新竹縣原住民族地區建築標準圖說
8-SC-3-1

結構計算書

Job No.　2208A

2021/1

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- ■ 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
3F	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 = 0.300
   Vy / W = 0.300

(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 = 0.629‰

2.最大位移 = 0.808cm

(Y-Dir.)

1.最大層間變位角 = 0.457‰

2.最大位移 = 0.601cm

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 3 樓之輕型鋼構造，樓高約 10.894 公尺。

建築基地：新竹縣五峰鄉/尖石鄉/關西鎮

建築規模：地上 3 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	350	住宅
2F	320	住宅
3F	419.4	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, 3F 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	46.92	2.34	0.050
3F	46.92	5.88	0.125
2F	67.39	5.93	0.088

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。

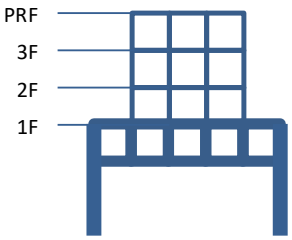
※本案為一般建築物，由於本案為泛用之標準圖說，設立之位置較廣，考量其變異性用途係數保守採用 1.1。

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	3 F	0 F	0(m)	0(m)	10.894(m)	0(m)	10.894(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)	$0.05\times h_n^{3/4}=0.300$(s)	$0.05\times h_n^{3/4}=0.300$(s)
T_{max}(上限週期)	$1.4\times T_{code}=0.420$(s)	$1.4\times T_{code}=0.420$(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)	0.217(s)	0.184(s)
	T_{design}(設計週期)	0.217(s)	0.184(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)	0.875	0.875
	F_u(系統折減係數)	1.915	1.915
	$(S_{aD}/F_u)_m$	0.382	0.382
	V(最小設計水平總橫力)	0.300	0.300
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	0.900
	F_{uM}(系統最大折減係數)	2.236	2.236
	$(S_{aM}/F_{uM})_m$	0.353	0.353
	V_M(最大考量地震水平總橫力)	0.278	0.278
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)	0.191	0.191
5. 層間相對位移地震力	V_{drift}(層間相對位移地震力)	0.174	0.174

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)	0.014(cm)
	T_{ver}(垂直週期)=$2\pi(D_{DL+SDL}/g)^{0.5}$	0.024(s)
	$S_{aD,V}$(垂直設計譜加速度係數)	0.202
	F_{uv}(垂直地震系統折減係數)	1.189
	$(S_{aD,v}/F_{uv})_m$	0.160
	V_{ZD}(垂直設計地震力)	0.126
	$S_{aM,v}$(垂直最大加速度係數)	0.237
	$F_{uv,M}$(垂直最大地震系統折減係數)	1.263
	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)	0.050

地震力統整		X方向	Y方向
1. 水平地震力	V_{design} = max(V ,V_M ,V^*)	0.300	0.300
2. 層間位移地震力	V_{drift}	0.174	0.174
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	0.799(節點 115)	0.771	0.746	
PRF	EYP	0.602(節點 16)	0.562	0.798	
PRF	EXN	0.809(節點 16)	0.770	0.766	
PRF	EYN	0.591(節點 115)	0.562	0.765	
3F	EXP	0.552(節點 115)	0.532	0.748	
3F	EYP	0.452(節點 16)	0.423	0.794	
3F	EXN	0.560(節點 16)	0.531	0.773	
3F	EYN	0.445(節點 115)	0.424	0.765	
2F	EXP	0.222(節點 121)	0.211	0.766	
2F	EYP	0.209(節點 5)	0.194	0.805	
2F	EXN	0.232(節點 5)	0.216	0.803	X 最大值
2F	EYN	0.209(節點 1)	0.193	0.819	Y 最大值

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

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

樓層地震力

(單位 tf)

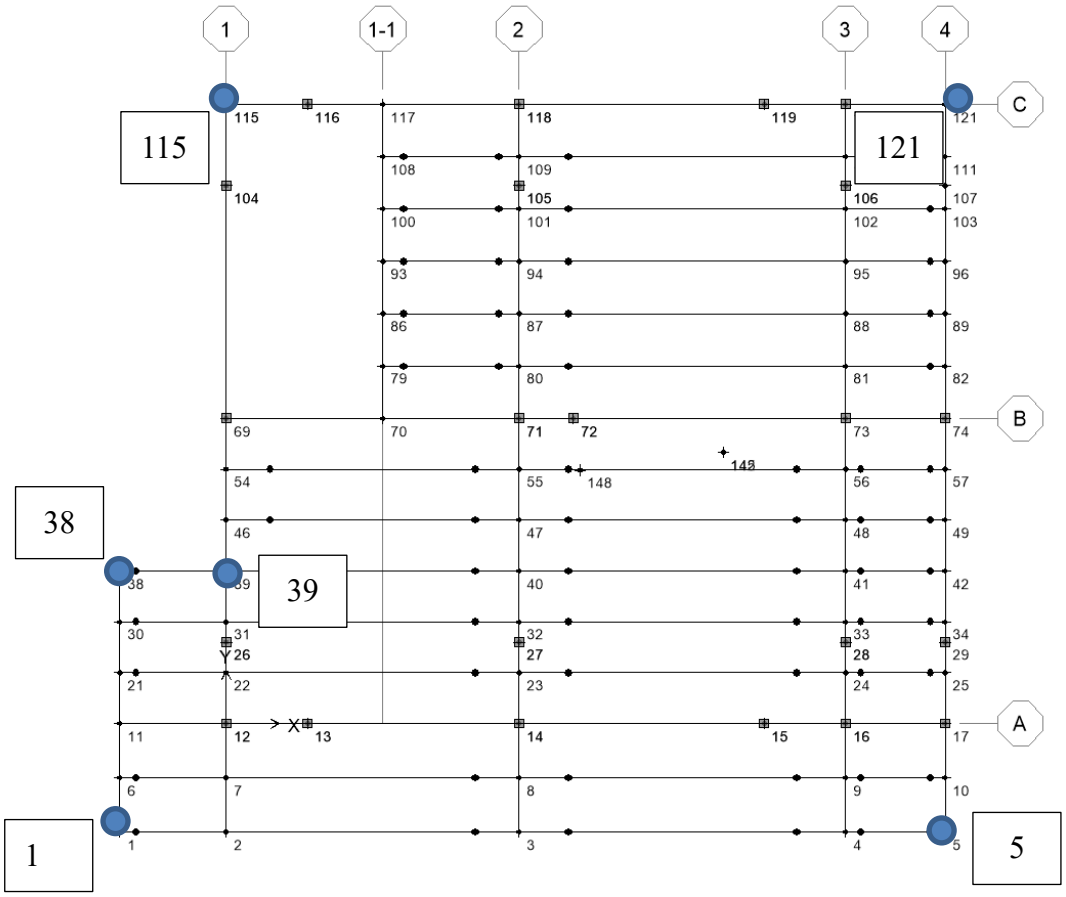
	EXP VX	EXP VY	EYP VX	EYP VY	EXN VX	EXN VY	EYN VX	EYN VY
PRF	-1.26	0.00	0.00	-1.26	-1.26	0.00	0.00	-1.26
3F	-1.95	0.00	0.00	-1.95	-1.95	0.00	0.00	-1.95
2F	-1.03	0.00	0.00	-1.03	-1.03	0.00	0.00	-1.03
SUM	-4.24	0.00	0.00	-4.24	-4.24	0.00	0.00	-4.24

樓層層間變位角

	Ux		Uy	
	EXP	EXN	EYP	EYN
PRF	0.569‰(D51)	0.581‰(D20)	0.358‰(D11)	0.344‰(D38)
3F	0.614‰(D46)	0.629‰(D15)	0.450‰(D9)	0.439‰(D35)
2F	0.507‰(D48)	0.516‰(D23)	0.457‰(D8)	0.456‰(D5)

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 5		節點 121		節點 115	
	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)	0.231	0.209	0.231	0.208	0.222	0.208	0.799	0.590
安全碰撞距離 (cm)	0.453	0.409	0.453	0.408	0.435	0.408	1.566	1.156

	節點 39		節點 38					
	X 向	Y 向	X 向	Y 向				
475 年地震側向位移 (cm)	0.545	0.444	0.220	0.209				
安全碰撞距離 (cm)	1.069	0.870	0.430	0.409				
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)

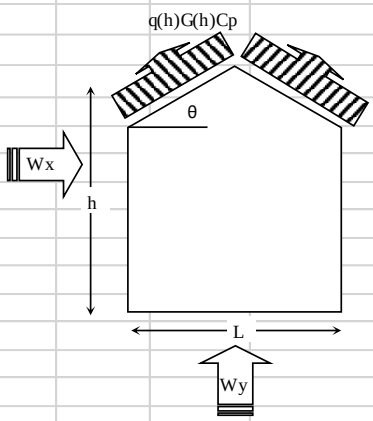
Job:								Job No.			
								Made by:	JWLI	Date:	2004/12/13
1.1	**Input data**				尺寸						
	Exp=	C		V10=	37.5	m/sec	I=	1.1			
	Z=	10.895	m	θ =	17	Degree					
	T=	0.1	sec	Beta=	0.02		B=	6.85	m	L=	7.95 m
2.1	**Basic Constant**										
	Exporsure=		C		α =		0.15		Zg=	300.00	m
	Design wind speed=		37.50	m/sec	Building width=		6.85	m	Ave. roof height=	10.90	m
	Do=		0.005		Damping ratio=		0.020				
2.2	**Wind presure**										
	$K(h)=2.774(Z/Zg)^{2\alpha}$		h>5m	Average level		=	1.0260				
	$K(h)=2.774(5/Zg)^{2\alpha}$		h<5m			=	0.0000				
	$q(h)=0.06*K(z)*(IV_{10}(c))^2$					=	104.75	kg/m^2			

2.3 Roof design wind presure

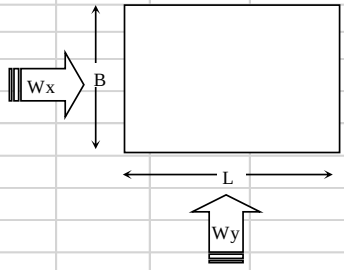
Direction	Width	Length	G(h)	Wind ward		Leeward	
				Cp	q(h)G(h)Cp	Cp	q(h)G(h)Cp
Wx	6.85	7.95	1.889	-0.88	-175	-0.7	-138
Wy	7.95	6.85	1.886	-0.70	-138	-0.7	-138

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	1.889	0.8	158	0.5	99
Wy	1.886	0.8	158	0.5	99



Elevation View



Plan View

	WX VX	WX VY	WY VX	WY VY
PRF	-4.07	0.00	0.00	-4.73
3F	-7.03	0.00	0.00	-8.16
2F	-6.20	0.00	0.00	-7.19
SUM	-17.30	0.00	0.00	-20.08

X 向設計風力為 17.3tf，大於 X 向設計地震力 4.24tf
Y 向設計風力為 20.8tf，大於 Y 向設計地震力 4.24tf

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

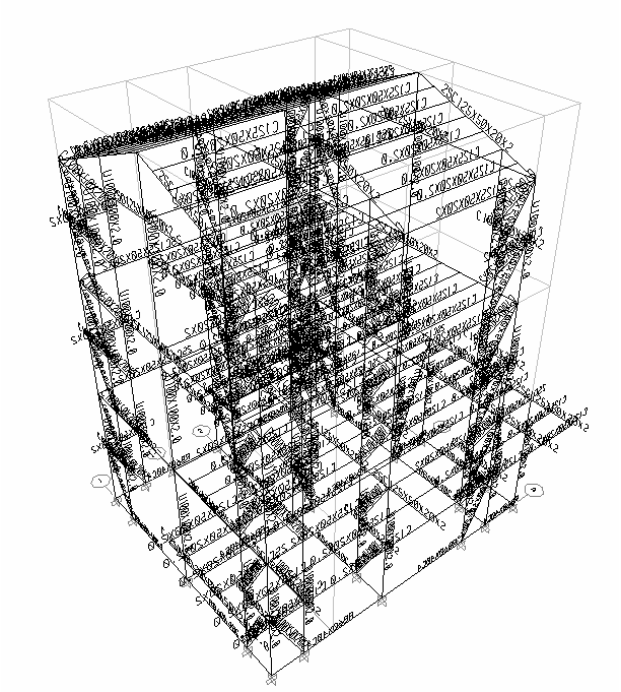
最大加速度	0.005g (0.05 m/sec^2)

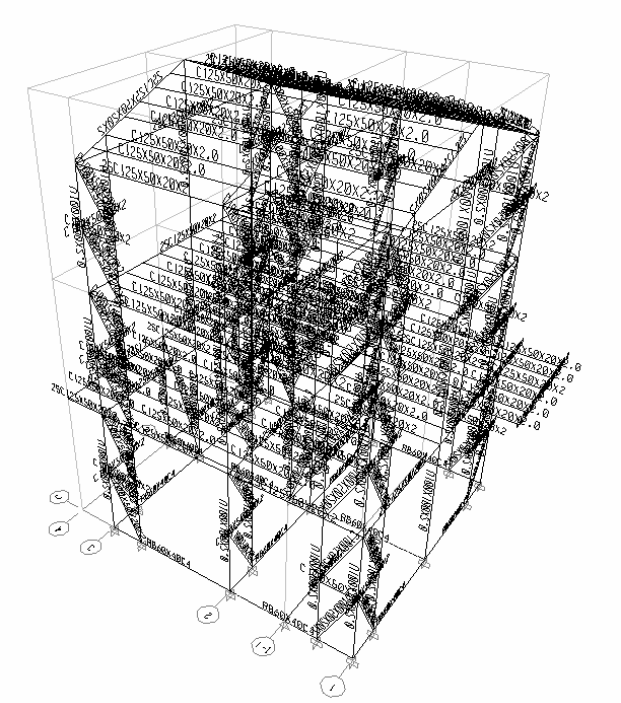
6.0 設計規範

（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。

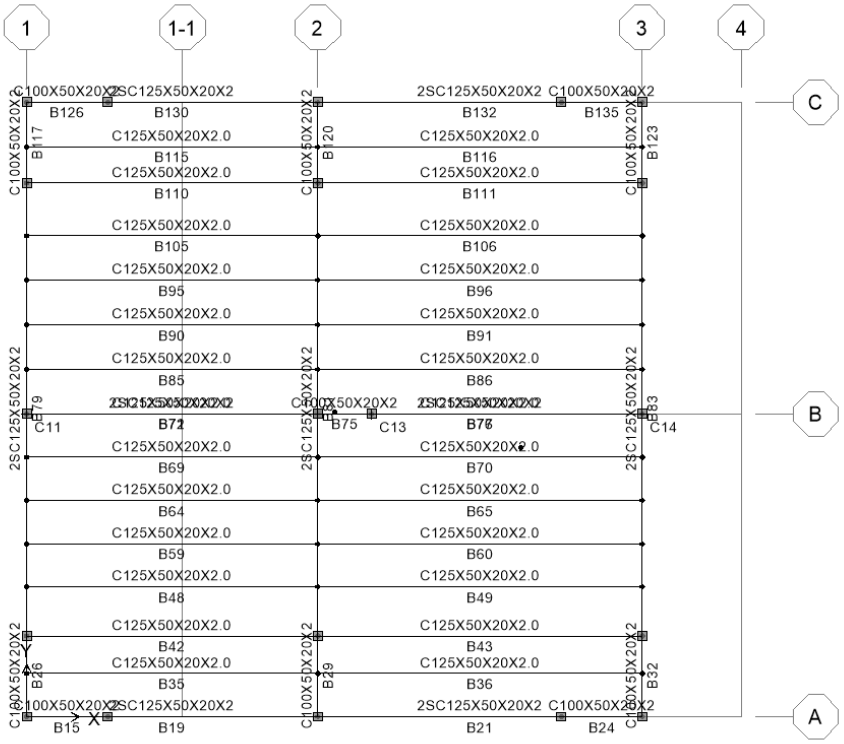
7.0 結構分析程序

7.1 結構模型

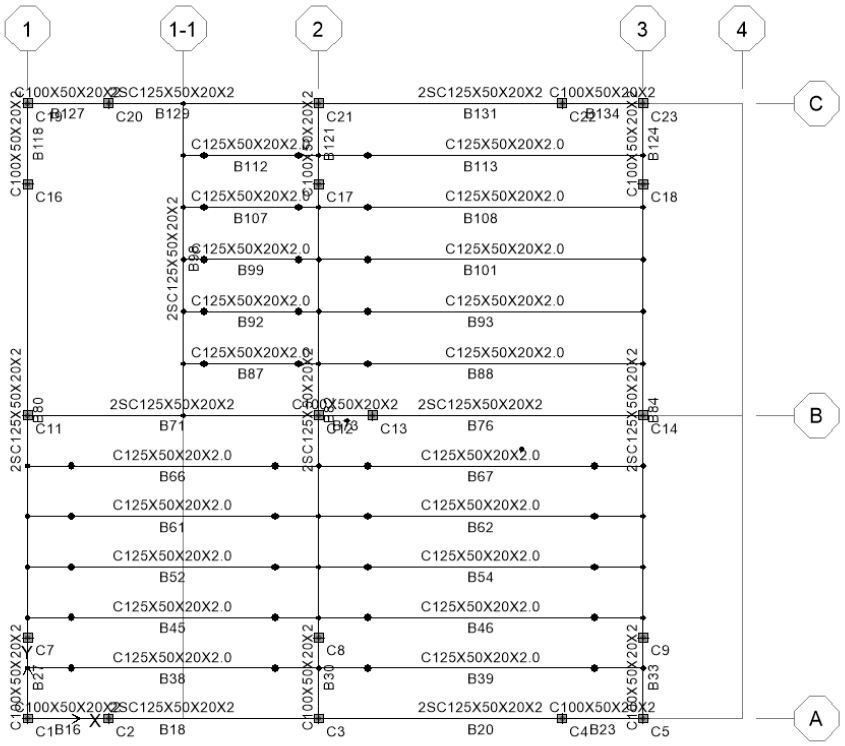




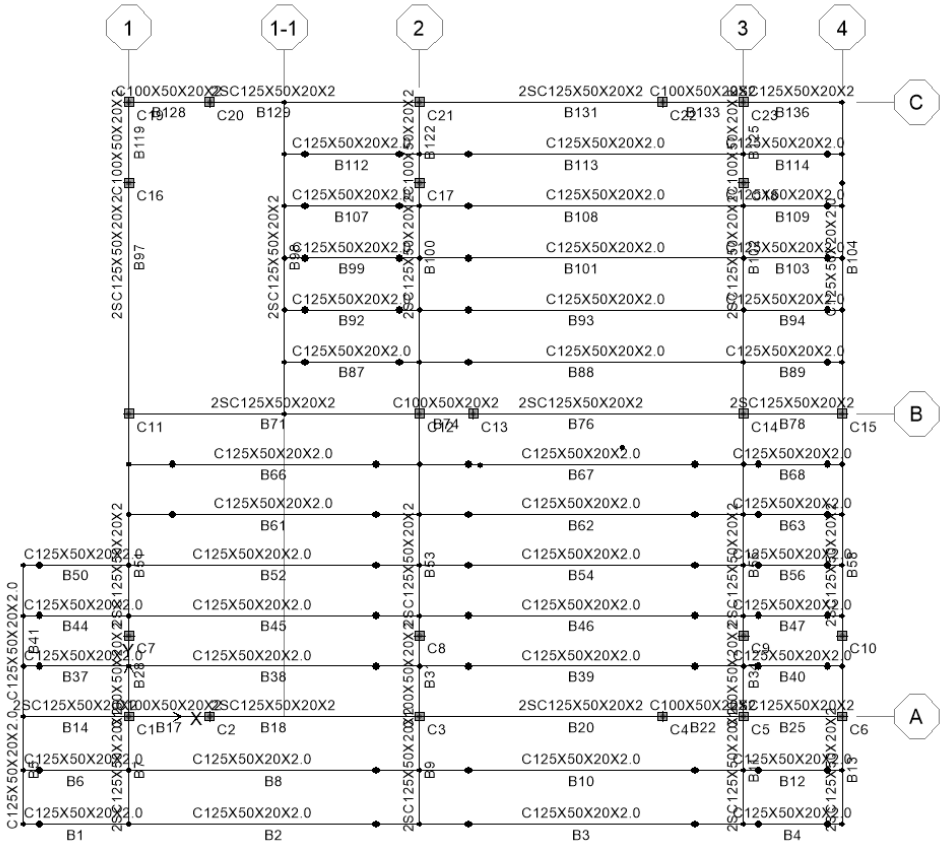
3D view



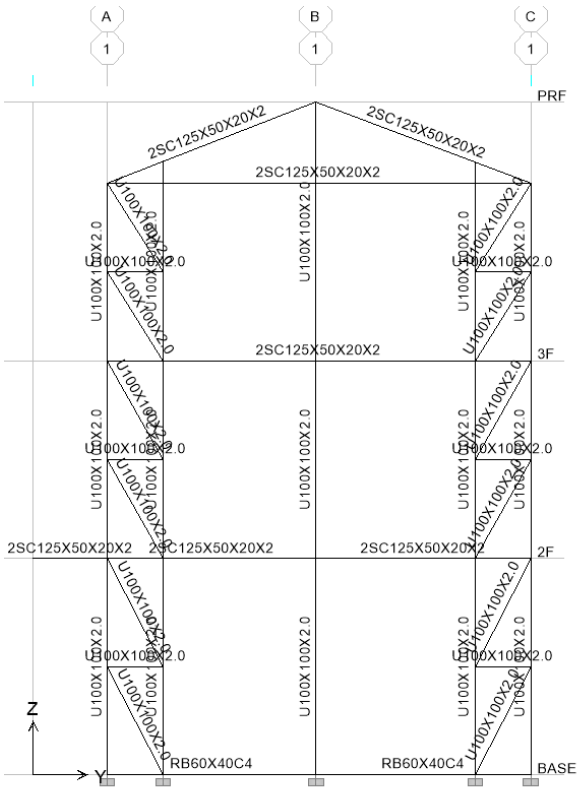
PRF plan



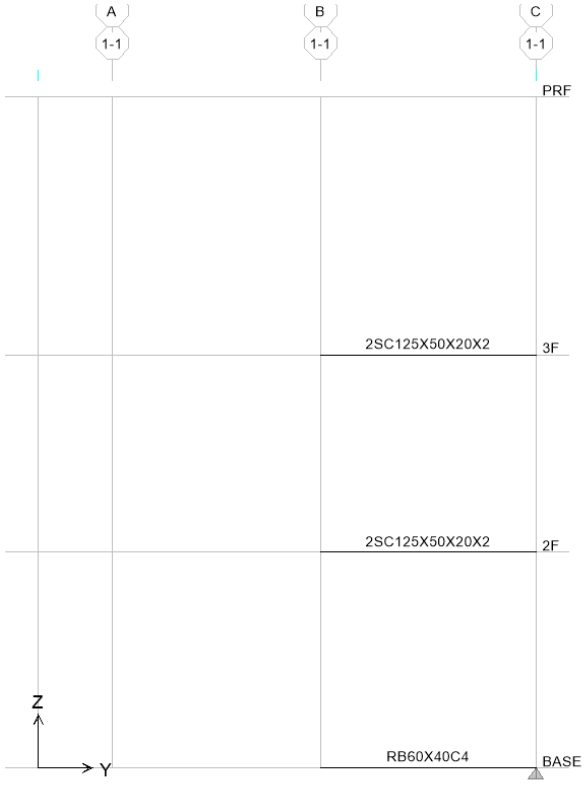
3F plan


1
1-1
2
3
4
A
B
C
C1
C2
C3
C4
C5
C6
C7
C8
C9
C10
C11
C12
C13
C14
C15
C16
C17
C19
C20
C21
C22
C23
B1
B2
B3
B4
B6
B8
B9
B10
B12
B14
B17
B18
B20
B22
B25
B37
B38
B39
B40
B41
B44
B45
B46
B47
B50
B52
B53
B54
B56
B61
B62
B63
B66
B67
B68
B71
B74
B76
B78
B87
B88
B89
B92
B93
B94
B97
B99
B100
B101
B103
B104
B107
B108
B109
B112
B113
B114
B119
B122
B125
B128
B129
B131
B133
B136
C125X50X20X2.0
2SC125X50X20X2
C100X50X20X2

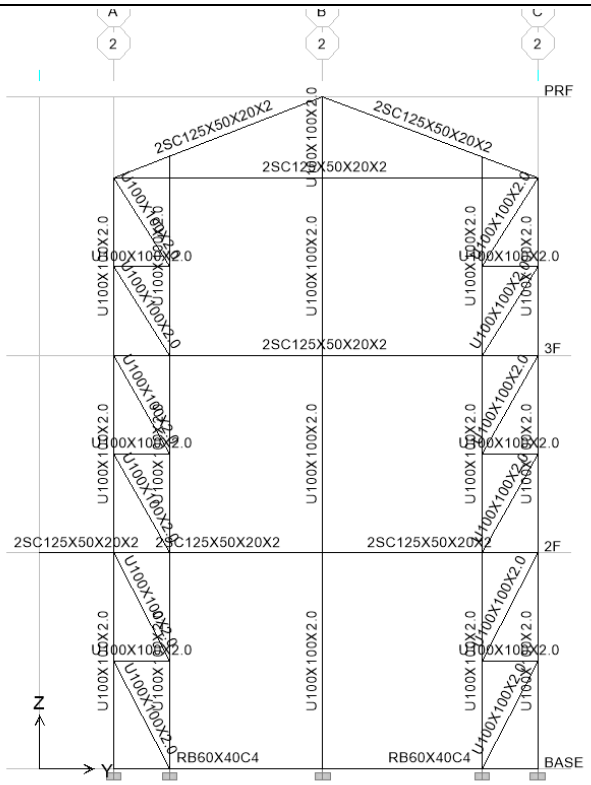
2F plan



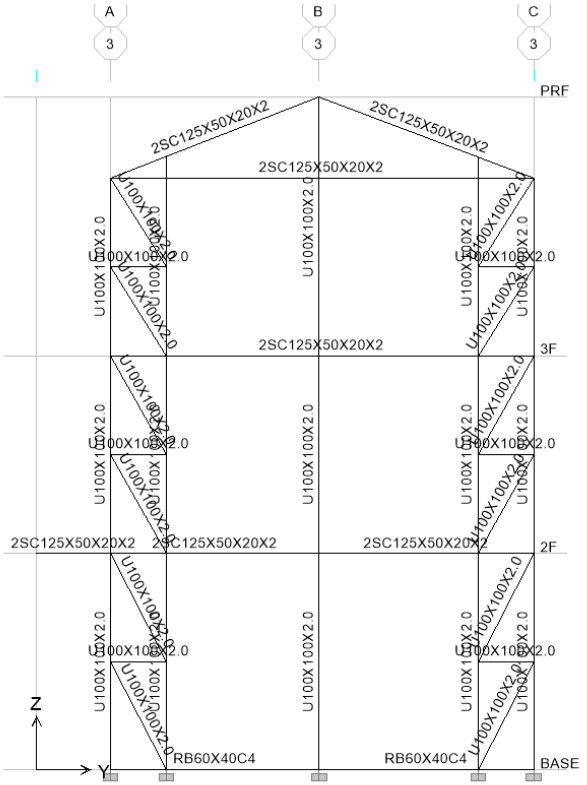
EL Line-1



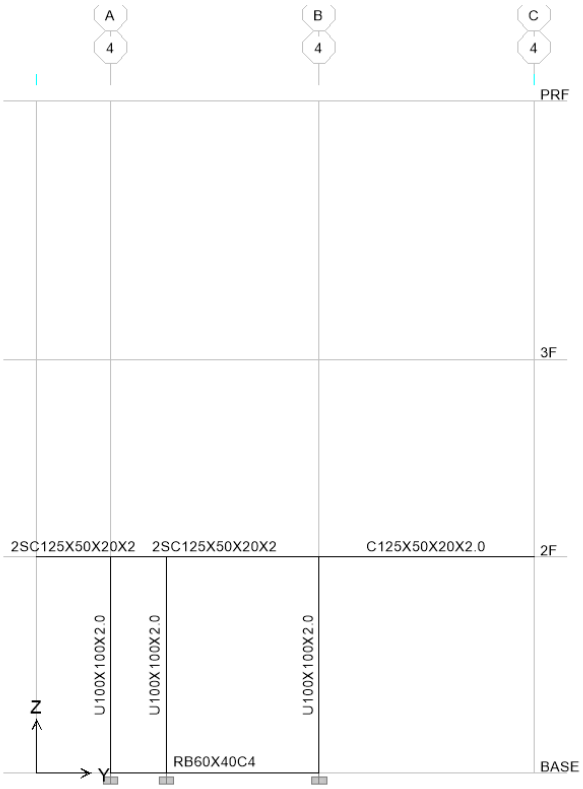
EL Line-1-1



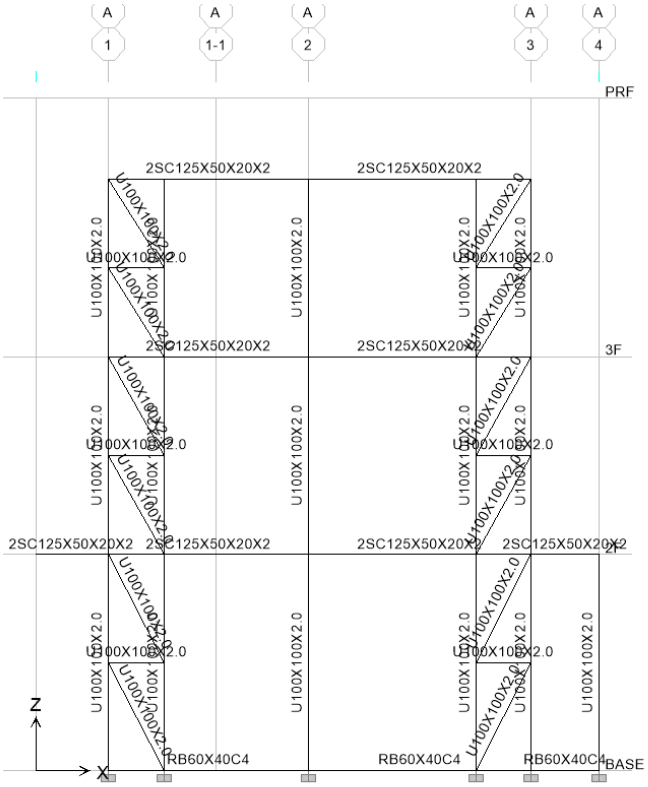
EL Line-2



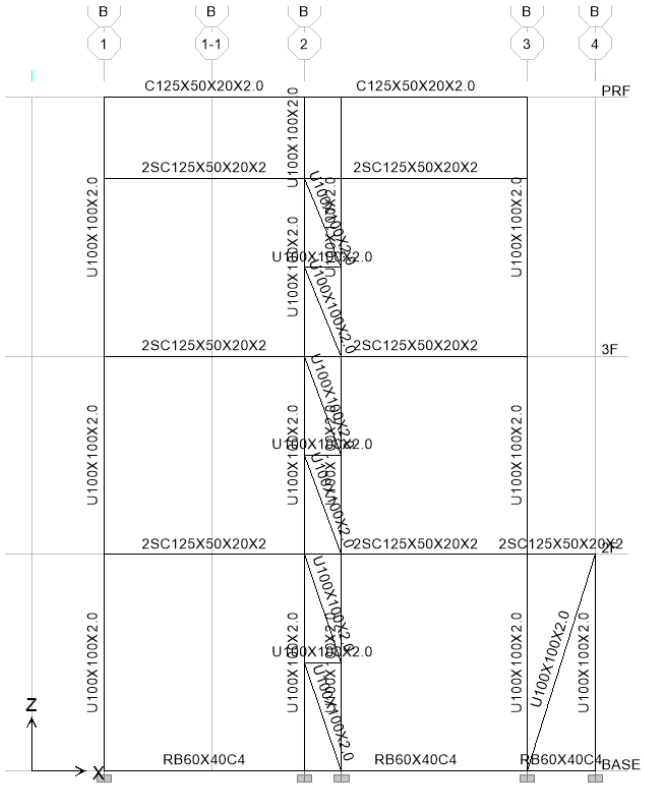
EL Line-3



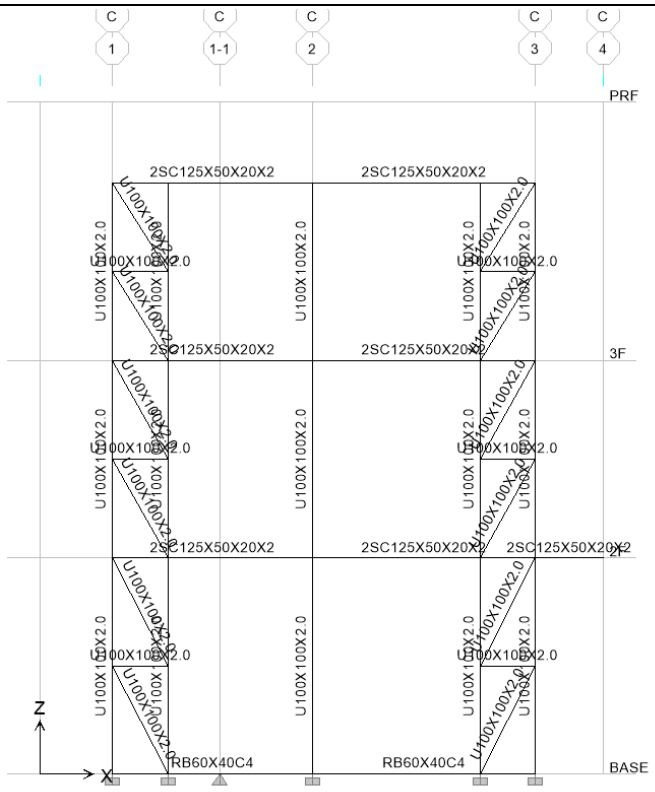
EL Line-4



EL Line-A



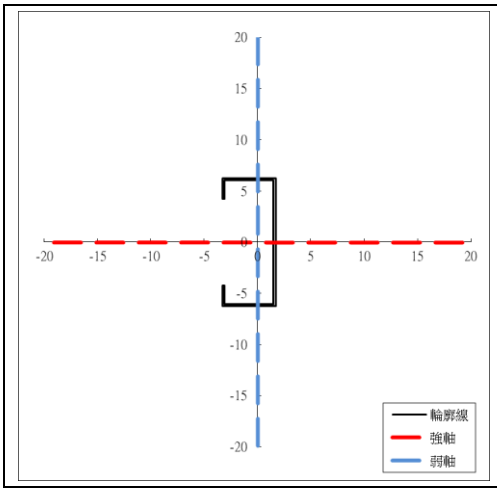
EL Line-B



EL Line-C

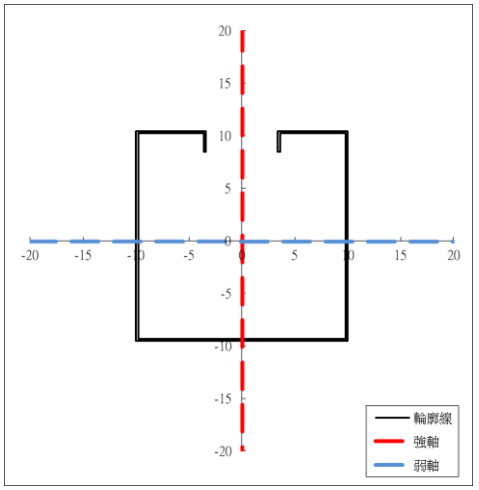
斷面性質

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

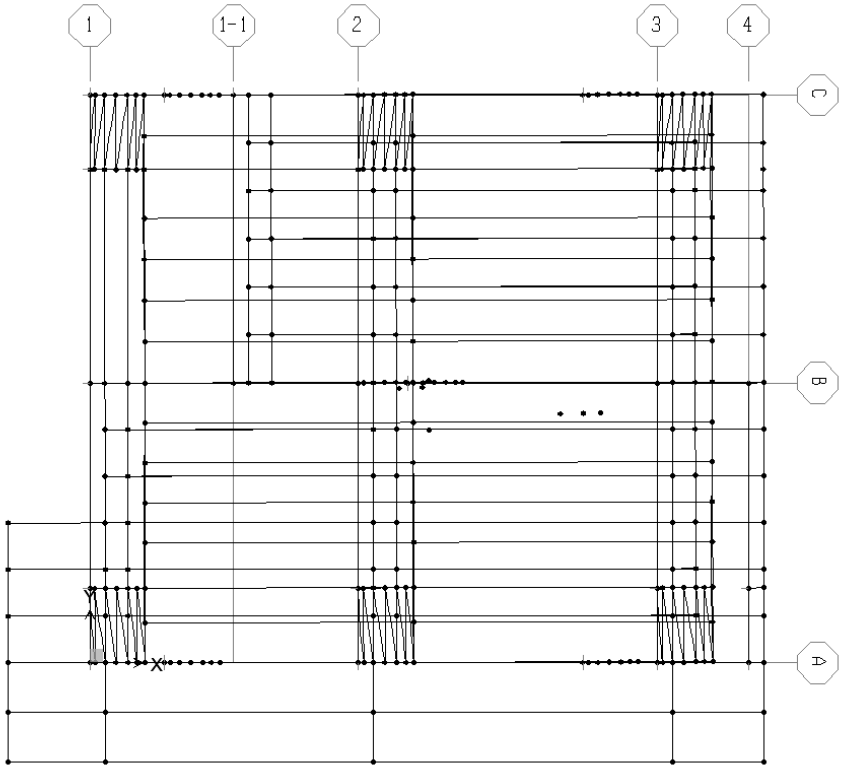


斷面積：	A=	15.200	(cm^2)
慣性矩：	Ix=	955.743	(cm^4)
	Iy=	1038.673	(cm^4)
斷面模數：	Sx=	91.334	(cm^3)
	Sy=	103.867	(cm^3)

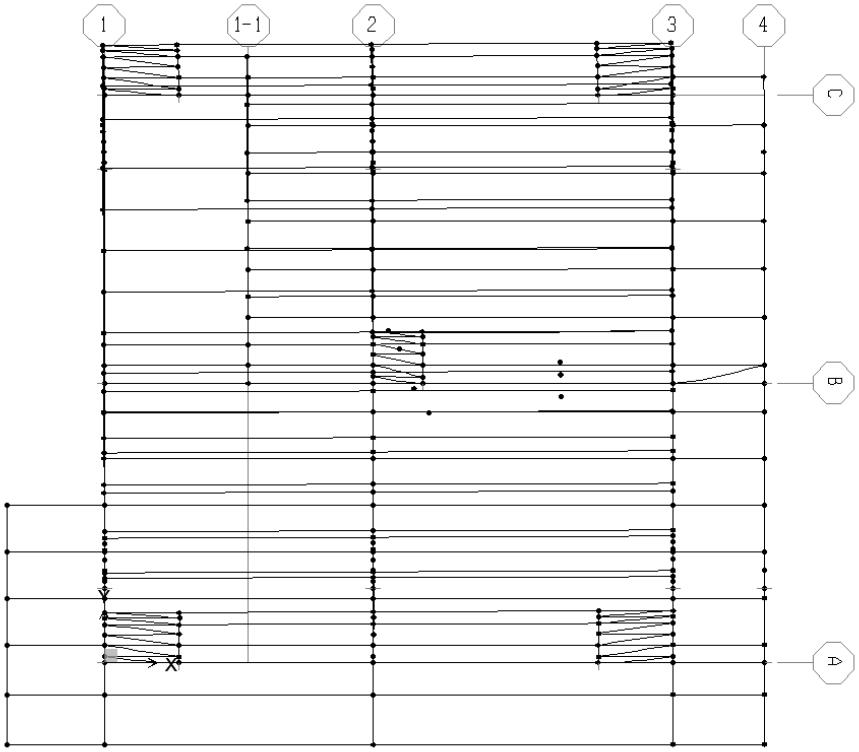
2-C125x50x20x2.0

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

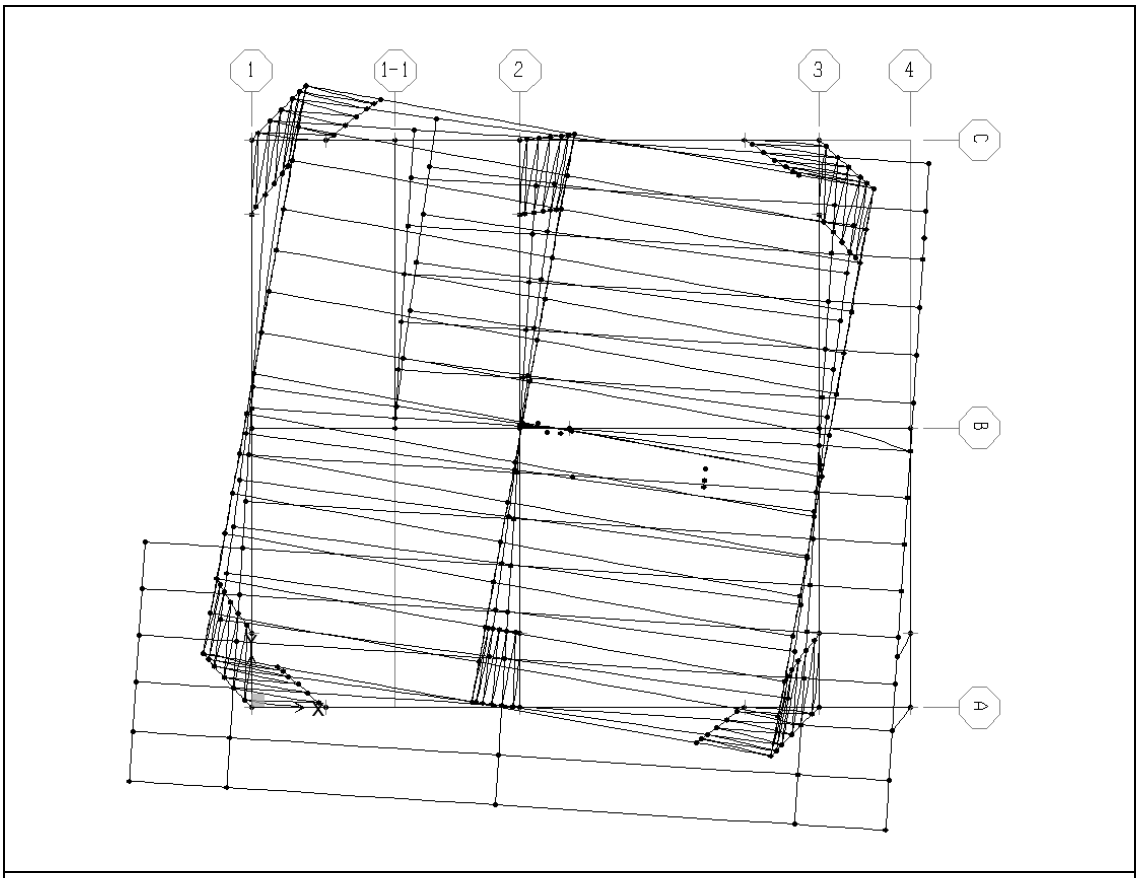
7.2 模態分析



X 向位移模態 T=0.245 (Mode 1)



Y 向位移模態 T=0.216 (Mode 2)



Z 向扭轉模態 T=0.160 (Mode 3)

有效累積振態質量

Mode	Period	UX	UY	RZ	SumUX	SumUY	SumRZ	Remark
1	0.245	81.417	0.015	0.053	81.417	0.015	0.053	X-Dir
2	0.216	0.013	86.134	0.022	81.429	86.149	0.075	Y-Dir
3	0.160	0.032	0.001	86.490	81.461	86.149	86.566	Z-Tor
4	0.074	17.105	0.025	0.466	98.566	86.174	87.032	
5	0.065	0.072	12.681	0.670	98.638	98.855	87.702	
6	0.054	0.091	0.483	11.845	98.728	99.339	99.547	
7	0.043	1.264	0.000	0.186	99.993	99.339	99.732	
8	0.038	0.000	0.651	0.021	99.993	99.990	99.753	
9	0.031	0.007	0.010	0.247	100.000	100.000	100.000	

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

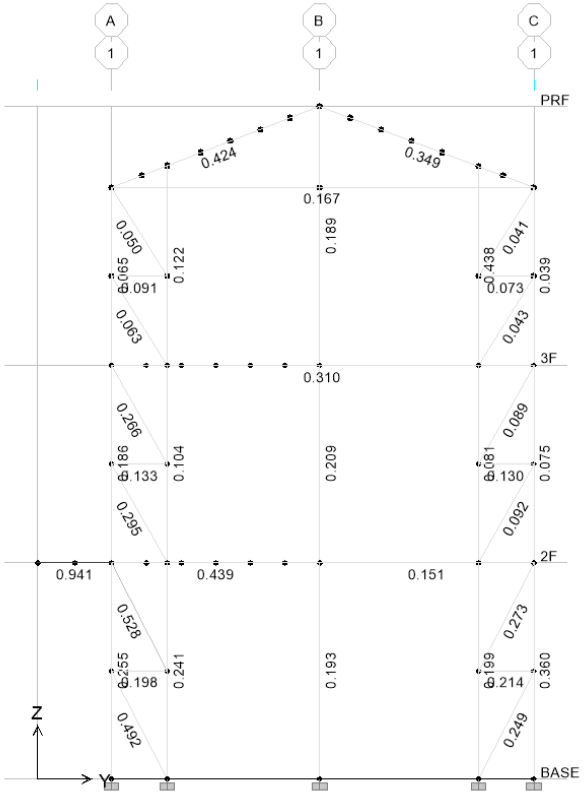
x = 強軸

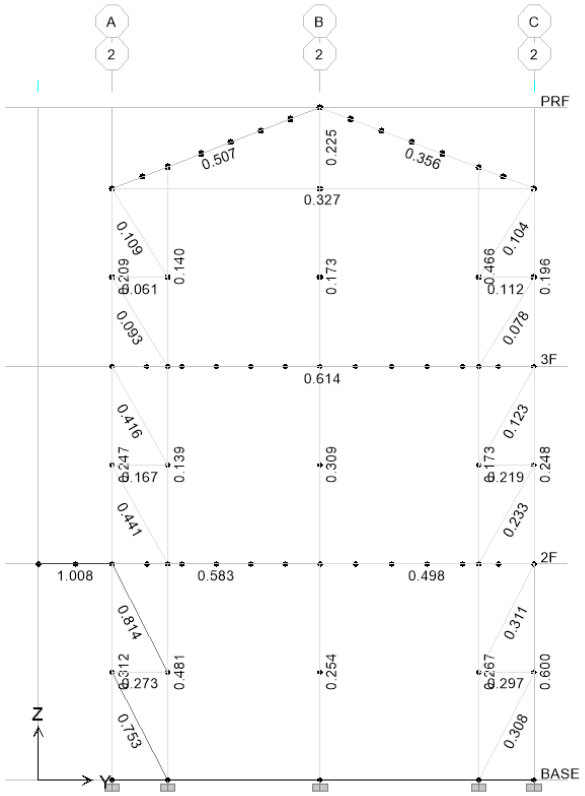
y = 弱軸

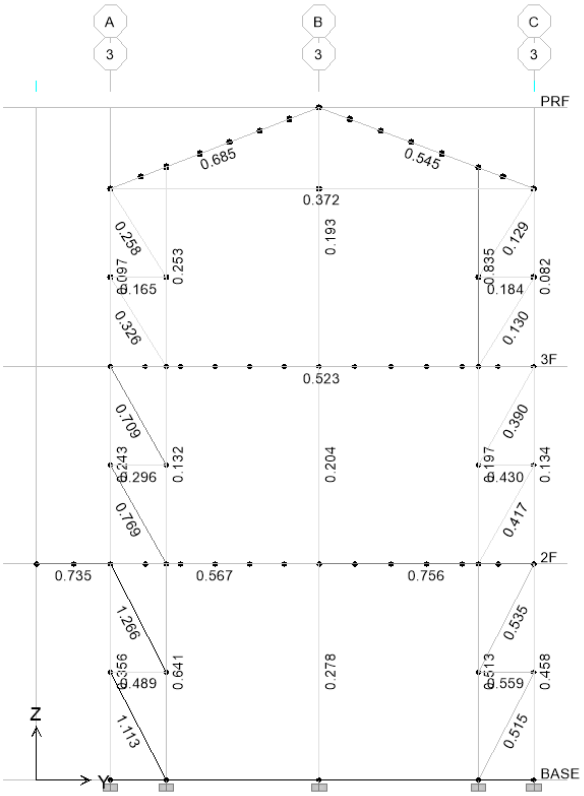
φ = 軸力載重下之強度折減係數

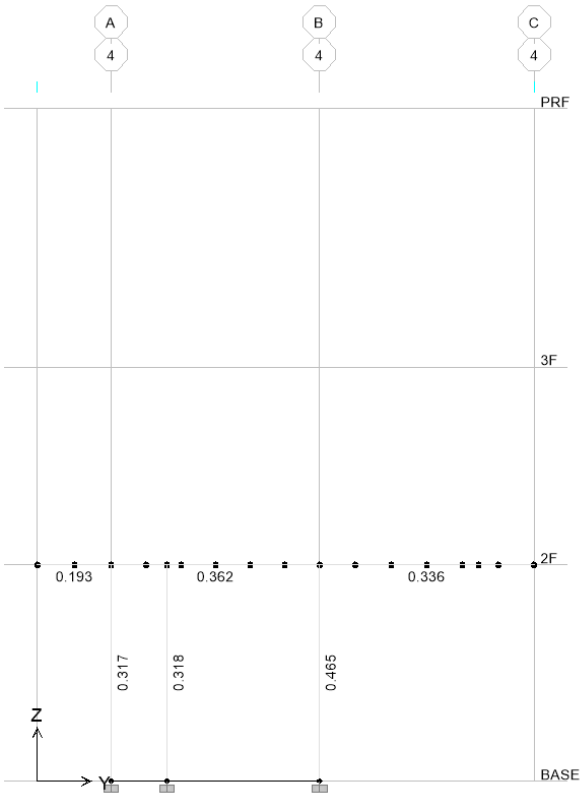
φ_b = 撓曲載重下之強度折減係數

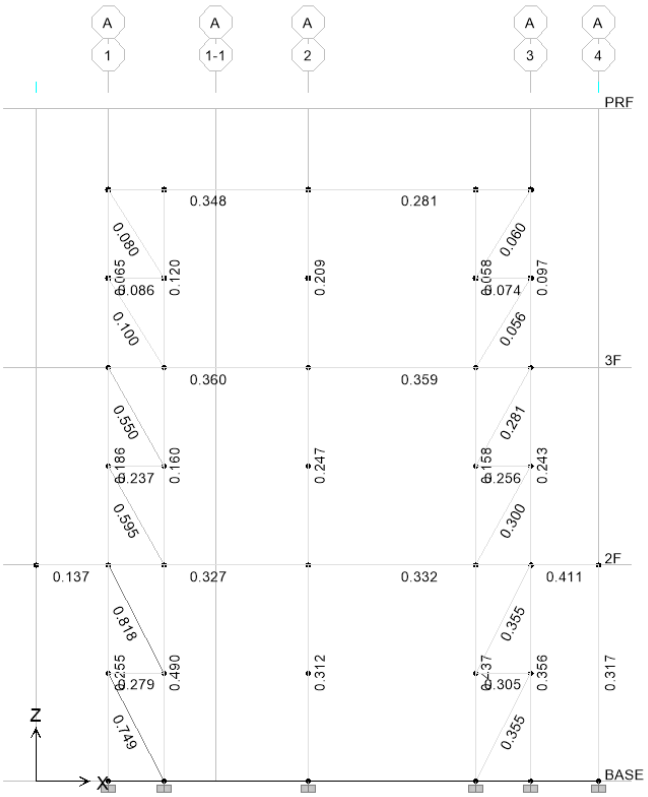
分析模型各桿件的應力比皆小於1.....OK!

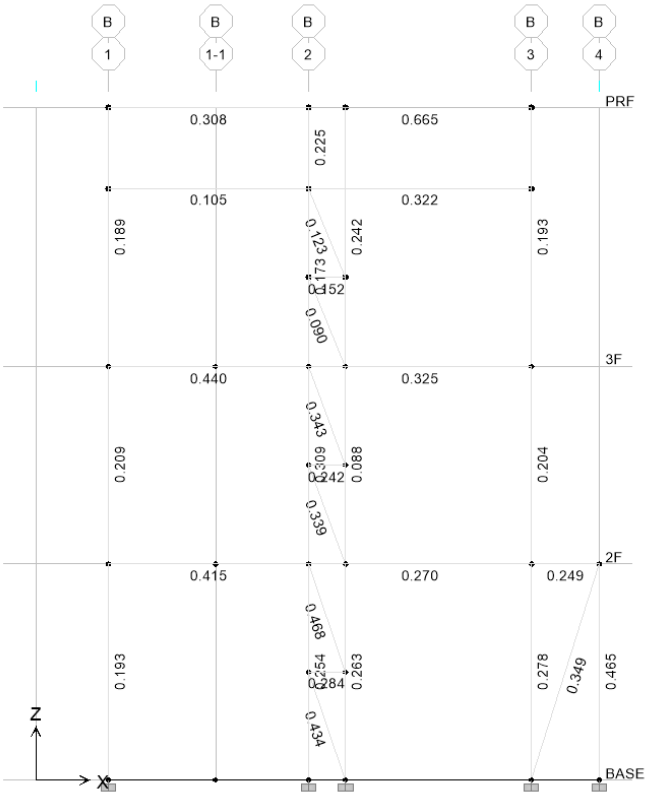

A
B
C
1
1
1
PRF
0.424
0.349
0.167
0.189
0.060
0.065
0.091
0.122
0.438
0.073
0.041
0.039
0.063
0.043
3F
0.310
0.266
0.186
0.133
0.104
0.209
0.089
0.081
0.130
0.075
0.295
0.092
2F
0.941
0.439
0.151
0.528
0.255
0.198
0.241
0.193
0.273
0.199
0.214
0.360
0.492
0.249
BASE
Z
Y

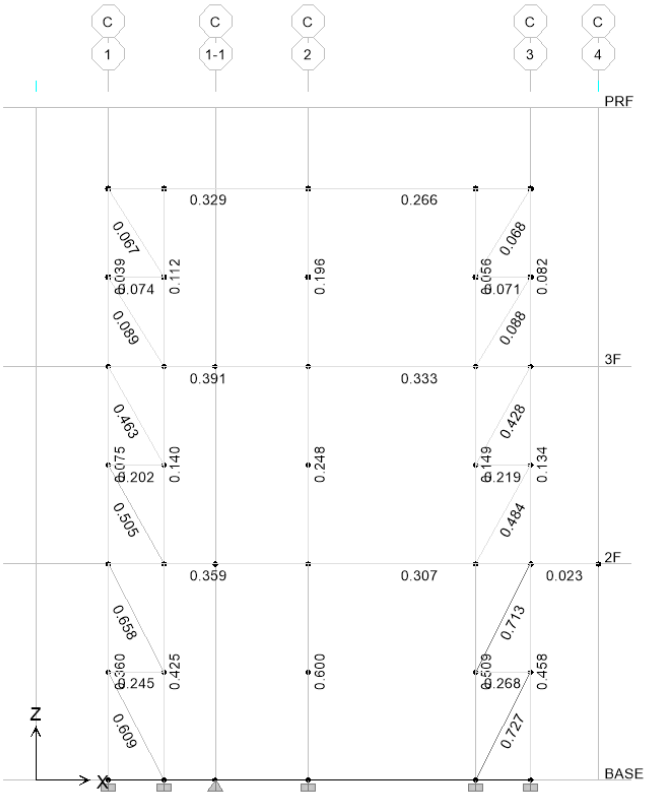

A
B
C
2
2
2
PRF
0.507
0.225
0.356
0.327
0.109
0.209
0.061
0.140
0.466
0.112
0.104
0.196
0.093
0.078
3F
0.614
0.416
0.247
0.167
0.139
0.309
0.173
0.219
0.123
0.248
0.441
0.233
2F
1.008
0.583
0.498
0.814
0.312
0.273
0.481
0.254
0.267
0.297
0.311
0.600
0.753
0.308
BASE
Z
Y


A
3
B
3
C
3
PRF
0.685
0.545
0.372
0.258
0.097
0.165
0.253
0.193
0.835
0.184
0.129
0.082
0.326
0.130
3F
0.523
0.709
0.243
0.296
0.132
0.204
0.197
0.430
0.390
0.134
0.769
0.417
2F
0.735
0.567
0.756
1.266
0.356
0.489
0.641
0.278
0.513
0.559
0.535
0.458
1.113
0.515
Z
Y
BASE


A
4
B
4
C
4
PRF
3F
2F
0.193
0.362
0.336
0.317
0.318
0.465
Z
Y
BASE


A
1
A
1-1
A
2
A
3
A
4
PRF
3F
2F
BASE
0.348
0.281
0.360
0.359
0.137
0.327
0.332
0.411
0.080
0.065
0.086
0.120
0.100
0.209
0.060
0.058
0.074
0.097
0.056
0.550
0.186
0.237
0.160
0.595
0.247
0.281
0.158
0.256
0.243
0.300
0.818
0.255
0.279
0.490
0.749
0.312
0.355
0.237
0.305
0.356
0.355
0.317
Z
X


B
1
B
1-1
B
2
B
3
B
4
PRF
3F
2F
BASE
0.308
0.665
0.105
0.322
0.440
0.325
0.415
0.270
0.249
0.189
0.225
0.123
0.173
0.152
0.242
0.193
0.090
0.343
0.309
0.242
0.088
0.204
0.209
0.339
0.484
0.254
0.284
0.263
0.278
0.349
0.465
0.434
0.193
Z
X


C 1
C 1-1
C 2
C 3
C 4
PRF
3F
2F
BASE
0.329
0.266
0.391
0.333
0.359
0.307
0.023
0.067
0.039
0.074
0.112
0.196
0.056
0.071
0.088
0.082
0.089
0.088
0.463
0.075
0.202
0.140
0.248
0.149
0.219
0.134
0.428
0.505
0.484
0.658
0.360
0.245
0.425
0.600
0.509
0.268
0.458
0.713
0.609
0.727
Z
X

9.0 基礎設計 / Foundation Design

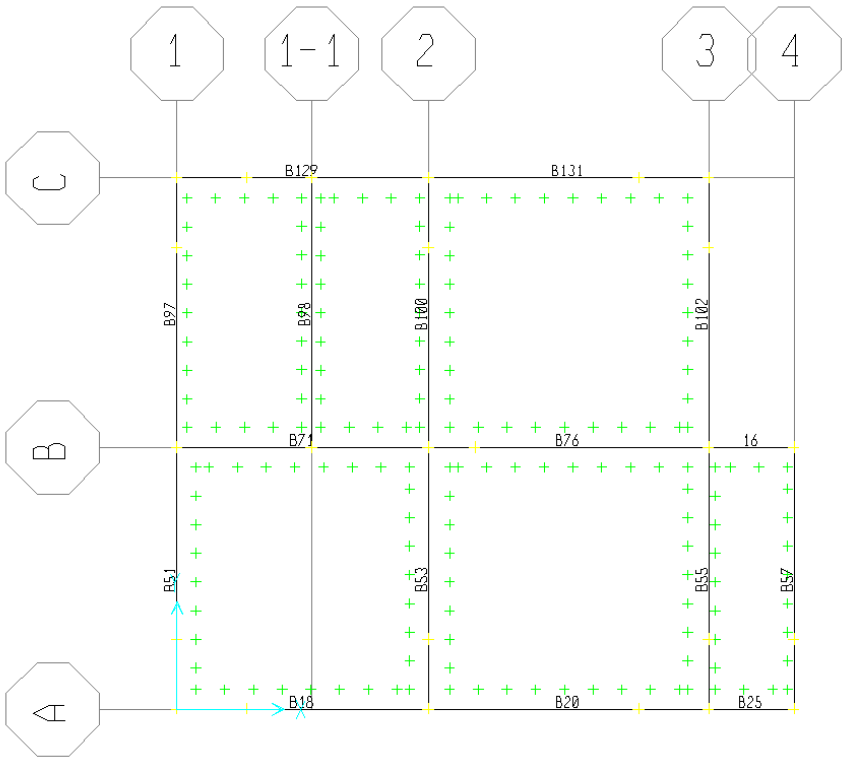
9.1 基礎設計說明

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

9.1.1 分析基本資料

依據鄰近地質鑽探報告，各設計數據如下：

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



基礎結構平面圖

9.1.2 基礎設計載重組合

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

DL：靜載重(包含自重)

LL：活載重

E：法規地震載重 (EXP、EXN、EYP、EYN)

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

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

WA：水浮力 (WAH、WAN)

WAH：高水位時之水浮力

WAN：常時水位之水浮力

檢核(乘載力檢核)

1.0DL+1.0WA

1.0DL+1.0LL+1.0WA

1.0DL+1.0LL±1.0E+1.0WA

設計

1.4DL+1.4WA

1.2DL+1.6LL+1.2WA

1.2DL+1.0LL±1.4E

0.9DL±1.4E

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

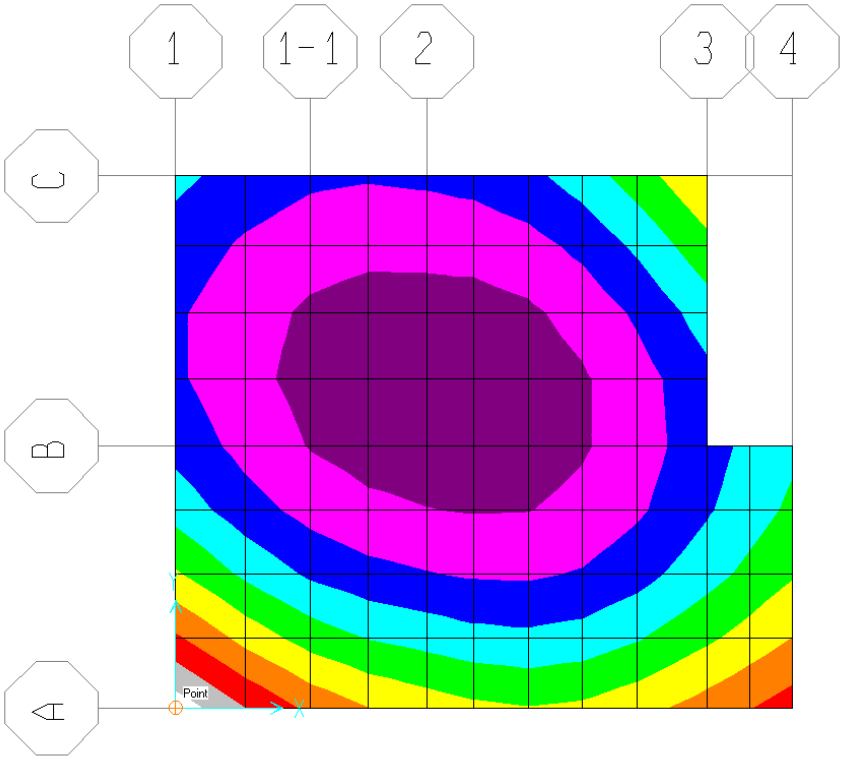
BASE37	0.900	0.900		-1.400						
BASE38	0.900	0.900			-1.400					
BASE39	0.900	0.900				-1.400				
BASE40	0.900	0.900					-1.400			

9.2 基礎分析

9.2.1 分析基本資料

1. 容許承載力檢核：

承載力檢核考慮載重組合為 BASE04



土壤最大反力為 4.512(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 /11149	B24	η <1/500...OK
BASE02	1 /11149	B24	η <1/500...OK
BASE03	1 /9626	B24	η <1/500...OK
BASE04	1 /9626	B24	η <1/500...OK
BASE05	1 /9575	B26	η <1/333...OK
BASE06	1 /9575	B26	η <1/333...OK
BASE07	1 /10631	B24	η <1/333...OK
BASE08	1 /10631	B24	η <1/333...OK
BASE09	1 /9310	B26	η <1/333...OK
BASE10	1 /9310	B26	η <1/333...OK
BASE11	1 /10677	B24	η <1/333...OK
BASE12	1 /10677	B24	η <1/333...OK
BASE13	1 /7365	B24	η <1/333...OK
BASE14	1 /7365	B24	η <1/333...OK
BASE15	1 /8795	B24	η <1/333...OK
BASE16	1 /8795	B24	η <1/333...OK
BASE17	1 /7381	B24	η <1/333...OK
BASE18	1 /7381	B24	η <1/333...OK
BASE19	1 /8763	B24	η <1/333...OK
BASE20	1 /8763	B24	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	-0.212	194	δ <5.000(cm)...OK
BASE02	-0.212	194	δ <5.000(cm)...OK
BASE03	-0.239	176	δ <5.000(cm)...OK
BASE04	-0.239	176	δ <5.000(cm)...OK
BASE05	-0.248	194	δ <7.500(cm)...OK
BASE06	-0.248	194	δ <7.500(cm)...OK
BASE07	-0.253	176	δ <7.500(cm)...OK
BASE08	-0.253	176	δ <7.500(cm)...OK
BASE09	-0.250	194	δ <7.500(cm)...OK
BASE10	-0.250	194	δ <7.500(cm)...OK
BASE11	-0.254	176	δ <7.500(cm)...OK
BASE12	-0.254	176	δ <7.500(cm)...OK
BASE13	-0.258	176	δ <7.500(cm)...OK
BASE14	-0.258	176	δ <7.500(cm)...OK
BASE15	-0.240	27	δ <7.500(cm)...OK
BASE16	-0.240	27	δ <7.500(cm)...OK
BASE17	-0.259	176	δ <7.500(cm)...OK
BASE18	-0.259	176	δ <7.500(cm)...OK
BASE19	-0.242	27	δ <7.500(cm)...OK
BASE20	-0.242	27	δ <7.500(cm)...OK

9.3 基礎結構設計

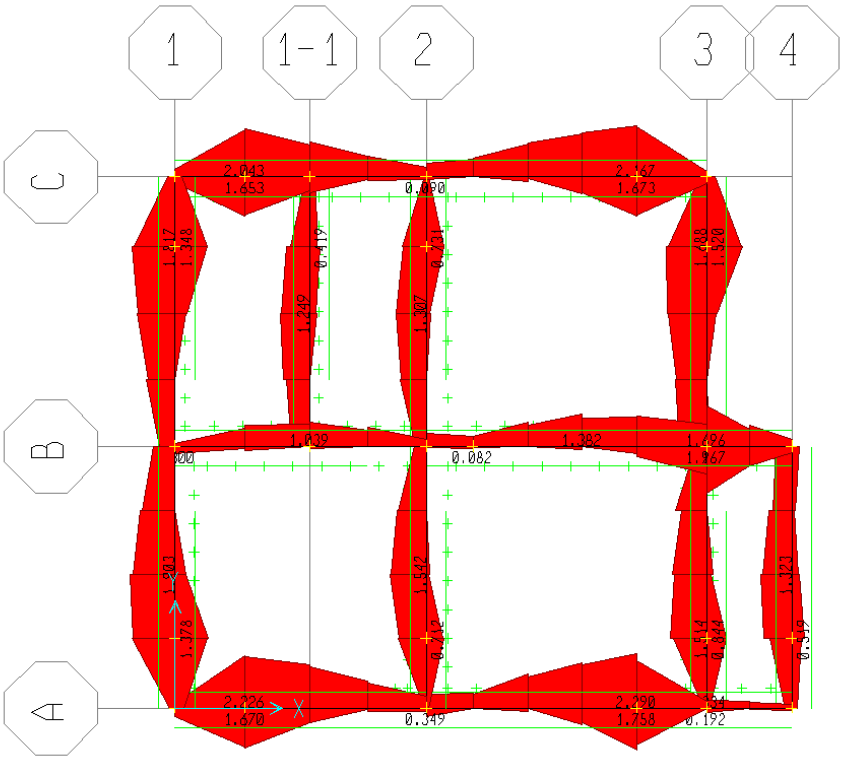
1. 材料強度

混凝土抗壓強度： 280 kgf/cm^2

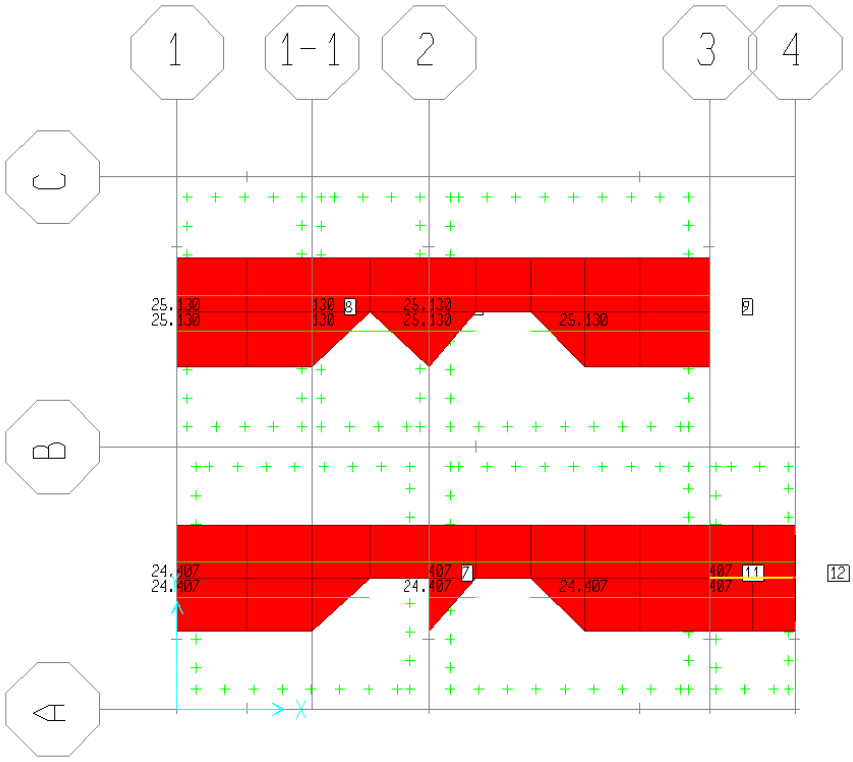
鋼筋降伏強度： 2800kgf/cm^2 (#3 及以下)

4200kgf/cm^2 (#4 及以上)

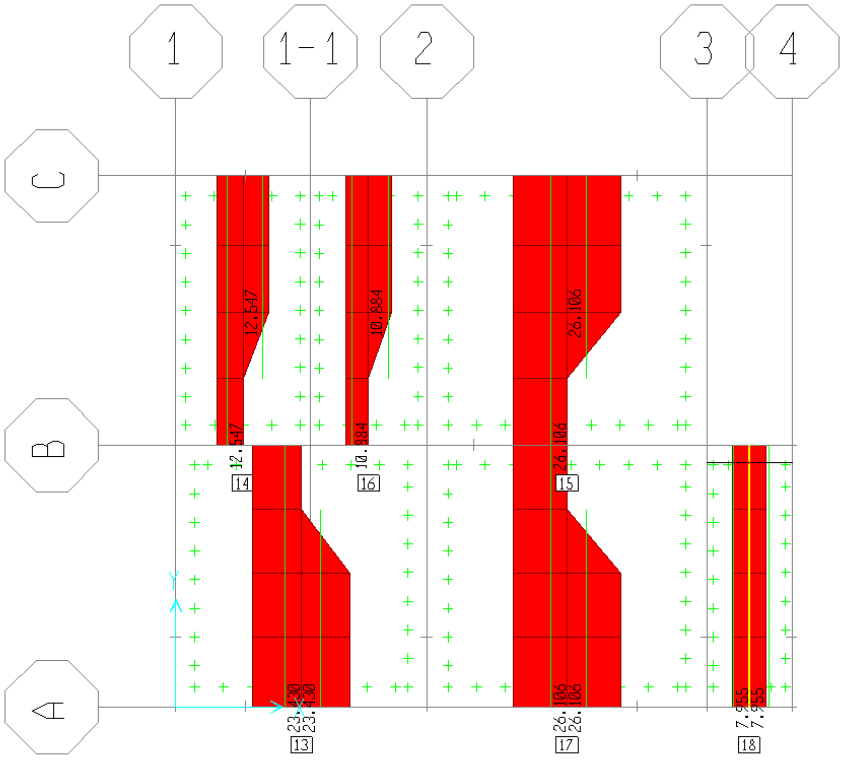
2. 地樑設計



3. 基版 X 向鋼筋需求


1
1-1
2
3
4
C
B
A
25.130
25.130
130
130
25.130
25.130
25.130
24.407
24.407
24.407
24.407
24.407
24.407
X

4. 基版 Y 向鋼筋需求



附錄

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$ PROGRAM INFORMATION
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$ 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 419.4  SIMILARTO "2F"
  STORY "3F"  HEIGHT 320  SIMILARTO "2F"
  STORY "2F"  HEIGHT 350  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 "1-1"  DIR "X"  COORD 173.5  GRIDTYPE  "PRIMARY"  BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "2"  DIR "X"  COORD 324  GRIDTYPE  "PRIMARY"  BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "3"  DIR "X"  COORD 685  GRIDTYPE  "PRIMARY"  BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "4"  DIR "X"  COORD 795  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 337.5  GRIDTYPE  "PRIMARY"  BUBBLELOC "DEFAULT"  GRIDHIDE "NO"
  GRID "GLOBAL"  LABEL "C"  DIR "Y"  COORD 685  GRIDTYPE  "PRIMARY"  BUBBLELOC "DEFAULT"  GRIDHIDE "NO"

$ MATERIAL PROPERTIES
  MATERIAL  "STEEL"  M 8.010204E-06  W 0.00785  TYPE "ISOTROPIC"  E 2040000  U 0.3  A 1.16999999590917E-05
  MATERIAL  "STEEL"  DESIGNTYPE "STEEL"  FY 2500  FU 4000  PRICE 35
  MATERIAL  "CONC"  M 2.448012E-06  W 0.0024  TYPE "ISOTROPIC"  E 250998  U 0.2  A 9.89999989542412E-06
  MATERIAL  "CONC"  DESIGNTYPE "CONCRETE"  FY 4200  FC 280  FYS 2800
  MATERIAL  "OTHER"  M 7.324016E-12  W 2.83E-07  TYPE "ISOTROPIC"  E 2900  U 0.3  A 6.4999999267456E-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
  FRAMESECTION  "C100X50X20X2"  MATERIAL "SGC440"  SHAPE "General"  D 5  B 10  AREA 4.44  TORSION 15.6865  I33 15.6865  I22 71.8012  AS2 2  AS3 2  S33

$ 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 9  COVERBOTTOM 9  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"  -117.5 -120.000004768372
  POINT "2"  0 -120.000004768372
  POINT "3"  324 -120.000004768372
  POINT "4"  685 -120.000004768372
  POINT "5"  795 -120.000004768372
  POINT "6"  -117.5 -60.0000023841858
  POINT "7"  0 -60.0000023841858
  POINT "8"  324 -60.0000023841858
  POINT "9"  685 -60.0000023841858
  POINT "10"  795 -60.0000023841858
  POINT "11"  -117.5 0
  POINT "12"  0 0
  POINT "12-1"  0 0 130.7
  POINT "12-2"  0 0 160
  POINT "12-3"  0 0 175
  POINT "12-4"  0 0 275.05
  POINT "13"  90 0
  POINT "13-1"  90 0 130.7
  POINT "13-2"  90 0 160
  POINT "13-3"  90 0 175
  POINT "13-4"  90 0 275.05
  POINT "14"  324 0
  POINT "14-1"  324 0 130.7
  POINT "14-2"  324 0 160
  POINT "14-3"  324 0 175
  POINT "14-4"  324 0 275.05
  POINT "15"  595 0
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  POINT "15-2"  595 0 160
  POINT "15-3"  595 0 175
  POINT "15-4"  595 0 275.05
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  POINT "18-1"  0 48.2142865657806 112.0286
  POINT "19"  324 48.2142865657806
  POINT "19-1"  324 48.2142865657806 112.0286
  POINT "20"  685 48.2142865657806
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  POINT "26-2"  0 89.9999976158142 160
  POINT "26-3"  0 89.9999976158142 175
  POINT "26-4"  0 89.9999976158142 275.05
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  POINT "35-1"  0 144.642853736877 74.68571
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  POINT "46"  0 225
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  POINT "49"  795 225
  POINT "50"  0 241.071438789368
  POINT "50-1"  0 241.071438789368 37.34286
  POINT "51"  324 241.071438789368
  POINT "51-1"  324 241.071438789368 37.34286
  POINT "52"  685 241.071438789368
  POINT "52-1"  685 241.071438789368 37.34286
  POINT "54"  0 281.25
  POINT "55"  324 281.25
  POINT "56"  685 281.25
  POINT "57"  795 281.25
  POINT "58"  0 289.285707473755
  POINT "58-1"  0 289.285707473755 18.67143
  POINT "59"  324 289.285707473755
  POINT "59-1"  324 289.285707473755 18.67143
  POINT "60"  685 289.285707473755
  POINT "60-1"  685 289.285707473755 18.67143
  POINT "69"  0 337.5
  POINT "69-1"  0 337.5 130.7
  POINT "70"  173.5 337.5
  POINT "71"  324 337.5
  POINT "71-1"  324 337.5 130.7
  POINT "71-2"  324 337.5 160
  POINT "71-3"  324 337.5 175
  POINT "71-4"  324 337.5 275.05
  POINT "72"  384 337.5
  POINT "72-1"  384 337.5 160
  POINT "72-2"  384 337.5 175
  POINT "72-3"  384 337.5 275.05
  POINT "73"  685 337.5
  POINT "73-1"  685 337.5 130.7
  POINT "74"  795 337.5
  POINT "76"  0 387.142848968506
  POINT "76-1"  0 387.142848968506 18.67143
  POINT "77"  324 387.142848968506
  POINT "77-1"  324 387.142848968506 18.67143
  POINT "78"  685 387.142848968506
  POINT "78-1"  685 387.142848968506 18.67143
  POINT "79"  173.5 395.416665077209
  POINT "80"  324 395.416665077209
  POINT "81"  685 395.416665077209
  POINT "82"  795 395.416665077209
  POINT "83"  0 436.785697937012
  POINT "83-1"  0 436.785697937012 37.34286
  POINT "84"  324 436.785697937012
  POINT "84-1"  324 436.785697937012 37.34286
  POINT "85"  685 436.785697937012
  POINT "85-1"  685 436.785697937012 37.34286
  POINT "86"  173.5 453.336668014526
  POINT "87"  324 453.336668014526
  POINT "88"  685 453.336668014526
  POINT "89"  795 453.336668014526
  POINT "90"  0 486.428594589233
  POINT "90-1"  0 486.428594589233 56.01429
  POINT "91"  324 486.428594589233
  POINT "91-1"  324 486.428594589233 56.01429
  POINT "92"  685 486.428594589233
  POINT "92-1"  685 486.428594589233 56.01429
  POINT "93"  173.5 511.256647109985
  POINT "94"  324 511.256647109985
  POINT "95"  685 511.256647109985
  POINT "96"  795 511.256647109985
  POINT "97"  0 536.071443557739
  POINT "97-1"  0 536.071443557739 74.68571
  POINT "98"  324 536.071443557739
  POINT "98-1"  324 536.071443557739 74.68571
  POINT "99"  685 536.071443557739
  POINT "99-1"  685 536.071443557739 74.68571
  POINT "100"  173.5 569.17667388916
  POINT "101"  324 569.17667388916
  POINT "102"  685 569.17667388916
  POINT "103"  795 569.17667388916
  POINT "104"  0 594.999980926514
  POINT "104-1"  0 594.999980926514 96.84964
  POINT "104-2"  0 594.999980926514 160
  POINT "104-3"  0 594.999980926514 175
  POINT "104-4"  0 594.999980926514 275.05
  POINT "105"  324 594.999980926514
  POINT "105-1"  324 594.999980926514 96.84964
  POINT "105-2"  324 594.999980926514 160
  POINT "105-3"  324 594.999980926514 175
  POINT "105-4"  324 594.999980926514 275.05
  POINT "106"  685 594.999980926514
  POINT "106-1"  685 594.999980926514 96.84964
  POINT "106-2"  685 594.999980926514 160
  POINT "106-3"  685 594.999980926514 175
  POINT "106-4"  685 594.999980926514 275.05
  POINT "107"  795 594.999980926514
  POINT "108"  173.5 627.096652984619
  POINT "109"  324 627.096652984619
  POINT "110"  685 627.096652984619
  POINT "111"  795 627.096652984619
  POINT "112"  0 635.357141494751
  POINT "112-1"  0 635.357141494751 112.0286
  POINT "113"  324 635.357141494751
  POINT "113-1"  324 635.357141494751 112.0286
  POINT "114"  685 635.357141494751
  POINT "114-1"  685 635.357141494751 112.0286
  POINT "115"  0 684.999990463257
  POINT "115-1"  0 684.999990463257 130.7
  POINT "115-2"  0 684.999990463257 160
  POINT "115-3"  0 684.999990463257 175
  POINT "115-4"  0 684.999990463257 275.05
  POINT "116"  90 684.999990463257
  POINT "116-1"  90 684.999990463257 130.7
  POINT "116-2"  90 684.999990463257 160
  POINT "116-3"  90 684.999990463257 175
  POINT "116-4"  90 684.999990463257 275.05
  POINT "117"  173.5 684.999990463257
  POINT "118"  324 684.999990463257
  POINT "118-1"  324 684.999990463257 130.7
  POINT "118-2"  324 684.999990463257 160
  POINT "118-3"  324 684.999990463257 175
  POINT "118-4"  324 684.999990463257 275.05
  POINT "119"  595 684.999990463257
  POINT "119-1"  595 684.999990463257 130.7
  POINT "119-2"  595 684.999990463257 160
  POINT "119-3"  595 684.999990463257 175
  POINT "119-4"  595 684.999990463257 275.05
  POINT "120"  685 684.999990463257
  POINT "120-1"  685 684.999990463257 130.7
  POINT "120-2"  685 684.999990463257 160
  POINT "120-3"  685 684.999990463257 175
  POINT "120-4"  685 684.999990463257 275.05
  POINT "121"  795 684.999990463257

$ LINE CONNECTIVITIES
  LINE  "C1"  COLUMN  "12"  "12"  1
  LINE  "C1-1"  COLUMN  "12"  "12-1"  1
  LINE  "C2"  COLUMN  "13"  "13"  1
  LINE  "C2-1"  COLUMN  "13"  "13-1"  1
  LINE  "C3"  COLUMN  "14"  "14"  1
  LINE  "C3-1"  COLUMN  "14"  "14-1"  1
  LINE  "C4"  COLUMN  "15"  "15"  1
  LINE  "C4-1"  COLUMN  "15"  "15-1"  1
  LINE  "C5"  COLUMN  "16"  "16"  1
  LINE  "C5-1"  COLUMN  "16"  "16-1"  1
  LINE  "C6"  COLUMN  "17"  "17"  1
```

```
LINE "C7" COLUMN "26" "26" 1
LINE "C7-1" COLUMN "26" "26-1" 1
LINE "C8" COLUMN "27" "27" 1
LINE "C8-1" COLUMN "27" "27-1" 1
LINE "C9" COLUMN "28" "28" 1
LINE "C9-1" COLUMN "28" "28-1" 1
LINE "C10" COLUMN "29" "29" 1
LINE "C11" COLUMN "69" "69" 1
LINE "C12" COLUMN "71" "71" 1
LINE "C12-1" COLUMN "71-1" "71" 0
LINE "C12-2" COLUMN "71" "71-1" 1
LINE "C13" COLUMN "72" "72" 1
LINE "C14" COLUMN "73" "73" 1
LINE "C15" COLUMN "74" "74" 1
LINE "C16" COLUMN "104" "104" 1
LINE "C16-1" COLUMN "104" "104-1" 1
LINE "C17" COLUMN "105" "105" 1
LINE "C17-1" COLUMN "105" "105-1" 1
LINE "C18" COLUMN "106" "106" 1
LINE "C18-1" COLUMN "106" "106-1" 1
LINE "C19" COLUMN "115" "115" 1
LINE "C19-1" COLUMN "115" "115-1" 1
LINE "C20" COLUMN "116" "116" 1
LINE "C20-1" COLUMN "116" "116-1" 1
LINE "C21" COLUMN "118" "118" 1
LINE "C21-1" COLUMN "118" "118-1" 1
LINE "C22" COLUMN "119" "119" 1
LINE "C22-1" COLUMN "119" "119-1" 1
LINE "C23" COLUMN "120" "120" 1
LINE "C23-1" COLUMN "120" "120-1" 1
LINE "B1" BEAM "1" "2" 0
LINE "B2" BEAM "2" "3" 0
LINE "B3" BEAM "3" "4" 0
LINE "B4" BEAM "4" "5" 0
LINE "B5" BEAM "1" "11" 0
LINE "B6" BEAM "6" "7" 0
LINE "B7" BEAM "2" "12" 0
LINE "B8" BEAM "7" "8" 0
LINE "B9" BEAM "3" "14" 0
LINE "B10" BEAM "8" "9" 0
LINE "B11" BEAM "4" "16" 0
LINE "B12" BEAM "9" "10" 0
LINE "B13" BEAM "5" "17" 0
LINE "B14" BEAM "11" "12" 0
LINE "B15" BEAM "12-4" "13-4" 0
LINE "B16" BEAM "12-2" "13-2" 0
LINE "B17" BEAM "12-3" "13-3" 0
LINE "B18" BEAM "12" "14" 0
LINE "B19" BEAM "12-1" "14-1" 0
LINE "B20" BEAM "14" "16" 0
LINE "B21" BEAM "14-1" "16-1" 0
LINE "B22" BEAM "15-3" "16-3" 0
LINE "B23" BEAM "15-2" "16-2" 0
LINE "B24" BEAM "15-4" "16-4" 0
LINE "B25" BEAM "16" "17" 0
LINE "B26" BEAM "12-4" "26-4" 0
LINE "B27" BEAM "12-2" "26-2" 0
LINE "B28" BEAM "12-3" "26-3" 0
LINE "B29" BEAM "14-4" "27-4" 0
LINE "B30" BEAM "14-2" "27-2" 0
LINE "B31" BEAM "14-3" "27-3" 0
LINE "B32" BEAM "16-4" "28-4" 0
LINE "B33" BEAM "16-2" "28-2" 0
LINE "B34" BEAM "16-3" "28-3" 0
LINE "B35" BEAM "18-1" "19-1" 0
LINE "B36" BEAM "19-1" "20-1" 0
LINE "B37" BEAM "21" "22" 0
LINE "B38" BEAM "22" "23" 0
LINE "B39" BEAM "23" "24" 0
LINE "B40" BEAM "24" "25" 0
LINE "B41" BEAM "11" "38" 0
LINE "B42" BEAM "26-1" "27-1" 0
LINE "B43" BEAM "27-1" "28-1" 0
LINE "B44" BEAM "30" "31" 0
LINE "B45" BEAM "31" "32" 0
LINE "B46" BEAM "32" "33" 0
LINE "B47" BEAM "33" "34" 0
LINE "B48" BEAM "35-1" "36-1" 0
LINE "B49" BEAM "36-1" "37-1" 0
LINE "B50" BEAM "38" "39" 0
LINE "B51" BEAM "12" "69" 0
LINE "B52" BEAM "39" "40" 0
LINE "B53" BEAM "14" "71" 0
LINE "B54" BEAM "40" "41" 0
LINE "B55" BEAM "16" "73" 0
LINE "B56" BEAM "41" "42" 0
LINE "B57" BEAM "17" "74" 0
LINE "B58" BEAM "74" "17" 0
LINE "B59" BEAM "43-1" "44-1" 0
LINE "B60" BEAM "44-1" "45-1" 0
LINE "B61" BEAM "46" "47" 0
LINE "B62" BEAM "47" "48" 0
LINE "B63" BEAM "48" "49" 0
LINE "B64" BEAM "50-1" "51-1" 0
LINE "B65" BEAM "51-1" "52-1" 0
LINE "B66" BEAM "54" "55" 0
LINE "B67" BEAM "55" "56" 0
LINE "B68" BEAM "56" "57" 0
LINE "B69" BEAM "58-1" "59-1" 0
LINE "B70" BEAM "59-1" "60-1" 0
LINE "B71" BEAM "69" "71" 0
LINE "B72" BEAM "69-1" "71-1" 0
LINE "B73" BEAM "71-2" "72-1" 0
LINE "B74" BEAM "71-3" "72-2" 0
LINE "B75" BEAM "71-4" "72-3" 0
LINE "B76" BEAM "71" "73" 0
LINE "B77" BEAM "71-1" "73-1" 0
LINE "B78" BEAM "73" "74" 0
LINE "B79" BEAM "12-1" "115-1" 0
LINE "B80" BEAM "12" "115" 0
LINE "B81" BEAM "14-1" "118-1" 0
LINE "B82" BEAM "14" "118" 0
LINE "B83" BEAM "16-1" "120-1" 0
LINE "B84" BEAM "16" "120" 0
LINE "B85" BEAM "76-1" "77-1" 0
LINE "B86" BEAM "77-1" "78-1" 0
LINE "B87" BEAM "79" "80" 0
LINE "B88" BEAM "80" "81" 0
LINE "B89" BEAM "81" "82" 0
LINE "B90" BEAM "83-1" "84-1" 0
LINE "B91" BEAM "84-1" "85-1" 0
LINE "B92" BEAM "86" "87" 0
LINE "B93" BEAM "87" "88" 0
LINE "B94" BEAM "88" "89" 0
LINE "B95" BEAM "90-1" "91-1" 0
LINE "B96" BEAM "91-1" "92-1" 0
LINE "B97" BEAM "69" "115" 0
LINE "B98" BEAM "70" "117" 0
LINE "B99" BEAM "93" "94" 0
LINE "B100" BEAM "71" "118" 0
LINE "B101" BEAM "94" "95" 0
LINE "B102" BEAM "73" "120" 0
LINE "B103" BEAM "95" "96" 0
LINE "B104" BEAM "121" "74" 0
LINE "B105" BEAM "97-1" "98-1" 0
LINE "B106" BEAM "98-1" "99-1" 0
LINE "B107" BEAM "100" "101" 0
LINE "B108" BEAM "101" "102" 0
LINE "B109" BEAM "102" "103" 0
LINE "B110" BEAM "104-1" "105-1" 0
LINE "B111" BEAM "105-1" "106-1" 0
LINE "B112" BEAM "108" "109" 0
LINE "B113" BEAM "109" "110" 0
LINE "B114" BEAM "110" "111" 0
LINE "B115" BEAM "112-1" "113-1" 0
LINE "B116" BEAM "113-1" "114-1" 0
LINE "B117" BEAM "104-4" "115-4" 0
LINE "B118" BEAM "104-2" "115-2" 0
LINE "B119" BEAM "104-3" "115-3" 0
LINE "B120" BEAM "105-4" "118-4" 0
LINE "B121" BEAM "105-2" "118-2" 0
LINE "B122" BEAM "105-3" "118-3" 0
LINE "B123" BEAM "106-4" "120-4" 0
LINE "B124" BEAM "106-2" "120-2" 0
LINE "B125" BEAM "106-3" "120-3" 0
LINE "B126" BEAM "115-4" "116-4" 0
LINE "B127" BEAM "115-2" "116-2" 0
LINE "B128" BEAM "115-3" "116-3" 0
LINE "B129" BEAM "115" "118" 0
LINE "B130" BEAM "115-1" "118-1" 0
LINE "B131" BEAM "118" "120" 0
LINE "B132" BEAM "118-1" "120-1" 0
LINE "B133" BEAM "119-3" "120-3" 0
LINE "B134" BEAM "119-2" "120-2" 0
LINE "B135" BEAM "119-4" "120-4" 0
LINE "B136" BEAM "120" "121" 0
LINE "D1" BRACE "13-4" "12-1" 0
LINE "D2" BRACE "13" "12-4" 1
LINE "D3" BRACE "13-2" "12" 0
LINE "D4" BRACE "13" "12-2" 1
LINE "D5" BRACE "13-3" "12" 0
LINE "D6" BRACE "13" "12-3" 1
LINE "D7" BRACE "15" "16-3" 1
LINE "D8" BRACE "15-3" "16" 0
LINE "D9" BRACE "15" "16-2" 1
LINE "D10" BRACE "15-2" "16" 0
LINE "D11" BRACE "15" "16-4" 1
LINE "D12" BRACE "15-4" "16-1" 0
LINE "D13" BRACE "26-4" "12-1" 0
LINE "D14" BRACE "26" "12-4" 1
LINE "D15" BRACE "26-2" "12" 0
LINE "D16" BRACE "26" "12-2" 1
LINE "D17" BRACE "26-3" "12" 0
LINE "D18" BRACE "26" "12-3" 1
LINE "D19" BRACE "27-4" "14-1" 0
LINE "D20" BRACE "27" "14-4" 1
LINE "D21" BRACE "27-2" "14" 0
LINE "D22" BRACE "27" "14-2" 1
LINE "D23" BRACE "27-3" "14" 0
LINE "D24" BRACE "27" "14-3" 1
LINE "D25" BRACE "28-4" "16-1" 0
LINE "D26" BRACE "28" "16-4" 1
LINE "D27" BRACE "28-2" "16" 0
LINE "D28" BRACE "28" "16-2" 1
LINE "D29" BRACE "28-3" "16" 0
LINE "D30" BRACE "28" "16-3" 1
LINE "D31" BRACE "12-1" "69" 0
LINE "D32" BRACE "14-1" "71" 0
LINE "D33" BRACE "16-1" "73" 0
LINE "D34" BRACE "72-1" "71" 0
LINE "D35" BRACE "72" "71-2" 1
LINE "D36" BRACE "72-2" "71" 0
LINE "D37" BRACE "72" "71-3" 1
LINE "D38" BRACE "72" "71-4" 1
LINE "D39" BRACE "72-3" "71-1" 0
LINE "D40" BRACE "73" "74" 1
LINE "D41" BRACE "115-1" "69" 0
LINE "D42" BRACE "118-1" "71" 0
LINE "D43" BRACE "120-1" "73" 0
LINE "D44" BRACE "104-4" "115-1" 0
LINE "D45" BRACE "104" "115-4" 1
LINE "D46" BRACE "104-2" "115" 0
LINE "D47" BRACE "104" "115-2" 1
LINE "D48" BRACE "104-3" "115" 0
LINE "D49" BRACE "104" "115-3" 1
LINE "D50" BRACE "105-4" "118-1" 0
LINE "D51" BRACE "105" "118-4" 1
LINE "D52" BRACE "105-2" "118" 0
LINE "D53" BRACE "105" "118-2" 1
LINE "D54" BRACE "105-3" "118" 0
LINE "D55" BRACE "105" "118-3" 1
LINE "D56" BRACE "106-4" "120-1" 0
LINE "D57" BRACE "106" "120-4" 1
LINE "D58" BRACE "106-2" "120" 0
LINE "D59" BRACE "106" "120-2" 1
LINE "D60" BRACE "106-3" "120" 0
LINE "D61" BRACE "106" "120-3" 1
LINE "D62" BRACE "116-4" "115-1" 0
LINE "D63" BRACE "116" "115-4" 1
LINE "D64" BRACE "116-2" "115" 0
LINE "D65" BRACE "116" "115-2" 1
LINE "D66" BRACE "116-3" "115" 0
LINE "D67" BRACE "116" "115-3" 1
LINE "D68" BRACE "119" "120-3" 1
LINE "D69" BRACE "119-3" "120" 0
LINE "D70" BRACE "119" "120-2" 1
LINE "D71" BRACE "119-2" "120" 0
LINE "D72" BRACE "119" "120-4" 1
LINE "D73" BRACE "119-4" "120-1" 0

$ AREA CONNECTIVITIES
  AREA "F1" FLOOR 4 "69" "12" "14" "71" 0 0 0 0
  AREA "F2" FLOOR 4 "71" "14" "16" "73" 0 0 0 0
  AREA "F3" FLOOR 4 "16" "17" "74" "73" 0 0 0 0
  AREA "F4" FLOOR 4 "115" "69" "70" "117" 0 0 0 0
  AREA "F5" FLOOR 4 "71" "118" "117" "70" 0 0 0 0
  AREA "F6" FLOOR 4 "120" "118" "71" "73" 0 0 0 0

$ POINT ASSIGNS
  POINTASSIGN "12" "BASE" DIAPH "D1"
  POINTASSIGN "69" "BASE" DIAPH "D1"
  POINTASSIGN "115" "BASE" DIAPH "D1"
  POINTASSIGN "118" "BASE" DIAPH "D1"
  POINTASSIGN "120" "BASE" DIAPH "D1"
  POINTASSIGN "71" "BASE" DIAPH "D1"
  POINTASSIGN "14" "BASE" DIAPH "D1"
  POINTASSIGN "73" "BASE" DIAPH "D1"
  POINTASSIGN "16" "BASE" DIAPH "D1"
  POINTASSIGN "17" "BASE" DIAPH "D1"
  POINTASSIGN "74" "BASE" DIAPH "D1"
  POINTASSIGN "70" "BASE" DIAPH "D1"
  POINTASSIGN "117" "BASE" DIAPH "D1"
  POINTASSIGN "12" "2F" DIAPH "D1"
  POINTASSIGN "12" "3F" DIAPH "D1"
  POINTASSIGN "12-1" "PRF" DIAPH "D1"
  POINTASSIGN "69" "2F" DIAPH "D1"
  POINTASSIGN "69" "3F" DIAPH "D1"
  POINTASSIGN "69" "PRF" DIAPH "D1"
  POINTASSIGN "115" "2F" DIAPH "D1"
  POINTASSIGN "115" "3F" DIAPH "D1"
  POINTASSIGN "115-1" "PRF" DIAPH "D1"
  POINTASSIGN "26" "BASE" DIAPH "D1"
  POINTASSIGN "26" "2F" DIAPH "D1"
  POINTASSIGN "26" "3F" DIAPH "D1"
  POINTASSIGN "104" "BASE" DIAPH "D1"
  POINTASSIGN "104" "2F" DIAPH "D1"
  POINTASSIGN "104" "3F" DIAPH "D1"
  POINTASSIGN "26-1" "PRF" DIAPH "D1"
  POINTASSIGN "104-1" "PRF" DIAPH "D1"
  POINTASSIGN "2" "2F" DIAPH "D1"
  POINTASSIGN "14" "2F" DIAPH "D1"
  POINTASSIGN "14" "3F" DIAPH "D1"
  POINTASSIGN "14-1" "PRF" DIAPH "D1"
  POINTASSIGN "71" "2F" DIAPH "D1"
  POINTASSIGN "71" "3F" DIAPH "D1"
  POINTASSIGN "71" "PRF" DIAPH "D1"
  POINTASSIGN "118" "2F" DIAPH "D1"
  POINTASSIGN "118" "3F" DIAPH "D1"
  POINTASSIGN "118-1" "PRF" DIAPH "D1"
  POINTASSIGN "27" "2F" DIAPH "D1"
  POINTASSIGN "27" "3F" DIAPH "D1"
  POINTASSIGN "105" "2F" DIAPH "D1"
  POINTASSIGN "105" "3F" DIAPH "D1"
  POINTASSIGN "27-1" "PRF" DIAPH "D1"
  POINTASSIGN "105-1" "PRF" DIAPH "D1"
  POINTASSIGN "3" "2F" DIAPH "D1"
  POINTASSIGN "27" "BASE" DIAPH "D1"
  POINTASSIGN "105" "BASE" DIAPH "D1"
  POINTASSIGN "16" "2F" DIAPH "D1"
  POINTASSIGN "16" "3F" DIAPH "D1"
  POINTASSIGN "16-1" "PRF" DIAPH "D1"
  POINTASSIGN "73" "2F" DIAPH "D1"
  POINTASSIGN "73" "3F" DIAPH "D1"
  POINTASSIGN "73" "PRF" DIAPH "D1"
  POINTASSIGN "120" "2F" DIAPH "D1"
  POINTASSIGN "120" "3F" DIAPH "D1"
  POINTASSIGN "120-1" "PRF" DIAPH "D1"
  POINTASSIGN "28" "2F" DIAPH "D1"
  POINTASSIGN "28" "3F" DIAPH "D1"
  POINTASSIGN "106" "2F" DIAPH "D1"
  POINTASSIGN "106" "3F" DIAPH "D1"
  POINTASSIGN "28-1" "PRF" DIAPH "D1"
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POINTASSIGN "106-1" "PRF" DIAPH "D1"
POINTASSIGN "4" "2F" DIAPH "D1"
POINTASSIGN "28" "BASE" DIAPH "D1"
POINTASSIGN "106" "BASE" DIAPH "D1"
POINTASSIGN "17" "2F" DIAPH "D1"
POINTASSIGN "74" "2F" DIAPH "D1"
POINTASSIGN "121" "2F" DIAPH "D1"
POINTASSIGN "29" "2F" DIAPH "D1"
POINTASSIGN "107" "2F" DIAPH "D1"
POINTASSIGN "29" "BASE" DIAPH "D1"
POINTASSIGN "5" "2F" DIAPH "D1"
POINTASSIGN "11" "2F" DIAPH "D1"
POINTASSIGN "13" "BASE" DIAPH "D1"
POINTASSIGN "13" "2F" DIAPH "D1"
POINTASSIGN "13" "3F" DIAPH "D1"
POINTASSIGN "13-1" "PRF" DIAPH "D1"
POINTASSIGN "15" "BASE" DIAPH "D1"
POINTASSIGN "15" "2F" DIAPH "D1"
POINTASSIGN "15" "3F" DIAPH "D1"
POINTASSIGN "15-1" "PRF" DIAPH "D1"
POINTASSIGN "69-1" "PRF" DIAPH "D1"
POINTASSIGN "71-1" "PRF" DIAPH "D1"
POINTASSIGN "73-1" "PRF" DIAPH "D1"
POINTASSIGN "72" "BASE" DIAPH "D1"
POINTASSIGN "72" "2F" DIAPH "D1"
POINTASSIGN "72" "3F" DIAPH "D1"
POINTASSIGN "72" "PRF" DIAPH "D1"
POINTASSIGN "116" "BASE" DIAPH "D1"
POINTASSIGN "116" "2F" DIAPH "D1"
POINTASSIGN "116" "3F" DIAPH "D1"
POINTASSIGN "116-1" "PRF" DIAPH "D1"
POINTASSIGN "119" "BASE" DIAPH "D1"
POINTASSIGN "119" "2F" DIAPH "D1"
POINTASSIGN "119" "3F" DIAPH "D1"
POINTASSIGN "119-1" "PRF" DIAPH "D1"
POINTASSIGN "1" "2F" DIAPH "D1"
POINTASSIGN "6" "2F" DIAPH "D1"
POINTASSIGN "7" "2F" DIAPH "D1"
POINTASSIGN "8" "2F" DIAPH "D1"
POINTASSIGN "9" "2F" DIAPH "D1"
POINTASSIGN "10" "2F" DIAPH "D1"
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POINTASSIGN "23" "2F" DIAPH "D1"
POINTASSIGN "24" "2F" DIAPH "D1"
POINTASSIGN "25" "2F" DIAPH "D1"
POINTASSIGN "21" "2F" DIAPH "D1"
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POINTASSIGN "32" "2F" DIAPH "D1"
POINTASSIGN "33" "2F" DIAPH "D1"
POINTASSIGN "34" "2F" DIAPH "D1"
POINTASSIGN "30" "2F" DIAPH "D1"
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POINTASSIGN "95" "2F" DIAPH "D1"
POINTASSIGN "96" "2F" DIAPH "D1"
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POINTASSIGN "102" "2F" DIAPH "D1"
POINTASSIGN "103" "2F" DIAPH "D1"
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POINTASSIGN "102" "3F" DIAPH "D1"
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POINTASSIGN "110" "3F" DIAPH "D1"
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POINTASSIGN "43-1" "PRF" DIAPH "D1"
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POINTASSIGN "83-1" "PRF" DIAPH "D1"
POINTASSIGN "76-1" "PRF" DIAPH "D1"
POINTASSIGN "20-1" "PRF" DIAPH "D1"
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POINTASSIGN "45-1" "PRF" DIAPH "D1"
POINTASSIGN "52-1" "PRF" DIAPH "D1"
POINTASSIGN "60-1" "PRF" DIAPH "D1"
POINTASSIGN "114-1" "PRF" DIAPH "D1"
POINTASSIGN "99-1" "PRF" DIAPH "D1"
POINTASSIGN "92-1" "PRF" DIAPH "D1"
POINTASSIGN "85-1" "PRF" DIAPH "D1"
POINTASSIGN "78-1" "PRF" DIAPH "D1"
POINTASSIGN "19-1" "PRF" DIAPH "D1"
POINTASSIGN "36-1" "PRF" DIAPH "D1"
POINTASSIGN "44-1" "PRF" DIAPH "D1"
POINTASSIGN "51-1" "PRF" DIAPH "D1"
POINTASSIGN "59-1" "PRF" DIAPH "D1"
POINTASSIGN "113-1" "PRF" DIAPH "D1"
POINTASSIGN "98-1" "PRF" DIAPH "D1"
POINTASSIGN "91-1" "PRF" DIAPH "D1"
POINTASSIGN "84-1" "PRF" DIAPH "D1"
POINTASSIGN "77-1" "PRF" DIAPH "D1"
POINTASSIGN "117" "BASE" RESTRAINT "UX UY UZ"
POINTASSIGN "12" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "69" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "115" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "118" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "120" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "71" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "14" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "73" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "16" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "17" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "74" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "26" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "104" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "27" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "105" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
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POINTASSIGN "13" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "15" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "72" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "116" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "119" "BASE" RESTRAINT "UX UY UZ RX RY RZ"

$ LINE ASSIGNS
LINEASSIGN "B51" "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 "B129" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B131" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B71" "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 "B18" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B53" "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 "B102" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B20" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B25" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B57" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B55" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B98" "BASE" SECTION "RB60X40C4" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C1" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C1" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C1-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C11" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C11" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C11" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C19" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C19" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C19-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B79" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C7" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C7" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C16" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C16" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C7-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C16-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B26" "PRF" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B117" "PRF" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D13" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D14" "PRF" 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 "D15" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B27" "3F" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B118" "3F" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D46" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D16" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D47" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B28" "2F" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B119" "2F" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D17" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D18" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D48" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D49" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B80" "3F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B7" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C3" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C3" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C3-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C12" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C12" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C21" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C21" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C21-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B81" "PRF" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C8" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C8" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C17" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C17" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C8-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C17-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B29" "PRF" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B120" "PRF" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D19" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D20" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D50" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D51" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D21" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B30" "3F" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B121" "3F" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D52" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D22" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D53" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B31" "2F" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B122" "2F" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D23" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D24" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D54" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D55" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B82" "3F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B9" "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" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C5-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C14" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C14" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C14" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C23" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C23" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C23-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B83" "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" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C18" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C18" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C9-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C18-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B32" "PRF" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B123" "PRF" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D25" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D26" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D56" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D57" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D27" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B33" "3F" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B124" "3F" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D58" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D28" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D59" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B34" "2F" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B125" "2F" SECTION "U100X100X2.0" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "D29" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D30" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D60" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "D61" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B84" "3F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B11" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C6" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C15" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C10" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "B13" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B18" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B20" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B25" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B14" "2F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B18" "3F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B20" "3F" SECTION "2SC125X50X20X2" ANG 0 MAXSTASPC 50 CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "C2" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C2" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C2-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C4" "2F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C4" "3F" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
LINEASSIGN "C4-1" "PRF" SECTION "U100X100X2.0" ANG 0 MINNUMSTA 3 MESH "POINTSANDLINES"
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LINEASSIGN  "D1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B15"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D2"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B16"  "3F"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D3"  "3F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D4"  "3F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B17"  "2F"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D5"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D6"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D7"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B22"  "2F"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D8"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D9"  "3F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B23"  "3F"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D10"  "3F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D11"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B24"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D12"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B19"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B21"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B71"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B76"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B71"  "3F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B76"  "3F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B72"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B77"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "C13"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "C13"  "3F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "C13"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "C12-2"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "C12-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D34"  "3F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B73"  "3F"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D35"  "3F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B74"  "2F"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D36"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D37"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B75"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D38"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D39"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B78"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D40"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "C20"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "C20"  "3F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "C20-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "C22"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "C22"  "3F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "C22-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D62"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B126"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D63"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B127"  "3F"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D64"  "3F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D65"  "3F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B128"  "2F"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D66"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D67"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D68"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B133"  "2F"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D69"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D70"  "3F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B134"  "3F"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D71"  "3F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "D72"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B135"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D73"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
LINEASSIGN  "B129"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B131"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B136"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B129"  "3F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B131"  "3F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B130"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B132"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B5"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B1"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B2"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2J M3J"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B3"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B4"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B6"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B8"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2J M3J"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B10"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B12"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B38"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2J M3J"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B39"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B40"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B37"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B45"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2J M3J"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B46"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B47"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B44"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B52"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2J M3J"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B54"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B56"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B50"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B61"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B62"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B63"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B66"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B67"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B68"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B41"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B51"  "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  "B53"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B100"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B55"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B102"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B104"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B58"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B98"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B87"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B88"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B89"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2J M3J"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B92"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B93"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B94"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2J M3J"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B99"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B101"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B103"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2J M3J"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B107"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B108"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B109"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2J M3J"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B112"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B113"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B114"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2J M3J"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B38"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B39"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B45"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B46"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B52"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B54"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B61"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B62"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B66"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B67"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B98"  "3F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B87"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B88"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B92"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B93"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B99"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B101"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B107"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B108"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B112"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B113"  "3F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "M2I M3I"  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D31"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D41"  "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  "D43"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D32"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "D42"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B35"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B36"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B42"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B43"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B48"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B49"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B59"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B60"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B64"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B65"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B69"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B70"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B85"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B86"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B90"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B91"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B95"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B96"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B105"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B106"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B110"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B111"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B115"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B116"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B71"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B76"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
LINEASSIGN  "B78"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"

$ AREA ASSIGNS
  AREAASSIGN  "F1"  "BASE"  SECTION "S40"  OBJMESHTYPE "DEFAULT"
  AREAASSIGN  "F4"  "BASE"  SECTION "S40"  OBJMESHTYPE "DEFAULT"
  AREAASSIGN  "F6"  "BASE"  SECTION "S40"  OBJMESHTYPE "DEFAULT"
  AREAASSIGN  "F5"  "BASE"  SECTION "S40"  OBJMESHTYPE "DEFAULT"
  AREAASSIGN  "F2"  "BASE"  SECTION "S40"  OBJMESHTYPE "DEFAULT"
  AREAASSIGN  "F3"  "BASE"  SECTION "S40"  OBJMESHTYPE "DEFAULT"
  AREAASSIGN  "F1"  "BASE"  "SPRINGK3"  1
  AREAASSIGN  "F4"  "BASE"  "SPRINGK3"  1
  AREAASSIGN  "F6"  "BASE"  "SPRINGK3"  1
  AREAASSIGN  "F5"  "BASE"  "SPRINGK3"  1
  AREAASSIGN  "F2"  "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 4073.524  XLOC 550  YLOC 300
  WIND  "WX"  USERLOAD  "3F"  "D1"  FX 7032.724  XLOC 550  YLOC 300
  WIND  "WX"  USERLOAD  "2F"  "D1"  FX 6195.825  XLOC 550  YLOC 300
  WIND "WY"  "USER"
  WIND  "WY"  USERLOAD  "PRF"  "D1"  FY 4727.666  XLOC 550  YLOC 300
  WIND  "WY"  USERLOAD  "3F"  "D1"  FY 8162.066  XLOC 550  YLOC 300
  WIND  "WY"  USERLOAD  "2F"  "D1"  FY 7190.775  XLOC 550  YLOC 300

$ POINT OBJECT LOADS

$ LINE OBJECT LOADS
  LINELOAD  "B19"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B21"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B130"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B132"  "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  "B42"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B43"  "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  "B59"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B60"  "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  "B69"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B70"  "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  "B90"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B91"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B95"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B96"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B105"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B106"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B110"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B111"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B115"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B116"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B71"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B76"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "SDL"  FVAL 0.24
  LINELOAD  "B19"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B21"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B130"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B132"  "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  "B42"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B43"  "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  "B59"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B60"  "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  "B69"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B70"  "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  "B90"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B91"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B95"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B96"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B105"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B106"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B110"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B111"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B115"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B116"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B71"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B76"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.36
  LINELOAD  "B19"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B21"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B130"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B132"  "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  "B42"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B43"  "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  "B59"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B60"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B64"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B65"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B69"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B70"  "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  "B90"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B91"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B95"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B96"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B105"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B106"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B110"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B111"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B115"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B116"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B71"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
  LINELOAD  "B76"  "PRF"  TYPE "UNIFF"  DIR "GRAV"  LC "WX"  FVAL -1.68
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LINELOAD "B19" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B21" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B130" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B132" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B35" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B36" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B42" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B43" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B48" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B49" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B59" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B60" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B64" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B65" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B69" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B70" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B85" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B86" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B90" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B91" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B95" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B96" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B105" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B106" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B110" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B111" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B115" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B116" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B71" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B76" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B18" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B20" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B71" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B76" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B129" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B131" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B38" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B39" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B45" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B46" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B52" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B54" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B61" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B62" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B66" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B67" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B87" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B88" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B92" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B93" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B99" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B101" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B107" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B108" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B112" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B113" "3F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B18" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B20" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B71" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B76" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B129" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B131" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B38" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B39" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B45" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B46" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B52" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B54" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B61" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B62" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B66" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B67" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B87" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B88" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B92" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B93" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B99" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B101" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B107" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B108" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B112" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B113" "3F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B18" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B20" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B25" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B14" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B71" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B76" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B78" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B129" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B131" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B136" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B38" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B39" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B40" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B37" "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 "B47" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B44" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B52" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B54" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B56" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B50" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B61" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B62" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B63" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B66" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B67" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B68" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B87" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B88" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B89" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B92" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B93" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B94" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B99" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B101" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B103" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B107" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B108" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B109" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B112" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B113" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B114" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.36
LINELOAD "B18" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B20" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B25" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B14" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B71" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B76" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B78" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B129" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B131" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B136" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B1" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B2" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B3" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B4" "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 "B10" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B12" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B62" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B63" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B66" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B67" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B68" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B87" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B88" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B89" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B92" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B93" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B94" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B99" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B101" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B103" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B107" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B108" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B109" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B112" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B113" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B114" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B1" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B2" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B3" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B4" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B6" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B8" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B10" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B12" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24

$ AREA OBJECT LOADS
  AREALOAD "F1" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F1" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F4" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F4" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F6" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F6" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F5" "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 "SDL" FVAL 0.03
  AREALOAD "F2" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F3" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  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
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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
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 "EXP" 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"
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COMBO "BASE05" LOAD "DL" SF 1
COMBO "BASE05" LOAD "SDL" SF 1
COMBO "BASE05" LOAD "LL" SF 1
COMBO "BASE05" LOAD "EXP" SF 1
COMBO "BASE05" LOAD "WAH" SF 1
COMBO "BASE06" TYPE "ADD"
COMBO "BASE06" LOAD "DL" SF 1
COMBO "BASE06" LOAD "SDL" SF 1
COMBO "BASE06" LOAD "LL" SF 1
COMBO "BASE06" LOAD "EXP" SF 1
COMBO "BASE06" LOAD "WAN" SF 1
COMBO "BASE07" TYPE "ADD"
COMBO "BASE07" LOAD "DL" SF 1
COMBO "BASE07" LOAD "SDL" SF 1
COMBO "BASE07" LOAD "LL" SF 1
COMBO "BASE07" LOAD "EYP" SF 1
COMBO "BASE07" LOAD "WAH" SF 1
COMBO "BASE08" TYPE "ADD"
COMBO "BASE08" LOAD "DL" SF 1
COMBO "BASE08" LOAD "SDL" SF 1
COMBO "BASE08" LOAD "LL" SF 1
COMBO "BASE08" LOAD "EYP" SF 1
COMBO "BASE08" LOAD "WAN" SF 1
COMBO "BASE09" TYPE "ADD"
COMBO "BASE09" LOAD "DL" SF 1
COMBO "BASE09" LOAD "SDL" SF 1
COMBO "BASE09" LOAD "LL" SF 1
COMBO "BASE09" LOAD "EXN" SF 1
COMBO "BASE09" LOAD "WAH" SF 1
COMBO "BASE10" TYPE "ADD"
COMBO "BASE10" LOAD "DL" SF 1
COMBO "BASE10" LOAD "SDL" SF 1
COMBO "BASE10" LOAD "LL" SF 1
COMBO "BASE10" LOAD "EXN" SF 1
COMBO "BASE10" LOAD "WAN" SF 1
COMBO "BASE11" TYPE "ADD"
COMBO "BASE11" LOAD "DL" SF 1
COMBO "BASE11" LOAD "SDL" SF 1
COMBO "BASE11" LOAD "LL" SF 1
COMBO "BASE11" LOAD "EYN" SF 1
COMBO "BASE11" LOAD "WAH" SF 1
COMBO "BASE12" TYPE "ADD"
COMBO "BASE12" LOAD "DL" SF 1
COMBO "BASE12" LOAD "SDL" SF 1
COMBO "BASE12" LOAD "LL" SF 1
COMBO "BASE12" LOAD "EYN" SF 1
COMBO "BASE12" LOAD "WAN" SF 1
COMBO "BASE13" TYPE "ADD"
COMBO "BASE13" LOAD "DL" SF 1
COMBO "BASE13" LOAD "SDL" SF 1
COMBO "BASE13" LOAD "LL" SF 1
COMBO "BASE13" LOAD "EXP" SF -1
COMBO "BASE13" LOAD "WAH" SF 1
COMBO "BASE14" TYPE "ADD"
COMBO "BASE14" LOAD "DL" SF 1
COMBO "BASE14" LOAD "SDL" SF 1
COMBO "BASE14" LOAD "LL" SF 1
COMBO "BASE14" LOAD "EXP" SF -1
COMBO "BASE14" LOAD "WAN" SF 1
COMBO "BASE15" TYPE "ADD"
COMBO "BASE15" LOAD "DL" SF 1
COMBO "BASE15" LOAD "SDL" SF 1
COMBO "BASE15" LOAD "LL" SF 1
COMBO "BASE15" LOAD "EYP" SF -1
COMBO "BASE15" LOAD "WAH" SF 1
COMBO "BASE16" TYPE "ADD"
COMBO "BASE16" LOAD "DL" SF 1
COMBO "BASE16" LOAD "SDL" SF 1
COMBO "BASE16" LOAD "LL" SF 1
COMBO "BASE16" LOAD "EYP" SF -1
COMBO "BASE16" LOAD "WAN" SF 1
COMBO "BASE17" TYPE "ADD"
COMBO "BASE17" LOAD "DL" SF 1
COMBO "BASE17" LOAD "SDL" SF 1
COMBO "BASE17" LOAD "LL" SF 1
COMBO "BASE17" LOAD "EXN" SF -1
COMBO "BASE17" LOAD "WAH" SF 1
COMBO "BASE18" TYPE "ADD"
COMBO "BASE18" LOAD "DL" SF 1
COMBO "BASE18" LOAD "SDL" SF 1
COMBO "BASE18" LOAD "LL" SF 1
COMBO "BASE18" LOAD "EXN" SF -1
COMBO "BASE18" LOAD "WAN" SF 1
COMBO "BASE19" TYPE "ADD"
COMBO "BASE19" LOAD "DL" SF 1
COMBO "BASE19" LOAD "SDL" SF 1
COMBO "BASE19" LOAD "LL" SF 1
COMBO "BASE19" LOAD "EYN" SF -1
COMBO "BASE19" LOAD "WAH" SF 1
COMBO "BASE20" TYPE "ADD"
COMBO "BASE20" LOAD "DL" SF 1
COMBO "BASE20" LOAD "SDL" SF 1
COMBO "BASE20" LOAD "LL" SF 1
COMBO "BASE20" LOAD "EYN" SF -1
COMBO "BASE20" LOAD "WAN" SF 1
COMBO "BASE21" TYPE "ADD"
COMBO "BASE21" LOAD "DL" SF 1.4
COMBO "BASE21" LOAD "SDL" SF 1.4
COMBO "BASE21" LOAD "WAH" SF 1.4
COMBO "BASE22" TYPE "ADD"
COMBO "BASE22" LOAD "DL" SF 1.4
COMBO "BASE22" LOAD "SDL" SF 1.4
COMBO "BASE22" LOAD "WAN" SF 1.4
COMBO "BASE23" TYPE "ADD"
COMBO "BASE23" LOAD "DL" SF 1.2
COMBO "BASE23" LOAD "SDL" SF 1.2
COMBO "BASE23" LOAD "LL" SF 1.6
COMBO "BASE23" LOAD "WAH" SF 1.2
COMBO "BASE24" TYPE "ADD"
COMBO "BASE24" LOAD "DL" SF 1.2
COMBO "BASE24" LOAD "SDL" SF 1.2
COMBO "BASE24" LOAD "LL" SF 1.6
COMBO "BASE24" LOAD "WAN" SF 1.2
COMBO "BASE25" TYPE "ADD"
COMBO "BASE25" LOAD "DL" SF 1.2
COMBO "BASE25" LOAD "SDL" SF 1.2
COMBO "BASE25" LOAD "LL" SF 1
COMBO "BASE25" LOAD "EXP" SF 1.4
COMBO "BASE26" TYPE "ADD"
COMBO "BASE26" LOAD "DL" SF 1.2
COMBO "BASE26" LOAD "SDL" SF 1.2
COMBO "BASE26" LOAD "LL" SF 1
COMBO "BASE26" LOAD "EYP" SF 1.4
COMBO "BASE27" TYPE "ADD"
COMBO "BASE27" LOAD "DL" SF 1.2
COMBO "BASE27" LOAD "SDL" SF 1.2
COMBO "BASE27" LOAD "LL" SF 1
COMBO "BASE27" LOAD "EXN" SF 1.4
COMBO "BASE28" TYPE "ADD"
COMBO "BASE28" LOAD "DL" SF 1.2
COMBO "BASE28" LOAD "SDL" SF 1.2
COMBO "BASE28" LOAD "LL" SF 1
COMBO "BASE28" LOAD "EYN" SF 1.4
COMBO "BASE29" TYPE "ADD"
COMBO "BASE29" LOAD "DL" SF 1.2
COMBO "BASE29" LOAD "SDL" SF 1.2
COMBO "BASE29" LOAD "LL" SF 1
COMBO "BASE29" LOAD "EXP" SF -1.4
COMBO "BASE30" TYPE "ADD"
COMBO "BASE30" LOAD "DL" SF 1.2
COMBO "BASE30" LOAD "SDL" SF 1.2
COMBO "BASE30" LOAD "LL" SF 1
COMBO "BASE30" LOAD "EYP" SF -1.4
COMBO "BASE31" TYPE "ADD"
COMBO "BASE31" LOAD "DL" SF 1.2
COMBO "BASE31" LOAD "SDL" SF 1.2
COMBO "BASE31" LOAD "LL" SF 1
COMBO "BASE31" LOAD "EXN" SF -1.4
COMBO "BASE32" TYPE "ADD"
COMBO "BASE32" LOAD "DL" SF 1.2
COMBO "BASE32" LOAD "SDL" SF 1.2
COMBO "BASE32" LOAD "LL" SF 1
COMBO "BASE32" LOAD "EYN" SF -1.4
COMBO "BASE33" TYPE "ADD"
COMBO "BASE33" LOAD "DL" SF 0.9
COMBO "BASE33" LOAD "SDL" SF 0.9
COMBO "BASE33" LOAD "EXP" SF 1.4
COMBO "BASE34" TYPE "ADD"
COMBO "BASE34" LOAD "DL" SF 0.9
COMBO "BASE34" LOAD "SDL" SF 0.9
COMBO "BASE34" LOAD "EYP" SF 1.4
COMBO "BASE35" TYPE "ADD"
COMBO "BASE35" LOAD "DL" SF 0.9
COMBO "BASE35" LOAD "SDL" SF 0.9
COMBO "BASE35" LOAD "EXN" SF 1.4
COMBO "BASE36" TYPE "ADD"
COMBO "BASE36" LOAD "DL" SF 0.9
COMBO "BASE36" LOAD "SDL" SF 0.9
COMBO "BASE36" LOAD "EYN" SF 1.4
COMBO "BASE37" TYPE "ADD"
COMBO "BASE37" LOAD "DL" SF 0.9
COMBO "BASE37" LOAD "SDL" SF 0.9
COMBO "BASE37" LOAD "EXP" SF -1.4
COMBO "BASE38" TYPE "ADD"
COMBO "BASE38" LOAD "DL" SF 0.9
COMBO "BASE38" LOAD "SDL" SF 0.9
COMBO "BASE38" LOAD "EYP" SF -1.4
COMBO "BASE39" TYPE "ADD"
COMBO "BASE39" LOAD "DL" SF 0.9
COMBO "BASE39" LOAD "SDL" SF 0.9
COMBO "BASE39" LOAD "EXN" SF -1.4
COMBO "BASE40" TYPE "ADD"
COMBO "BASE40" LOAD "DL" SF 0.9
COMBO "BASE40" LOAD "SDL" SF 0.9
COMBO "BASE40" LOAD "EYN" SF -1.4
COMBO "ASD01" TYPE "ADD"
COMBO "ASD01" LOAD "DL" SF 1
COMBO "ASD01" LOAD "SDL" SF 1
COMBO "ASD01" LOAD "LL" SF 1
COMBO "ASD02" TYPE "ADD"
COMBO "ASD02" LOAD "DL" SF 1
COMBO "ASD02" LOAD "SDL" SF 1
COMBO "ASD02" LOAD "LL" SF 1
COMBO "ASD02" LOAD "EXP" SF 0.8
COMBO "ASD03" TYPE "ADD"
COMBO "ASD03" LOAD "DL" SF 1
COMBO "ASD03" LOAD "SDL" SF 1
COMBO "ASD03" LOAD "LL" SF 1
COMBO "ASD03" LOAD "EYP" SF 0.8
COMBO "ASD04" TYPE "ADD"
COMBO "ASD04" LOAD "DL" SF 1
COMBO "ASD04" LOAD "SDL" SF 1
COMBO "ASD04" LOAD "LL" SF 1
COMBO "ASD04" LOAD "EXP" SF -0.8
COMBO "ASD05" TYPE "ADD"
COMBO "ASD05" LOAD "DL" SF 1
COMBO "ASD05" LOAD "SDL" SF 1
COMBO "ASD05" LOAD "LL" SF 1
COMBO "ASD05" LOAD "EYP" SF -0.8
COMBO "ASD06" TYPE "ADD"
COMBO "ASD06" LOAD "DL" SF 1
COMBO "ASD06" LOAD "SDL" SF 1
COMBO "ASD06" LOAD "LL" SF 1
COMBO "ASD06" LOAD "WX" SF 1.25
COMBO "ASD07" TYPE "ADD"
COMBO "ASD07" LOAD "DL" SF 1
COMBO "ASD07" LOAD "SDL" SF 1
COMBO "ASD07" LOAD "LL" SF 1
COMBO "ASD07" LOAD "WY" SF 1.25
COMBO "ASD08" TYPE "ADD"
COMBO "ASD08" LOAD "DL" SF 1
COMBO "ASD08" LOAD "SDL" SF 1
COMBO "ASD08" LOAD "LL" SF 1
COMBO "ASD08" LOAD "WX" SF -1.25
COMBO "ASD09" TYPE "ADD"
COMBO "ASD09" LOAD "DL" SF 1
COMBO "ASD09" LOAD "SDL" SF 1
COMBO "ASD09" LOAD "LL" SF 1
COMBO "ASD09" LOAD "WY" SF -1.25
COMBO "ASD10" TYPE "ADD"
COMBO "ASD10" LOAD "DL" SF 0.9
COMBO "ASD10" LOAD "SDL" SF 0.9
COMBO "ASD10" LOAD "EXP" SF 0.8
COMBO "ASD11" TYPE "ADD"
COMBO "ASD11" LOAD "DL" SF 0.9
COMBO "ASD11" LOAD "SDL" SF 0.9
COMBO "ASD11" LOAD "EYP" SF 0.8
COMBO "ASD12" TYPE "ADD"
COMBO "ASD12" LOAD "DL" SF 0.9
COMBO "ASD12" LOAD "SDL" SF 0.9
COMBO "ASD12" LOAD "EXP" SF -0.8
COMBO "ASD13" TYPE "ADD"
COMBO "ASD13" LOAD "DL" SF 0.9
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"
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COMBO "DSTLS12" LOAD "DL" SF 0.9
COMBO "DSTLS12" LOAD "SDL" SF 0.9
COMBO "DSTLS12" LOAD "WX" SF -1.3
COMBO "DSTLS13" TYPE "ADD"
COMBO "DSTLS13" LOAD "DL" SF 0.9
COMBO "DSTLS13" LOAD "SDL" SF 0.9
COMBO "DSTLS13" LOAD "WY" SF 1.3
COMBO "DSTLS14" TYPE "ADD"
COMBO "DSTLS14" LOAD "DL" SF 0.9
COMBO "DSTLS14" LOAD "SDL" SF 0.9
COMBO "DSTLS14" LOAD "WY" SF -1.3
COMBO "DSTLS15" TYPE "ADD"
COMBO "DSTLS15" LOAD "DL" SF 1.4
COMBO "DSTLS15" LOAD "SDL" SF 1.4
COMBO "DSTLS15" LOAD "LL" SF 0.5
COMBO "DSTLS15" LOAD "EXP" SF 1.5
COMBO "DSTLS16" TYPE "ADD"
COMBO "DSTLS16" LOAD "DL" SF 1.4
COMBO "DSTLS16" LOAD "SDL" SF 1.4
COMBO "DSTLS16" LOAD "LL" SF 0.5
COMBO "DSTLS16" LOAD "EXP" SF -1.5
COMBO "DSTLS17" TYPE "ADD"
COMBO "DSTLS17" LOAD "DL" SF 1.4
COMBO "DSTLS17" LOAD "SDL" SF 1.4
COMBO "DSTLS17" LOAD "LL" SF 0.5
COMBO "DSTLS17" LOAD "EYP" SF 1.5
COMBO "DSTLS18" TYPE "ADD"
COMBO "DSTLS18" LOAD "DL" SF 1.4
COMBO "DSTLS18" LOAD "SDL" SF 1.4
COMBO "DSTLS18" LOAD "LL" SF 0.5
COMBO "DSTLS18" LOAD "EYP" SF -1.5
COMBO "DSTLS19" TYPE "ADD"
COMBO "DSTLS19" LOAD "DL" SF 1.4
COMBO "DSTLS19" LOAD "SDL" SF 1.4
COMBO "DSTLS19" LOAD "LL" SF 0.5
COMBO "DSTLS19" LOAD "EXN" SF 1.5
COMBO "DSTLS20" TYPE "ADD"
COMBO "DSTLS20" LOAD "DL" SF 1.4
COMBO "DSTLS20" LOAD "SDL" SF 1.4
COMBO "DSTLS20" LOAD "LL" SF 0.5
COMBO "DSTLS20" LOAD "EXN" SF -1.5
COMBO "DSTLS21" TYPE "ADD"
COMBO "DSTLS21" LOAD "DL" SF 1.4
COMBO "DSTLS21" LOAD "SDL" SF 1.4
COMBO "DSTLS21" LOAD "LL" SF 0.5
COMBO "DSTLS21" LOAD "EYN" SF 1.5
COMBO "DSTLS22" TYPE "ADD"
COMBO "DSTLS22" LOAD "DL" SF 1.4
COMBO "DSTLS22" LOAD "SDL" SF 1.4
COMBO "DSTLS22" LOAD "LL" SF 0.5
COMBO "DSTLS22" LOAD "EYN" SF -1.5
COMBO "DSTLS23" TYPE "ADD"
COMBO "DSTLS23" LOAD "DL" SF 1.4
COMBO "DSTLS23" LOAD "SDL" SF 1.4
COMBO "DSTLS23" LOAD "EXP" SF 1.5
COMBO "DSTLS24" TYPE "ADD"
COMBO "DSTLS24" LOAD "DL" SF 1.4
COMBO "DSTLS24" LOAD "SDL" SF 1.4
COMBO "DSTLS24" LOAD "EXP" SF -1.5
COMBO "DSTLS25" TYPE "ADD"
COMBO "DSTLS25" LOAD "DL" SF 1.4
COMBO "DSTLS25" LOAD "SDL" SF 1.4
COMBO "DSTLS25" LOAD "EYP" SF 1.5
COMBO "DSTLS26" TYPE "ADD"
COMBO "DSTLS26" LOAD "DL" SF 1.4
COMBO "DSTLS26" LOAD "SDL" SF 1.4
COMBO "DSTLS26" LOAD "EYP" SF -1.5
COMBO "DSTLS27" TYPE "ADD"
COMBO "DSTLS27" LOAD "DL" SF 1.4
COMBO "DSTLS27" LOAD "SDL" SF 1.4
COMBO "DSTLS27" LOAD "EXN" SF 1.5
COMBO "DSTLS28" TYPE "ADD"
COMBO "DSTLS28" LOAD "DL" SF 1.4
COMBO "DSTLS28" LOAD "SDL" SF 1.4
COMBO "DSTLS28" LOAD "EXN" SF -1.5
COMBO "DSTLS29" TYPE "ADD"
COMBO "DSTLS29" LOAD "DL" SF 1.4
COMBO "DSTLS29" LOAD "SDL" SF 1.4
COMBO "DSTLS29" LOAD "EYN" SF 1.5
COMBO "DSTLS30" TYPE "ADD"
COMBO "DSTLS30" LOAD "DL" SF 1.4
COMBO "DSTLS30" LOAD "SDL" SF 1.4
COMBO "DSTLS30" LOAD "EYN" SF -1.5
COMBO "DSTLS31" TYPE "ADD"
COMBO "DSTLS31" LOAD "DL" SF 0.7
COMBO "DSTLS31" LOAD "SDL" SF 0.7
COMBO "DSTLS31" LOAD "EXP" SF 1.5
COMBO "DSTLS32" TYPE "ADD"
COMBO "DSTLS32" LOAD "DL" SF 0.7
COMBO "DSTLS32" LOAD "SDL" SF 0.7
COMBO "DSTLS32" LOAD "EXP" SF -1.5
COMBO "DSTLS33" TYPE "ADD"
COMBO "DSTLS33" LOAD "DL" SF 0.7
COMBO "DSTLS33" LOAD "SDL" SF 0.7
COMBO "DSTLS33" LOAD "EYP" SF 1.5
COMBO "DSTLS34" TYPE "ADD"
COMBO "DSTLS34" LOAD "DL" SF 0.7
COMBO "DSTLS34" LOAD "SDL" SF 0.7
COMBO "DSTLS34" LOAD "EYP" SF -1.5
COMBO "DSTLS35" TYPE "ADD"
COMBO "DSTLS35" LOAD "DL" SF 0.7
COMBO "DSTLS35" LOAD "SDL" SF 0.7
COMBO "DSTLS35" LOAD "EXN" SF 1.5
COMBO "DSTLS36" TYPE "ADD"
COMBO "DSTLS36" LOAD "DL" SF 0.7
COMBO "DSTLS36" LOAD "SDL" SF 0.7
COMBO "DSTLS36" LOAD "EXN" SF -1.5
COMBO "DSTLS37" TYPE "ADD"
COMBO "DSTLS37" LOAD "DL" SF 0.7
COMBO "DSTLS37" LOAD "SDL" SF 0.7
COMBO "DSTLS37" LOAD "EYN" SF 1.5
COMBO "DSTLS38" TYPE "ADD"
COMBO "DSTLS38" LOAD "DL" SF 0.7
COMBO "DSTLS38" LOAD "SDL" SF 0.7
COMBO "DSTLS38" LOAD "EYN" SF -1.5
COMBO "DCON1" TYPE "ADD"
COMBO "DCON1" LOAD "DL" SF 1.4
COMBO "DCON1" LOAD "SDL" SF 1.4
COMBO "DCON2" TYPE "ADD"
COMBO "DCON2" LOAD "DL" SF 1.2
COMBO "DCON2" LOAD "SDL" SF 1.2
COMBO "DCON2" LOAD "LL" SF 1.6
COMBO "DCON3" TYPE "ADD"
COMBO "DCON3" LOAD "DL" SF 1.2
COMBO "DCON3" LOAD "SDL" SF 1.2
COMBO "DCON3" LOAD "LL" SF 1
COMBO "DCON3" LOAD "WX" SF 1.6
COMBO "DCON4" TYPE "ADD"
COMBO "DCON4" LOAD "DL" SF 1.2
COMBO "DCON4" LOAD "SDL" SF 1.2
COMBO "DCON4" LOAD "LL" SF 1
COMBO "DCON4" LOAD "WX" SF -1.6
COMBO "DCON5" TYPE "ADD"
COMBO "DCON5" LOAD "DL" SF 1.2
COMBO "DCON5" LOAD "SDL" SF 1.2
COMBO "DCON5" LOAD "LL" SF 1
COMBO "DCON5" LOAD "WY" SF 1.6
COMBO "DCON6" TYPE "ADD"
COMBO "DCON6" LOAD "DL" SF 1.2
COMBO "DCON6" LOAD "SDL" SF 1.2
COMBO "DCON6" LOAD "LL" SF 1
COMBO "DCON6" LOAD "WY" SF -1.6
COMBO "DCON7" TYPE "ADD"
COMBO "DCON7" LOAD "DL" SF 1.2
COMBO "DCON7" LOAD "SDL" SF 1.2
COMBO "DCON7" LOAD "WX" SF 0.8
COMBO "DCON8" TYPE "ADD"
COMBO "DCON8" LOAD "DL" SF 1.2
COMBO "DCON8" LOAD "SDL" SF 1.2
COMBO "DCON8" LOAD "WX" SF -0.8
COMBO "DCON9" TYPE "ADD"
COMBO "DCON9" LOAD "DL" SF 1.2
COMBO "DCON9" LOAD "SDL" SF 1.2
COMBO "DCON9" LOAD "WY" SF 0.8
COMBO "DCON10" TYPE "ADD"
COMBO "DCON10" LOAD "DL" SF 1.2
COMBO "DCON10" LOAD "SDL" SF 1.2
COMBO "DCON10" LOAD "WY" SF -0.8
COMBO "DCON11" TYPE "ADD"
COMBO "DCON11" LOAD "DL" SF 0.9
COMBO "DCON11" LOAD "SDL" SF 0.9
COMBO "DCON11" LOAD "WX" SF 1.6
COMBO "DCON12" TYPE "ADD"
COMBO "DCON12" LOAD "DL" SF 0.9
COMBO "DCON12" LOAD "SDL" SF 0.9
COMBO "DCON12" LOAD "WX" SF -1.6
COMBO "DCON13" TYPE "ADD"
COMBO "DCON13" LOAD "DL" SF 0.9
COMBO "DCON13" LOAD "SDL" SF 0.9
COMBO "DCON13" LOAD "WY" SF 1.6
COMBO "DCON14" TYPE "ADD"
COMBO "DCON14" LOAD "DL" SF 0.9
COMBO "DCON14" LOAD "SDL" SF 0.9
COMBO "DCON14" LOAD "WY" SF -1.6
COMBO "DCON15" TYPE "ADD"
COMBO "DCON15" LOAD "DL" SF 1.4
COMBO "DCON15" LOAD "SDL" SF 1.4
COMBO "DCON15" LOAD "LL" SF 1
COMBO "DCON15" LOAD "EXP" SF 1.5
COMBO "DCON16" TYPE "ADD"
COMBO "DCON16" LOAD "DL" SF 1.4
COMBO "DCON16" LOAD "SDL" SF 1.4
COMBO "DCON16" LOAD "LL" SF 1
COMBO "DCON16" LOAD "EXP" SF -1.5
COMBO "DCON17" TYPE "ADD"
COMBO "DCON17" LOAD "DL" SF 1.4
COMBO "DCON17" LOAD "SDL" SF 1.4
COMBO "DCON17" LOAD "LL" SF 1
COMBO "DCON17" LOAD "EYP" SF 1.5
COMBO "DCON18" TYPE "ADD"
COMBO "DCON18" LOAD "DL" SF 1.4
COMBO "DCON18" LOAD "SDL" SF 1.4
COMBO "DCON18" LOAD "LL" SF 1
COMBO "DCON18" LOAD "EYP" SF -1.5
COMBO "DCON19" TYPE "ADD"
COMBO "DCON19" LOAD "DL" SF 1.4
COMBO "DCON19" LOAD "SDL" SF 1.4
COMBO "DCON19" LOAD "LL" SF 1
COMBO "DCON19" LOAD "EXN" SF 1.5
COMBO "DCON20" TYPE "ADD"
COMBO "DCON20" LOAD "DL" SF 1.4
COMBO "DCON20" LOAD "SDL" SF 1.4
COMBO "DCON20" LOAD "LL" SF 1
COMBO "DCON20" LOAD "EXN" SF -1.5
COMBO "DCON21" TYPE "ADD"
COMBO "DCON21" LOAD "DL" SF 1.4
COMBO "DCON21" LOAD "SDL" SF 1.4
COMBO "DCON21" LOAD "LL" SF 1
COMBO "DCON21" LOAD "EYN" SF 1.5
COMBO "DCON22" TYPE "ADD"
COMBO "DCON22" LOAD "DL" SF 1.4
COMBO "DCON22" LOAD "SDL" SF 1.4
COMBO "DCON22" LOAD "LL" SF 1
COMBO "DCON22" LOAD "EYN" SF -1.5
COMBO "DCON23" TYPE "ADD"
COMBO "DCON23" LOAD "DL" SF 1.4
COMBO "DCON23" LOAD "SDL" SF 1.4
COMBO "DCON23" LOAD "EXP" SF 1.5
COMBO "DCON24" TYPE "ADD"
COMBO "DCON24" LOAD "DL" SF 1.4
COMBO "DCON24" LOAD "SDL" SF 1.4
COMBO "DCON24" LOAD "EXP" SF -1.5
COMBO "DCON25" TYPE "ADD"
COMBO "DCON25" LOAD "DL" SF 1.4
COMBO "DCON25" LOAD "SDL" SF 1.4
COMBO "DCON25" LOAD "EYP" SF 1.5
COMBO "DCON26" TYPE "ADD"
COMBO "DCON26" LOAD "DL" SF 1.4
COMBO "DCON26" LOAD "SDL" SF 1.4
COMBO "DCON26" LOAD "EYP" SF -1.5
COMBO "DCON27" TYPE "ADD"
COMBO "DCON27" LOAD "DL" SF 1.4
COMBO "DCON27" LOAD "SDL" SF 1.4
COMBO "DCON27" LOAD "EXN" SF 1.5
COMBO "DCON28" TYPE "ADD"
COMBO "DCON28" LOAD "DL" SF 1.4
COMBO "DCON28" LOAD "SDL" SF 1.4
COMBO "DCON28" LOAD "EXN" SF -1.5
COMBO "DCON29" TYPE "ADD"
COMBO "DCON29" LOAD "DL" SF 1.4
COMBO "DCON29" LOAD "SDL" SF 1.4
COMBO "DCON29" LOAD "EYN" SF 1.5
COMBO "DCON30" TYPE "ADD"
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

$ STEEL DESIGN OVERWRITES
  STEELDATA  "C9"  "2F"  KMAJOR 0.5
  STEELDATA  "C18-1"  "PRF"  KMAJOR 2

$ 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
```

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  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\208A\MODEL\ETABS\SC1-1\220804\208A-SC1-1-220804-001.$ET at  2022/8/4 上午 11:12:12
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-1\220804\208A-SC1-1-220804-001.EDB at 2022/8/4 上午 11:22:48
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-1\220804\208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:39:27
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-1\220804\208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:40:26
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-1\220804\208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:41:18
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-1\220804\208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:42:28
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-1\220804\208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:44:15
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-1\220804\208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:47:36
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-1\220804\208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:49:25
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-1\220804\208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:50:36
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-1\220804\208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:51:35
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-1\220804\208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:51:47
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-1\220804\208A-SC1-1-220804-001.EDB at 2022/8/4 下午 05:56:02
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-2\220804\208A-SC1-2-220804-001.EDB at 2022/8/4 下午 09:25:15
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-2\220804\208A-SC1-2-220804-001.EDB at 2022/8/4 下午 09:25:38
ETABS Display 9.5.0 File imported from  E:\WORK\2022\208A\MODEL\ETABS\SC1-2\220804\208A-SC1-2-220804-001.$ET at  2022/8/4 下午 09:25:46
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC1-2\220804\208A-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\208A\MODEL\ETABS\SC1-2\220804\208A-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\208A\MODEL\ETABS\SC1-2\220804\208A-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\208A\MODEL\ETABS\SC1-2\220804\208A-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\208A\MODEL\ETABS\SC1-2\220804\208A-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\208A\MODEL\ETABS\SC1-2\220804\208A-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\208A\MODEL\ETABS\SC3-2\220810\208A-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\208A\MODEL\ETABS\SC3-2\220810\208A-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\208A\MODEL\ETABS\SC3-2\220810\208A-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\208A\MODEL\ETABS\SC3-2\220810\208A-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\208A\MODEL\ETABS\SC3-2\220810\208A-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\208A\MODEL\ETABS\SC3-2\220810\208A-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\208A\MODEL\ETABS\SC3-2\220810\208A-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\208A\MODEL\ETABS\SC3-2\220810\208A-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\208A\MODEL\ETABS\SC3-2\220810\208A-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\208A\MODEL\ETABS\SC3-2\220810\208A-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\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/12 上午 11:57:09
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/12 上午 11:57:14
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/12 下午 05:09:46
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/12 下午 05:53:40
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/12 下午 06:20:13
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 上午 09:58:10
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 上午 10:26:19
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 上午 10:26:52
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 上午 10:30:10
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 上午 10:30:47
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 上午 10:34:49
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 上午 10:35:53
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 上午 10:37:26
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 上午 10:40:46
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 上午 10:42:06
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 下午 04:33:44
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 下午 04:35:09
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 下午 04:38:16
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 下午 04:50:07
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 下午 04:50:31
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/13 下午 05:07:36
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/14 下午 10:13:34
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/14 下午 10:17:16
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-001.EDB at 2022/8/14 下午 10:17:31
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-002.EDB at 2022/8/14 下午 10:18:46
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-002.EDB at 2022/8/14 下午 10:18:48
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-002.EDB at 2022/8/14 下午 10:19:47
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-002.EDB at 2022/8/14 下午 10:20:11
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-002.EDB at 2022/8/14 下午 10:28:25
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\208A\MODEL\ETABS\SC3-1\220812\208A-SC3-1-220812-002.EDB at 2022/8/14 下午 10:36:54
  ENDCOMMENTS

  END
$ END OF MODEL FILE
```

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

Steel Design Code	: AISC-LRFD93
Time History Type	: Step-by-Step
Frame Type	: Moment Frame
Phi(Bending)	: 0.9
Phi(Compression)	: 0.85
Phi(Tension)	: 0.9
Phi(Shear)	: 0.9
Phi(Compression, Angle)	: 0.9
Consider Deflection?	: No
Deflection Check Type	: Ratio
DL Limit, L /	: 120
Super DL+LL Limit, L /	: 120
Live Load Limit, L /	: 360
Total Load Limit, L /	: 240
Total--Camber Limit, L/	: 240
DL Limit, abs	: 2.54
Super DL+LL Limit, abs	: 2.54
Live Load Limit, abs	: 2.54
Total Load Limit, abs	: 2.54
Total--Camber Limit, abs	: 2.54
Pattern Live Load Factor	: 0.75
Stress Ratio Limit	: 1.05
Maximum Auto Iteration	: 1

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

STORY LEVEL	COLUMN LINE	SECTION ID	FRAMING TYPE	RLLF FACTOR	L_RATIO MAJOR	L_RATIO MINOR	K MAJOR	K MINOR
3F	C1	U100X100X2.0	MOMENT	1.000	0.500	0.500	2.695	3.275
2F	C1	U100X100X2.0	MOMENT	1.000	0.500	0.500	1.819	1.855
PRF	C1-1	U100X100X2.0	MOMENT	1.000	0.500	0.500	2.382	3.423
3F	C2	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
2F	C2	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
PRF	C2-1	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
3F	C3	U100X100X2.0	MOMENT	1.000	0.961	0.500	2.059	3.275
2F	C3	U100X100X2.0	MOMENT	1.000	0.964	0.500	1.628	1.855
PRF	C3-1	U100X100X2.0	MOMENT	1.000	0.957	0.500	1.859	3.423
3F	C4	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
2F	C4	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
PRF	C4-1	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
3F	C5	U100X100X2.0	MOMENT	1.000	0.500	0.500	2.064	3.275
2F	C5	U100X100X2.0	MOMENT	1.000	0.500	0.500	1.441	1.855
PRF	C5-1	U100X100X2.0	MOMENT	1.000	0.500	0.500	2.491	3.423
2F	C6	U100X100X2.0	MOMENT	1.000	0.964	0.964	1.347	1.635
3F	C7	U100X100X2.0	MOMENT	1.000	1.000	0.500	1.000	1.000
2F	C7	U100X100X2.0	MOMENT	1.000	1.000	0.500	1.000	1.000
PRF	C7-1	U100X100X2.0	MOMENT	1.000	0.961	0.446	4.008	1.000
3F	C8	U100X100X2.0	MOMENT	1.000	1.000	0.500	1.000	1.000
2F	C8	U100X100X2.0	MOMENT	1.000	1.000	0.500	1.000	1.000
PRF	C8-1	U100X100X2.0	MOMENT	1.000	0.961	0.446	3.191	1.000
3F	C9	U100X100X2.0	MOMENT	1.000	1.000	0.500	1.000	1.000
2F	C9	U100X100X2.0	MOMENT	1.000	1.000	0.500	0.500	1.000
PRF	C9-1	U100X100X2.0	MOMENT	1.000	0.961	0.446	4.182	1.000
2F	C10	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C11	U100X100X2.0	MOMENT	1.000	0.688	0.688	2.467	1.000
3F	C11	U100X100X2.0	MOMENT	1.000	0.961	0.961	2.591	3.246
2F	C11	U100X100X2.0	MOMENT	1.000	0.964	0.964	1.819	1.653
3F	C12	U100X100X2.0	MOMENT	1.000	0.500	0.961	2.059	3.246
2F	C12	U100X100X2.0	MOMENT	1.000	0.500	0.964	1.628	1.653
PRF	C12-1	U100X100X2.0	MOMENT	1.000	0.809	0.809	4.458	1.000
PRF	C12-2	U100X100X2.0	MOMENT	1.000	0.500	0.957	3.257	1.000
PRF	C13	U100X100X2.0	MOMENT	1.000	0.344	1.000	1.000	1.000
3F	C13	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
2F	C13	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
PRF	C14	U100X100X2.0	MOMENT	1.000	0.688	0.688	2.585	1.000
3F	C14	U100X100X2.0	MOMENT	1.000	0.961	0.961	2.004	3.246
2F	C14	U100X100X2.0	MOMENT	1.000	0.964	0.964	1.441	1.653
2F	C15	U100X100X2.0	MOMENT	1.000	0.964	0.964	1.347	1.635
3F	C16	U100X100X2.0	MOMENT	1.000	1.000	0.500	1.000	1.000
2F	C16	U100X100X2.0	MOMENT	1.000	1.000	0.500	1.000	1.000
PRF	C16-1	U100X100X2.0	MOMENT	1.000	0.961	0.448	4.013	1.000
3F	C17	U100X100X2.0	MOMENT	1.000	1.000	0.500	1.000	1.000
2F	C17	U100X100X2.0	MOMENT	1.000	1.000	0.500	1.000	1.000
PRF	C17-1	U100X100X2.0	MOMENT	1.000	0.961	0.448	3.194	1.000
3F	C18	U100X100X2.0	MOMENT	1.000	1.000	0.500	1.000	1.000
2F	C18	U100X100X2.0	MOMENT	1.000	1.000	0.500	1.000	1.000
PRF	C18-1	U100X100X2.0	MOMENT	1.000	0.961	0.448	2.000	1.000
3F	C19	U100X100X2.0	MOMENT	1.000	0.500	0.500	2.695	3.301
2F	C19	U100X100X2.0	MOMENT	1.000	0.500	0.500	1.819	1.863
PRF	C19-1	U100X100X2.0	MOMENT	1.000	0.500	0.500	2.382	3.423
3F	C20	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
2F	C20	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
PRF	C20-1	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
3F	C21	U100X100X2.0	MOMENT	1.000	0.961	0.500	2.059	3.301
2F	C21	U100X100X2.0	MOMENT	1.000	0.964	0.500	1.628	1.863
PRF	C21-1	U100X100X2.0	MOMENT	1.000	0.957	0.500	1.859	3.423
3F	C22	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
2F	C22	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
PRF	C22-1	U100X100X2.0	MOMENT	1.000	0.500	1.000	1.000	1.000
3F	C23	U100X100X2.0	MOMENT	1.000	0.500	0.500	2.827	3.301
2F	C23	U100X100X2.0	MOMENT	1.000	0.500	0.500	1.850	1.863
PRF	C23-1	U100X100X2.0	MOMENT	1.000	0.500	0.500	2.491	3.423

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	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B2	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B3	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B4	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B5	C125X50X20X2	MOMENT	1.000	1.000	0.500	1.000	1.000
2F	B6	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B7	2SC125X50X20	MOMENT	1.000	0.958	0.500	1.000	1.000
2F	B8	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B9	2SC125X50X20	MOMENT	1.000	0.958	0.500	1.000	1.000
2F	B10	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B11	2SC125X50X20	MOMENT	1.000	0.958	0.500	1.000	1.000
2F	B12	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B13	2SC125X50X20	MOMENT	1.000	0.958	0.500	1.000	1.000
2F	B14	2SC125X50X20	MOMENT	1.000	0.957	0.957	1.000	1.000
PRF	B15	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B16	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B17	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B18	2SC125X50X20	MOMENT	1.000	0.707	0.969	1.000	1.000
2F	B18	2SC125X50X20	MOMENT	1.000	0.707	0.969	1.000	1.000
PRF	B19	2SC125X50X20	MOMENT	1.000	0.707	0.969	1.000	1.000
3F	B20	2SC125X50X20	MOMENT	1.000	0.737	0.972	1.000	1.000
2F	B20	2SC125X50X20	MOMENT	1.000	0.737	0.972	1.000	1.000
PRF	B21	2SC125X50X20	MOMENT	1.000	0.737	0.972	1.000	1.000
2F	B22	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B23	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B24	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B25	2SC125X50X20	MOMENT	1.000	0.909	0.909	1.000	1.000
PRF	B26	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B27	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B28	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B29	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B30	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B31	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B32	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B33	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B34	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B35	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B36	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B37	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B38	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B38	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B39	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B39	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B40	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B41	C125X50X20X2	MOMENT	1.000	1.000	0.333	1.000	1.000
PRF	B42	C125X50X20X2	MOMENT	1.000	0.969	0.969	1.000	1.000
PRF	B43	C125X50X20X2	MOMENT	1.000	0.972	0.972	1.000	1.000
2F	B44	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B45	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B45	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B46	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B46	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	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
2F	B50	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B51	2SC125X50X20	MOMENT	1.000	0.719	0.167	1.000	1.000
3F	B52	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B52	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B53	2SC125X50X20	MOMENT	1.000	0.719	0.167	1.000	1.000
3F	B54	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B54	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B55	2SC125X50X20	MOMENT	1.000	0.719	0.167	1.000	1.000
2F	B56	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B58	2SC125X50X20	MOMENT	1.000	0.719	0.167	1.000	1.000
PRF	B59	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B60	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B61	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B61	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B62	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B62	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B63	C125X50X20X2	MOMENT	1.000	1.000	1.000	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
3F	B66	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B66	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B67	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B67	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B68	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B69	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B70	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B71	C125X50X20X2	MOMENT	1.000	0.969	0.969	1.000	1.000
3F	B71	2SC125X50X20	MOMENT	1.000	0.969	0.520	1.000	1.000
2F	B71	2SC125X50X20	MOMENT	1.000	0.969	0.520	1.000	1.000
PRF	B72	2SC125X50X20	MOMENT	1.000	0.985	0.985	1.000	1.000
3F	B73	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B74	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B75	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B76	C125X50X20X2	MOMENT	1.000	0.820	0.972	1.000	1.000
3F	B76	2SC125X50X20	MOMENT	1.000	0.820	0.972	1.000	1.000
2F	B76	2SC125X50X20	MOMENT	1.000	0.820	0.972	1.000	1.000
PRF	B77	2SC125X50X20	MOMENT	1.000	0.834	0.986	1.000	1.000
2F	B78	2SC125X50X20	MOMENT	1.000	0.909	0.909	1.000	1.000
PRF	B79	2SC125X50X20	MOMENT	1.000	0.376	0.500	1.000	1.000
3F	B80	2SC125X50X20	MOMENT	1.000	0.376	0.500	1.000	1.000
PRF	B81	2SC125X50X20	MOMENT	1.000	0.376	0.500	1.000	1.000
3F	B82	2SC125X50X20	MOMENT	1.000	0.376	8.5E-02	1.000	1.000
PRF	B83	2SC125X50X20	MOMENT	1.000	0.376	0.500	1.000	1.000
3F	B84	2SC125X50X20	MOMENT	1.000	0.376	8.5E-02	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
3F	B87	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B87	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B88	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B88	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B89	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B90	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B91	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B92	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B92	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B93	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B93	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	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
PRF	B96	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B97	2SC125X50X20	MOMENT	1.000	0.727	0.971	1.000	1.000
3F	B98	2SC125X50X20	MOMENT	1.000	1.000	0.167	1.000	1.000
2F	B98	2SC125X50X20	MOMENT	1.000	1.000	0.167	1.000	1.000
3F	B99	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B99	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B100	2SC125X50X20	MOMENT	1.000	0.727	0.167	1.000	1.000
3F	B101	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B101	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B102	2SC125X50X20	MOMENT	1.000	0.727	0.167	1.000	1.000
2F	B103	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B104	C125X50X20X2	MOMENT	1.000	0.986	0.167	1.000	1.000
PRF	B105	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B106	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B107	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B107	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B108	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B108	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B109	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B110	C125X50X20X2	MOMENT	1.000	0.969	0.969	1.000	1.000
PRF	B111	C125X50X20X2	MOMENT	1.000	0.972	0.972	1.000	1.000
3F	B112	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B112	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B113	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B113	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B114	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B115	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B116	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B117	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B118	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B119	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B120	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B121	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B122	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B123	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B124	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B125	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B126	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B127	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B128	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B129	2SC125X50X20	MOMENT	1.000	0.707	0.520	1.000	1.000
2F	B129	2SC125X50X20	MOMENT	1.000	0.707	0.520	1.000	1.000
PRF	B130	2SC125X50X20	MOMENT	1.000	0.707	0.969	1.000	1.000
3F	B131	2SC125X50X20	MOMENT	1.000	0.737	0.972	1.000	1.000
2F	B131	2SC125X50X20	MOMENT	1.000	0.737	0.972	1.000	1.000
PRF	B132	2SC125X50X20	MOMENT	1.000	0.737	0.972	1.000	1.000
2F	B133	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	B134	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B135	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B136	2SC125X50X20	MOMENT	1.000	0.955	0.955	1.000	1.000

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

STORY LEVEL	BRACE BAY	SECTION ID	FRAMING TYPE	RLLF FACTOR	L_RATIO MAJOR	L_RATIO MINOR	K MAJOR	K MINOR
PRF	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
3F	D3	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D4	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	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
2F	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
3F	D9	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	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
PRF	D12	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D13	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D14	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D15	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D16	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D17	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D18	U100X100X2.0	MOMENT	1.000	1.000	1.000	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
3F	D21	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	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
2F	D24	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D25	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D26	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D27	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	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	2SC125X50X20	MOMENT	1.000	0.733	0.162	1.000	1.000
PRF	D32	2SC125X50X20	MOMENT	1.000	0.733	0.162	1.000	1.000
PRF	D33	2SC125X50X20	MOMENT	1.000	0.733	0.162	1.000	1.000
3F	D34	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D35	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D36	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D37	U100X100X2.0	MOMENT	1.000	1.000	1.000	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	2SC125X50X20	MOMENT	1.000	0.741	0.170	1.000	1.000
PRF	D42	2SC125X50X20	MOMENT	1.000	0.741	0.170	1.000	1.000
PRF	D43	2SC125X50X20	MOMENT	1.000	0.741	0.170	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
3F	D46	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D47	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D48	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D49	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D50	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D51	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D52	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D53	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D54	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D55	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D56	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D57	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D58	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D59	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D60	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D61	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D62	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D63	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D64	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D65	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D66	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D67	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D68	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D69	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D70	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
3F	D71	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D72	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D73	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000

COLUMN STEEL STRESS CHECK OUTPUT (AISC-LRFD93)

STORY LEVEL	COLUMN LINE	SECTION ID	COMBO	RATIO =	AXL +	B33 +	B22	COMBO	RATIO	COMBO	RATIO
3F	C1	U100X100X2.0						02RC71	0.028	02RC02	0.036
			02RC02(C)	0.125	= 0.018 + 0.005 + 0.102						
			02RC67(T)	0.209	= 0.059 + 0.074 + 0.075						
2F	C1	U100X100X2.0						02RC67	0.042	02RC68	0.043
			02RC02(C)	0.118	= 0.035 + 0.005 + 0.077						
			02RC71(T)	0.400	= 0.244 + 0.143 + 0.013						
PRF	C1-1	U100X100X2.0						02RC71	0.013	02RC72	0.014
			02RC68(C)	0.096	= 0.045 + 0.005 + 0.046						
			02RC71(T)	0.048	= 0.002 + 0.040 + 0.006						
3F	C2	U100X100X2.0						02RC71	0.047	02RC72	0.013
			02RC67(C)	0.199	= 0.094 + 0.099 + 0.005						
			02RC16(T)	0.041	= 0.008 + 0.030 + 0.003						
2F	C2	U100X100X2.0						02RC71	0.031	02RC68	0.018
			02RC67(C)	0.766	= 0.617 + 0.141 + 0.007						
			02RC72(T)	0.183	= 0.020 + 0.047 + 0.116						
PRF	C2-1	U100X100X2.0						02RC71	0.054	02RC68	0.004
			02RC68(C)	0.044	= 0.007 + 0.009 + 0.028						
			02RC71(T)	0.175	= 0.012 + 0.163 + 0.000						
3F	C3	U100X100X2.0						02RC71	0.049	02RC02	0.042
			02RC02(C)	0.182	= 0.049 + 0.010 + 0.123						
			02RC67(T)	0.285	= 0.007 + 0.187 + 0.091						
2F	C3	U100X100X2.0						02RC71	0.040	02RC68	0.055
			02RC67(C)	0.186	= 0.013 + 0.170 + 0.003						
			02RC72(T)	0.545	= 0.355 + 0.043 + 0.147						
PRF	C3-1	U100X100X2.0						02RC71	0.059	02RC72	0.009
			02RC68(C)	0.157	= 0.076 + 0.037 + 0.043						
			02RC71(T)	0.221	= 0.021 + 0.187 + 0.013						
3F	C4	U100X100X2.0						02RC67	0.046	02RC72	0.009
			02RC68(C)	0.108	= 0.013 + 0.062 + 0.034						
			02RC67(T)	0.187	= 0.080 + 0.105 + 0.002						
2F	C4	U100X100X2.0						02RC67	0.028	02RC68	0.012
			02RC15(C)	0.115	= 0.086 + 0.028 + 0.001						
			02RC71(T)	0.661	= 0.512 + 0.144 + 0.005						
PRF	C4-1	U100X100X2.0						02RC67	0.031	02RC68	0.009
			02RC67(C)	0.095	= 0.001 + 0.094 + 0.000						
			02RC67(T)	0.060	= 0.008 + 0.050 + 0.001						
3F	C5	U100X100X2.0						02RC71	0.037	02RC72	0.036
			02RC67(C)	0.263	= 0.091 + 0.130 + 0.042						
			02RC72(T)	0.123	= 0.003 + 0.053 + 0.067						
2F	C5	U100X100X2.0						02RC71	0.056	02RC68	0.068
			02RC67(C)	0.457	= 0.295 + 0.144 + 0.017						
			02RC72(T)	0.422	= 0.233 + 0.018 + 0.171						
PRF	C5-1	U100X100X2.0						02RC71	0.014	02RC72	0.009
			02RC68(C)	0.130	= 0.077 + 0.030 + 0.023						
			02RC71(T)	0.056	= 0.013 + 0.043 + 0.001						
2F	C6	U100X100X2.0						02RC67	0.050	02RC68	0.057
			02RC67(C)	0.297	= 0.024 + 0.249 + 0.024						
			02RC68(T)	0.315	= 0.006 + 0.040 + 0.269						
3F	C7	U100X100X2.0						02RC71	0.008	02RC72	0.025
			02RC02(C)	0.070	= 0.015 + 0.010 + 0.046						
			02RC67(T)	0.111	= 0.048 + 0.025 + 0.037						
2F	C7	U100X100X2.0						02RC71	0.008	02RC72	0.027
			02RC68(C)	0.441	= 0.315 + 0.019 + 0.107						
			02RC71(T)	0.437	= 0.310 + 0.118 + 0.009						
PRF	C7-1	U100X100X2.0						02RC71	0.021	02RC68	0.182
			02RC17(C)	0.124	= 0.075 + 0.017 + 0.033						
			02RC68(T)	0.178	= 0.032 + 0.025 + 0.121						
3F	C8	U100X100X2.0						02RC71	0.014	02RC72	0.031
			02RC02(C)	0.102	= 0.034 + 0.002 + 0.065						
			02RC72(T)	0.113	= 0.024 + 0.010 + 0.078						
2F	C8	U100X100X2.0						02RC71	0.013	02RC72	0.037
			02RC68(C)	0.583	= 0.421 + 0.019 + 0.143						
			02RC71(T)	0.175	= 0.023 + 0.147 + 0.005						
PRF	C8-1	U100X100X2.0						02RC71	0.029	02RC68	0.274
			02RC13(C)	0.098	= 0.058 + 0.005 + 0.035						
			02RC72(T)	0.233	= 0.045 + 0.007 + 0.181						
3F	C9	U100X100X2.0						02RC71	0.011	02RC72	0.051
			02RC72(C)	0.157	= 0.064 + 0.006 + 0.087						
			02RC72(T)	0.161	= 0.035 + 0.004 + 0.121						
2F	C9	U100X100X2.0						02RC67	0.010	02RC72	0.044
			02RC68(C)	0.848	= 0.670 + 0.006 + 0.172						
			02RC46(T)	0.056	= 0.028 + 0.001 + 0.026						
PRF	C9-1	U100X100X2.0						02RC71	0.037	02RC68	0.349
			02RC13(C)	0.261	= 0.208 + 0.017 + 0.036						
			02RC68(T)	0.387	= 0.081 + 0.054 + 0.252						
2F	C10	U100X100X2.0						02RC71	0.017	02RC72	0.062
			02RC72(C)	0.323	= 0.012 + 0.027 + 0.284						
			02RC45(T)	0.032	= 0.000 + 0.000 + 0.031						
PRF	C11	U100X100X2.0						02RC71	0.047	02RC68	0.031
			02RC68(C)	0.152	= 0.016 + 0.011 + 0.126						
			02RC71(T)	0.296	= 0.033 + 0.254 + 0.009						
3F	C11	U100X100X2.0						02RC02	0.019	02RC68	0.035
			02RC68(C)	0.247	= 0.056 + 0.056 + 0.135						
			02RC71(T)	0.118	= 0.033 + 0.085 + 0.000						
2F	C11	U100X100X2.0						02RC71	0.018	02RC68	0.028
			02RC68(C)	0.206	= 0.049 + 0.019 + 0.139						
			02RC71(T)	0.191	= 0.033 + 0.153 + 0.005						
3F	C12	U100X100X2.0						02RC67	0.037	02RC68	0.036
			02RC68(C)	0.294	= 0.203 + 0.017 + 0.074						
			02RC67(T)	0.205	= 0.058 + 0.131 + 0.015						
2F	C12	U100X100X2.0						02RC67	0.039	02RC68	0.040
			02RC68(C)	0.195	= 0.039 + 0.011 + 0.146						
			02RC71(T)	0.434	= 0.284 + 0.150 + 0.000						
PRF	C12-1	U100X100X2.0						02RC71	0.210	02RC72	0.061
			02RC67(C)	0.394	= 0.005 + 0.388 + 0.000						
			02RC71(T)	0.396	= 0.004 + 0.392 + 0.000						
PRF	C12-2	U100X100X2.0						02RC71	0.061	02RC68	0.036
			02RC67(C)	0.220	= 0.027 + 0.192 + 0.001						
			02RC67(T)	0.105	= 0.012 + 0.083 + 0.010						
PRF	C13	U100X100X2.0						02RC67	0.149	02RC72	0.026
			02RC68(C)	0.091	= 0.017 + 0.002 + 0.073						
			02RC71(T)	0.383	= 0.025 + 0.357 + 0.000						
3F	C13	U100X100X2.0						02RC71	0.025	02RC68	0.013
			02RC67(C)	0.112	= 0.041 + 0.067 + 0.004						
			02RC71(T)	0.076	= 0.014 + 0.061 + 0.001						
2F	C13	U100X100X2.0						02RC71	0.025	02RC68	0.021
			02RC67(C)	0.440	= 0.300 + 0.139 + 0.001						
			02RC48(T)	0.038	= 0.010 + 0.027 + 0.000						
PRF	C14	U100X100X2.0						02RC71	0.084	02RC72	0.061
			02RC67(C)	0.290	= 0.004 + 0.276 + 0.009						
			02RC67(T)	0.221	= 0.000 + 0.217 + 0.004						
3F	C14	U100X100X2.0						02RC67	0.034	02RC72	0.048
			02RC68(C)	0.266	= 0.068 + 0.034 + 0.165						
2F	C14	U100X100X2.0						02RC67	0.031	02RC72	0.039
			02RC68(C)	0.281	= 0.067 + 0.008 + 0.206						
2F	C15	U100X100X2.0						02RC67	0.028	02RC68	0.043
			02RC67(C)	0.531	= 0.357 + 0.162 + 0.011						
			02RC11(T)	0.058	= 0.021 + 0.028 + 0.009						
3F	C16	U100X100X2.0						02RC67	0.007	02RC72	0.027
			02RC68(C)	0.125	= 0.049 + 0.007 + 0.069						
			02RC71(T)	0.077	= 0.048 + 0.027 + 0.002						
2F	C16	U100X100X2.0						02RC71	0.008	02RC72	0.029
			02RC17(C)	0.083	= 0.054 + 0.002 + 0.027						
			02RC71(T)	0.391	= 0.260 + 0.112 + 0.018						
PRF	C16-1	U100X100X2.0						02RC71	0.022	02RC72	0.164
			02RC68(C)	0.651	= 0.503 + 0.044 + 0.105						
			02RC71(T)	0.142	= 0.011 + 0.119 + 0.012						
3F	C17	U100X100X2.0						02RC67	0.012	02RC68	0.049
			02RC68(C)	0.215	= 0.075 + 0.016 + 0.124						
			02RC67(T)	0.085	= 0.014 + 0.047 + 0.024						
2F	C17	U100X100X2.0						02RC71	0.013	02RC68	0.042
			02RC67(C)	0.147	= 0.002 + 0.140 + 0.005						
			02RC72(T)	0.382	= 0.206 + 0.022 + 0.154						
PRF	C17-1	U100X100X2.0						02RC71	0.028	02RC72	0.249
			02RC68(C)	0.684	= 0.502 + 0.020 + 0.162						
			02RC71(T)	0.155	= 0.037 + 0.095 + 0.023						
3F	C18	U100X100X2.0						02RC67	0.019	02RC68	0.063
			02RC68(C)	0.228	= 0.063 + 0.011 + 0.153						
			02RC68(T)	0.199	= 0.041 + 0.014 + 0.145						
2F	C18	U100X100X2.0						02RC67	0.009	02RC68	0.061
			02RC67(C)	0.474	= 0.343 + 0.114 + 0.017						
			02RC72(T)	0.739	= 0.555 + 0.006 + 0.178						
PRF	C18-1	U100X100X2.0						02RC71	0.035	02RC72	0.334
			02RC68(C)	0.602	= 0.336 + 0.034 + 0.231						
			02RC71(T)	0.078	= 0.014 + 0.056 + 0.008						
3F	C19	U100X100X2.0						02RC71	0.025	02RC68	0.013
			02RC68(C)	0.107	= 0.071 + 0.026 + 0.010						
			02RC71(T)	0.134	= 0.066 + 0.053 + 0.015						
2F	C19	U100X100X2.0						02RC71	0.034	02RC72	0.030
			02RC68(C)	0.453	= 0.292 + 0.054 + 0.107						
			02RC71(T)	0.402	= 0.246 + 0.133 + 0.023						
PRF	C19-1	U100X100X2.0						02RC71	0.011	02RC72	0.012
			02RC67(C)	0.038	= 0.001 + 0.034 + 0.002						
			02RC72(T)	0.065	= 0.019 + 0.002 + 0.044						
3F	C20	U100X100X2.0						02RC71	0.041	02RC68	0.015
			02RC71(C)	0.172	= 0.077 + 0.095 + 0.000						
			02RC11(T)	0.054	= 0.009 + 0.040 + 0.004						
2F	C20	U100X100X2.0						02RC71	0.028	02RC72	0.017
			02RC67(C)	0.671	= 0.530 + 0.129 + 0.012						
			02RC44(T)	0.068	= 0.040 + 0.027 + 0.001						
PRF	C20-1	U100X100X2.0						02RC71	0.051	02RC68	0.003
			02RC68(C)	0.063	= 0.006 + 0.057 + 0.000						
			02RC71(T)	0.164	= 0.011 + 0.153 + 0.000						
3F	C21	U100X100X2.0						02RC67	0.046	02RC68	0.026
			02RC68(C)	0.373	= 0.293 + 0.046 + 0.033						
			02RC71(T)	0.203	= 0.022 + 0.176 + 0.004						
2F	C21	U100X100X2.0						02RC67	0.037	02RC68	0.046
			02RC68(C)	0.810	= 0.608 + 0.046 + 0.156						
			02RC71(T)	0.175	= 0.011 + 0.158 + 0.005						
PRF	C21-1	U100X100X2.0						02RC67	0.055	02RC71	0.006
			02RC11(C)	0.056	= 0.015 + 0.035 + 0.006						
			02RC71(T)	0.204	= 0.021 + 0.171 + 0.013						
3F	C22	U100X100X2.0						02RC67	0.042	02RC68	0.010
			02RC72(C)	0.103	= 0.074 + 0.022 + 0.007						
			02RC67(T)	0.171	= 0.070 + 0.100 + 0.001						
2F	C22	U100X100X2.0						02RC67	0.029	02RC68	0.013
			02RC68(C)	0.734	= 0.580 + 0.022 + 0.133						
			02RC71(T)	0.589	= 0.449 + 0.130 + 0.009						
PRF	C22-1	U100X100X2.0						02RC67	0.029	02RC72	0.008
			02RC67(C)	0.087	= 0.001 + 0.086 + 0.000						
			02RC71(T)	0.079	= 0.000 + 0.079 + 0.000						
3F	C23	U100X100X2.0						02RC67	0.027	02RC68	0.041
			02RC67(C)	0.171	= 0.095 + 0.059 + 0.018						
			02RC48(T)	0.021	= 0.007 + 0.012 + 0.001						
2F	C23	U100X100X2.0						02RC67	0.035	02RC72	0.055
			02RC68(C)	0.492	= 0.300 + 0.016 + 0.175						
			02RC44(T)	0.046	= 0.019 + 0.026 + 0.002						
PRF	C23-1	U100X100X2.0						02RC71	0.012	02RC68	0.008
			02RC13(C)	0.030	= 0.018 + 0.004 + 0.008						
			02RC72(T)	0.094	= 0.046 + 0.031 + 0.017						

BEAM STEEL STRESS CHECK OUTPUT (AISC-LRFD93)

STORY LEVEL	BEAM BAY	SECTION ID	COMBO	RATIO =	AXL +	B33 +	B22	COMBO	RATIO	COMBO	RATIO
2F	B1	C125X50X20X2.0						02RC02	0.053	02RC72	0.000
			02RC02(T)	0.217	= 0.000 + 0.217 + 0.000						
2F	B2	C125X50X20X2.0						02RC02	0.090	02RC72	0.000
			02RC02(T)	0.372	= 0.000 + 0.372 + 0.000						
2F	B3	C125X50X20X2.0						02RC02	0.089	02RC72	0.000
			02RC02(T)	0.603	= 0.000 + 0.603 + 0.000						
2F	B4	C125X50X20X2.0						02RC02	0.027	02RC72	0.000
			02RC02(T)	0.050	= 0.000 + 0.050 + 0.000						
2F	B5	C125X50X20X2.0						02RC71	0.011	02RC72	0.000
			02RC67(T)	0.094	= 0.000 + 0.094 + 0.000						
2F	B6	C125X50X20X2.0						02RC02	0.067	02RC72	0.000
			02RC02(T)	0.340	= 0.000 + 0.340 + 0.000						
2F	B7	2SC125X50X20X2						02RC02	0.307	02RC72	0.000
			02RC02(T)	0.943	= 0.000 + 0.943 + 0.000						
2F	B8	C125X50X20X2.0						02RC02	0.094	02RC72	0.000
			02RC02(T)	0.351	= 0.000 + 0.351 + 0.000						
2F	B9	2SC125X50X20X2						02RC02	0.315	02RC72	0.000
			02RC02(T)	1.008	= 0.000 + 1.008 + 0.000						
2F	B10	C125X50X20X2.0						02RC02	0.089	02RC72	0.000
			02RC02(T)	0.603	= 0.000 + 0.603 + 0.000						
2F	B11	2SC125X50X20X2						02RC02	0.234	02RC72	0.000
			02RC02(T)	0.735	= 0.000 + 0.735 + 0.000						
2F	B12	C125X50X20X2.0						02RC02	0.027	02RC72	0.000
			02RC02(T)	0.050	= 0.000 + 0.050 + 0.000						
2F	B13	2SC125X50X20X2						02RC02	0.057	02RC72	0.000
			02RC02(C)	0.192	= 0.000 + 0.192 + 0.000						
			02RC67(T)	0.132	= 0.000 + 0.132 + 0.000						
2F	B14	2SC125X50X20X2						02RC67	0.058	02RC72	0.000
			02RC67(T)	0.158	= 0.000 + 0.158 + 0.000						
PRF	B15	U100X100X2.0						02RC71	0.025	02RC68	0.006
			02RC15(C)	0.012	= 0.001 + 0.011 + 0.000						
			02RC71(T)	0.049	= 0.007 + 0.039 + 0.004						
3F	B16	U100X100X2.0						02RC71	0.078	02RC72	0.010
			02RC15(C)	0.035	= 0.007 + 0.027 + 0.001						
			02RC71(T)	0.146	= 0.038 + 0.102 + 0.007						
2F	B17	U100X100X2.0						02RC71	0.077	02RC71	0.010
			02RC15(C)	0.047	= 0.007 + 0.030 + 0.011						
			02RC71(T)	0.176	= 0.052 + 0.114 + 0.010						
3F	B18	2SC125X50X20X2						02RC67	0.159	02RC72	0.000
			02RC67(T)	0.541	= 0.000 + 0.541 + 0.000						
2F	B18	2SC125X50X20X2						02RC67	0.139	02RC72	0.000
			02RC67(T)	0.453	= 0.000 + 0.453 + 0.000						
PRF	B19	2SC125X50X20X2						02RC71	0.158	02RC72	0.000
			02RC71(T)	0.531	= 0.000 + 0.531 + 0.000						
3F	B20	2SC125X50X20X2						02RC67	0.136	02RC72	0.000
			02RC67(T)	0.524	= 0.000 + 0.524 + 0.000						
2F	B20	2SC125X50X20X2						02RC67	0.122	02RC72	0.000
			02RC67(T)	0.457	= 0.000 + 0.457 + 0.000						
PRF	B21	2SC125X50X20X2						02RC71	0.138	02RC72	0.000
			02RC71(T)	0.430	= 0.000 + 0.430 + 0.000						
2F	B22	U100X100X2.0						02RC67	0.086	02RC68	0.015
			02RC67(C)	0.193	= 0.054 + 0.122 + 0.017						
			02RC13(T)	0.031	= 0.009 + 0.016 + 0.006						
3F	B23	U100X100X2.0						02RC67	0.077	02RC72	0.015
			02RC67(C)	0.144	= 0.040 + 0.098 + 0.005						
			02RC48(T)	0.026	= 0.008 + 0.016 + 0.002						
PRF	B24	U100X100X2.0						02RC68	0.022	02RC68	0.009
			02RC67(C)	0.031	= 0.007 + 0.022 + 0.002						
			02RC68(T)	0.039	= 0.001 + 0.016 + 0.021						
2F	B25	2SC125X50X20X2						02RC67	0.289	02RC72	0.000
			02RC71(T)	0.593	= 0.000 + 0.593 + 0.000						
PRF	B26	U100X100X2.0						02RC67	0.014	02RC71	0.013
			02RC67(C)	0.035	= 0.007 + 0.017 + 0.011						

02RC72(T) 0.033 = 0.003 + 0.012 + 0.019
3F B27 U100X100X2.0 02RC72 0.047 02RC67 0.014
02RC67(C) 0.061 = 0.021 + 0.025 + 0.015
02RC72(T) 0.080 = 0.019 + 0.054 + 0.007
2F B28 U100X100X2.0 02RC72 0.079 02RC67 0.007
02RC71(C) 0.078 = 0.039 + 0.033 + 0.006
02RC72(T) 0.140 = 0.033 + 0.102 + 0.005
PRF B29 U100X100X2.0 02RC71 0.024 02RC71 0.014
02RC13(C) 0.027 = 0.003 + 0.023 + 0.001
02RC71(T) 0.054 = 0.002 + 0.027 + 0.025
3F B30 U100X100X2.0 02RC72 0.053 02RC71 0.009
02RC13(C) 0.050 = 0.004 + 0.044 + 0.002
02RC72(T) 0.105 = 0.025 + 0.066 + 0.014
2F B31 U100X100X2.0 02RC72 0.093 02RC71 0.005
02RC13(C) 0.039 = 0.001 + 0.037 + 0.001
02RC72(T) 0.167 = 0.035 + 0.123 + 0.010
PRF B32 U100X100X2.0 02RC72 0.047 02RC68 0.014
02RC13(C) 0.027 = 0.004 + 0.017 + 0.005
02RC72(T) 0.091 = 0.019 + 0.060 + 0.012
3F B33 U100X100X2.0 02RC72 0.093 02RC71 0.015
02RC13(C) 0.047 = 0.008 + 0.037 + 0.002
02RC72(T) 0.185 = 0.048 + 0.119 + 0.019
2F B34 U100X100X2.0 02RC72 0.111 02RC72 0.014
02RC13(C) 0.045 = 0.010 + 0.033 + 0.002
02RC72(T) 0.252 = 0.075 + 0.156 + 0.020
PRF B35 C125X50X20X2.0 02RC71 0.099 02RC72 0.000
02RC71(C) 0.474 = 0.000 + 0.474 + 0.000
02RC68(T) 0.321 = 0.000 + 0.321 + 0.000
PRF B36 C125X50X20X2.0 02RC71 0.107 02RC72 0.000
02RC68(C) 0.344 = 0.000 + 0.344 + 0.000
02RC71(T) 0.510 = 0.000 + 0.510 + 0.000
2F B37 C125X50X20X2.0 02RC02 0.068 02RC72 0.000
02RC02(T) 0.326 = 0.000 + 0.326 + 0.000
3F B38 C125X50X20X2.0 02RC02 0.085 02RC72 0.000
02RC02(T) 0.506 = 0.000 + 0.506 + 0.000
2F B38 C125X50X20X2.0 02RC02 0.101 02RC72 0.000
02RC02(T) 0.398 = 0.000 + 0.398 + 0.000
3F B39 C125X50X20X2.0 02RC02 0.094 02RC72 0.000
02RC02(T) 0.642 = 0.000 + 0.642 + 0.000
2F B39 C125X50X20X2.0 02RC02 0.094 02RC72 0.000
02RC02(T) 0.642 = 0.000 + 0.642 + 0.000
2F B40 C125X50X20X2.0 02RC02 0.029 02RC72 0.000
02RC02(T) 0.053 = 0.000 + 0.053 + 0.000
2F B41 C125X50X20X2.0 02RC71 0.009 02RC72 0.000
02RC67(T) 0.089 = 0.000 + 0.089 + 0.000
PRF B42 C125X50X20X2.0 02RC71 0.094 02RC72 0.000
02RC71(T) 0.449 = 0.000 + 0.449 + 0.000
PRF B43 C125X50X20X2.0 02RC71 0.104 02RC72 0.000
02RC71(T) 0.529 = 0.000 + 0.529 + 0.000
2F B44 C125X50X20X2.0 02RC02 0.063 02RC72 0.000
02RC02(T) 0.284 = 0.000 + 0.284 + 0.000
3F B45 C125X50X20X2.0 02RC02 0.085 02RC72 0.000
02RC02(T) 0.506 = 0.000 + 0.506 + 0.000
2F B45 C125X50X20X2.0 02RC02 0.099 02RC72 0.000
02RC02(T) 0.373 = 0.000 + 0.373 + 0.000
3F B46 C125X50X20X2.0 02RC02 0.094 02RC72 0.000
02RC02(T) 0.642 = 0.000 + 0.642 + 0.000
2F B46 C125X50X20X2.0 02RC02 0.094 02RC72 0.000
02RC02(T) 0.642 = 0.000 + 0.642 + 0.000
2F B47 C125X50X20X2.0 02RC02 0.029 02RC72 0.000
02RC02(T) 0.053 = 0.000 + 0.053 + 0.000
PRF B48 C125X50X20X2.0 02RC71 0.100 02RC72 0.000
02RC71(T) 0.484 = 0.000 + 0.484 + 0.000
PRF B49 C125X50X20X2.0 02RC71 0.107 02RC72 0.000
02RC71(T) 0.508 = 0.000 + 0.508 + 0.000
2F B50 C125X50X20X2.0 02RC02 0.059 02RC72 0.000
02RC02(T) 0.253 = 0.000 + 0.253 + 0.000
2F B51 2SC125X50X20X2 02RC02 0.331 02RC72 0.000
02RC02(T) 0.447 = 0.000 + 0.447 + 0.000
3F B52 C125X50X20X2.0 02RC02 0.085 02RC72 0.000
02RC02(T) 0.506 = 0.000 + 0.506 + 0.000
2F B52 C125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.383 = 0.000 + 0.383 + 0.000
2F B53 2SC125X50X20X2 02RC02 0.388 02RC72 0.000
02RC68(T) 0.666 = 0.000 + 0.666 + 0.000
3F B54 C125X50X20X2.0 02RC02 0.094 02RC72 0.000
02RC02(T) 0.642 = 0.000 + 0.642 + 0.000
2F B54 C125X50X20X2.0 02RC02 0.094 02RC72 0.000
02RC02(T) 0.642 = 0.000 + 0.642 + 0.000
2F B55 2SC125X50X20X2 02RC02 0.283 02RC72 0.000
02RC68(T) 0.654 = 0.000 + 0.654 + 0.000
2F B56 C125X50X20X2.0 02RC02 0.029 02RC72 0.000
02RC02(T) 0.053 = 0.000 + 0.053 + 0.000
2F B58 2SC125X50X20X2 02RC72 0.232 02RC72 0.000
02RC68(C) 0.367 = 0.000 + 0.367 + 0.000
02RC72(T) 0.372 = 0.000 + 0.372 + 0.000
PRF B59 C125X50X20X2.0 02RC71 0.100 02RC72 0.000
02RC71(T) 0.483 = 0.000 + 0.483 + 0.000
PRF B60 C125X50X20X2.0 02RC71 0.107 02RC72 0.000
02RC71(C) 0.504 = 0.000 + 0.504 + 0.000
02RC45(T) 0.054 = 0.000 + 0.054 + 0.000
3F B61 C125X50X20X2.0 02RC02 0.085 02RC72 0.000
02RC02(T) 0.506 = 0.000 + 0.506 + 0.000
2F B61 C125X50X20X2.0 02RC02 0.085 02RC72 0.000
02RC02(T) 0.506 = 0.000 + 0.506 + 0.000
3F B62 C125X50X20X2.0 02RC02 0.094 02RC72 0.000
02RC02(T) 0.642 = 0.000 + 0.642 + 0.000
2F B62 C125X50X20X2.0 02RC02 0.094 02RC72 0.000
02RC02(T) 0.642 = 0.000 + 0.642 + 0.000
2F B63 C125X50X20X2.0 02RC02 0.029 02RC72 0.000
02RC02(T) 0.053 = 0.000 + 0.053 + 0.000
PRF B64 C125X50X20X2.0 02RC71 0.100 02RC72 0.000
02RC71(C) 0.480 = 0.000 + 0.480 + 0.000
02RC31(T) 0.144 = 0.000 + 0.144 + 0.000
PRF B65 C125X50X20X2.0 02RC71 0.107 02RC72 0.000
02RC71(T) 0.502 = 0.000 + 0.502 + 0.000
3F B66 C125X50X20X2.0 02RC02 0.085 02RC72 0.000
02RC02(T) 0.506 = 0.000 + 0.506 + 0.000
2F B66 C125X50X20X2.0 02RC02 0.085 02RC72 0.000
02RC02(T) 0.506 = 0.000 + 0.506 + 0.000
3F B67 C125X50X20X2.0 02RC02 0.094 02RC72 0.000
02RC02(T) 0.642 = 0.000 + 0.642 + 0.000
2F B67 C125X50X20X2.0 02RC02 0.094 02RC72 0.000
02RC02(T) 0.642 = 0.000 + 0.642 + 0.000
2F B68 C125X50X20X2.0 02RC02 0.029 02RC72 0.000
02RC02(T) 0.053 = 0.000 + 0.053 + 0.000
PRF B69 C125X50X20X2.0 02RC71 0.100 02RC72 0.000
02RC71(C) 0.472 = 0.000 + 0.472 + 0.000
02C45(T) 0.051 = 0.000 + 0.051 + 0.000
PRF B70 C125X50X20X2.0 02RC71 0.106 02RC72 0.000
02RC71(T) 0.499 = 0.000 + 0.499 + 0.000
PRF B71 C125X50X20X2.0 02RC71 0.084 02RC72 0.000
02RC71(T) 0.303 = 0.000 + 0.303 + 0.000
3F B71 2SC125X50X20X2 02RC67 0.159 02RC72 0.000
02RC67(T) 0.566 = 0.000 + 0.566 + 0.000
2F B71 2SC125X50X20X2 02RC67 0.146 02RC72 0.000
02RC67(T) 0.495 = 0.000 + 0.495 + 0.000
PRF B72 2SC125X50X20X2 02RC71 0.030 02RC72 0.000
02RC71(T) 0.184 = 0.000 + 0.184 + 0.000
3F B73 U100X100X2.0 02RC71 0.102 02RC68 0.011
02RC15(C) 0.034 = 0.000 + 0.032 + 0.002
02RC71(T) 0.099 = 0.013 + 0.085 + 0.001
2F B74 U100X100X2.0 02RC71 0.119 02RC72 0.007
02RC43(C) 0.025 = 0.001 + 0.024 + 0.000
02RC71(T) 0.129 = 0.013 + 0.115 + 0.001
PRF B75 U100X100X2.0 02RC71 0.105 02RC68 0.013
02RC15(C) 0.020 = 0.000 + 0.019 + 0.002
02RC71(T) 0.092 = 0.008 + 0.084 + 0.000
PRF B76 C125X50X20X2.0 02RC71 0.434 02RC72 0.000
02RC71(T) 0.992 = 0.000 + 0.992 + 0.000
3F B76 2SC125X50X20X2 02RC67 0.120 02RC72 0.000
02RC67(T) 0.450 = 0.000 + 0.450 + 0.000
2F B76 2SC125X50X20X2 02RC67 0.101 02RC72 0.000
02RC67(T) 0.331 = 0.000 + 0.331 + 0.000
PRF B77 2SC125X50X20X2 02RC71 0.290 02RC68 0.053
02RC71(C) 0.616 = 0.299 + 0.316 + 0.001
02RC71(T) 0.158 = 0.004 + 0.153 + 0.001
2F B78 2SC125X50X20X2 02RC67 0.165 02RC72 0.000
02RC67(T) 0.294 = 0.000 + 0.294 + 0.000
PRF B79 2SC125X50X20X2 02RC68 0.035 02RC67 0.027
02RC68(C) 0.351 = 0.234 + 0.085 + 0.031
02RC71(T) 0.129 = 0.001 + 0.007 + 0.121
3F B80 2SC125X50X20X2 02RC02 0.199 02RC72 0.000
02RC68(T) 0.377 = 0.000 + 0.377 + 0.000
PRF B81 2SC125X50X20X2 02RC68 0.056 02RC67 0.023
02RC68(C) 0.507 = 0.354 + 0.133 + 0.021
02RC72(T) 0.171 = 0.027 + 0.125 + 0.019
3F B82 2SC125X50X20X2 02RC02 0.410 02RC72 0.000
02RC68(T) 0.723 = 0.000 + 0.723 + 0.000
PRF B83 2SC125X50X20X2 02RC68 0.061 02RC71 0.037
02RC72(C) 0.643 = 0.468 + 0.159 + 0.016
02RC72(T) 0.251 = 0.037 + 0.169 + 0.045
3F B84 2SC125X50X20X2 02RC68 0.246 02RC72 0.000
02RC68(T) 0.682 = 0.000 + 0.682 + 0.000
PRF B85 C125X50X20X2.0 02RC71 0.100 02RC72 0.000
02RC23(C) 0.145 = 0.000 + 0.145 + 0.000
02RC71(T) 0.475 = 0.000 + 0.475 + 0.000
PRF B86 C125X50X20X2.0 02RC71 0.107 02RC72 0.000
02RC67(C) 0.407 = 0.000 + 0.407 + 0.000
02RC71(T) 0.501 = 0.000 + 0.501 + 0.000
3F B87 C125X50X20X2.0 02RC02 0.039 02RC72 0.000
02RC02(T) 0.112 = 0.000 + 0.112 + 0.000
2F B87 C125X50X20X2.0 02RC02 0.039 02RC72 0.000
02RC02(T) 0.112 = 0.000 + 0.112 + 0.000
3F B88 C125X50X20X2.0 02RC02 0.098 02RC72 0.000
02RC02(T) 0.588 = 0.000 + 0.588 + 0.000
2F B88 C125X50X20X2.0 02RC02 0.110 02RC72 0.000
02RC02(T) 0.472 = 0.000 + 0.472 + 0.000
2F B89 C125X50X20X2.0 02RC02 0.075 02RC72 0.000
02RC02(T) 0.384 = 0.000 + 0.384 + 0.000
PRF B90 C125X50X20X2.0 02RC71 0.101 02RC72 0.000
02RC25(C) 0.145 = 0.000 + 0.145 + 0.000
02RC71(T) 0.482 = 0.000 + 0.482 + 0.000
PRF B91 C125X50X20X2.0 02RC71 0.107 02RC72 0.000
02RC21(C) 0.154 = 0.000 + 0.154 + 0.000
02RC71(T) 0.505 = 0.000 + 0.505 + 0.000
3F B92 C125X50X20X2.0 02RC02 0.039 02RC72 0.000
02RC02(T) 0.112 = 0.000 + 0.112 + 0.000
2F B92 C125X50X20X2.0 02RC02 0.039 02RC72 0.000
02RC02(T) 0.112 = 0.000 + 0.112 + 0.000
3F B93 C125X50X20X2.0 02RC02 0.095 02RC72 0.000
02RC02(T) 0.629 = 0.000 + 0.629 + 0.000
2F B93 C125X50X20X2.0 02RC02 0.107 02RC72 0.000
02RC02(T) 0.479 = 0.000 + 0.479 + 0.000
2F B94 C125X50X20X2.0 02RC02 0.067 02RC72 0.000
02RC02(T) 0.321 = 0.000 + 0.321 + 0.000
PRF B95 C125X50X20X2.0 02RC71 0.101 02RC72 0.000
02RC67(C) 0.398 = 0.000 + 0.398 + 0.000
02RC71(T) 0.486 = 0.000 + 0.486 + 0.000
PRF B96 C125X50X20X2.0 02RC71 0.107 02RC72 0.000
02RC71(T) 0.507 = 0.000 + 0.507 + 0.000
2F B97 2SC125X50X20X2 02RC72 0.044 02RC72 0.000
02RC72(T) 0.218 = 0.000 + 0.218 + 0.000
3F B98 2SC125X50X20X2 02RC02 0.104 02RC72 0.000
02RC02(C) 0.191 = 0.000 + 0.191 + 0.000
02RC02(T) 0.356 = 0.000 + 0.356 + 0.000
2F B98 2SC125X50X20X2 02RC02 0.104 02RC72 0.000
02RC02(C) 0.180 = 0.000 + 0.180 + 0.000
02RC02(T) 0.355 = 0.000 + 0.355 + 0.000
3F B99 C125X50X20X2.0 02RC02 0.039 02RC72 0.000
02RC02(T) 0.112 = 0.000 + 0.112 + 0.000
2F B99 C125X50X20X2.0 02RC02 0.039 02RC72 0.000
02RC02(T) 0.112 = 0.000 + 0.112 + 0.000
2F B100 2SC125X50X20X2 02RC02 0.269 02RC72 0.000
02RC68(T) 0.592 = 0.000 + 0.592 + 0.000
3F B101 C125X50X20X2.0 02RC02 0.096 02RC72 0.000
02RC02(T) 0.623 = 0.000 + 0.623 + 0.000
2F B101 C125X50X20X2.0 02RC02 0.107 02RC72 0.000
02RC02(T) 0.478 = 0.000 + 0.478 + 0.000
2F B102 2SC125X50X20X2 02RC02 0.404 02RC72 0.000
02RC68(T) 0.896 = 0.000 + 0.896 + 0.000
2F B103 C125X50X20X2.0 02RC02 0.068 02RC72 0.000
02RC02(T) 0.324 = 0.000 + 0.324 + 0.000
2F B104 C125X50X20X2.0 02RC68 0.051 02RC72 0.000
02RC68(C) 0.150 = 0.000 + 0.150 + 0.000
02RC68(T) 0.376 = 0.000 + 0.376 + 0.000
PRF B105 C125X50X20X2.0 02RC71 0.101 02RC72 0.000
02RC71(T) 0.487 = 0.000 + 0.487 + 0.000
PRF B106 C125X50X20X2.0 02RC71 0.108 02RC72 0.000
02RC71(T) 0.512 = 0.000 + 0.512 + 0.000
3F B107 C125X50X20X2.0 02RC02 0.039 02RC72 0.000
02RC02(T) 0.112 = 0.000 + 0.112 + 0.000
2F B107 C125X50X20X2.0 02RC02 0.039 02RC72 0.000
02RC02(T) 0.112 = 0.000 + 0.112 + 0.000
3F B108 C125X50X20X2.0 02RC02 0.102 02RC72 0.000
02RC02(T) 0.542 = 0.000 + 0.542 + 0.000
2F B108 C125X50X20X2.0 02RC02 0.110 02RC72 0.000
02RC02(T) 0.470 = 0.000 + 0.470 + 0.000
2F B109 C125X50X20X2.0 02RC02 0.069 02RC72 0.000
02RC02(T) 0.335 = 0.000 + 0.335 + 0.000
PRF B110 C125X50X20X2.0 02RC71 0.094 02RC72 0.000
02RC71(T) 0.446 = 0.000 + 0.446 + 0.000
PRF B111 C125X50X20X2.0 02RC71 0.104 02RC72 0.000
02RC71(T) 0.527 = 0.000 + 0.527 + 0.000
3F B112 C125X50X20X2.0 02RC02 0.039 02RC72 0.000
02RC02(T) 0.112 = 0.000 + 0.112 + 0.000
2F B112 C125X50X20X2.0 02RC02 0.039 02RC72 0.000
02RC02(T) 0.112 = 0.000 + 0.112 + 0.000
3F B113 C125X50X20X2.0 02RC02 0.104 02RC72 0.000
02RC02(T) 0.512 = 0.000 + 0.512 + 0.000
2F B113 C125X50X20X2.0 02RC02 0.112 02RC72 0.000
02RC02(T) 0.478 = 0.000 + 0.478 + 0.000
2F B114 C125X50X20X2.0 02RC02 0.073 02RC72 0.000
02RC02(T) 0.369 = 0.000 + 0.369 + 0.000
PRF B115 C125X50X20X2.0 02RC71 0.099 02RC72 0.000
02RC67(C) 0.389 = 0.000 + 0.389 + 0.000
02RC71(T) 0.474 = 0.000 + 0.474 + 0.000
PRF B116 C125X50X20X2.0 02RC71 0.107 02RC72 0.000
02RC71(C) 0.512 = 0.000 + 0.512 + 0.000
02RC68(T) 0.328 = 0.000 + 0.328 + 0.000
PRF B117 U100X100X2.0 02RC68 0.022 02RC71 0.012
02RC68(C) 0.035 = 0.005 + 0.024 + 0.007
02RC15(T) 0.009 = 0.000 + 0.004 + 0.005
3F B118 U100X100X2.0 02RC68 0.059 02RC71 0.012
02RC68(C) 0.095 = 0.019 + 0.068 + 0.008
02RC50(T) 0.021 = 0.006 + 0.014 + 0.001
2F B119 U100X100X2.0 02RC72 0.087 02RC68 0.006
02RC72(C) 0.148 = 0.033 + 0.111 + 0.005
02RC18(T) 0.031 = 0.011 + 0.019 + 0.001
PRF B120 U100X100X2.0 02RC68 0.044 02RC67 0.013
02RC68(C) 0.078 = 0.012 + 0.055 + 0.011
02RC71(T) 0.051 = 0.002 + 0.027 + 0.021
3F B121 U100X100X2.0 02RC68 0.091 02RC67 0.008
02RC68(C) 0.154 = 0.027 + 0.114 + 0.013
02C29(T) 0.026 = 0.001 + 0.024 + 0.001
2F B122 U100X100X2.0 02RC68 0.121 02RC71 0.004
02RC68(C) 0.195 = 0.029 + 0.155 + 0.010
02RC02(T) 0.030 = 0.006 + 0.024 + 0.000
PRF B123 U100X100X2.0 02RC68 0.063 02RC67 0.005
02RC68(C) 0.115 = 0.022 + 0.080 + 0.013
02RC71(T) 0.040 = 0.005 + 0.018 + 0.017
3F B124 U100X100X2.0 02RC68 0.120 02RC67 0.017
02RC68(C) 0.223 = 0.053 + 0.153 + 0.018
02RC67(T) 0.043 = 0.013 + 0.007 + 0.023
2F B125 U100X100X2.0 02RC68 0.133 02RC68 0.016
02RC68(C) 0.280 = 0.078 + 0.181 + 0.021
02RC67(T) 0.080 = 0.031 + 0.035 + 0.015
PRF B126 U100X100X2.0 02RC71 0.024 02RC71 0.002
02RC68(C) 0.019 = 0.003 + 0.006 + 0.011
02RC71(T) 0.043 = 0.006 + 0.035 + 0.001
3F B127 U100X100X2.0 02RC71 0.069 02RC72 0.010
02RC11(C) 0.042 = 0.008 + 0.032 + 0.001
02RC71(T) 0.126 = 0.032 + 0.091 + 0.003
2F B128 U100X100X2.0 02RC71 0.072 02RC71 0.010
02RC11(C) 0.040 = 0.010 + 0.029 + 0.002
02RC71(T) 0.158 = 0.045 + 0.106 + 0.007
3F B129 2SC125X50X20X2 02RC67 0.173 02RC72 0.000
02RC67(T) 0.559 = 0.000 + 0.559 + 0.000
2F B129 2SC125X50X20X2 02RC67 0.154 02RC72 0.000
02RC67(T) 0.476 = 0.000 + 0.476 + 0.000
PRF B130 2SC125X50X20X2 02RC71 0.151 02RC72 0.000
02RC71(T) 0.498 = 0.000 + 0.498 + 0.000
3F B131 2SC125X50X20X2 02RC67 0.129 02RC72 0.000
02RC67(T) 0.489 = 0.000 + 0.489 + 0.000
2F B131 2SC125X50X20X2 02RC67 0.116 02RC72 0.000
02RC67(T) 0.425 = 0.000 + 0.425 + 0.000
PRF B132 2SC125X50X20X2 02RC71 0.133 02RC72 0.000
02RC71(T) 0.405 = 0.000 + 0.405 + 0.000
2F B133 U100X100X2.0 02RC67 0.074 02RC67 0.010
02RC67(C) 0.162 = 0.048 + 0.107 + 0.008
02RC68(T) 0.093 = 0.057 + 0.026 + 0.010
3F B134 U100X100X2.0 02RC67 0.070 02RC68 0.018

02RC67(C) 0.128 = 0.035 + 0.091 + 0.002
02RC72(T) 0.103 = 0.031 + 0.048 + 0.024
PRF B135 U100X100X2.0 02RC67 0.012 02RC71 0.006
02RC67(C) 0.028 = 0.007 + 0.020 + 0.001
02RC72(T) 0.025 = 0.001 + 0.021 + 0.003
2F B136 2SC125X50X20X2 02RC02 0.032 02RC72 0.000
02RC67(T) 0.026 = 0.000 + 0.026 + 0.000

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

STORY LEVEL	BRACE BAY	SECTION ID	COMBO	/----------MOMENT INTERACTION CHECK----------//----SHEAR22----//----SHEAR33----/ RATIO = AXL + B33 + B22	COMBO	RATIO	COMBO	RATIO
PRF	D1	U100X100X2.0		02RC67 0.005	02RC13	0.001		
			02RC68(C)	0.040 = 0.006 + 0.014 + 0.020				
			02RC48(T)	0.005 = 0.001 + 0.003 + 0.000				
PRF	D2	U100X100X2.0		02RC71 0.016	02RC72	0.002		
			02RC71(C)	0.064 = 0.017 + 0.047 + 0.001				
			02RC15(T)	0.022 = 0.002 + 0.018 + 0.002				
3F	D3	U100X100X2.0		02RC71 0.004	02RC72	0.004		
			02RC67(C)	0.100 = 0.081 + 0.012 + 0.006				
			02RC72(T)	0.037 = 0.003 + 0.004 + 0.030				
3F	D4	U100X100X2.0		02RC71 0.014	02RC72	0.001		
			02RC71(C)	0.154 = 0.085 + 0.066 + 0.002				
			02RC72(T)	0.046 = 0.005 + 0.027 + 0.015				
2F	D5	U100X100X2.0		02RC71 0.007	02RC68	0.021		
			02RC67(C)	0.312 = 0.257 + 0.021 + 0.034				
			02RC68(T)	0.085 = 0.017 + 0.006 + 0.062				
2F	D6	U100X100X2.0		02RC72 0.014	02RC72	0.025		
			02RC67(C)	0.363 = 0.257 + 0.099 + 0.007				
			02RC72(T)	0.185 = 0.027 + 0.055 + 0.102				
2F	D7	U100X100X2.0		02RC72 0.013	02RC72	0.030		
			02RC13(C)	0.058 = 0.025 + 0.009 + 0.024				
			02RC72(T)	0.400 = 0.250 + 0.014 + 0.136				
2F	D8	U100X100X2.0		02RC67 0.020	02RC68	0.022		
			02RC02(C)	0.068 = 0.013 + 0.003 + 0.051				
			02RC71(T)	0.303 = 0.226 + 0.064 + 0.012				
3F	D9	U100X100X2.0		02RC67 0.013	02RC72	0.004		
			02RC15(C)	0.032 = 0.020 + 0.008 + 0.004				
			02RC67(T)	0.142 = 0.075 + 0.066 + 0.001				
3F	D10	U100X100X2.0		02RC68 0.005	02RC72	0.005		
			02RC15(C)	0.024 = 0.020 + 0.002 + 0.002				
			02RC71(T)	0.094 = 0.075 + 0.013 + 0.005				
PRF	D11	U100X100X2.0		02RC67 0.015	02RC68	0.003		
			02RC02(C)	0.017 = 0.002 + 0.015 + 0.000				
			02RC67(T)	0.062 = 0.013 + 0.045 + 0.004				
PRF	D12	U100X100X2.0		02RC67 0.007	02RC71	0.003		
			02RC68(C)	0.024 = 0.007 + 0.015 + 0.002				
			02RC71(T)	0.031 = 0.011 + 0.015 + 0.005				
PRF	D13	U100X100X2.0		02RC68 0.008	02RC03	0.003		
			02RC72(C)	0.043 = 0.002 + 0.026 + 0.014				
			02RC67(T)	0.020 = 0.013 + 0.000 + 0.007				
PRF	D14	U100X100X2.0		02RC02 0.010	02RC71	0.004		
			02RC68(C)	0.039 = 0.005 + 0.018 + 0.016				
			02RC67(T)	0.049 = 0.013 + 0.021 + 0.015				
3F	D15	U100X100X2.0		02RC67 0.003	02RC71	0.006		
			02RC72(C)	0.066 = 0.040 + 0.009 + 0.017				
			02RC67(T)	0.065 = 0.039 + 0.007 + 0.019				
3F	D16	U100X100X2.0		02RC02 0.016	02RC71	0.005		
			02RC72(C)	0.081 = 0.044 + 0.017 + 0.020				
			02RC67(T)	0.084 = 0.045 + 0.021 + 0.017				
2F	D17	U100X100X2.0		02RC02 0.022	02RC67	0.013		
			02RC68(C)	0.147 = 0.079 + 0.054 + 0.014				
			02RC67(T)	0.161 = 0.077 + 0.029 + 0.056				
2F	D18	U100X100X2.0		02RC71 0.016	02RC71	0.024		
			02RC72(C)	0.203 = 0.072 + 0.096 + 0.035				
			02RC71(T)	0.250 = 0.087 + 0.038 + 0.125				
PRF	D19	U100X100X2.0		02RC68 0.010	02RC71	0.041		
			02RC71(C)	0.161 = 0.004 + 0.013 + 0.145				
			02RC67(T)	0.154 = 0.001 + 0.011 + 0.143				
PRF	D20	U100X100X2.0		02RC02 0.018	02RC71	0.001		
			02RC68(C)	0.060 = 0.016 + 0.029 + 0.015				
			02RC02(T)	0.062 = 0.003 + 0.059 + 0.000				
3F	D21	U100X100X2.0		02RC68 0.004	02RC71	0.031		
			02RC72(C)	0.077 = 0.054 + 0.014 + 0.009				
			02RC71(T)	0.100 = 0.001 + 0.002 + 0.097				
3F	D22	U100X100X2.0		02RC02 0.024	02RC71	0.002		
			02RC72(C)	0.108 = 0.056 + 0.033 + 0.019				
			02RC02(T)	0.076 = 0.004 + 0.071 + 0.001				
2F	D23	U100X100X2.0		02RC02 0.028	02RC71	0.027		
			02RC68(C)	0.180 = 0.090 + 0.071 + 0.019				
			02RC13(T)	0.084 = 0.003 + 0.078 + 0.003				
2F	D24	U100X100X2.0		02RC72 0.023	02RC71	0.019		
			02RC72(C)	0.249 = 0.079 + 0.138 + 0.031				
			02RC71(T)	0.139 = 0.005 + 0.005 + 0.129				
PRF	D25	U100X100X2.0		02RC68 0.009	02RC71	0.013		
			02RC72(C)	0.086 = 0.029 + 0.044 + 0.013				
			02RC13(T)	0.020 = 0.007 + 0.006 + 0.006				
PRF	D26	U100X100X2.0		02RC72 0.013	02RC67	0.004		
			02RC72(C)	0.090 = 0.037 + 0.039 + 0.014				
			02RC02(T)	0.041 = 0.004 + 0.034 + 0.003				
3F	D27	U100X100X2.0		02RC68 0.006	02RC67	0.006		
			02RC72(C)	0.230 = 0.206 + 0.005 + 0.018				
			02RC13(T)	0.020 = 0.015 + 0.003 + 0.002				
3F	D28	U100X100X2.0		02RC02 0.016	02RC67	0.003		
			02RC72(C)	0.272 = 0.222 + 0.038 + 0.012				
			02RC13(T)	0.060 = 0.018 + 0.042 + 0.000				
2F	D29	U100X100X2.0		02RC68 0.018	02RC71	0.022		
			02RC68(C)	0.446 = 0.356 + 0.064 + 0.025				
			02RC02(T)	0.071 = 0.002 + 0.067 + 0.001				
2F	D30	U100X100X2.0		02RC67 0.018	02RC67	0.025		
			02RC72(C)	0.492 = 0.357 + 0.124 + 0.012				
			02RC13(T)	0.043 = 0.015 + 0.026 + 0.002				
PRF	D31	2SC125X50X20X2		02RC72 0.069	02RC71	0.115		
			02RC68(C)	0.587 = 0.445 + 0.009 + 0.133				
			02RC68(T)	0.226 = 0.014 + 0.006 + 0.207				
PRF	D32	2SC125X50X20X2		02RC72 0.097	02RC67	0.032		
			02RC68(C)	0.763 = 0.684 + 0.043 + 0.035				
			02RC71(T)	0.413 = 0.230 + 0.110 + 0.073				
PRF	D33	2SC125X50X20X2		02RC72 0.147	02RC71	0.179		
			02RC68(C)	1.044 = 0.742 + 0.228 + 0.074				
			02RC71(T)	0.557 = 0.064 + 0.015 + 0.479				
3F	D34	U100X100X2.0		02RC67 0.026	02RC68	0.026		
			02RC68(C)	0.126 = 0.009 + 0.020 + 0.097				
			02RC48(T)	0.012 = 0.005 + 0.006 + 0.001				
3F	D35	U100X100X2.0		02RC71 0.015	02RC68	0.002		
			02RC71(C)	0.104 = 0.036 + 0.066 + 0.002				
			02RC47(T)	0.023 = 0.005 + 0.018 + 0.001				
2F	D36	U100X100X2.0		02RC67 0.024	02RC68	0.030		
			02RC67(C)	0.134 = 0.052 + 0.082 + 0.000				
			02RC48(T)	0.017 = 0.003 + 0.014 + 0.000				
2F	D37	U100X100X2.0		02RC71 0.027	02RC68	0.024		
			02RC67(C)	0.199 = 0.052 + 0.147 + 0.000				
			02RC44(T)	0.030 = 0.002 + 0.028 + 0.000				
PRF	D38	U100X100X2.0		02RC71 0.017	02RC02	0.001		
			02RC71(C)	0.072 = 0.027 + 0.042 + 0.002				
			02RC15(T)	0.026 = 0.002 + 0.023 + 0.001				
PRF	D39	U100X100X2.0		02RC71 0.053	02RC68	0.038		
			02RC67(C)	0.202 = 0.002 + 0.197 + 0.002				
			02RC71(T)	0.203 = 0.001 + 0.199 + 0.002				
2F	D40	U100X100X2.0		02RC67 0.025	02RC68	0.035		
			02RC68(C)	0.218 = 0.005 + 0.006 + 0.207				
			02RC67(T)	0.398 = 0.242 + 0.146 + 0.010				
PRF	D41	2SC125X50X20X2		02RC68 0.083	02RC71	0.111		
			02RC71(C)	0.364 = 0.049 + 0.009 + 0.306				
			02RC68(T)	0.445 = 0.270 + 0.119 + 0.055				
PRF	D42	2SC125X50X20X2		02RC68 0.132	02RC67	0.030		
			02RC68(C)	0.259 = 0.072 + 0.186 + 0.002				
			02RC72(T)	0.598 = 0.413 + 0.179 + 0.006				
PRF	D43	2SC125X50X20X2		02RC68 0.163	02RC71	0.175		
			02RC68(C)	0.560 = 0.214 + 0.227 + 0.120				
			02RC68(T)	0.916 = 0.541 + 0.238 + 0.137				
PRF	D44	U100X100X2.0		02RC72 0.007	02RC68	0.005		
			02RC17(C)	0.011 = 0.002 + 0.007 + 0.002				
			02RC72(T)	0.031 = 0.004 + 0.024 + 0.003				
PRF	D45	U100X100X2.0		02RC68 0.007	02RC71	0.003		
			02RC15(C)	0.009 = 0.001 + 0.003 + 0.006				
			02RC68(T)	0.036 = 0.008 + 0.020 + 0.008				
3F	D46	U100X100X2.0		02RC68 0.003	02RC71	0.006		
			02RC17(C)	0.018 = 0.013 + 0.002 + 0.002				
			02RC72(T)	0.061 = 0.036 + 0.009 + 0.016				
3F	D47	U100X100X2.0		02RC68 0.008	02RC67	0.004		
			02RC18(C)	0.020 = 0.015 + 0.004 + 0.001				
			02RC72(T)	0.088 = 0.040 + 0.027 + 0.021				
2F	D48	U100X100X2.0		02RC68 0.006	02RC71	0.009		
			02RC11(C)	0.033 = 0.021 + 0.004 + 0.009				
			02RC71(T)	0.125 = 0.063 + 0.015 + 0.047				
2F	D49	U100X100X2.0		02RC68 0.017	02RC71	0.023		
			02RC11(C)	0.054 = 0.023 + 0.007 + 0.024				
			02RC71(T)	0.235 = 0.073 + 0.044 + 0.117				
PRF	D50	U100X100X2.0		02RC72 0.006	02RC67	0.038		
			02RC71(C)	0.154 = 0.004 + 0.013 + 0.138				
			02RC67(T)	0.148 = 0.000 + 0.011 + 0.137				
PRF	D51	U100X100X2.0		02RC68 0.021	02RC67	0.002		
			02RC13(C)	0.033 = 0.000 + 0.032 + 0.001				
			02RC68(T)	0.082 = 0.020 + 0.047 + 0.016				
3F	D52	U100X100X2.0		02RC68 0.007	02RC67	0.030		
			02RC13(C)	0.013 = 0.008 + 0.002 + 0.003				
			02RC67(T)	0.101 = 0.001 + 0.001 + 0.098				
3F	D53	U100X100X2.0		02RC68 0.023	02RC67	0.002		
			02RC11(C)	0.039 = 0.000 + 0.035 + 0.004				
			02RC68(T)	0.148 = 0.050 + 0.079 + 0.018				
2F	D54	U100X100X2.0		02RC68 0.009	02RC67	0.026		
			02RC67(C)	0.067 = 0.004 + 0.001 + 0.062				
			02RC72(T)	0.140 = 0.067 + 0.052 + 0.020				
2F	D55	U100X100X2.0		02RC68 0.031	02RC71	0.018		
			02RC67(C)	0.124 = 0.002 + 0.002 + 0.120				
			02RC72(T)	0.244 = 0.060 + 0.151 + 0.033				
PRF	D56	U100X100X2.0		02RC72 0.008	02RC71	0.014		
			02RC71(C)	0.044 = 0.011 + 0.004 + 0.030				
			02RC68(T)	0.103 = 0.033 + 0.041 + 0.030				
PRF	D57	U100X100X2.0		02RC68 0.022	02RC02	0.008		
			02RC67(C)	0.047 = 0.011 + 0.024 + 0.012				
			02RC68(T)	0.109 = 0.039 + 0.049 + 0.022				
3F	D58	U100X100X2.0		02RC68 0.006	02RC71	0.005		
			02RC71(C)	0.045 = 0.030 + 0.004 + 0.010				
			02RC68(T)	0.129 = 0.099 + 0.017 + 0.014				
3F	D59	U100X100X2.0		02RC68 0.026	02RC67	0.007		
			02RC67(C)	0.120 = 0.033 + 0.060 + 0.027				
			02RC68(T)	0.302 = 0.208 + 0.089 + 0.006				
2F	D60	U100X100X2.0		02RC68 0.007	02RC71	0.009		
			02RC67(C)	0.131 = 0.074 + 0.011 + 0.046				
			02RC72(T)	0.402 = 0.321 + 0.053 + 0.027				
2F	D61	U100X100X2.0		02RC68 0.020	02RC67	0.024		
			02RC67(C)	0.247 = 0.084 + 0.046 + 0.117				
			02RC72(T)	0.456 = 0.317 + 0.129 + 0.011				
PRF	D62	U100X100X2.0		02RC67 0.005	02RC68	0.003		
			02RC71(C)	0.026 = 0.008 + 0.018 + 0.001				
			02RC68(T)	0.039 = 0.005 + 0.005 + 0.030				
PRF	D63	U100X100X2.0		02RC71 0.014	02RC72	0.002		
			02RC71(C)	0.061 = 0.015 + 0.042 + 0.004				
			02RC68(T)	0.066 = 0.003 + 0.037 + 0.026				
3F	D64	U100X100X2.0		02RC67 0.003	02RC72	0.004		
			02RC71(C)	0.082 = 0.069 + 0.012 + 0.001				
			02RC11(T)	0.018 = 0.015 + 0.002 + 0.001				
3F	D65	U100X100X2.0		02RC68 0.015	02RC68	0.003		
			02RC71(C)	0.141 = 0.074 + 0.060 + 0.007				
			02RC11(T)	0.053 = 0.016 + 0.032 + 0.005				
2F	D66	U100X100X2.0		02RC68 0.005	02RC72	0.009		
			02RC71(C)	0.267 = 0.216 + 0.046 + 0.005				
			02RC11(T)	0.032 = 0.019 + 0.010 + 0.003				
2F	D67	U100X100X2.0		02RC68 0.017	02RC72	0.026		
			02RC71(C)	0.323 = 0.210 + 0.097 + 0.016				
			02RC11(T)	0.042 = 0.019 + 0.024 + 0.000				
2F	D68	U100X100X2.0		02RC68 0.016	02RC68	0.032		
			02RC68(C)	0.455 = 0.296 + 0.019 + 0.139				
			02RC71(T)	0.222 = 0.097 + 0.108 + 0.017				
2F	D69	U100X100X2.0		02RC68 0.006	02RC68	0.012		
			02RC68(C)	0.327 = 0.270 + 0.002 + 0.055				
			02RC67(T)	0.157 = 0.096 + 0.053 + 0.007				
3F	D70	U100X100X2.0		02RC67 0.014	02RC72	0.004		
			02RC68(C)	0.111 = 0.076 + 0.016 + 0.019				
			02RC67(T)	0.140 = 0.068 + 0.066 + 0.006				
3F	D71	U100X100X2.0		02RC67 0.005	02RC68	0.006		
			02RC72(C)	0.096 = 0.067 + 0.005 + 0.024				
			02RC67(T)	0.079 = 0.063 + 0.014 + 0.002				
PRF	D72	U100X100X2.0		02RC67 0.014	02RC72	0.002		
			02RC02(C)	0.019 = 0.003 + 0.014 + 0.002				
			02RC67(T)	0.053 = 0.011 + 0.042 + 0.001				
PRF	D73	U100X100X2.0		02RC71 0.007	02RC71	0.003		
			02RC11(C)	0.009 = 0.003 + 0.004 + 0.002				
			02RC71(T)	0.035 = 0.011 + 0.014 + 0.010				

```
$ File E:\WORK\2022\2208A\MODEL\SAFE\SC3-1\22081\2208A-SC3-1-220812-001.U3S saved 8/14/22 22:35:30 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  "1-1"  173.5
  GRID  "GLOBAL"  X  "2"  324
  GRID  "GLOBAL"  X  "3"  685
  GRID  "GLOBAL"  X  "4"  795
  GRID  "GLOBAL"  Y  "A"  0
  GRID  "GLOBAL"  Y  "B"  337.5
  GRID  "GLOBAL"  Y  "C"  685
  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  "F1"  K 1
  SOILPROP  "F4"  K 1
  SOILPROP  "F6"  K 1
  SOILPROP  "F5"  K 1
  SOILPROP  "F2"  K 1
  SOILPROP  "F3"  K 1
$ POINT COORDINATES
  POINT  "12"  0  0
  POINT  "69"  0  337.5
  POINT  "115"  0  685
  POINT  "118"  324  685
  POINT  "120"  685  685
  POINT  "71"  324  337.5
  POINT  "14"  324  0
  POINT  "73"  685  337.5
  POINT  "16"  685  0
  POINT  "17"  795  0
  POINT  "74"  795  337.5
  POINT  "26"  0  90
  POINT  "104"  0  595
  POINT  "27"  324  90
  POINT  "105"  324  595
  POINT  "28"  685  90
  POINT  "106"  685  595
  POINT  "29"  795  90
  POINT  "13"  90  0
  POINT  "15"  595  0
  POINT  "72"  384  337.5
  POINT  "116"  90  685
  POINT  "119"  595  685
$ LINE CONNECTIVITY
  LINE  "B51"  0  0  0  337.5
  LINE  "B97"  0  337.5  0  685
  LINE  "B129"  0  685  324  685
  LINE  "B131"  324  685  685  685
  LINE  "B71"  0  337.5  324  337.5
  LINE  "B100"  324  337.5  324  685
  LINE  "B18"  0  0  324  0
  LINE  "B53"  324  0  324  337.5
  LINE  "B76"  324  337.5  685  337.5
  LINE  "B102"  685  337.5  685  685
  LINE  "B20"  324  0  685  0
  LINE  "B25"  685  0  795  0
  LINE  "B57"  795  0  795  337.5
  LINE  "B55"  685  0  685  337.5
  LINE  "B98"  173.5  337.5  173.5  685
  LINE  "16"  685  337.5  795  337.5
$ AREA CONNECTIVITY
  AREA  "F1"  4 0  337.5  0  0  324  0  324  337.5
  AREA  "F4"  4 0  685  0  337.5  173.5  337.5  173.5  685
  AREA  "F6"  4 685  685  324  685  324  337.5  685  337.5
  AREA  "F5"  4 324  337.5  324  685  173.5  685  173.5  337.5
  AREA  "F2"  4 324  337.5  324  0  685  0  685  337.5
  AREA  "F3"  4 685  0  795  0  795  337.5  685  337.5
$ BEAM ASSIGNS
  BEAM  "B51"  "RB60X40C4"
  BEAM  "B97"  "RB60X40C4"
  BEAM  "B129"  "RB60X40C4"
  BEAM  "B131"  "RB60X40C4"
  BEAM  "B71"  "RB60X40C4"
  BEAM  "B100"  "RB60X40C4"
  BEAM  "B18"  "RB60X40C4"
  BEAM  "B53"  "RB60X40C4"
  BEAM  "B76"  "RB60X40C4"
  BEAM  "B102"  "RB60X40C4"
  BEAM  "B20"  "RB60X40C4"
  BEAM  "B25"  "RB60X40C4"
  BEAM  "B57"  "RB60X40C4"
  BEAM  "B55"  "RB60X40C4"
  BEAM  "B98"  "RB60X40C4"
  BEAM  "16"  "RB60X40C4"
$ SLAB ASSIGNS
  SLAB  "F1"  "S40"
  SLAB  "F4"  "S40"
  SLAB  "F6"  "S40"
  SLAB  "F5"  "S40"
  SLAB  "F2"  "S40"
  SLAB  "F3"  "S40"
$ COLUMN ASSIGNS
$ WALL ASSIGNS
$ SOIL ASSIGNS
  SOIL  "F1"  "F1"
  SOIL  "F4"  "F4"
  SOIL  "F6"  "F6"
  SOIL  "F5"  "F5"
  SOIL  "F2"  "F2"
  SOIL  "F3"  "F3"
$ RELEASE ASSIGNS
$ LOADS
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  POINTLOAD  "DL"  "12"  F  179.153  MX  177.6317  MY  -118.2331
  POINTLOAD  "DL"  "69"  F  292.9949  MX  -49.87829  MY  -291.6406
  POINTLOAD  "DL"  "115"  F  139.312  MX  -65.49963  MY  -154.9696
  POINTLOAD  "DL"  "26"  F  288.3884  MX  54.39663  MY  -46.91297
  POINTLOAD  "DL"  "104"  F  257.0522  MX  -47.4665  MY  -59.40588
  POINTLOAD  "DL"  "14"  F  241.1018  MX  227.6629  MY  -60.0065
  POINTLOAD  "DL"  "71"  F  256.9484  MX  30.99962  MY  -140.9846
  POINTLOAD  "DL"  "118"  F  200.2959  MX  -117.3978  MY  17.16726
  POINTLOAD  "DL"  "27"  F  357.6171  MX  80.94166  MY  -40.42031
  POINTLOAD  "DL"  "105"  F  355.0683  MX  -63.16734  MY  -12.01133
  POINTLOAD  "DL"  "16"  F  160.8053  MX  203.6152  MY  55.85619
  POINTLOAD  "DL"  "73"  F  374.7548  MX  149.1236  MY  659.8075
  POINTLOAD  "DL"  "120"  F  140.4643  MX  -105.0869  MY  80.5742
  POINTLOAD  "DL"  "28"  F  253.4311  MX  112.1139  MY  -2.437849
  POINTLOAD  "DL"  "106"  F  299.7836  MX  -56.02628  MY  7.448623
  POINTLOAD  "DL"  "17"  F  69.64232  MX  -200.4124  MY  30.93708
  POINTLOAD  "DL"  "74"  F  50.43187  MX  -12.64427  MY  136.4137
  POINTLOAD  "DL"  "29"  F  58.35267  MX  250.5526  MY  -31.58406
  POINTLOAD  "DL"  "13"  F  250.0133  MX  38.90642  MY  -64.60416
  POINTLOAD  "DL"  "15"  F  285.5208  MX  61.93008  MY  29.24576
  POINTLOAD  "DL"  "72"  F  391.3072  MX  44.95062  MY  -57.74582
  POINTLOAD  "DL"  "116"  F  238.354  MX  -1.166822  MY  -129.9782
  POINTLOAD  "DL"  "119"  F  253.5651  MX  16.65419  MY  46.61128
  LOAD "SDL"  TYPE  DEAD  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "SDL"  "12"  F  294.1017  MX  565.1904  MY  -215.3849
  POINTLOAD  "SDL"  "69"  F  489.3534  MX  -707.6676  MY  -1125.58
  POINTLOAD  "SDL"  "115"  F  85.2285  MX  197.2936  MY  -310.9076
  POINTLOAD  "SDL"  "26"  F  488.8809  MX  -23.80857  MY  -359.073
  POINTLOAD  "SDL"  "104"  F  210.0516  MX  250.451  MY  -167.7528
  POINTLOAD  "SDL"  "14"  F  601.7579  MX  844.3869  MY  -248.8718
  POINTLOAD  "SDL"  "71"  F  637.4953  MX  -44.14424  MY  -231.2027
  POINTLOAD  "SDL"  "118"  F  386.0577  MX  -247.47  MY  4.055554
  POINTLOAD  "SDL"  "27"  F  922.9929  MX  66.36372  MY  -164.1133
  POINTLOAD  "SDL"  "105"  F  820.477  MX  46.88167  MY  -72.5156
  POINTLOAD  "SDL"  "16"  F  235.0015  MX  646.8134  MY  -51.89134
  POINTLOAD  "SDL"  "73"  F  826.0326  MX  602.2708  MY  611.8454
  POINTLOAD  "SDL"  "120"  F  151.9476  MX  -288.4933  MY  63.64505
  POINTLOAD  "SDL"  "28"  F  360.0744  MX  181.9169  MY  -67.97814
  POINTLOAD  "SDL"  "106"  F  579.9539  MX  27.88204  MY  166.8995
  POINTLOAD  "SDL"  "17"  F  62.85982  MX  -368.4456  MY  5.629386
  POINTLOAD  "SDL"  "74"  F  -9.589665  MX  -473.9381  MY  174.8028
  POINTLOAD  "SDL"  "29"  F  51.12164  MX  912.1006  MY  -130.6343
  POINTLOAD  "SDL"  "13"  F  298.7852  MX  128.2184  MY  -78.37311
  POINTLOAD  "SDL"  "15"  F  467.1527  MX  220.584  MY  -203.9318
  POINTLOAD  "SDL"  "72"  F  891.2398  MX  108.751  MY  130.5548
  POINTLOAD  "SDL"  "116"  F  188.7024  MX  149.3212  MY  -212.1468
  POINTLOAD  "SDL"  "119"  F  335.3122  MX  125.9282  MY  -26.38411
  AREALOAD  "SDL"  "F1"  W  0.03
  AREALOAD  "SDL"  "F4"  W  0.03
  AREALOAD  "SDL"  "F6"  W  0.03
  AREALOAD  "SDL"  "F5"  W  0.03
  AREALOAD  "SDL"  "F2"  W  0.03
  AREALOAD  "SDL"  "F3"  W  0.03
  LOAD "LL"  TYPE  LIVE  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "LL"  "12"  F  1038.706  MX  2057.468  MY  -527.2143
  POINTLOAD  "LL"  "69"  F  1384.437  MX  -1882.201  MY  -3716.296
  POINTLOAD  "LL"  "115"  F  131.2752  MX  1175.863  MY  -951.822
  POINTLOAD  "LL"  "26"  F  1409.373  MX  -510.8133  MY  -1058.849
  POINTLOAD  "LL"  "104"  F  637.7702  MX  1389.822  MY  -462.1955
  POINTLOAD  "LL"  "14"  F  1950.621  MX  2860.014  MY  -759.0776
  POINTLOAD  "LL"  "71"  F  1812.898  MX  272.2251  MY  -548.6182
  POINTLOAD  "LL"  "118"  F  918.4874  MX  -188.1178  MY  78.21621
  POINTLOAD  "LL"  "27"  F  2599.838  MX  -431.9734  MY  -480.6989
  POINTLOAD  "LL"  "105"  F  2320.938  MX  783.0935  MY  -178.3044
  POINTLOAD  "LL"  "16"  F  838.7392  MX  2371.469  MY  -250.0125
  POINTLOAD  "LL"  "73"  F  2474.863  MX  2808.723  MY  1975.497
  POINTLOAD  "LL"  "120"  F  370.8767  MX  -451.6542  MY  198.8235
  POINTLOAD  "LL"  "28"  F  985.8981  MX  341.7383  MY  -286.3361
  POINTLOAD  "LL"  "106"  F  1877.051  MX  643.6809  MY  528.9997
  POINTLOAD  "LL"  "17"  F  283.7476  MX  -1995.163  MY  110.3246
  POINTLOAD  "LL"  "74"  F  -22.21164  MX  -1182.259  MY  550.4652
  POINTLOAD  "LL"  "29"  F  143.6636  MX  3677.656  MY  -382.3407
  POINTLOAD  "LL"  "13"  F  1024.819  MX  469.434  MY  -2.324935
  POINTLOAD  "LL"  "15"  F  1480.648  MX  846.4981  MY  -785.8544
  POINTLOAD  "LL"  "72"  F  2453.161  MX  771.8899  MY  627.5375
  POINTLOAD  "LL"  "116"  F  462.5295  MX  908.2073  MY  -658.8983
  POINTLOAD  "LL"  "119"  F  880.8725  MX  823.8344  MY  -61.08028
  AREALOAD  "LL"  "F1"  W  0.1
  AREALOAD  "LL"  "F4"  W  0.1
  AREALOAD  "LL"  "F6"  W  0.1
  AREALOAD  "LL"  "F5"  W  0.1
  AREALOAD  "LL"  "F2"  W  0.1
  AREALOAD  "LL"  "F3"  W  0.1
  LOAD "EXP"  TYPE  QUAKE  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "EXP"  "12"  F  -2293.414  MX  -838.4514  MY  11870.92
  POINTLOAD  "EXP"  "69"  F  -408.8021  MX  -654.9182  MY  11396.06
  POINTLOAD  "EXP"  "115"  F  -2270.287  MX  -483.2197  MY  12895.11
  POINTLOAD  "EXP"  "26"  F  -1925.888  MX  -223.1301  MY  10873.88
  POINTLOAD  "EXP"  "104"  F  -2423.079  MX  -1259.532  MY  11316.26
  POINTLOAD  "EXP"  "14"  F  -55.85086  MX  -206.7079  MY  11986.54
  POINTLOAD  "EXP"  "71"  F  -2242.05  MX  -159.7593  MY  12370.41
  POINTLOAD  "EXP"  "118"  F  -14.82971  MX  -38.17321  MY  13077.25
  POINTLOAD  "EXP"  "27"  F  -66.11663  MX  -202.0107  MY  10818.43
  POINTLOAD  "EXP"  "105"  F  -106.9362  MX  -81.4426  MY  11493.07
  POINTLOAD  "EXP"  "16"  F  2170.236  MX  732.7214  MY  11911.99
  POINTLOAD  "EXP"  "73"  F  -2492.078  MX  1295.337  MY  24531.93
  POINTLOAD  "EXP"  "120"  F  2277.056  MX  289.3388  MY  12835.24
  POINTLOAD  "EXP"  "28"  F  1844.552  MX  185.0709  MY  10904.06
  POINTLOAD  "EXP"  "106"  F  2373.878  MX  1044.767  MY  11451.22
  POINTLOAD  "EXP"  "17"  F  249.9955  MX  545.9395  MY  15811.44
  POINTLOAD  "EXP"  "74"  F  2907.664  MX  974.0599  MY  12705.66
  POINTLOAD  "EXP"  "29"  F  17.82386  MX  1038.076  MY  10123.19
  POINTLOAD  "EXP"  "13"  F  4074.769  MX  -530.4303  MY  13157.77
  POINTLOAD  "EXP"  "15"  F  -4207.336  MX  420.1324  MY  13695.1
  POINTLOAD  "EXP"  "72"  F  2617.612  MX  -22.84801  MY  12968.83
  POINTLOAD  "EXP"  "116"  F  4572.819  MX  -323.3169  MY  14262.47
  POINTLOAD  "EXP"  "119"  F  -4599.736  MX  163.13  MY  14276.01
  LOAD "EYP"  TYPE  QUAKE  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "EYP"  "12"  F  -1952.419  MX  -12364.26  MY  820.9556
  POINTLOAD  "EYP"  "69"  F  8.641629  MX  -12615.31  MY  49.93957
  POINTLOAD  "EYP"  "115"  F  1942.911  MX  -12351.44  MY  -765.9351
  POINTLOAD  "EYP"  "26"  F  3004.855  MX  -13771.88  MY  545.0183
  POINTLOAD  "EYP"  "104"  F  -3019.155  MX  -13760.1  MY  -488.9479
  POINTLOAD  "EYP"  "14"  F  -2744.429  MX  -13269.79  MY  769.1577
  POINTLOAD  "EYP"  "71"  F  -3.969302  MX  -12344.1  MY  37.84568
  POINTLOAD  "EYP"  "118"  F  2742.478  MX  -13249.47  MY  -709.112
  POINTLOAD  "EYP"  "27"  F  2607.476  MX  -14561.75  MY  465.658
  POINTLOAD  "EYP"  "105"  F  -2616.193  MX  -14556.2  MY  -411.2098
  POINTLOAD  "EYP"  "16"  F  -1939.252  MX  -13873.78  MY  604.7568
  POINTLOAD  "EYP"  "73"  F  25.22151  MX  -25748.68  MY  69.8428
  POINTLOAD  "EYP"  "120"  F  1957.528  MX  -13876.31  MY  -561.3711
  POINTLOAD  "EYP"  "28"  F  3673.143  MX  -15513.74  MY  318.5153
  POINTLOAD  "EYP"  "106"  F  -3654.376  MX  -15503.51  MY  -359.7463
  POINTLOAD  "EYP"  "17"  F  -225.7081  MX  -15517.1  MY  1.643275
  POINTLOAD  "EYP"  "74"  F  24.30452  MX  -13420.48  MY  36.59537
  POINTLOAD  "EYP"  "29"  F  149.404  MX  -17224.02  MY  425.9006
  POINTLOAD  "EYP"  "13"  F  -1314.142  MX  -11270.07  MY  346.6632
  POINTLOAD  "EYP"  "15"  F  -2000.441  MX  -12181.61  MY  1231.983
  POINTLOAD  "EYP"  "72"  F  9.303911  MX  -12277.03  MY  38.28577
  POINTLOAD  "EYP"  "116"  F  1328.724  MX  -11296.28  MY  -281.6824
  POINTLOAD  "EYP"  "119"  F  1996.093  MX  -12187.52  MY  -1232.103
  LOAD "EXN"  TYPE  QUAKE  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "EXN"  "12"  F  -2276.767  MX  750.4957  MY  13227.35
  POINTLOAD  "EXN"  "69"  F  -410.8048  MX  983.3791  MY  11376.46
  POINTLOAD  "EXN"  "115"  F  -2275.856  MX  1104.059  MY  11457.8
  POINTLOAD  "EXN"  "26"  F  -2502.932  MX  1613.744  MY  11744.51
  POINTLOAD  "EXN"  "104"  F  -1837.094  MX  573.9255  MY  10381.42
  POINTLOAD  "EXN"  "14"  F  -27.25672  MX  -46.41564  MY  13390.23
  POINTLOAD  "EXN"  "71"  F  -2239.881  MX  52.4927  MY  12349.01
  POINTLOAD  "EXN"  "118"  F  -43.02744  MX  122.6031  MY  11593.04
  POINTLOAD  "EXN"  "27"  F  -88.00676  MX  -26.42518  MY  11693.17
  POINTLOAD  "EXN"  "105"  F  -84.51688  MX  96.25772  MY  10540.86
  POINTLOAD  "EXN"  "16"  F  2159.451  MX  -695.7152  MY  13272.23
  POINTLOAD  "EXN"  "73"  F  2484.372  MX  -1613.671  MY  24495.34
  POINTLOAD  "EXN"  "120"  F  2269.97  MX  -1147.171  MY  11401.83
  POINTLOAD  "EXN"  "28"  F  2392.544  MX  -1460.992  MY  11779.68
  POINTLOAD  "EXN"  "106"  F  1810.811  MX  -615.8293  MY  10501.12
  POINTLOAD  "EXN"  "17"  F  242.4688  MX  -1586.96  MY  17352.05
  POINTLOAD  "EXN"  "74"  F  2906.083  MX  -931.8323  MY  12689.08
  POINTLOAD  "EXN"  "29"  F  39.30464  MX  -1314.547  MY  10892.19
  POINTLOAD  "EXN"  "13"  F  4663.791  MX  515.1209  MY  14735.24
  POINTLOAD  "EXN"  "15"  F  -4798.767  MX  -467.6034  MY  15306.28
  POINTLOAD  "EXN"  "72"  F  2615.361  MX  -148.7539  MY  12946.32
  POINTLOAD  "EXN"  "116"  F  3965.466  MX  720.5668  MY  12603.98
  POINTLOAD  "EXN"  "119"  F  -3995.97  MX  -729.3761  MY  12620.36
  LOAD "EYN"  TYPE  QUAKE  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "EYN"  "12"  F  -1969.461  MX  -14010.9  MY  -585.8571
  POINTLOAD  "EYN"  "69"  F  10.65338  MX  -14311.05  MY  69.90047
  POINTLOAD  "EYN"  "115"  F  1948.591  MX  -13996.39  MY  724.0152
  POINTLOAD  "EYN"  "26"  F  3593.699  MX  -15675.39  MY  -361.5804
  POINTLOAD  "EYN"  "104"  F  -3617.139  MX  -15660.16  MY  483.8035
  POINTLOAD  "EYN"  "14"  F  -2773.743  MX  -13435.32  MY  -694.2983
  POINTLOAD  "EYN"  "71"  F  -6.198794  MX  -12562.69  MY  59.64371
  POINTLOAD  "EYN"  "118"  F  2771.389  MX  -13415.5  MY  827.0955
  POINTLOAD  "EYN"  "27"  F  2630.023  MX  -14743.16  MY  -444.4791
  POINTLOAD  "EYN"  "105"  F  -2639.279  MX  -14739.77  MY  578.5732
  POINTLOAD  "EYN"  "16"  F  -1928.356  MX  -12392.2  MY  -806.0212
  POINTLOAD  "EYN"  "73"  F  17.35034  MX  -22743.35  MY  107.2615
  POINTLOAD  "EYN"  "120"  F  1964.946  MX  -12386.45  MY  924.6592
  POINTLOAD  "EYN"  "28"  F  3114.252  MX  -13806.38  MY  -593.2356
  POINTLOAD  "EYN"  "106"  F  -3080.071  MX  -13781.24  MY  628.6177
  POINTLOAD  "EYN"  "17"  F  -217.8273  MX  -13318.94  MY  -1584.909
  POINTLOAD  "EYN"  "74"  F  25.89947  MX  -11456.64  MY  53.59525
  POINTLOAD  "EYN"  "29"  F  127.2782  MX  -14799.51  MY  -366.6879
  POINTLOAD  "EYN"  "13"  F  -1914.745  MX  -12357.35  MY  -1289.279
  POINTLOAD  "EYN"  "15"  F  -1397.541  MX  -11256.52  MY  -438.3945
  POINTLOAD  "EYN"  "72"  F  11.62434  MX  -12146.19  MY  61.21431
  POINTLOAD  "EYN"  "116"  F  1948.13  MX  -12381.87  MY  1437.646
  POINTLOAD  "EYN"  "119"  F  1380.525  MX  -11257.54  MY  484.325
  LOAD "WX"  TYPE  WIND  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "WX"  "12"  F  -3553.566  MX  407.3309  MY  19469.29
  POINTLOAD  "WX"  "69"  F  -1509.927  MX  1012.808  MY  17063.72
  POINTLOAD  "WX"  "115"  F  -3543.335  MX  1446.056  MY  17644.33
  POINTLOAD  "WX"  "26"  F  -4056.071  MX  1627.997  MY  17679
  POINTLOAD  "WX"  "104"  F  -3285.295  MX  578.1247  MY  16216.08
  POINTLOAD  "WX"  "14"  F  -1112.475  MX  -798.9565  MY  19609.42
  POINTLOAD  "WX"  "71"  F  -4354.505  MX  26.8956  MY  19143.52
  POINTLOAD  "WX"  "118"  F  -1116.185  MX  831.2186  MY  17727.8
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POINTLOAD "WX" "27" F -2039.421 MX -559.6434 MY 17478.42
POINTLOAD "WX" "105" F -2038.114 MX 575.8409 MY 16304.22
POINTLOAD "WX" "16" F 2768.414 MX -884.9942 MY 19167.16
POINTLOAD "WX" "73" F -4669.831 MX -1656.244 MY 35338.74
POINTLOAD "WX" "120" F 2929.856 MX -1034.953 MY 17208.81
POINTLOAD "WX" "28" F 2606.647 MX -1861.45 MY 17258.78
POINTLOAD "WX" "106" F 1950.338 MX -278.2928 MY 15925.51
POINTLOAD "WX" "17" F 338.9169 MX -1802.872 MY 24601.95
POINTLOAD "WX" "74" F 4214.328 MX -953.0133 MY 18078.68
POINTLOAD "WX" "29" F 51.74232 MX -1355.287 MY 15679.05
POINTLOAD "WX" "13" F 6002.562 MX 421.8503 MY 21611.88
POINTLOAD "WX" "15" F -7347.412 MX -476.3917 MY 22174.99
POINTLOAD "WX" "72" F 1679.138 MX -182.3886 MY 19926.09
POINTLOAD "WX" "116" F 5197.834 MX 793.7652 MY 19384.56
POINTLOAD "WX" "119" F -6375.64 MX -758.9745 MY 19192.83
LOAD "WY" TYPE WIND SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "WY" "12" F -2997.003 MX -14946.21 MY 6265.247
POINTLOAD "WY" "69" F 331.3147 MX -15234.01 MY -60.72057
POINTLOAD "WY" "115" F 3261.364 MX -15106.67 MY -6741.078
POINTLOAD "WY" "26" F 2983.763 MX -16467.82 MY 4029.48
POINTLOAD "WY" "104" F -2505.584 MX -16588.11 MY -4465.438
POINTLOAD "WY" "14" F -3975.209 MX -21581.84 MY 6389.368
POINTLOAD "WY" "71" F 415.8429 MX -20145.36 MY -327.7595
POINTLOAD "WY" "118" F 4704.307 MX -22026.75 MY -6806.99
POINTLOAD "WY" "27" F 4814.328 MX -23833.42 MY 3967.683
POINTLOAD "WY" "105" F -3509.806 MX -24148.57 MY -4370.985
POINTLOAD "WY" "16" F -3105.465 MX -28624.69 MY 6016.045
POINTLOAD "WY" "73" F 439.6989 MX -53863.29 MY 29.56775
POINTLOAD "WY" "120" F 3251.768 MX -28836.36 MY -6233.697
POINTLOAD "WY" "28" F 8154.531 MX -32241.62 MY 3846.853
POINTLOAD "WY" "106" F -7757.045 MX -32427.75 MY -4157.269
POINTLOAD "WY" "17" F -399.8967 MX -33570.37 MY 5639.154
POINTLOAD "WY" "74" F 17.29677 MX -29237.76 MY 23.63874
POINTLOAD "WY" "29" F 326.2406 MX -37203.88 MY 3452.079
POINTLOAD "WY" "13" F 207.8971 MX -15377.76 MY 6335.069
POINTLOAD "WY" "15" F -5108.953 MX -24168.56 MY 7931.579
POINTLOAD "WY" "72" F 686.2924 MX -21431.01 MY -292.6971
POINTLOAD "WY" "116" F 29.26192 MX -15455.8 MY -6759.684
POINTLOAD "WY" "119" F 5653.455 MX -24223.13 MY -8177.035
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
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 "7" 0 337.5 0 0 324 0 324 337.5
XSTRIP "8" 0 685 0 337.5 173.5 337.5 173.5 685
XSTRIP "9" 685 685 324 685 324 337.5 685 337.5
XSTRIP "10" 324 337.5 324 685 173.5 685 173.5 337.5
XSTRIP "11" 324 337.5 324 0 685 0 685 337.5
XSTRIP "12" 685 0 795 0 795 337.5 685 337.5
YSTRIP "13" 0 337.5 0 0 324 0 324 337.5
YSTRIP "14" 0 685 0 337.5 173.5 337.5 173.5 685
YSTRIP "15" 685 685 324 685 324 337.5 685 337.5
YSTRIP "16" 324 337.5 324 685 173.5 685 173.5 337.5
YSTRIP "17" 324 337.5 324 0 685 0 685 337.5
YSTRIP "18" 685 0 795 0 795 337.5 685 337.5
$ GROUPS
END
$ END OF MODEL FILE
```

Lo-Lat Structure Studio

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

X-STRIP ID	STRIP WIDTH	STATION X-ORDINATE	TOP-REBAR LEFT OF X	TOP-REBAR RIGHT OF X	BOT-REBAR LEFT OF X	BOT-REBAR RIGHT OF X
9	347.500	324.000		25.130		25.130
9	347.500	384.000	25.130	25.130		
9	347.500	454.333	25.130	25.130	0.000	0.000
9	347.500	524.667	25.130	25.130	25.130	25.130
9	347.500	595.000	25.130	25.130	25.130	25.130
9	347.500	685.000	25.130		25.130	
8	347.500	0.000		25.130		25.130
8	347.500	90.000	25.130	25.130	25.130	25.130
8	347.500	173.500	25.130		25.130	
10	347.500	173.500		25.130		25.130
10	347.500	248.750	25.130	25.130	0.000	0.000
10	347.500	324.000	25.130		25.130	
12	337.500	685.000		24.407		24.407
12	337.500	740.000	24.407	24.407	24.407	24.407
12	337.500	795.000	24.407		24.407	
11	337.500	324.000		24.407		24.407
11	337.500	384.000	24.407	24.407		0.000
11	337.500	454.333	24.407	24.407	0.000	0.000
11	337.500	524.667	24.407	24.407	24.407	24.407
11	337.500	595.000	24.407	24.407	24.407	24.407
11	337.500	685.000	24.407		24.407	
7	337.500	0.000		24.407		24.407
7	337.500	90.000	24.407	24.407	24.407	24.407
7	337.500	173.500	24.407	24.407	24.407	24.407
7	337.500	248.750	24.407	24.407	0.000	0.000
7	337.500	324.000	24.407		0.000	

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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
14	173.500	337.500		12.547		
14	173.500	423.333	12.547	12.547		0.000
14	173.500	509.167	12.547	12.547	12.547	12.547
14	173.500	595.000	12.547	12.547	12.547	12.547
14	173.500	685.000	12.547		12.547	
13	324.000	0.000		23.430		23.430
13	324.000	90.000	23.430	23.430	23.430	23.430
13	324.000	172.500	23.430	23.430	23.430	23.430
13	324.000	255.000	23.430	23.430	0.000	
13	324.000	337.500	23.430			
16	150.500	337.500		10.884		
16	150.500	423.333	10.884	10.884		0.000
16	150.500	509.167	10.884	10.884	10.884	10.884
16	150.500	595.000	10.884	10.884	10.884	10.884
16	150.500	685.000	10.884		10.884	
15	361.000	337.500		26.106		0.000
15	361.000	423.333	26.106	26.106	0.000	0.000
15	361.000	509.167	26.106	26.106	26.106	26.106
15	361.000	595.000	26.106	26.106	26.106	26.106
15	361.000	685.000	26.106		26.106	
17	361.000	0.000		26.106		26.106
17	361.000	90.000	26.106	26.106	26.106	26.106
17	361.000	172.500	26.106	26.106	26.106	26.106
17	361.000	255.000	26.106	26.106	0.000	
17	361.000	337.500	26.106		0.000	
18	110.000	0.000		7.955		7.955
18	110.000	90.000	7.955	7.955	7.955	7.955
18	110.000	172.500	7.955	7.955	7.955	7.955
18	110.000	255.000	7.955	7.955	7.955	7.955
18	110.000	337.500	7.955		7.955	

Lo-Lat Structure Studio

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

LINE ID	STATION(S) X-ORDINATE	STATION(S) Y-ORDINATE	TOP-REBAR LEFT OF S	TOP-REBAR RIGHT OF S	BOT-REBAR LEFT OF S	BOT-REBAR RIGHT OF S	SHEAR-REBAR LEFT OF S	SHEAR-REBAR RIGHT OF S
16	685.000	337.500		1.696		1.967		0.000
16	740.000	337.500	0.731	0.881	0.804	0.831	0.000	0.000
16	795.000	337.500	0.311		0.243		0.000	
B18	0.000	0.000		0.217		0.362		0.000
B18	90.000	0.000	2.226	2.161	1.656	1.670	0.000	0.000
B18	173.500	0.000	1.840	1.741	0.607	0.627	0.000	0.000
B18	248.750	0.000	1.131	1.079	0.064	0.159	0.000	0.000
B18	324.000	0.000	0.501		0.157		0.000	
B20	324.000	0.000		0.577		0.349		0.000
B20	384.000	0.000	0.637	0.599	0.000	0.000	0.000	0.000
B20	454.333	0.000	1.430	1.317	0.133	0.000	0.000	0.000
B20	524.667	0.000	1.922	1.816	0.681	0.595	0.000	0.000
B20	595.000	0.000	2.290	2.022	1.758	1.548	0.000	0.000
B20	685.000	0.000	0.302		0.000		0.000	
B25	685.000	0.000		0.334		0.192		0.000
B25	740.000	0.000	0.296	0.235	0.000	0.060	0.000	0.000
B25	795.000	0.000	0.163		0.078		0.000	
B51	0.000	0.000		0.251		0.373		0.000
B51	0.000	90.000	1.833	1.790	1.354	1.378	0.000	0.000
B51	0.000	172.500	1.903	1.798	0.468	0.454	0.000	0.000
B51	0.000	255.000	1.495	1.405	0.000	0.000	0.000	0.000
B51	0.000	337.500	0.929		0.000		0.000	
B53	324.000	0.000		0.074		0.095		0.000
B53	324.000	90.000	1.217	1.170	0.712	0.685	0.000	0.000
B53	324.000	172.500	1.542	1.519	0.076	0.135	0.000	0.000
B53	324.000	255.000	1.251	1.216	0.000	0.000	0.000	0.000
B53	324.000	337.500	0.532		0.000		0.000	
B55	685.000	0.000		0.138		0.138		0.000
B55	685.000	90.000	1.411	1.514	0.809	0.844	0.000	0.000
B55	685.000	172.500	1.383	1.463	0.178	0.252	0.000	0.000
B55	685.000	255.000	1.042	1.310	0.000	0.000	0.000	0.000
B55	685.000	337.500	0.454		0.000		0.000	
B57	795.000	0.000		0.291		0.217		0.000
B57	795.000	90.000	0.929	1.200	0.396	0.519	0.000	0.000
B57	795.000	172.500	1.323	1.250	0.321	0.278	0.000	0.000
B57	795.000	255.000	0.988	0.821	0.077	0.150	0.000	0.000
B57	795.000	337.500	0.659		0.316		0.000	
B71	0.000	337.500		0.136		0.300		0.000
B71	90.000	337.500	0.780	0.884	0.081	0.174	0.000	0.000
B71	173.500	337.500	0.924	1.039	0.000	0.110	0.000	0.000
B71	248.750	337.500	0.700	0.808	0.000	0.000	0.000	0.000
B71	324.000	337.500	0.290		0.000		0.000	
B76	324.000	337.500		0.554		0.064		0.000
B76	384.000	337.500	0.446	0.419	0.082	0.053	0.000	0.000
B76	454.333	337.500	1.020	0.902	0.000	0.000	0.000	0.000
B76	524.667	337.500	1.382	1.216	0.112	0.000	0.000	0.000
B76	595.000	337.500	1.250	1.301	0.307	0.425	0.000	0.000
B76	685.000	337.500	0.952		1.144		0.000	
B97	0.000	337.500		0.678		0.000		0.000
B97	0.000	423.333	1.208	1.148	0.000	0.000	0.000	0.000
B97	0.000	509.167	1.592	1.549	0.449	0.493	0.000	0.000
B97	0.000	595.000	1.817	1.740	1.334	1.348	0.000	0.000
B97	0.000	685.000	0.339		0.283		0.000	
B98	173.500	337.500		0.774		0.000		0.000
B98	173.500	423.333	1.003	1.108	0.000	0.000	0.000	0.000
B98	173.500	509.167	1.249	1.220	0.298	0.269	0.000	0.000
B98	173.500	595.000	0.991	0.818	0.419	0.297	0.000	0.000
B98	173.500	685.000	0.173		0.243		0.000	
B100	324.000	337.500		0.490		0.000		0.000
B100	324.000	423.333	1.094	1.059	0.000	0.000	0.000	0.000
B100	324.000	509.167	1.307	1.305	0.176	0.114	0.000	0.000
B100	324.000	595.000	1.005	1.032	0.712	0.731	0.000	0.000
B100	324.000	685.000	0.089		0.109		0.000	
B102	685.000	337.500		1.134		0.085		0.000
B102	685.000	423.333	1.340	1.278	0.000	0.000	0.000	0.000
B102	685.000	509.167	1.630	1.679	0.419	0.448	0.000	0.000
B102	685.000	595.000	1.688	1.642	1.520	1.475	0.000	0.000
B102	685.000	685.000	0.303		0.352		0.000	
B129	0.000	685.000		0.305		0.238		0.000
B129	90.000	685.000	1.999	2.043	1.653	1.603	0.000	0.000
B129	173.500	685.000	1.373	1.484	0.601	0.653	0.000	0.000
B129	248.750	685.000	0.871	0.864	0.128	0.139	0.000	0.000
B129	324.000	685.000	0.427		0.098		0.000	
B131	324.000	685.000		0.568		0.090		0.000
B131	384.000	685.000	0.730	0.781	0.000	0.000	0.000	0.000
B131	454.333	685.000	1.395	1.417	0.196	0.077	0.000	0.000
B131	524.667	685.000	1.830	1.865	0.691	0.653	0.000	0.000
B131	595.000	685.000	2.167	2.122	1.673	1.613	0.000	0.000
B131	685.000	685.000	0.224		0.269		0.000	

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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	347.500	324.000		-209021.686		35409.939
				BASE26		BASE30
9	347.500	384.000	-363965.297	-368110.374		
			BASE25	BASE28		
9	347.500	454.333	-677531.433	-702925.181	13149.352	21582.655
			BASE25	BASE25	BASE37	BASE37
9	347.500	524.667	-847643.644	-876031.369	122966.386	135575.737
			BASE25	BASE25	BASE37	BASE37
9	347.500	595.000	-806531.000	-800951.076	281642.805	264319.911
			BASE25	BASE25	BASE37	BASE37
9	347.500	685.000	-187975.304		233122.520	
			BASE35		BASE31	
8	347.500	0.000		-157133.505		103816.020
				BASE28		BASE25
8	347.500	90.000	-658939.612	-692779.619	266118.717	261687.923
			BASE29	BASE29	BASE33	BASE33
8	347.500	173.500	-634111.226		177329.179	
			BASE29		BASE33	
10	347.500	173.500		-638998.920		165365.649
				BASE29		BASE33
10	347.500	248.750	-480684.346	-491942.525	23781.814	13660.713
			BASE29	BASE29	BASE33	BASE33
10	347.500	324.000	-202545.674		39432.259	
			BASE26		BASE30	
12	337.500	685.000		-316026.894		222273.049
				BASE33		BASE31
12	337.500	740.000	-278461.383	-252638.748	137847.634	117361.760
			BASE27	BASE27	BASE39	BASE39
12	337.500	795.000	-83387.478		91529.533	
			BASE25		BASE31	
11	337.500	324.000		-170002.182		40494.186
				BASE21		BASE27
11	337.500	384.000	-327054.776	-304835.743		2567.283
			BASE27	BASE27		BASE25
11	337.500	454.333	-653246.850	-651796.669	6950.831	17396.834
			BASE27	BASE27	BASE39	BASE39
11	337.500	524.667	-845329.887	-844445.097	109525.725	125630.419
			BASE27	BASE27	BASE39	BASE39
11	337.500	595.000	-845454.049	-838265.330	289226.156	301280.187
			BASE27	BASE27	BASE39	BASE39
11	337.500	685.000	-328378.828		225700.504	
			BASE25		BASE37	
7	337.500	0.000		-132351.288		165323.532
				BASE31		BASE28
7	337.500	90.000	-739881.375	-731970.650	242442.466	248453.644
			BASE31	BASE31	BASE35	BASE35
7	337.500	173.500	-795986.813	-773724.926	120622.919	107251.569
			BASE31	BASE31	BASE35	BASE35
7	337.500	248.750	-570727.235	-549535.573	21587.159	17928.783
			BASE31	BASE31	BASE35	BASE35
7	337.500	324.000	-167818.314		29055.637	
			BASE21		BASE26	

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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
14	173.500	337.500		-231586.167		
				BASE23		
14	173.500	423.333	-321793.056	-317706.996		1954.814
			BASE28	BASE28		BASE40
14	173.500	509.167	-385015.625	-392941.600	84541.550	94185.548
			BASE28	BASE28	BASE40	BASE40
14	173.500	595.000	-360339.171	-365355.587	184350.678	189234.129
			BASE28	BASE28	BASE40	BASE40
14	173.500	685.000	-69250.646		75390.160	
			BASE29		BASE33	
13	324.000	0.000		-144947.751		201621.947
				BASE39		BASE27
13	324.000	90.000	-712748.572	-712241.805	269362.381	285455.987
			BASE32	BASE32	BASE36	BASE36
13	324.000	172.500	-869177.461	-853413.916	114660.217	110239.267
			BASE32	BASE32	BASE36	BASE36
13	324.000	255.000	-725970.876	-721056.414	1199.488	
			BASE32	BASE32	BASE36	
13	324.000	337.500	-487078.404			
			BASE23			
16	150.500	337.500		-182659.429		
				BASE23		
16	150.500	423.333	-266361.469	-269824.243		1086.180
			BASE28	BASE28		BASE40
16	150.500	509.167	-312298.781	-308564.401	42917.974	37945.738
			BASE28	BASE28	BASE40	BASE40
16	150.500	595.000	-249949.956	-223474.148	109369.691	88256.899
			BASE28	BASE28	BASE40	BASE40
16	150.500	685.000	-89142.123		67741.975	

BASE29 BASE29

15 361.000 337.500 -423972.545 23452.549
BASE23 BASE39
15 361.000 423.333 -700576.946 -706583.732 5167.333 6018.726
BASE26 BASE26 BASE38 BASE38
15 361.000 509.167 -849193.406 -858116.931 114273.856 117897.424
BASE26 BASE26 BASE38 BASE38
15 361.000 595.000 -698588.613 -691302.714 305651.789 281111.656
BASE26 BASE26 BASE38 BASE38
15 361.000 685.000 -142833.366 206404.850
BASE33 BASE29

17 361.000 0.000 -235583.545 203085.682
BASE27 BASE39
17 361.000 90.000 -714653.367 -742100.471 187368.998 211140.268
BASE30 BASE30 BASE34 BASE34
17 361.000 172.500 -869415.992 -882356.679 55284.611 56134.417
BASE30 BASE30 BASE34 BASE34
17 361.000 255.000 -705136.102 -731553.233 3767.783
BASE30 BASE30 BASE35
17 361.000 337.500 -356544.930 12523.307
BASE23 BASE35

18 110.000 0.000 -40285.595 22804.529
BASE30 BASE34
18 110.000 90.000 -196772.924 -228034.639 90229.046 108364.627
BASE30 BASE30 BASE34 BASE34
18 110.000 172.500 -231541.306 -235647.309 47080.163 43386.164
BASE30 BASE30 BASE34 BASE34
18 110.000 255.000 -175304.435 -159748.231 15403.259 34906.599
BASE30 BASE30 BASE37 BASE39
18 110.000 337.500 -117370.054 62864.032
BASE31 BASE31

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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
16	685.000	337.500	-152988.636	177261.770	1900.18			
16	740.000	337.500	-66137.779	-79653.698	72751.820	75186.837	1900.18	1866.42
16	795.000	337.500	-28198.078	21997.686	1866.42			
B18	0.000	0.000	-19627.552	32822.517	2494.55			
B18	90.000	0.000	-200403.643	-194546.270	149330.568	150591.993	2494.55	1531.37
B18	173.500	0.000	-165894.759	-156993.222	54973.978	56801.820	1531.37	727.55
B18	248.750	0.000	-102245.235	-97549.248	5777.635	14443.392	727.55	1160.62
B18	324.000	0.000	-45372.087	14192.888	1160.62			
B20	324.000	0.000	-52275.902	31608.003	1421.24			
B20	384.000	0.000	-57630.408	-54218.125	0.000	0.000	1421.24	1075.12
B20	454.333	0.000	-129079.151	-118946.576	12081.487	0.000	1075.12	934.93
B20	524.667	0.000	-173165.691	-163729.501	61653.441	53830.451	934.93	1907.15
B20	595.000	0.000	-206152.797	-182192.624	158502.626	139687.562	1907.15	1895.07
B20	685.000	0.000	-27408.651	0.000	1895.07			
B25	685.000	0.000	-30293.182	17410.056	803.71			
B25	740.000	0.000	-26794.055	-21262.217	2890.643	5439.173	803.71	245.17
B25	795.000	0.000	-14739.472	7075.259	245.17			
B51	0.000	0.000	-22782.464	33779.490	2029.06			
B51	0.000	90.000	-165273.988	-161406.648	122291.434	124411.190	2029.06	1558.16
B51	0.000	172.500	-171479.571	-162066.329	42397.356	41133.395	1558.16	728.77
B51	0.000	255.000	-134939.086	-126851.165	0.000	0.000	728.77	796.98
B51	0.000	337.500	-84002.692	0.000	796.98			
B53	324.000	0.000	-6734.807	8590.458	1301.29			
B53	324.000	90.000	-109962.046	-105690.277	64413.536	61954.892	1301.29	1192.61
B53	324.000	172.500	-139162.076	-137058.508	69337.569	12203.269	1192.61	347.72
B53	324.000	255.000	-112997.866	-109855.282	0.000	0.000	347.72	893.82
B53	324.000	337.500	-48154.712	0.000	893.82			
B55	685.000	0.000	-12512.903	12502.931	1448.42			
B55	685.000	90.000	-127411.807	-136626.470	73172.647	76371.825	1448.42	984.64
B55	685.000	172.500	-124839.664	-132029.355	16101.383	22866.172	984.64	458.54
B55	685.000	255.000	-94199.955	-118276.465	0.000	3709.271	458.54	967.89
B55	685.000	337.500	-41135.949	0.000	967.89			
B57	795.000	0.000	-26369.607	19637.336	640.00			
B57	795.000	90.000	-83969.212	-108434.510	35831.958	46985.850	640.00	358.07
B57	795.000	172.500	-119505.382	-112948.096	29124.013	25205.049	358.07	286.27
B57	795.000	255.000	-89330.953	-74274.081	7007.598	13581.209	286.27	1075.99
B57	795.000	337.500	-59628.665	28596.413	1075.99			
B71	0.000	337.500	-12358.995	27167.711	753.96			
B71	90.000	337.500	-70541.489	-79930.508	7352.737	15808.548	753.96	204.48
B71	173.500	337.500	-83600.938	-93955.654	3860.994	10000.409	204.48	407.87
B71	248.750	337.500	-63329.381	-73136.270	0.000	0.000	407.87	987.43
B71	324.000	337.500	-26279.208	1206.582	987.43			
B76	324.000	337.500	-50155.985	5805.831	959.13			
B76	384.000	337.500	-40394.831	-37954.006	7464.150	4817.902	959.13	1377.73
B76	454.333	337.500	-92181.706	-81607.878	0.000	0.000	1377.73	617.05
B76	524.667	337.500	-124763.310	-109828.174	10130.227	1176.331	617.05	472.64
B76	595.000	337.500	-112938.833	-117539.632	27813.286	38523.778	472.64	925.98
B76	685.000	337.500	-86113.954	103415.668	925.98			
B97	0.000	337.500	-61324.328	0.000	814.91			
B97	0.000	423.333	-109140.515	-103738.046	0.000	0.000	814.91	551.23
B97	0.000	509.167	-143618.202	-139799.607	40632.048	44625.220	551.23	1129.69
B97	0.000	595.000	-163807.213	-156943.250	120487.463	121680.474	1129.69	1790.63
B97	0.000	685.000	-30717.933	25669.312	1790.63			
B98	173.500	337.500	-70072.681	0.000	358.54			
B98	173.500	423.333	-90661.573	-100119.042	3938.006	3990.396	358.54	329.19
B98	173.500	509.167	-112839.997	-110248.077	27029.166	24392.079	329.19	378.79
B98	173.500	595.000	-89579.284	-73985.523	37994.280	26920.882	378.79	658.62
B98	173.500	685.000	-15654.598	22061.568	658.62			
B100	324.000	337.500	-44410.905	0.000	774.83			
B100	324.000	423.333	-98856.330	-95706.207	0.000	0.000	774.83	387.12
B100	324.000	509.167	-118056.512	-117815.578	15995.495	10368.735	387.12	1084.34
B100	324.000	595.000	-90825.325	-93318.474	64454.204	66148.704	1084.34	1124.00
B100	324.000	685.000	-8054.281	9841.743	1124.00			
B102	685.000	337.500	-102442.133	7715.964	918.40			
B102	685.000	423.333	-121015.298	-115426.326	0.000	0.000	918.40	797.65
B102	685.000	509.167	-147016.060	-151403.010	37979.051	40607.008	797.65	1593.40
B102	685.000	595.000	-152282.536	-148105.812	137214.959	133087.194	1593.40	1714.36
B102	685.000	685.000	-27441.099	31854.570	1714.36			
B129	0.000	685.000	-27636.442	21535.321	2093.62			
B129	90.000	685.000	-180084.205	-184060.299	149140.584	144664.741	2093.62	1194.30
B129	173.500	685.000	-123938.131	-133899.128	54365.933	59091.300	1194.30	732.29
B129	248.750	685.000	-78794.020	-78167.415	11615.731	12646.076	732.29	950.77
B129	324.000	685.000	-38636.526	8895.891	950.77			
B131	324.000	685.000	-51415.688	8177.003	1093.20			
B131	384.000	685.000	-66018.426	-70655.072	0.000	0.000	1093.20	787.38
B131	454.333	685.000	-125959.170	-127924.478	17763.899	6959.640	787.38	925.61
B131	524.667	685.000	-164967.990	-168106.437	62583.202	59145.057	925.61	1733.03
B131	595.000	685.000	-195112.169	-191111.147	150910.401	145525.646	1733.03	2309.94
B131	685.000	685.000	-20332.262	24391.197	2309.94			