546.08
B1	362.500	0.000	-34825.853	15061.803	546.08			
B5	362.500	0.000	-51504.171	25551.257	377.28			
B5	440.833	0.000	-47069.961	-48753.372	5238.356	4911.064	377.28	234.35
B5	519.167	0.000	-35220.110	-35344.175	0.000	0.000	234.35	661.65
B5	597.500	0.000	-18323.708	-17570.627	27732.587	34474.382	661.65	902.53
B5	650.000	0.000	-25651.816	-24882.059	0.000	1230.380	902.53	452.23
B5	702.500	0.000	-42304.999	-33922.559	346.148	2411.284	452.23	251.47
B5	755.000	0.000	-47124.955	-43861.634	12126.414	13241.088	251.47	364.78
B5	807.500	0.000	-52350.438	25187.591	364.78			
B8	807.500	0.000	-32849.082	18805.158	582.87			
B8	888.333	0.000	-77380.323	-75619.876	23709.406	22411.449	582.87	456.50
B8	969.167	0.000	-112520.504	-110588.157	41948.354	40434.587	456.50	714.74
B8	1050.000	0.000	-142008.698	-134112.549	91370.261	90483.272	714.74	1104.27
B8	1110.000	0.000	-69038.898	-68686.819	28089.076	38228.965	1104.27	1041.00
B8	1170.000	0.000	-17225.836	4661.679	1041.00			
B38	0.000	0.000	-18305.357	5604.332	802.63			
B38	0.000	60.000	-51347.178	-49722.987	22548.920	9678.372	802.63	864.79
B38	0.000	120.000	-92930.728	-101959.682	55124.122	55051.905	864.79	833.10
B38	0.000	180.000	-87326.699	-87741.250	13678.671	11295.331	833.10	445.14
B38	0.000	240.000	-61032.599	-65541.172	0.000	0.000	445.14	563.95
B38	0.000	300.000	-61806.887	-58384.991	0.000	0.000	563.95	378.09
B38	0.000	358.750	-63091.868	-63514.745	0.000	0.000	378.09	745.52
B38	0.000	417.500	-68388.808	18332.221	745.52			
B39	362.500	0.000	-12242.174	4513.352	656.14			
B39	362.500	60.000	-41350.481	-41888.237	9814.653	0.000	656.14	508.49
B39	362.500	120.000	-55856.597	-63352.942	15769.683	13948.089	508.49	714.23
B39	362.500	180.000	-79527.426	-82228.559	0.000	0.000	714.23	226.94
B39	362.500	240.000	-75915.772	-80661.929	0.000	0.000	226.94	509.73
B39	362.500	300.000	-54915.828	-55174.315	0.000	0.000	509.73	201.54
B39	362.500	358.750	-58878.481	-55326.319	0.000	0.000	201.54	470.67
B39	362.500	417.500	-33081.731	0.000	470.67			
B41	807.500	0.000	-12053.951	4714.160	620.36			
B41	807.500	60.000	-40853.691	-43672.520	8500.717	0.000	620.36	443.97
B41	807.500	120.000	-54340.833	-63341.755	14242.558	15360.916	443.97	760.26
B41	807.500	180.000	-74408.793	-80890.536	0.000	0.000	760.26	290.30
B41	807.500	240.000	-67446.995	-72836.137	0.000	0.000	290.30	935.60
B41	807.500	300.000	-38019.717	-35583.374	0.000	0.000	935.60	660.16
B41	807.500	358.750	-57111.406	-45993.364	0.000	0.000	660.16	270.36
B41	807.500	417.500	-47472.444	0.000	270.36			
B42	1170.000	0.000	-17881.203	5665.429	715.45			
B42	1170.000	60.000	-45802.841	-44983.160	19844.939	7729.663	715.45	827.80
B42	1170.000	120.000	-80290.896	-88234.955	49043.596	48712.835	827.80	791.87
B42	1170.000	180.000	-79469.442	-79925.072	10972.781	8782.306	791.87	384.29
B42	1170.000	240.000	-56867.713	-60536.754	0.000	0.000	384.29	534.13
B42	1170.000	300.000	-58582.616	-54958.808	0.000	0.000	534.13	324.60
B42	1170.000	358.750	-57683.980	-58215.928	0.000	0.000	324.60	716.18
B42	1170.000	417.500	-65302.825	15624.513	716.18			
B76	0.000	417.500	-319.297	2878.405	1088.72			
B76	60.000	417.500	-65480.417	-60640.633	35137.951	24256.954	1088.72	823.13
B76	120.000	417.500	-110028.553	-110440.779	63171.822	61588.562	823.13	409.34
B76	200.833	417.500	-104632.425	-104452.002	35598.528	37674.597	409.34	360.85
B76	281.667	417.500	-75310.981	-75710.332	28578.535	29665.607	360.85	660.49
B76	362.500	417.500	-34400.129	41678.950	660.49			
B79	362.500	417.500	-35705.629	45199.966	633.97			
B79	440.833	417.500	-43805.623	-41463.453	4066.122	4466.153	633.97	396.59
B79	519.167	417.500	-45626.953	-46529.430	0.000	0.000	396.59	214.56
B79	597.500	417.500	-50187.880	-52062.601	0.000	0.000	214.56	238.19
B79	650.000	417.500	-50265.878	-49889.481	0.000	0.000	238.19	351.48
B79	702.500	417.500	-48404.700	-47217.938	0.000	0.000	351.48	475.29
B79	755.000	417.500	-39953.926	-42377.350	11746.647	11126.324	475.29	607.60
B79	807.500	417.500	-38740.617	38645.363	607.60			
B81	807.500	417.500	-35203.177	33638.528	591.99			
B81	888.333	417.500	-74493.623	-74630.427	27874.446	25215.355	591.99	345.16
B81	969.167	417.500	-102531.183	-103583.395	35916.072	33621.848	345.16	425.73
B81	1050.000	417.500	-109154.475	-108650.959	60602.731	62174.231	425.73	814.58
B81	1110.000	417.500	-59776.407	-64655.727	23535.961	34749.728	814.58	1076.70
B81	1170.000	417.500	-284.899	2494.588	1076.70			
B96	0.000	417.500	-62244.087	14153.585	736.33			
B96	0.000	480.000	-79111.189	-77628.183	52872.533	53878.450	736.33	826.86
B96	0.000	540.000	-35094.118	-43093.249	8239.294	21583.293	826.86	798.65

B96	0.000	600.000	-13862.519		7345.544		798.65		
B97	362.500	417.500		-28329.208		0.000		365.00	
B97	362.500	480.000	-43820.989	-40763.783	0.000	0.000	365.00	163.50	
B97	362.500	540.000	-33119.372	-31700.927	0.000	0.000	163.50	571.35	
B97	362.500	600.000	-4355.632		6963.327		571.35		
B99	807.500	417.500		-39665.341		1599.749		486.02	
B99	807.500	480.000	-44430.682	-41554.457	0.000	0.000	486.02	213.77	
B99	807.500	540.000	-34195.584	-37314.808	0.000	0.000	213.77	475.51	
B99	807.500	600.000	-11538.038		0.000		475.51		
B100	1170.000	417.500		-56789.380		8255.978		641.55	
B100	1170.000	480.000	-71358.991	-70651.275	42243.418	43670.437	641.55	703.87	
B100	1170.000	540.000	-30584.040	-39307.234	3890.774	16708.732	703.87	763.64	
B100	1170.000	600.000	-13370.134		7888.383		763.64		
B111	0.000	600.000		-15036.601		8232.654		1075.46	
B111	60.000	600.000	-67034.775	-64925.253	42796.442	33647.645	1075.46	1114.93	
B111	120.000	600.000	-129223.597	-134940.743	96974.123	98278.993	1114.93	676.46	
B111	200.833	600.000	-109352.732	-109493.101	51136.565	50851.458	676.46	415.65	
B111	281.667	600.000	-75894.946	-74414.295	30432.147	29840.508	415.65	603.32	
B111	362.500	600.000	-34612.691		29853.946		603.32		
B113	362.500	600.000		-41979.560		37183.192		545.62	
B113	440.833	600.000	-42836.899	-42302.579	2151.850	20.311	545.62	325.61	
B113	519.167	600.000	-49823.648	-54737.484	0.000	0.000	325.61	359.27	
B113	597.500	600.000	-55435.133	-27347.872	9066.094	5667.631	359.27	651.37	
B113	650.000	600.000	-54986.048	-43336.818	0.000	0.000	651.37	287.84	
B113	702.500	600.000	-54448.414	-52982.253	0.000	0.000	287.84	295.31	
B113	755.000	600.000	-42492.762	-47800.198	0.000	999.679	295.31	559.74	
B113	807.500	600.000	-25593.793		8866.590		559.74		
B115	807.500	600.000		-43023.443		11472.096		537.28	
B115	888.333	600.000	-76356.703	-79983.979	18853.003	23408.611	537.28	370.43	
B115	969.167	600.000	-109926.999	-109909.010	48348.147	48823.857	370.43	742.00	
B115	1050.000	600.000	-132022.715	-126871.526	98663.223	97517.538	742.00	1104.81	
B115	1110.000	600.000	-63825.965	-66163.033	34583.491	43389.344	1104.81	1071.71	
B115	1170.000	600.000	-13701.546		8166.520		1071.71		
B126	597.500	600.000		-21309.532		20657.133		496.56	
B126	597.500	674.533	-31318.605	-37286.270	0.000	0.000	496.56	263.81	
B126	597.500	749.067	-56948.721	-55220.932	0.000	0.000	263.81	109.71	
B126	597.500	823.600	-54541.683	-51838.720	68.651	0.000	109.71	79.39	
B126	597.500	883.050	-47163.847	-44174.248	0.000	0.000	79.39	312.82	
B126	597.500	942.500	-25622.356	-19144.121	0.000	0.000	312.82	214.28	
B126	597.500	1040.000	-1966.549		6329.519		214.28		
B127	807.500	600.000		-33611.405		15739.009		538.84	
B127	807.500	674.533	-44897.881	-39832.333	0.000	0.000	538.84	279.58	
B127	807.500	749.067	-58371.747	-56771.046	0.000	0.000	279.58	203.01	
B127	807.500	823.600	-55780.154	-51331.472	3811.189	528.067	203.01	77.53	
B127	807.500	883.050	-49093.500	-48133.132	0.000	218.867	77.53	274.60	
B127	807.500	942.500	-31807.923	-21264.224	2784.656	92.493	274.60	201.88	
B127	807.500	1040.000	-2123.488		5680.576		201.88		
B132	597.500	942.500		-346.435		3033.894		338.38	
B132	650.000	942.500	-15478.522	-17204.437	0.000	0.000	338.38	232.77	
B132	702.500	942.500	-24913.920	-25927.967	0.000	0.000	232.77	267.58	
B132	755.000	942.500	-16791.521	-16577.350	0.000	0.000	267.58	367.98	
B132	807.500	942.500	-1720.148		4341.905		367.98		
B139	597.500	1040.000		-2816.856		2305.569		317.92	
B139	650.000	1040.000	-14385.138	-16192.365	0.000	0.000	317.92	97.66	
B139	702.500	1040.000	-16202.128	-15898.748	0.000	0.000	97.66	86.23	
B139	755.000	1040.000	-15884.031	-13583.504	0.000	0.000	86.23	279.30	
B139	807.500	1040.000	-2567.351		1432.054		279.30		