新竹縣原住民族地區建築標準圖說
5-SC-2-2

結構計算書

Job No.　2208A

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一、 構造種類

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

二、 結構系統之規劃及分析

- □ 韌性抗彎矩構架系統
- □ 二元系統
- ■ 其他

具對角斜撐之輕型構架

三、 結構材料

1. 混凝土

fc'=280 kgf/cm^2

2. 鋼筋

#4(D13)以上：fy= 4200 kgf/cm^2

(CNS 560 A2006 SD420W)

#3(D10)以下：fy= 2800 kgf/cm^2

(CNS 560 A2006 SD280W)

3. 鋼結構

SGC440 3400 kgf/cm^2

活載重

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

四、 水平側向力、風力檢核分析

(一) 地震力

1. 新竹縣五峰鄉
2. S_S^D = 0.7 ， S_1^D = 0.4
   S_S^M = 0.9 ， S_1^M = 0.5
3. I = 1.10
4. R_x = 3 ， R_y = 3
5. α_y = 1.0
6. 建築物基本震動週期 T_x = 0.05 $h_n^{3/4}$
   Ty = 0.05 $h_n^{3/4}$
7. Vx / W = 0.297
   Vy / W = 0.290

(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 = 0.139‰

2.最大位移 = 0.112cm

(Y-Dir.)

1.最大層間變位角 = 0.094‰

2.最大位移 = 0.080cm

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

- ■ 斜坡明挖
- □ 預壘排樁
- □ 地下連續壁
- □ 其他

1.0 建築概要

本案為標準圖說，工程可能位於新竹縣五峰鄉/尖石鄉/關西鎮，為地上 2 樓之輕型鋼構造，樓高約 7.334 公尺。

建築基地：新竹縣五峰鄉/尖石鄉/關西鎮

建築規模：地上 2 層

開挖深度：0.4m

2.0 結構系統說明

地震力分析：法規靜力分析

基本資料：

建築種類： 鋼筋混凝土構造(RC)\鋼骨構造(SS)

結構系統： 其他\具對角斜撐之輕型構架

樓層概述：

樓層	高度(cm)	用途
1F	320	住宅
2F	413.4	住宅

樓版厚度：

基礎版 40cm RC 版

PRF 彩浪鋼版

開挖方式：

斜坡明挖

分析程式： ETABS V9.5

3.0 結構材料

3.1 混凝土

材料特性:

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

3.2 鋼筋

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

3.3 結構鋼

材料特性:

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

螺栓及焊材

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

4.0 設計載重

4.1 靜載重及活載重

靜載重

PRF

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

外加靜載重(SDL) 40 kgf/m^2

2F 室內

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

外加靜載重(SDL) 40 kgf/m^2

活載重 (kgf/m^2)

同建築結構設計基本資料表

樓層載重資料

樓層	面積(m^2)	重量(tf)	單位重(tf/m^2)
PRF	67.52	3.91	0.058
2F	89.83	9.57	0.107

4.2 設計地震力及分析結果

依據〝建築物耐震設計規範及解說，內政部〞，設計地震力為:

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

式中

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

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

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

I　用途係數。

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

Fu　結構系統地震力折減係數，依耐震設計規範第二章第 9 節規定。

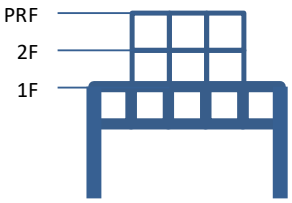
※本案為一般建築物，由於本案為泛用之標準圖說，設立之位置較廣，考量其變異性用途係數保守採用 1.1。

地震力計算詳下表

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

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

建築基本資料							
屋頂層數	樓層數	地下層數	1F抬高	屋頂高度	建築高度	地下高度	h_n(基面至屋頂)
0 F	2 F	0 F	0(m)	0(m)	7.334(m)	0(m)	7.334(m)



	建築結構系統	
	X方向	Y方向
結構阻尼比	0.02	
結構系統	其他構造	其他構造
T_{code}(法規週期)	0.05 $\times h_n^{3/4}$ =0.223(s)	0.05 $\times h_n^{3/4}$ =0.223(s)
T_{max}(上限週期)	1.4×T_{code} =0.312(s)	1.4×T_{code} =0.312(s)
I(用途係數)	1.1	
設計規範	鋼構(LRFD)	
α_y	1	

各方向地震力計算		X方向	Y方向
1. 建築結構系統相關資料	T_{dyna}(動力週期)	0.107(s)	0.087(s)
	T_{design}(設計週期)	0.107(s)	0.087(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)	0.836	0.734
	F_u(系統折減係數)	1.855	1.698
	$(S_{aD}/F_u)_m$	0.378	0.369
	V(最小設計水平總橫力)	0.297	0.290
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)	0.879	0.784
	F_{uM}(系統最大折減係數)	2.188	1.970
	$(S_{aM}/F_{uM})_m$	0.353	0.351
	V_M(最大考量地震水平總橫力)	0.277	0.276
4. 避免中小度地震降伏之設計地震力	V^*(中小度地震水平總橫力)	0.184	0.164
5. 層間相對位移地震力	V_{drift}(層間相對位移地震力)	0.167	0.149

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)	0.005(cm)
	T_{ver}(垂直週期)=$2\pi(D_{DL+SDL}/g)^{0.5}$	0.015(s)
	$S_{aD,V}$(垂直設計譜加速度係數)	0.179
	F_{uv}(垂直地震系統折減係數)	1.118
	$(S_{aD,v}/F_{uv})_m$	0.155
	V_{ZD}(垂直設計地震力)	0.122
	$S_{aM,v}$(垂直最大加速度係數)	0.216
	$F_{uv,M}$(垂直最大地震系統折減係數)	1.165
	V_{ZM}(避免最大考量垂直地震崩塌)	0.132
	V_Z*(避免中小度垂直地震降伏)	0.045

地震力統整		X方向	Y方向
1. 水平地震力	V_{design} = max(V ,V_M ,V^*)	0.297	0.290
2. 層間位移地震力	V_{drift}	0.167	0.149
地震力統整		Z方向	
3. 垂直地震力	$V_{z,Design}$ = max(V_{ZD} ,V_{ZM} ,V_Z*)	0.132	

意外扭矩放大係數

Floor	Load Case	δ_{max} (cm)	δ_{avg} (cm)	$A_x=(\delta_{max}/1.2\,\delta_{avg})^2$	備註
PRF	EXP	0.112(節點 182)	0.109	0.731	
PRF	EYP	0.080(節點 182)	0.070	0.908	Y 最大值
PRF	EXN	0.113(節點 27)	0.109	0.740	
PRF	EYN	0.075(節點 27)	0.070	0.786	
2F	EXP	0.060(節點 194)	0.058	0.756	
2F	EYP	0.045(節點 4)	0.040	0.878	
2F	EXN	0.062(節點 4)	0.058	0.778	X 最大值
2F	EYN	0.043(節點 27)	0.040	0.815	

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)

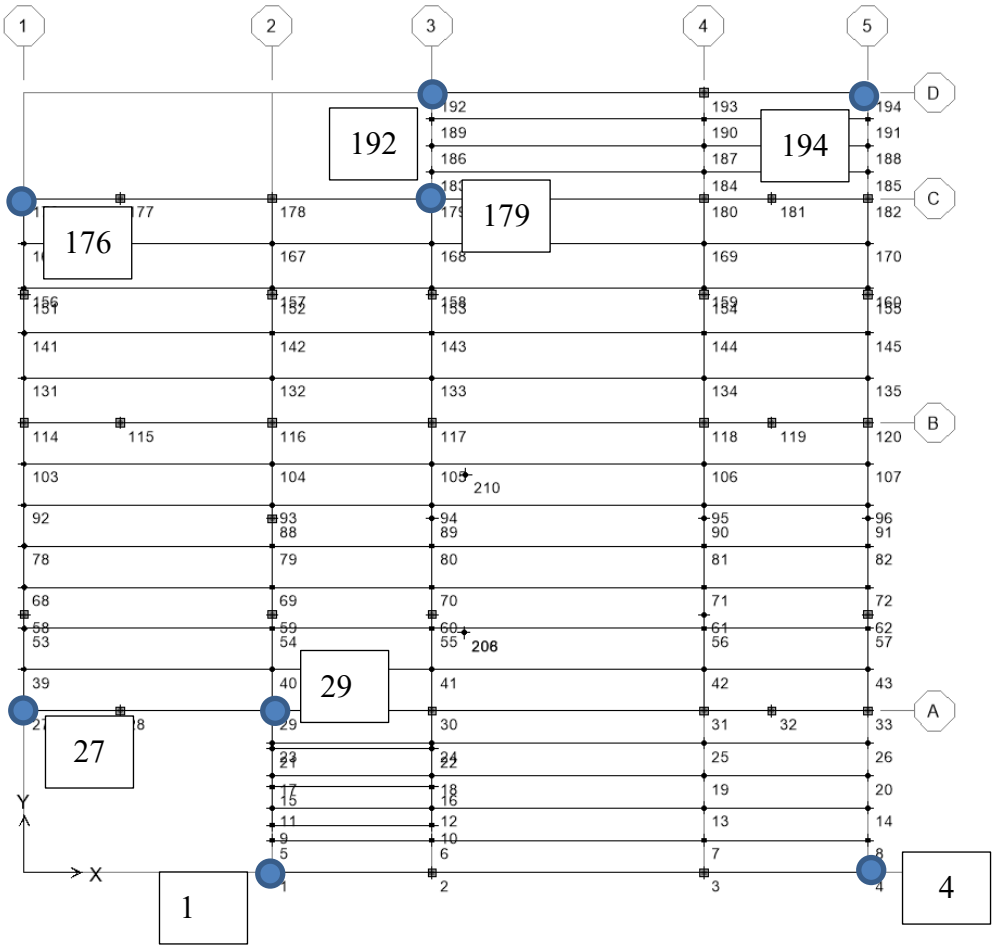
	EXP VX	EXP VY	EYP VX	EYP VY	EXN VX	EXN VY	EYN VX	EYN VY
PRF	-1.62	0.00	0.00	-1.62	-1.62	0.00	0.00	-1.62
2F	-1.75	0.00	0.00	-1.75	-1.75	0.00	0.00	-1.75
SUM	-3.37	0.00	0.00	-3.37	-3.37	0.00	0.00	-3.37

樓層層間變位角

	Ux		Uy	
	EXP	EXN	EYP	EYN
PRF	0.103‰(D41)	0.103‰(D11)	0.065‰(D45)	0.058‰(D7)
2F	0.129‰(C38-1)	0.139‰(C4-1)	0.094‰(C4-1)	0.085‰(C1-1)

碰撞距離檢討

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



	節點 27		節點 29		節點 1		節點 4	
	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)	0.112	0.075	0.112	0.072	0.062	0.041	0.062	0.045
安全碰撞距離 (cm)	0.220	0.146	0.220	0.141	0.121	0.081	0.121	0.088

	節點 194		節點 192		節點 179		節點 176	
	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)	0.060	0.045	0.060	0.040	0.112	0.070	0.112	0.075
安全碰撞距離 (cm)	0.118	0.088	0.118	0.078	0.219	0.138	0.219	0.146
備註：位移放大倍數 X 向為 1.960，Y 向為 1.960								

4.3 設計風力

依據”建築物耐風設計規範及解說”，本建築基本設計風速為每秒 37.5 公尺

封閉式建築主抗風系統屋頂風壓計算

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

Job:									Job No.			
									Made by:	JWLI	Date:	2004/12/13
1.1	**Input data**				尺寸							
	Exp=	C		V10=	37.5	m/sec	I=	1.1				
	Z=	7.334	m	θ =	17	Degree						
	T=	0.03	sec	Beta=	0.02		B=	20	m	L=	30	m

2.1	**Basic Constant**								
	Exporsure=	C		α =	0.15		Zg=	300.00	m
	Design wind speed=	37.50	m/sec	Building width=	20.00	m	Ave. roof height=	7.33	m
	Do=	0.005		Damping ratio=	0.020				

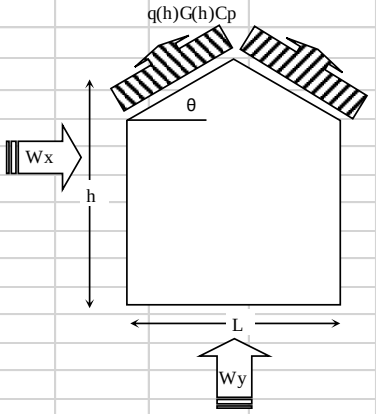
2.2	**Wind presure**						
	$K(h)=2.774(Z/Zg)^{2\alpha}$	h>5m	Average level	=	0.9111		
	$K(h)=2.774(5/Zg)^{2\alpha}$	h<5m		=	0.0000		
	$q(h)=0.0625*K(z)*(IV_{10}(c))^2$			=	96.89	kg/m^2	

2.3 Roof design wind presure

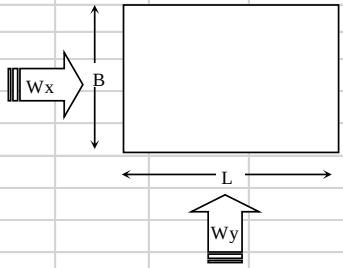
Direction	Width	Length	G(h)	Wind ward		Leeward	
				Cp	q(h)G(h)Cp	Cp	q(h)G(h)Cp
Wx	20	30	1.859	-0.46	-83	-0.7	-126
Wy	30	20	1.839	-0.70	-125	-0.7	-125

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

Direction	G(h)	Wind ward		Leeward	
		Cp	q(h)G(h)Cp	Cp	q(h)G(h)Cp
Wx	1.859	0.8	144	0.5	90
Wy	1.839	0.8	143	0.5	89



Elevation View



Plan View

	WX VX	WX VY	WY VX	WY VY
PRF	-5.04	0.00	0.00	-5.45
2F	-8.94	0.00	0.00	-9.67
SUM	-13.98	0.00	0.00	-15.12

X 向設計風力為 13.98tf，大於 X 向設計地震力 3.37tf
Y 向設計風力為 15.12tf，大於 Y 向設計地震力 3.37tf

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

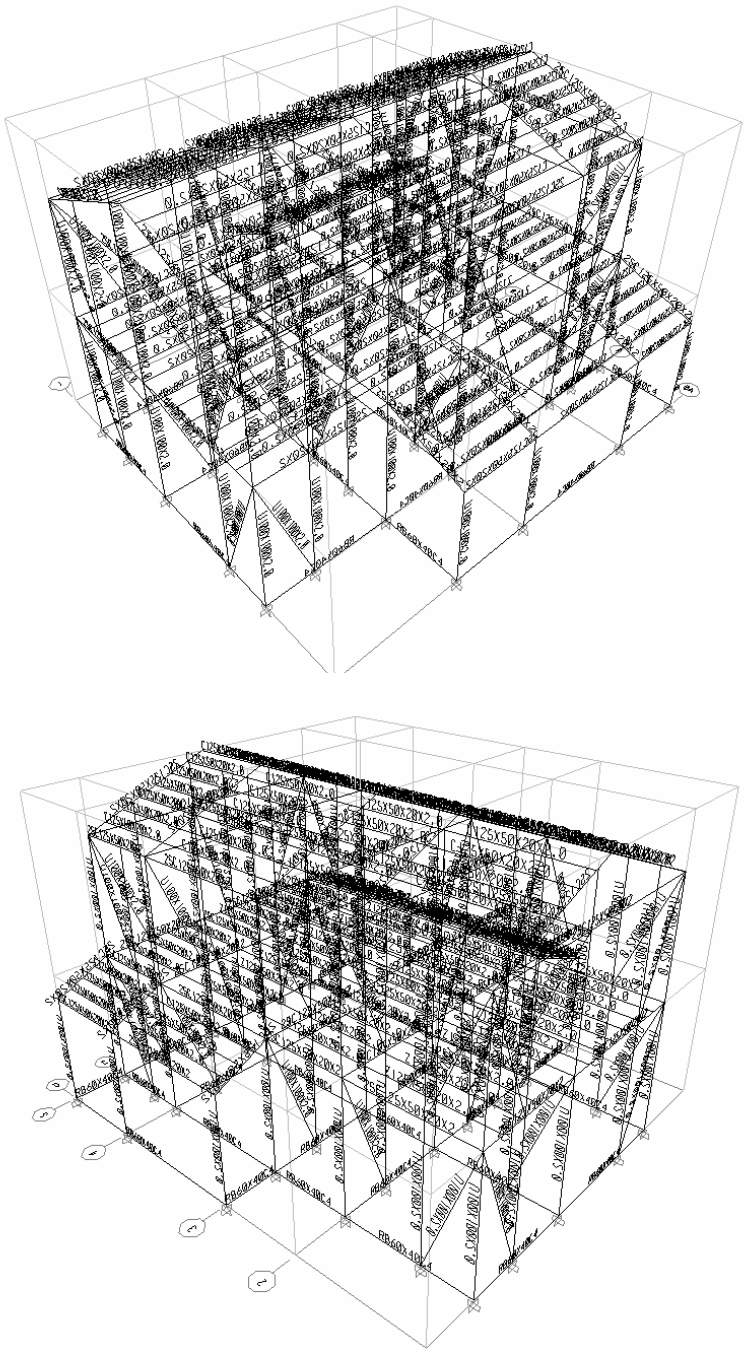
最大加速度	0.005g (0.05 m/sec^2)

6.0 設計規範

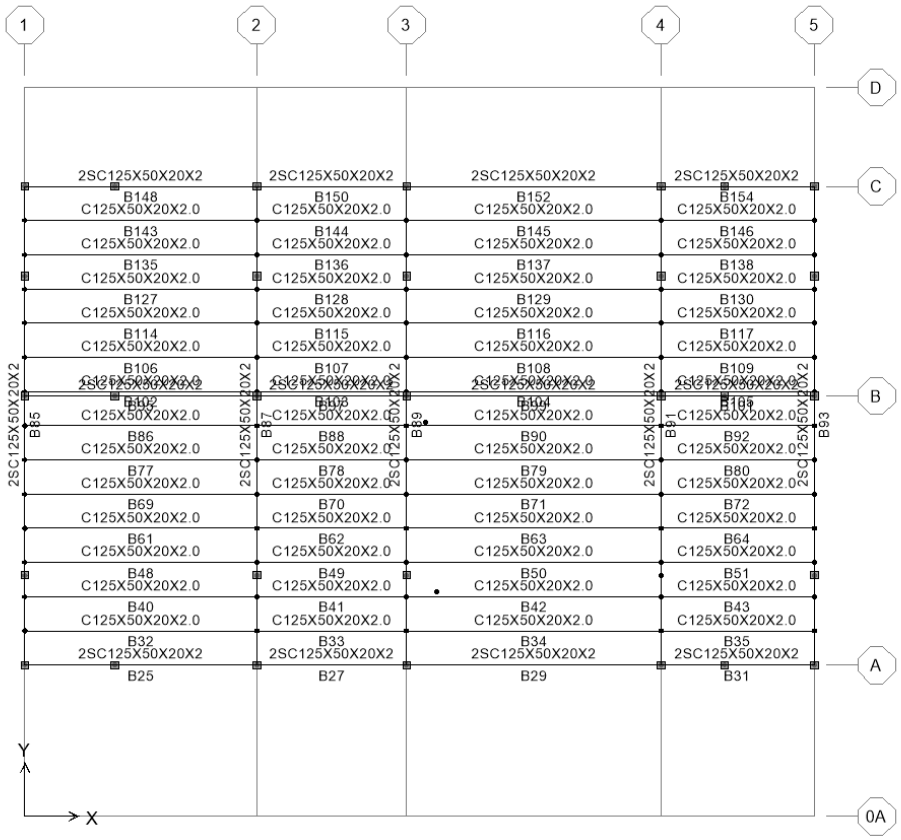
(1) 建築技術規則, 內政部，最新版。
(2) 建築物耐震設計規範及解說，內政部，2011/07。
(3) 建築物基礎構造設計規範，內政部，2001/10。
(4) 混凝土結構設計規範，內政部，2011/07。
(5) 建築物耐風設計規範及解說，內政部，2017/01。
(6) 冷軋型鋼構造建築物結構設計規範及解說，內政部，2015/10
(7) ACI 318-05。

7.0 結構分析程序

7.1 結構模型



3D view


1
2
3
4
5
D
C
B
A
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B148
B150
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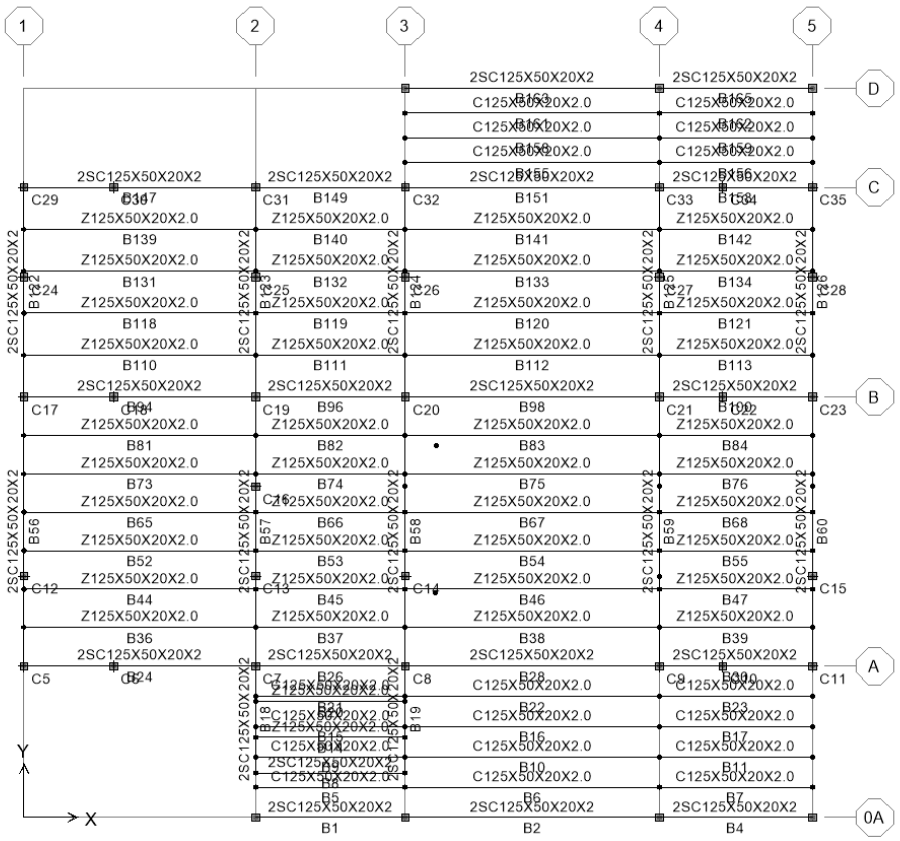
B154
B143
B144
B145
B146
B135
B136
B137
B138
B127
B128
B129
B130
B114
B115
B116
B117
B106
B107
B108
B109
B102
B103
B104
B105
B86
B88
B90
B92
B77
B78
B79
B80
B69
B70
B71
B72
B61
B62
B63
B64
B48
B49
B50
B51
B40
B41
B42
B43
B32
B33
B34
B35
B25
B27
B29
B31
B85
B87
B89
B91
B93
C125X50X20X2.0
Y
X

PRF plan


1
2
3
4
5
D
C
B
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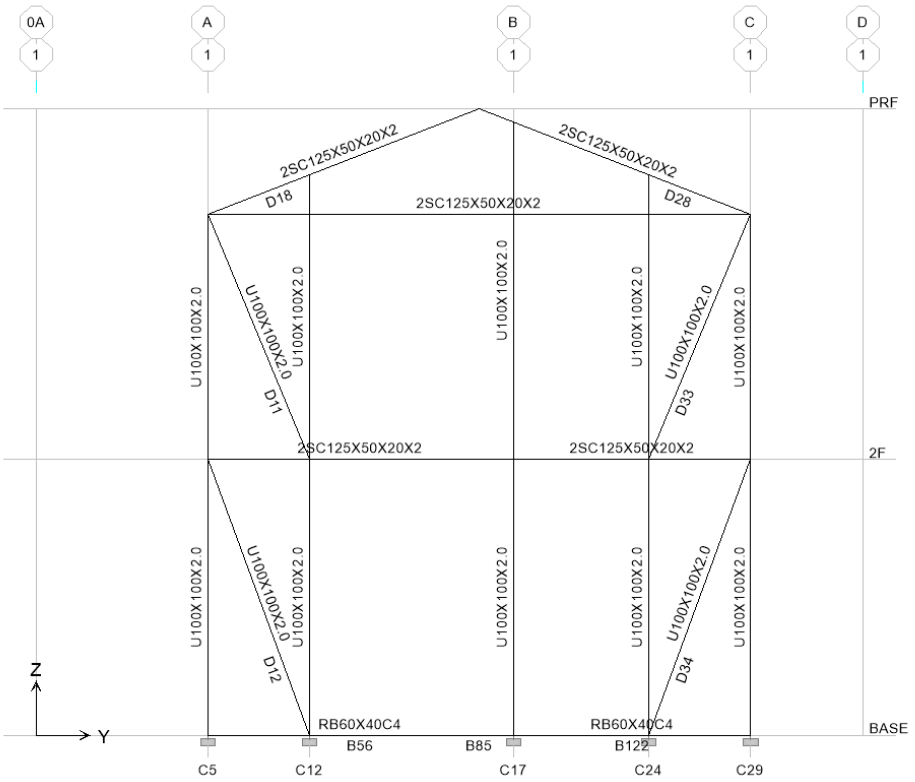
Z125X50X20X2.0
C125X50X20X2.0
Y
X

2F plan



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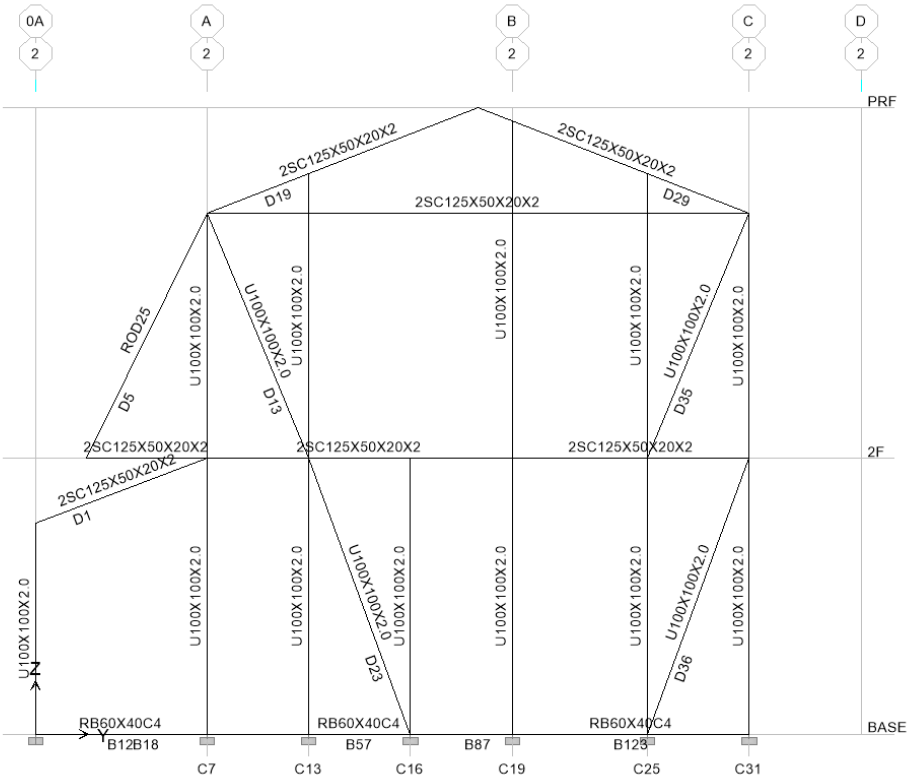
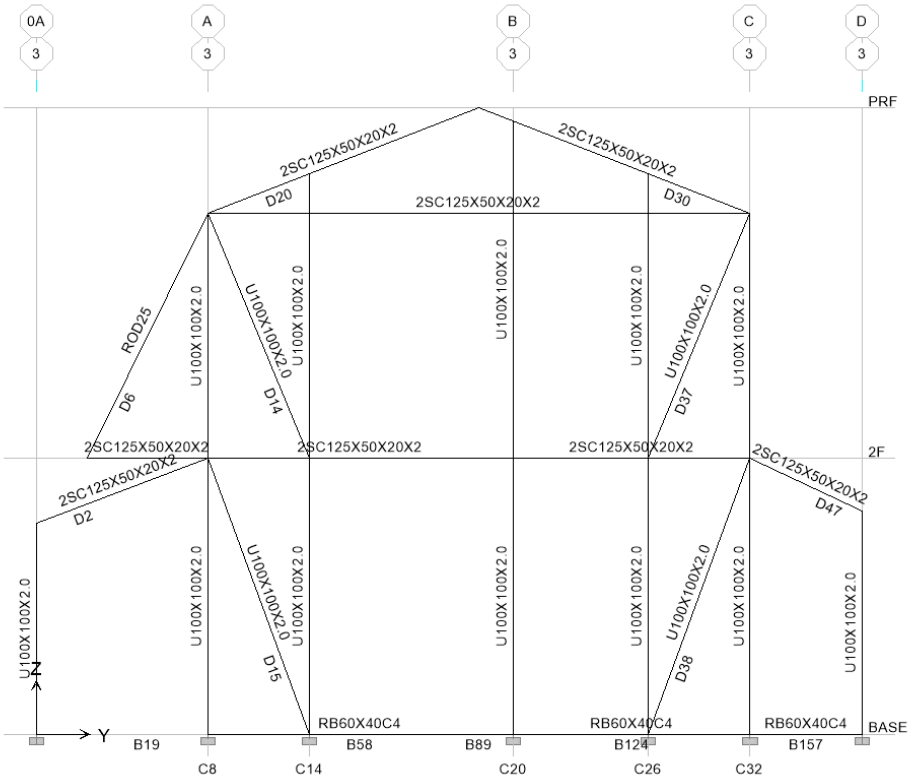
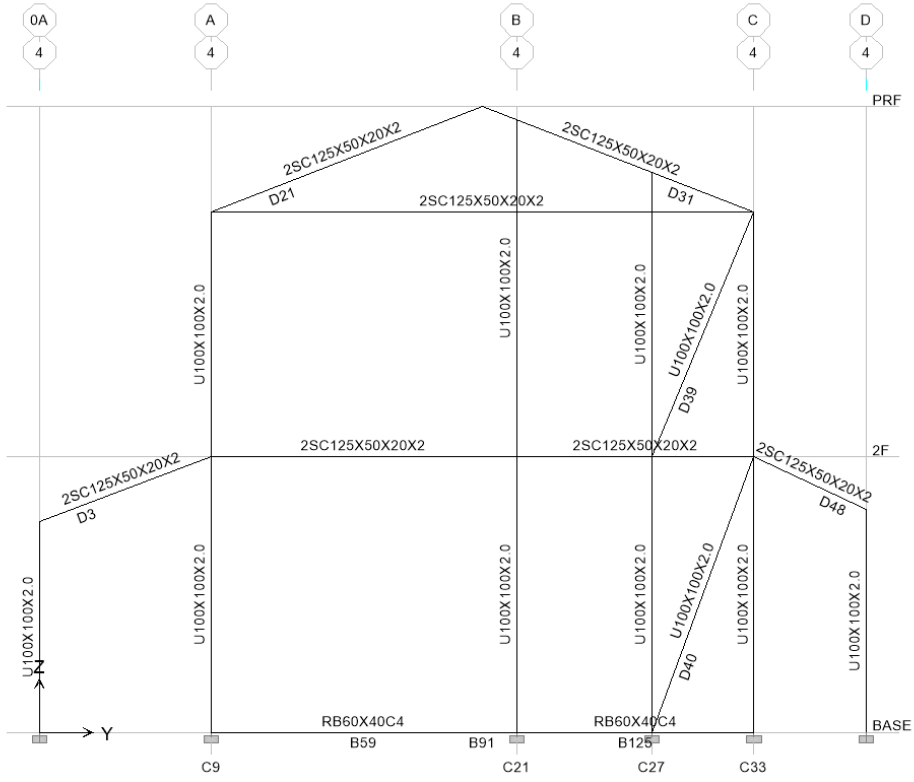


EL Line-2



EL Line-3



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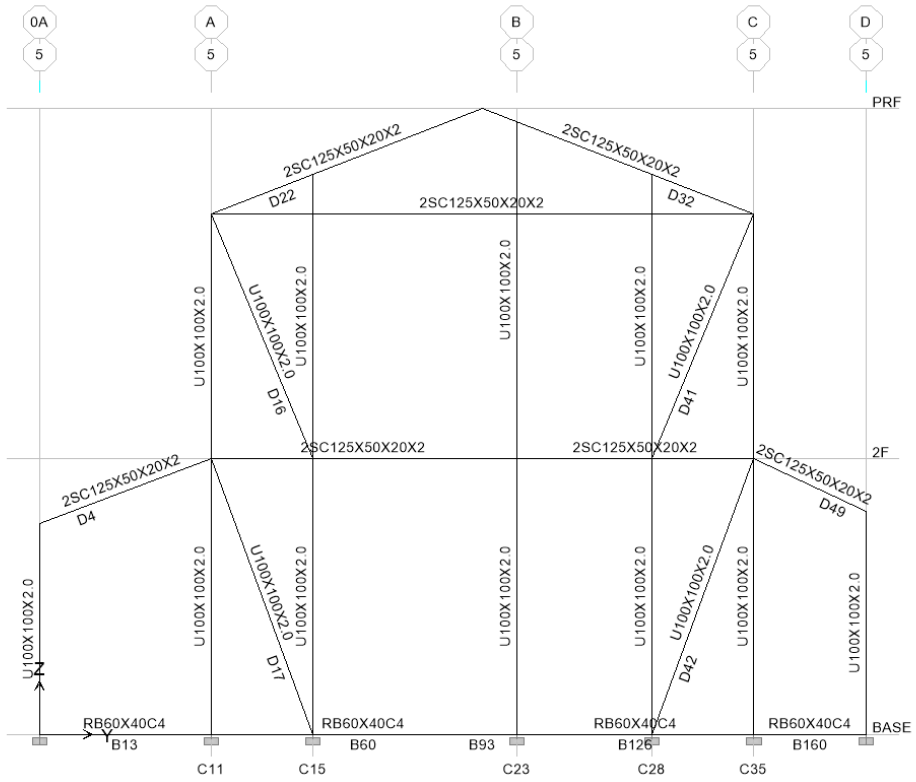

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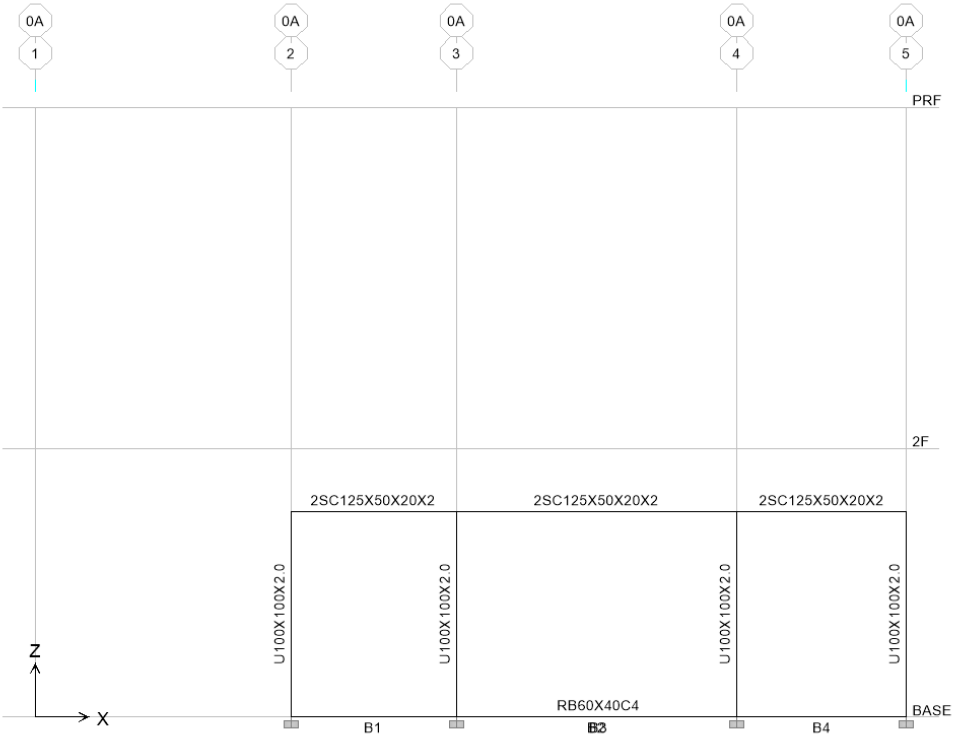
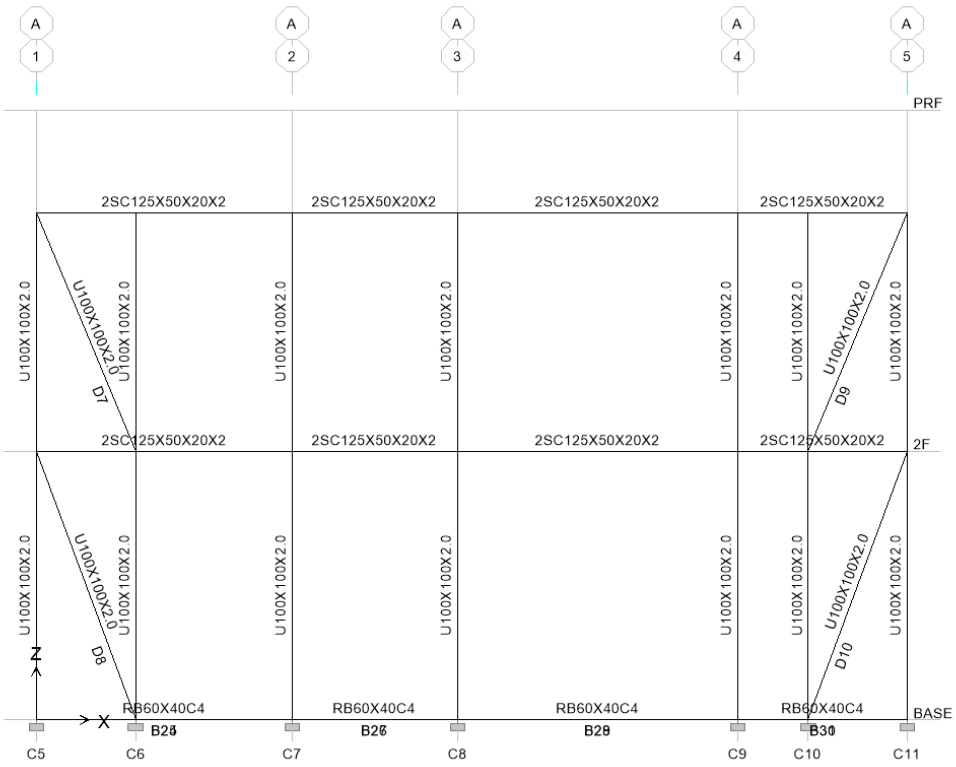
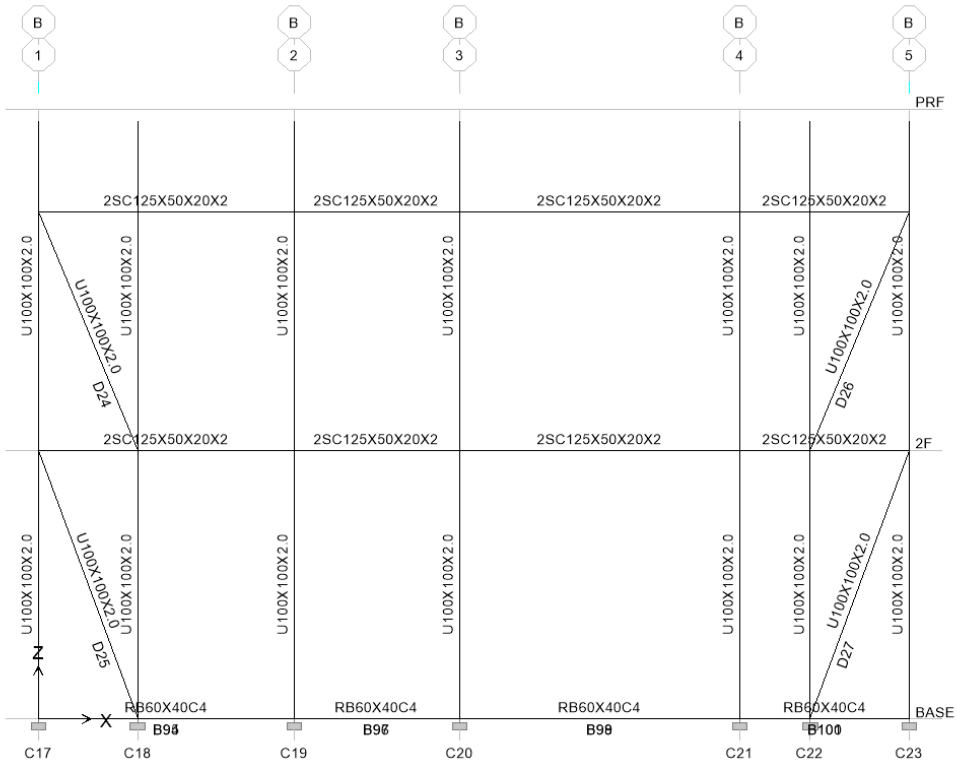


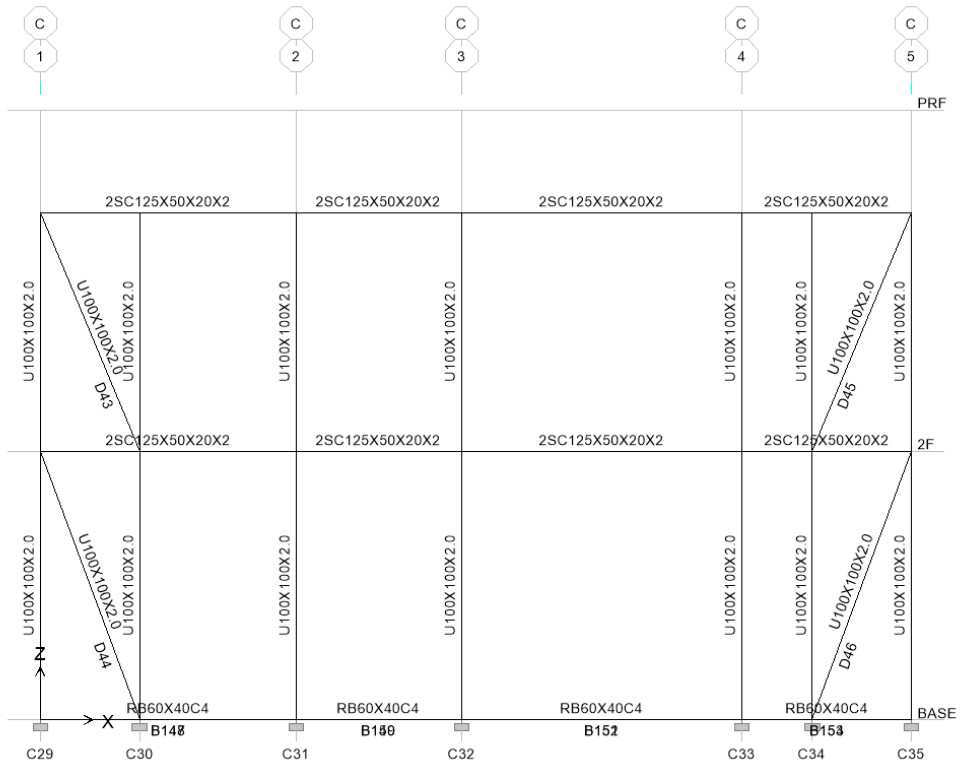
EL Line-0A



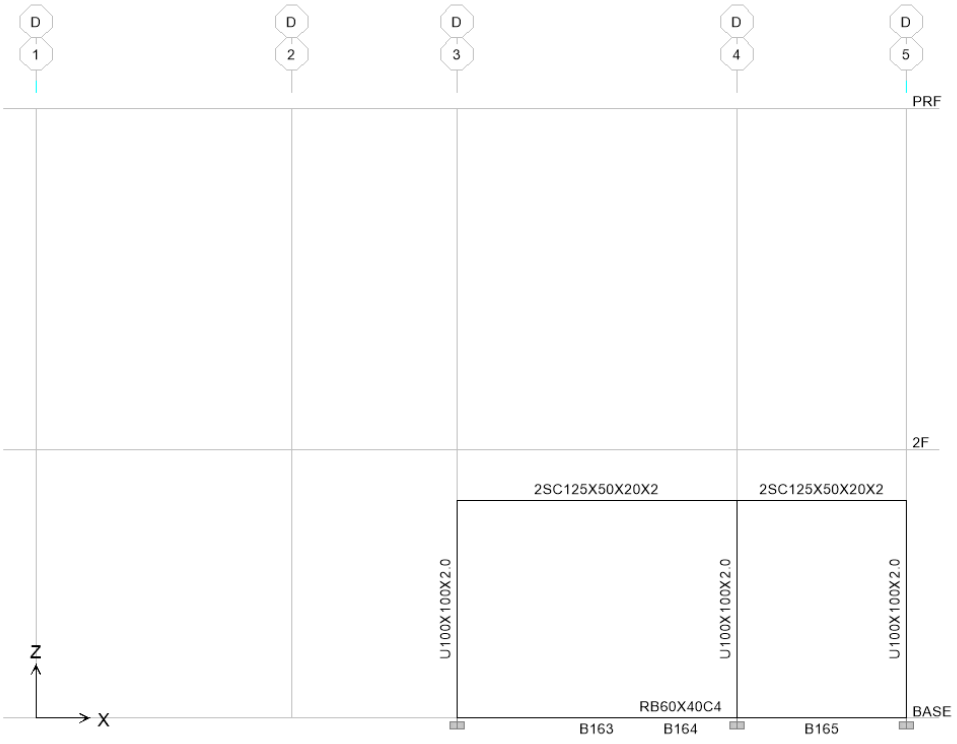
EL Line-A



EL Line-B



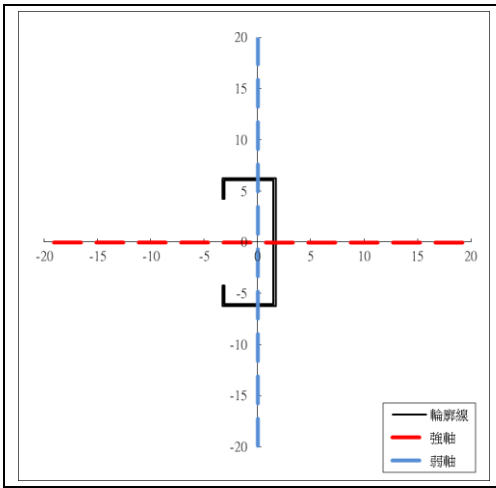
EL Line-C



EL Line-D

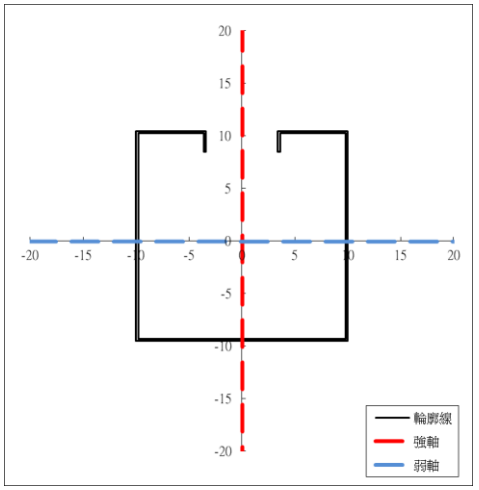
斷面性質

C125x50x20x2.0



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

U100x100x2.0

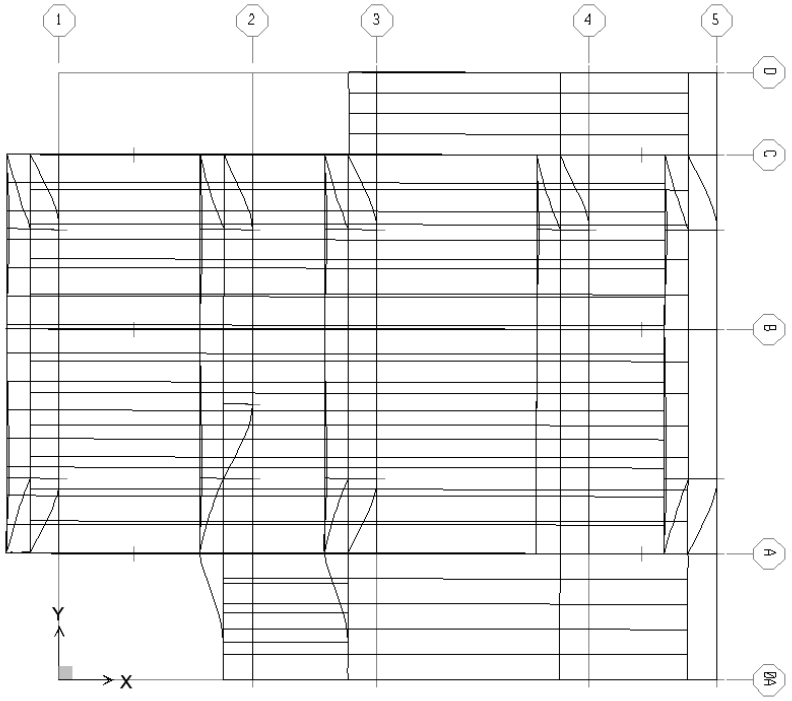


斷面積：	A=	15.200	(cm^2)
慣性矩：	Ix=	955.743	(cm^4)
	Iy=	1038.673	(cm^4)
斷面模數：	Sx=	91.334	(cm^3)
	Sy=	103.867	(cm^3)

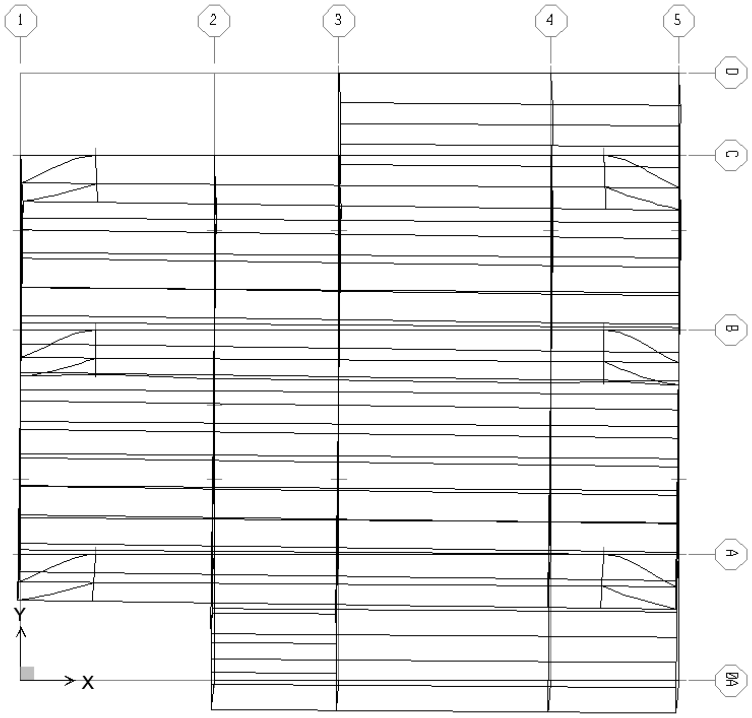
2-C125x50x20x2.0

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

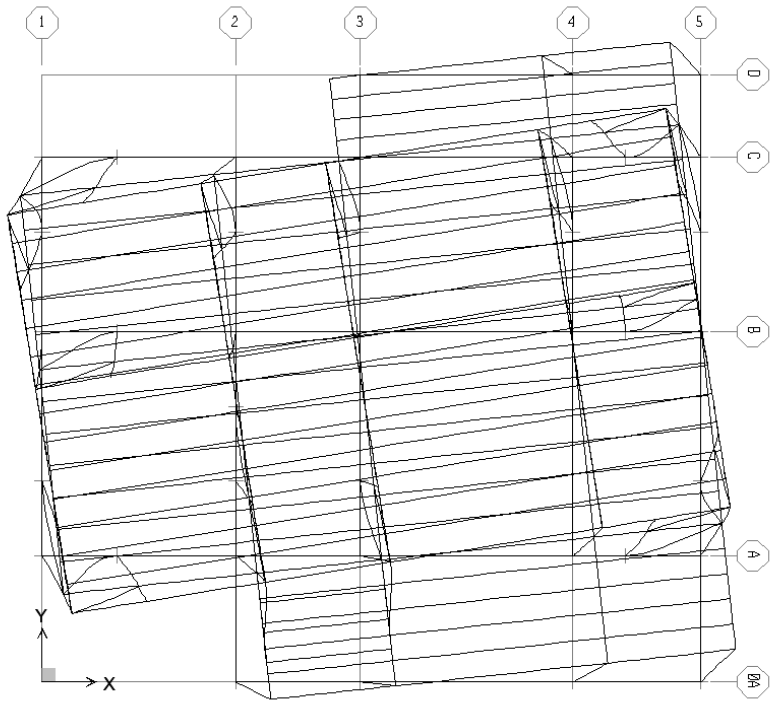
7.2 模態分析



X 向位移模態 T=0.107 (Mode 1)



Y 向位移模態 T=0.087 (Mode 2)



Z 向扭轉模態 T=0.067 (Mode 3)

有效累積振態質量

Mode	Period	UX	UY	RZ	SumUX	SumUY	SumRZ	Remark
1	0.107	91.675	0.022	0.094	91.675	0.022	0.094	X-Dir
2	0.087	0.025	93.366	0.002	91.700	93.388	0.097	Y-Dir
3	0.067	0.004	0.332	96.376	91.704	93.720	96.472	Z-Tor
4	0.041	8.274	0.000	0.103	99.978	93.720	96.575	
5	0.034	0.000	6.229	0.001	99.978	99.949	96.576	
6	0.028	0.022	0.051	3.424	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

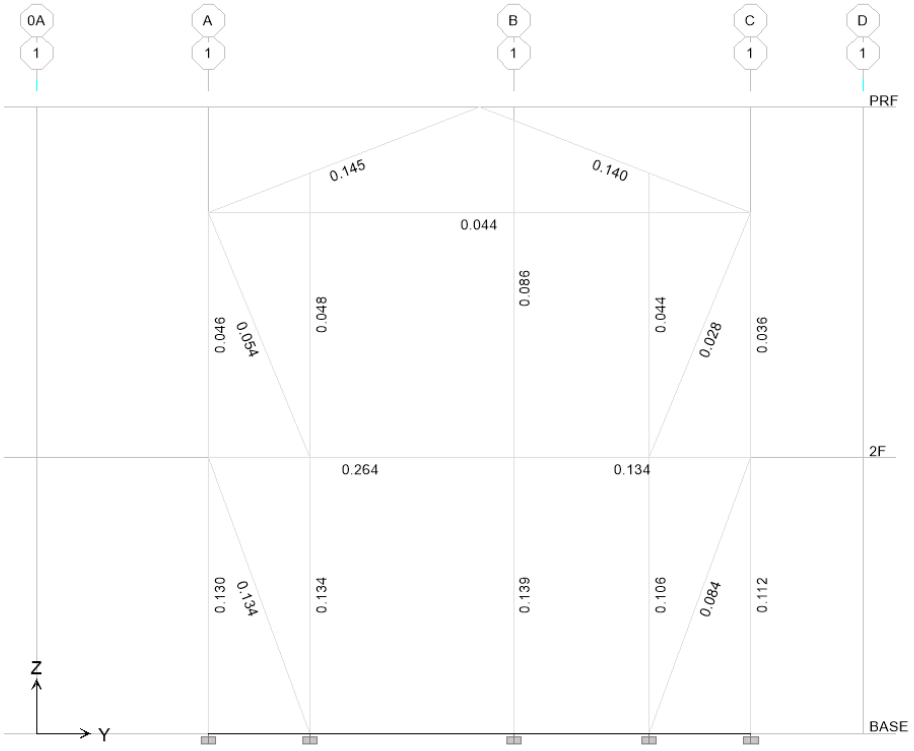
x = 強軸

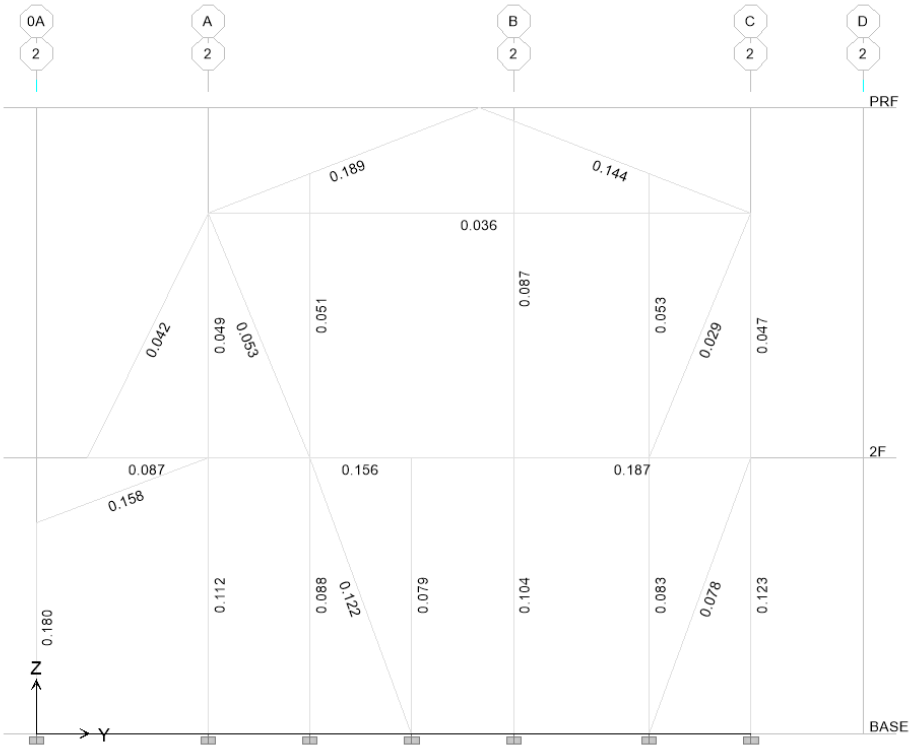
y = 弱軸

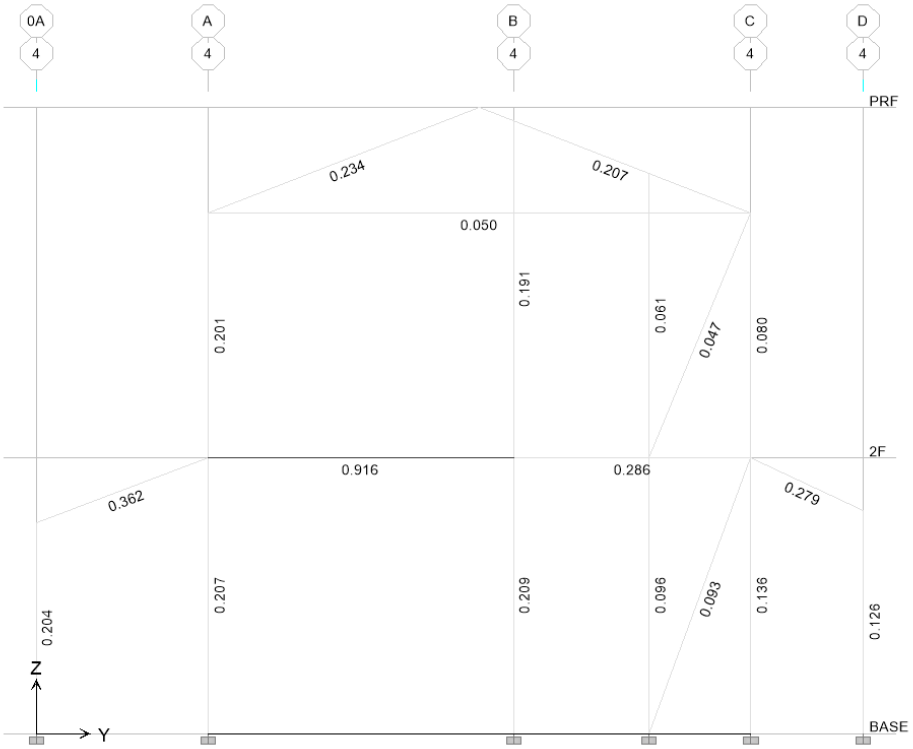
φ = 軸力載重下之強度折減係數

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!


0A
A
B
C
D
1
PRF
0.145
0.140
0.044
0.046
0.054
0.048
0.086
0.044
0.028
0.036
2F
0.264
0.134
0.130
0.134
0.134
0.139
0.106
0.084
0.112
Z
Y
BASE


0A
A
B
C
D
2
PRF
0.189
0.144
0.036
0.042
0.049
0.053
0.051
0.087
0.053
0.029
0.047
2F
0.087
0.156
0.187
0.158
0.180
0.112
0.088
0.122
0.079
0.104
0.083
0.078
0.123
Z
Y
BASE


0A
A
B
C
D
4
PRF
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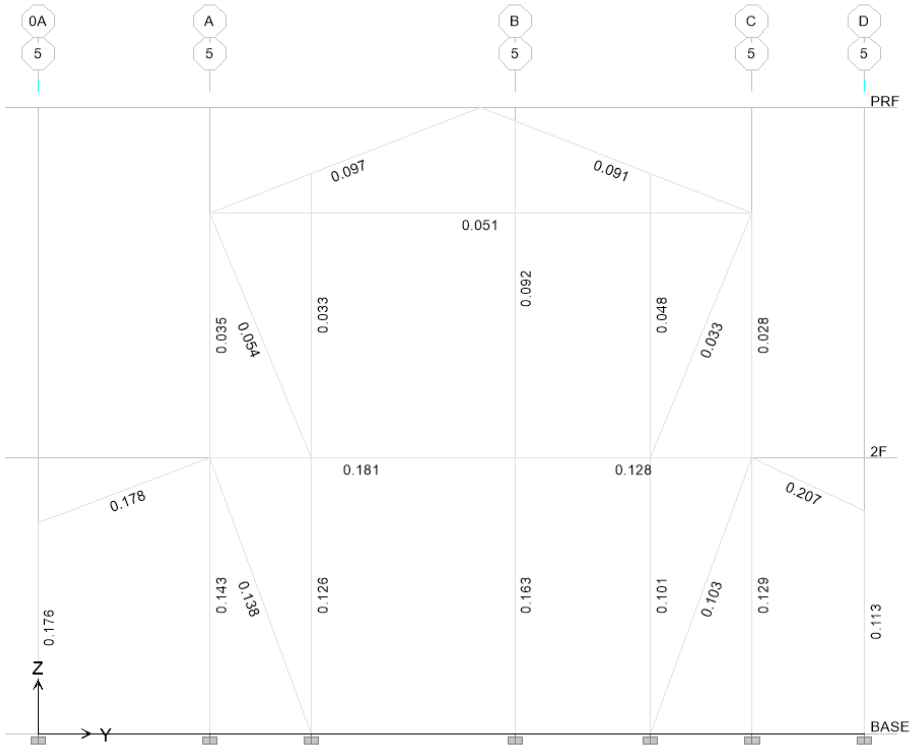
0.207
0.050
0.201
0.191
0.061
0.047
0.080
2F
0.916
0.286
0.362
0.279
0.204
0.207
0.209
0.096
0.093
0.136
0.126
Z
Y
BASE


0A
A
B
C
D
5
PRF
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0.091
0.051
0.035
0.054
0.033
0.092
0.048
0.033
0.028
2F
0.181
0.128
0.178
0.207
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0.138
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0.163
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0.103
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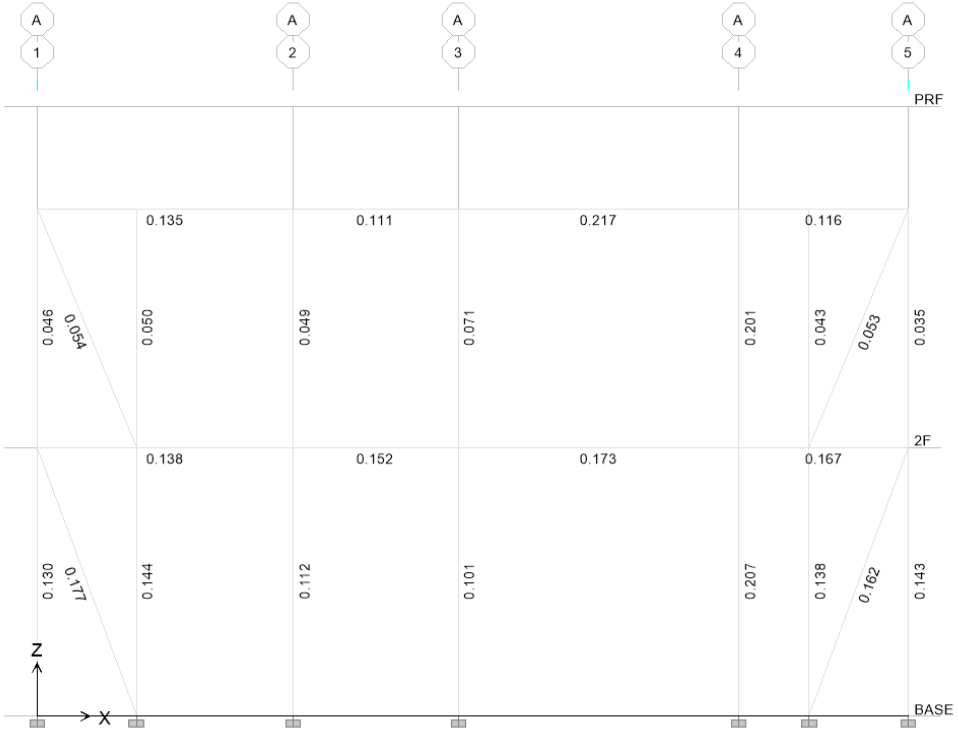
0.113
Z
Y
BASE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3
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4
A
5
PRF
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0.050
0.049
0.071
0.201
0.043
0.053
0.035
2F
0.138
0.152
0.173
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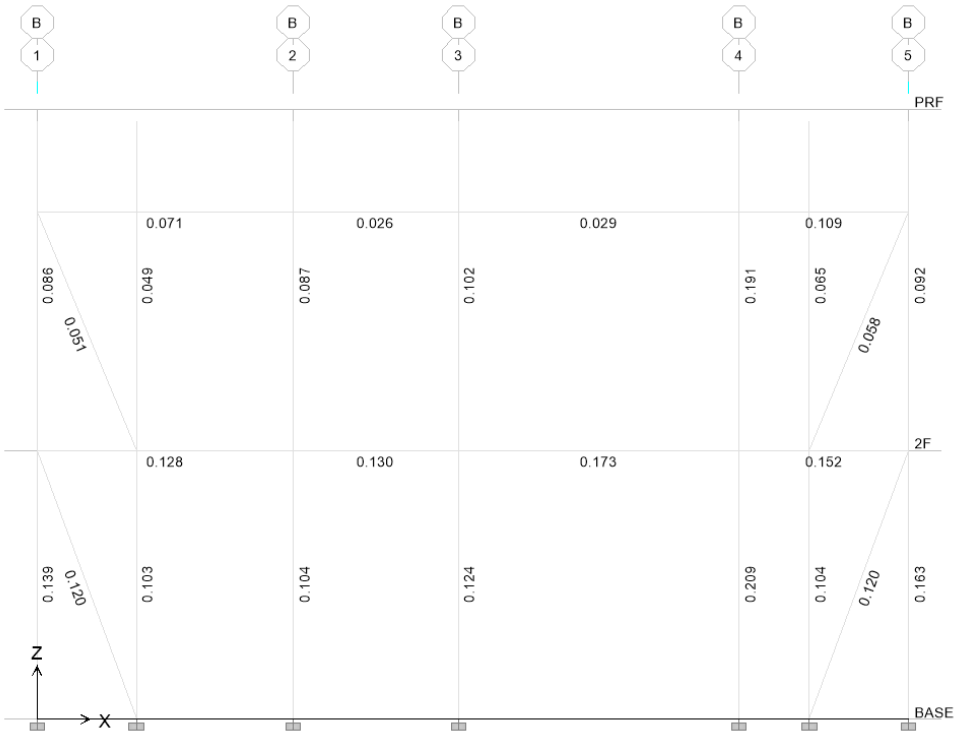
0.143
Z
X
BASE


B
1
B
2
B
3
B
4
B
5
PRF
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0.026
0.029
0.109
0.086
0.051
0.049
0.087
0.102
0.191
0.065
0.058
0.092
2F
0.128
0.130
0.173
0.152
0.139
0.120
0.103
0.104
0.124
0.209
0.104
0.120
0.163
Z
X
BASE

9.0 基礎設計 / Foundation Design

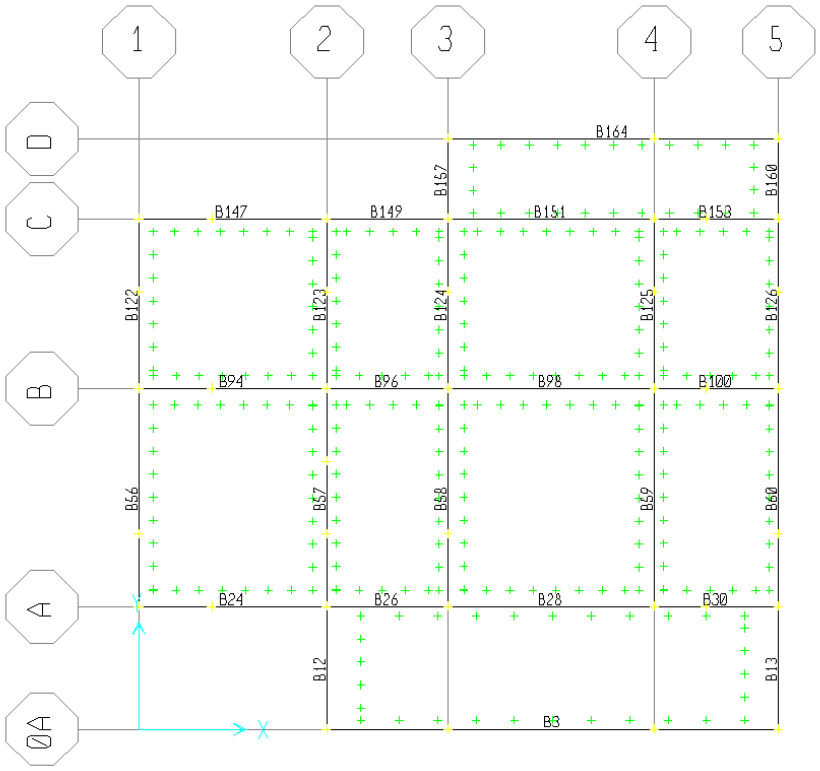
9.1 基礎設計說明

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

9.1.1 分析基本資料

依據鄰近地質鑽探報告，各設計數據如下：

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



基礎結構平面圖

9.1.2 基礎設計載重組合

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

DL：靜載重(包含自重)

LL：活載重

E：法規地震載重 (EXP、EXN、EYP、EYN)

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

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

WA：水浮力 (WAH、WAN)

WAH：高水位時之水浮力

WAN：常時水位之水浮力

檢核(乘載力檢核)

1.0DL+1.0WA

1.0DL+1.0LL+1.0WA

1.0DL+1.0LL±1.0E+1.0WA

設計

1.4DL+1.4WA

1.2DL+1.6LL+1.2WA

1.2DL+1.0LL±1.4E

0.9DL±1.4E

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

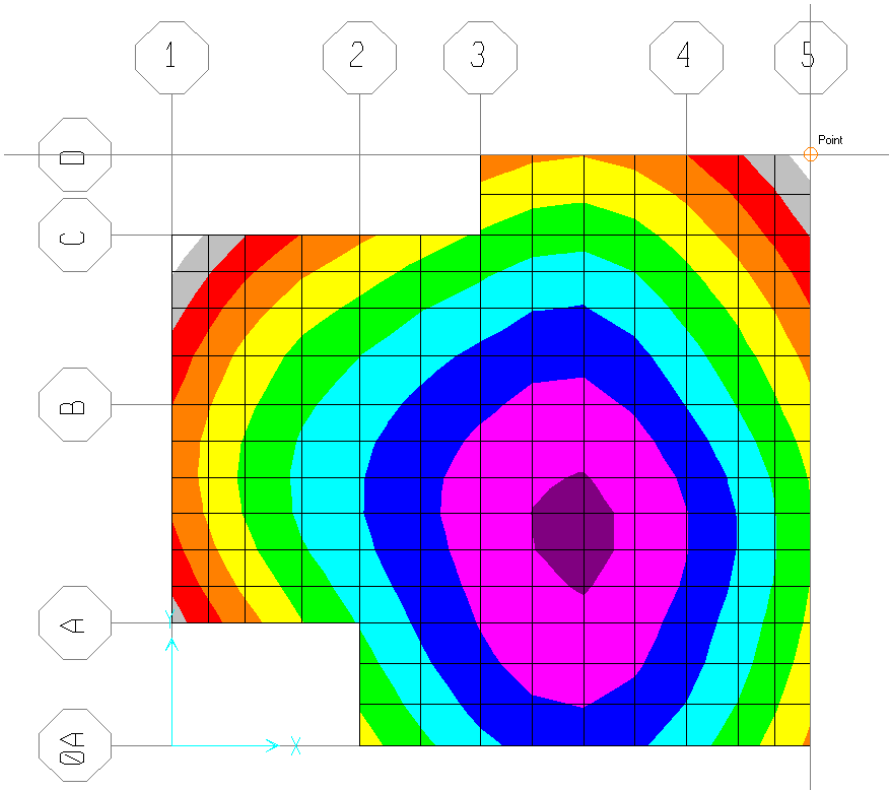
BASE37	0.900	0.900		-1.400						
BASE38	0.900	0.900			-1.400					
BASE39	0.900	0.900				-1.400				
BASE40	0.900	0.900					-1.400			

9.2 基礎分析

9.2.1 分析基本資料

1. 容許承載力檢核：

承載力檢核考慮載重組合為 BASE04



土壤最大反力為 2.387(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

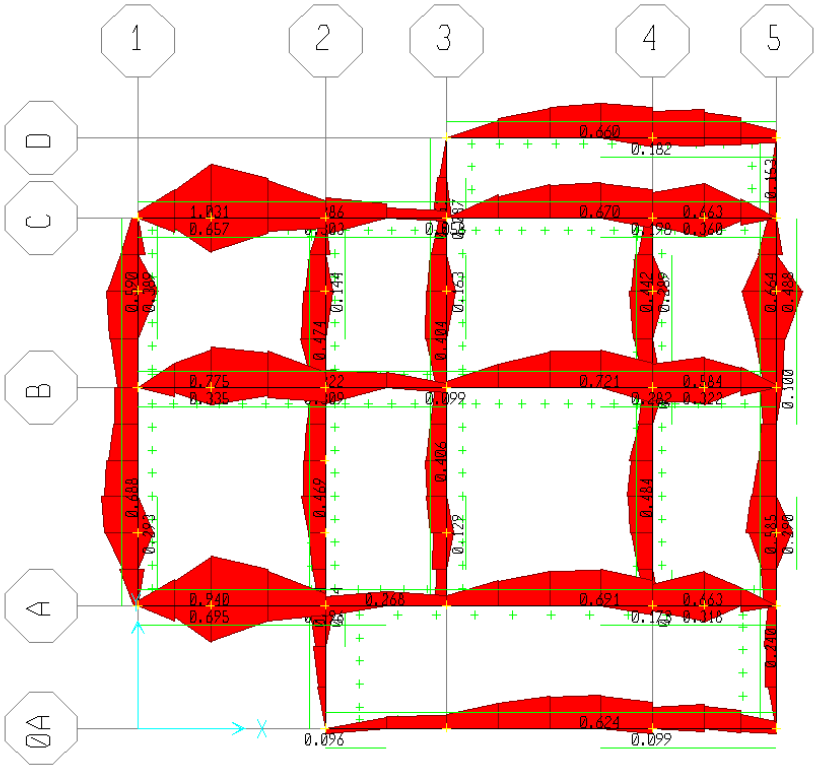
1. 材料強度

混凝土抗壓強度： 280 kgf/cm^2

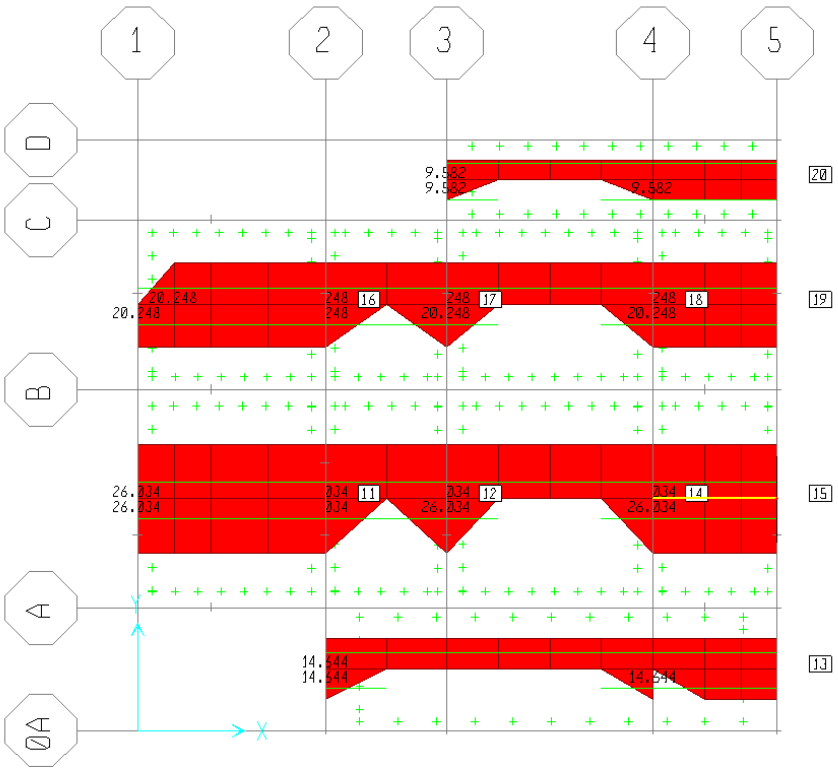
鋼筋降伏強度： 2800kgf/cm^2 (#3 及以下)

4200kgf/cm^2 (#4 及以上)

2. 地樑設計



3. 基版 X 向鋼筋需求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2
3
4
5
D
C
B
A
0A
9.582
9.582
9.582
20
20.248
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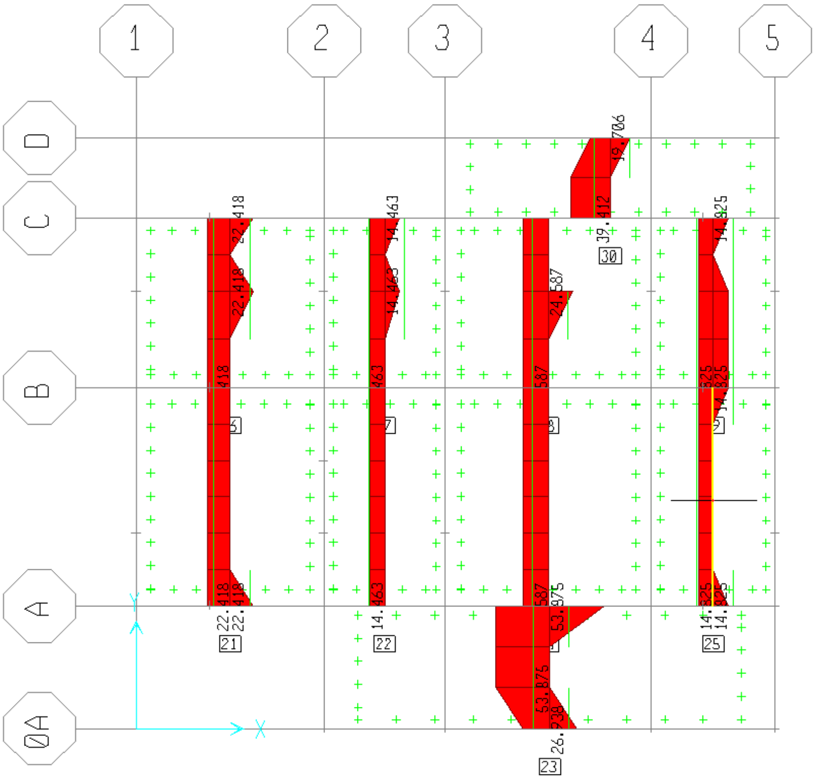
20.248
20.248
20.248
19
26.034
26.034
26.034
26.034
26.034
15
14.544
14.544
14.544
13

4. 基版 Y 向鋼筋需求



附錄

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$ PROGRAM INFORMATION
  PROGRAM  "ETABS"  VERSION "9.5.0"

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

$ STORIES - IN SEQUENCE FROM TOP
  STORY "PRF"  HEIGHT 413.3  SIMILARTO "2F"
  STORY "2F"  HEIGHT 325  MASTERSTORY "Yes"
  STORY "BASE"  ELEV 0

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

$ GRIDS
  COORDSYSTEM "GLOBAL" TYPE "CARTESIAN" BUBBLESIZE 50
  GRID "GLOBAL" LABEL "1" DIR "X" COORD 0 GRIDTYPE "PRIMARY"  BUBBLELOC "DEFAULT" GRIDHIDE "NO"
  GRID "GLOBAL" LABEL "2" DIR "X" COORD 310 GRIDTYPE "PRIMARY"  BUBBLELOC "DEFAULT" GRIDHIDE "NO"
  GRID "GLOBAL" LABEL "3" DIR "X" COORD 510 GRIDTYPE "PRIMARY"  BUBBLELOC "DEFAULT" GRIDHIDE "NO"
  GRID "GLOBAL" LABEL "4" DIR "X" COORD 850 GRIDTYPE "PRIMARY"  BUBBLELOC "DEFAULT" GRIDHIDE "NO"
  GRID "GLOBAL" LABEL "5" DIR "X" COORD 1055 GRIDTYPE "PRIMARY"  BUBBLELOC "DEFAULT" GRIDHIDE "NO"
  GRID "GLOBAL" LABEL "0A" DIR "Y" COORD 0 GRIDTYPE "PRIMARY"  BUBBLELOC "DEFAULT" GRIDHIDE "NO"
  GRID "GLOBAL" LABEL "A" DIR "Y" COORD 202.5 GRIDTYPE "PRIMARY"  BUBBLELOC "DEFAULT" GRIDHIDE "NO"
  GRID "GLOBAL" LABEL "B" DIR "Y" COORD 562.5 GRIDTYPE "PRIMARY"  BUBBLELOC "DEFAULT" GRIDHIDE "NO"
  GRID "GLOBAL" LABEL "C" DIR "Y" COORD 842.5 GRIDTYPE "PRIMARY"  BUBBLELOC "DEFAULT" GRIDHIDE "NO"
  GRID "GLOBAL" LABEL "D" DIR "Y" COORD 975 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 6.49999992674566E-06
  MATERIAL  "OTHER"  DESIGNTYPE "OTHER"
  MATERIAL  "SGC440"  M 8.01E-06  W 0.00785  TYPE "ISOTROPIC"  E 2100000  U 0.3  A 1.16999999590917E-05
  MATERIAL  "SGC440"  DESIGNTYPE "STEEL"  FY 3400  FU 4000  PRICE 45
  MATERIAL  "GR50"  M 8.01E-06  W 0.00785  TYPE "ISOTROPIC"  E 2100000  U 0.3  A 1.16999999590917E-05
  MATERIAL  "GR50"  DESIGNTYPE "STEEL"  FY 3500  FU 4000  PRICE 45
  MATERIAL  "606315"  M 2.755E-06  W 0.0027  TYPE "ISOTROPIC"  E 730000  U 0.3  A 1.16999999590917E-05
  MATERIAL  "606315"  DESIGNTYPE "STEEL"  FY 1120  FU 4000  PRICE 45
  MATERIAL  "C280"  M 2.448E-06  W 0.0024  TYPE "ISOTROPIC"  E 250998  U 0.2  A 9.99999974737875E-06
  MATERIAL  "C280"  DESIGNTYPE "CONCRETE"  FY 4200  FC 280  FYS 4200
  MATERIAL  "MAT1"  M 8.01E-06  W 0.00785  TYPE "ISOTROPIC"  E 2100000  U 0.3  A 1.16999999590917E-05
  MATERIAL  "MAT1"  DESIGNTYPE "STEEL"  FY 2400  FU 4000  PRICE 45
  MATERIAL  "S45C"  M 8.01E-06  W 0.00785  TYPE "ISOTROPIC"  E 2100000  U 0.3  A 1.16999999590917E-05
  MATERIAL  "S45C"  DESIGNTYPE "STEEL"  FY 3500  FU 4000  PRICE 45

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

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

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

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

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

$ POINT COORDINATES
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  POINT "1-1"  310 0 76
  POINT "2"  510 0
  POINT "2-1"  510 0 76
  POINT "3"  850 0
  POINT "3-1"  850 0 76
  POINT "4"  1055 0
  POINT "4-1"  1055 0 76
  POINT "5"  310 40.5000001192093
  POINT "5-1"  310 40.5000001192093 60.8
  POINT "6"  510 40.5000001192093
  POINT "6-1"  510 40.5000001192093 60.8
  POINT "7"  850 40.5000001192093
  POINT "7-1"  850 40.5000001192093 60.8
  POINT "8"  1055 40.5000001192093
  POINT "8-1"  1055 40.5000001192093 60.8
  POINT "9"  310 59.5000028610229
  POINT "10"  510 59.5000028610229
  POINT "11"  310 81.0000002384186
  POINT "11-1"  310 81.0000002384186 45.6
  POINT "12"  510 81.0000002384186
  POINT "12-1"  510 81.0000002384186 45.6
  POINT "13"  850 81.0000002384186
  POINT "13-1"  850 81.0000002384186 45.6
  POINT "14"  1055 81.0000002384186
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  POINT "15"  310 107.16667175293
  POINT "16"  510 107.16667175293
  POINT "17"  310 121.50000333786
  POINT "17-1"  310 121.50000333786 30.4
  POINT "18"  510 121.50000333786
  POINT "18-1"  510 121.50000333786 30.4
  POINT "19"  850 121.50000333786
  POINT "19-1"  850 121.50000333786 30.4
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  POINT "22"  510 154.833328723907
  POINT "23"  310 162.000000476837
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  POINT "74"  310 385.357141494751
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  POINT "75"  510 385.357141494751
  POINT "75-1"  510 385.357141494751 53.4
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  POINT "80"  510 408.218574523926
  POINT "81"  850 408.218574523926
  POINT "82"  1055 408.218574523926
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LINE "D35" BRACE "152" "178-1" 1
LINE "D36" BRACE "152" "178" 1
LINE "D37" BRACE "153" "179-1" 1
LINE "D38" BRACE "153" "179" 1
LINE "D39" BRACE "154" "180-1" 1
LINE "D40" BRACE "154" "180" 1
LINE "D41" BRACE "155" "182-1" 1
LINE "D42" BRACE "155" "182" 1
LINE "D43" BRACE "177" "176-1" 1
LINE "D44" BRACE "177" "176" 1
LINE "D45" BRACE "181" "182-1" 1
LINE "D46" BRACE "181" "182" 1
LINE "D47" BRACE "192-1" "179" 0
LINE "D48" BRACE "193-1" "180" 0
LINE "D49" BRACE "194-1" "182" 0

$ AREA CONNECTIVITIES
AREA "F1" FLOOR 4 "29" "1" "4" "33" 0 0 0 0
AREA "F2" FLOOR 4 "27" "29" "116" "114" 0 0 0 0
AREA "F3" FLOOR 4 "29" "30" "117" "116" 0 0 0 0
AREA "F4" FLOOR 4 "30" "31" "118" "117" 0 0 0 0
AREA "F5" FLOOR 4 "31" "33" "120" "118" 0 0 0 0
AREA "F6" FLOOR 4 "114" "116" "178" "176" 0 0 0 0
AREA "F7" FLOOR 4 "116" "117" "179" "178" 0 0 0 0
AREA "F8" FLOOR 4 "117" "118" "180" "179" 0 0 0 0
AREA "F9" FLOOR 4 "118" "120" "182" "180" 0 0 0 0
AREA "F10" FLOOR 4 "179" "182" "194" "192" 0 0 0 0

$ POINT ASSIGNS
POINTASSIGN "27" "2F" DIAPH "D1"
POINTASSIGN "27-1" "PRF" DIAPH "D1"
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POINTASSIGN "151-1" "PRF" DIAPH "D1"
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POINTASSIGN "152-1" "PRF" DIAPH "D1"
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POINTASSIGN "176" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
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POINTASSIGN "151" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
POINTASSIGN "59" "BASE" RESTRAINT "UX UY UZ RX RY RZ"
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  POINTASSIGN  "152"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "88"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "3"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "28"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "192"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "194"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"
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  POINTASSIGN  "180"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "182"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "1"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "4"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"
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  POINTASSIGN  "153"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"
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  POINTASSIGN  "115"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "119"  "BASE"  RESTRAINT "UX UY UZ RX RY RZ"

$ LINE ASSIGNS
  LINEASSIGN  "B24"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B26"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B28"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B30"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B94"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B96"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B98"  "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  "B147"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B149"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B151"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B153"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
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  LINEASSIGN  "B164"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
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  LINEASSIGN  "B13"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B12"  "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  "B123"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B56"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B122"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B58"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B124"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B59"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B125"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B60"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B126"  "BASE"  SECTION "RB60X40C4"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "C5"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C5-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C29"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C29-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "B85"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "C12"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C12-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C24"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C24-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C17"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C17-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D11"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D12"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D33"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D34"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C7"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C7-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C31"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C31-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "B87"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "C13"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C13-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C25"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C25-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C19"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C19-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D13"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D35"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D36"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C16"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D23"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D5"  "PRF"  SECTION "ROD25"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C1-1"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C8"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C8-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C32"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C32-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "B89"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "C14"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C14-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C26"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C26-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C20"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C20-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D14"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D37"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D38"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D15"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D6"  "PRF"  SECTION "ROD25"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C2-1"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C36-1"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C9"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C9-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C33"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C33-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "B91"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "C27"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C27-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C21"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C21-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D39"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D40"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C3-1"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C37-1"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C11"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C11-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C35"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C35-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "B93"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "C15"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C15-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C28"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C28-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C23"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C23-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D16"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D41"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D42"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D17"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C4-1"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C38-1"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "B1"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B2"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B4"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B24"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B26"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B28"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B30"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B25"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B27"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B29"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B31"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "C6"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C6-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C10"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C10-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D7"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D8"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D9"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D10"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "B147"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B149"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B151"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B153"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B148"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B150"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B152"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B154"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "C30"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C30-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C34"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C34-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D43"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D44"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D45"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D46"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "B94"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B96"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B98"  "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  "B95"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B97"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B99"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B101"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "C18"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C18-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C22"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "C22-1"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D24"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D25"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D26"  "PRF"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D27"  "2F"  SECTION "U100X100X2.0"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "B163"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B165"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "D1"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D4"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D2"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "D3"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  MESH "POINTSANDLINES"
  LINEASSIGN  "B5"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B6"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B7"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B9"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B10"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B11"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B15"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B16"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B17"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B21"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B22"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B23"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "D47"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "D49"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "D48"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B155"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B156"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B158"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B159"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B161"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B162"  "2F"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B8"  "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  "B19"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B14"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B20"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B56"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B122"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B57"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B123"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B58"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B124"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B59"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B125"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B60"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B126"  "2F"  SECTION "2SC125X50X20X2"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B36"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B37"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B38"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B39"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B44"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B45"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B46"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B47"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B52"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B53"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B54"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B55"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B65"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B66"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B67"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B68"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B73"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B74"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B75"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B76"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B81"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B82"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B83"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B84"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B110"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B111"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B112"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B113"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B118"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B119"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B120"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B121"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B131"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B132"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B133"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B134"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B139"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B140"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B141"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B142"  "2F"  SECTION "Z125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "D18"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "D28"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "D22"  "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  "D19"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "D29"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "D20"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "D30"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "D21"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "D31"  "PRF"  SECTION "2SC125X50X20X2"  ANG  0  MINNUMSTA 3  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B32"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B33"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B34"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B35"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B40"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B41"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B42"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B43"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B48"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B49"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B50"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B51"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B61"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B62"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B63"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B64"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B69"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B70"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B71"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B72"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B77"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B78"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B79"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B80"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B86"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
  LINEASSIGN  "B88"  "PRF"  SECTION "C125X50X20X2.0"  ANG  0  MAXSTASPC 50  RELEASE "PINNED"  CARDINALPT 8    MESH "POINTSANDLINES"
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LINEASSIGN "B90" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B92" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B102" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B103" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B104" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B105" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B106" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B107" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B108" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B109" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B114" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B115" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B116" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B117" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B127" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B128" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B129" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B130" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B135" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B136" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B137" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B138" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B143" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B144" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B145" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"
LINEASSIGN "B146" "PRF" SECTION "C125X50X20X2.0" ANG 0 MAXSTASPC 50 RELEASE "PINNED" CARDINALPT 8 MESH "POINTSANDLINES"

$ AREA ASSIGNS
AREAASSIGN "F2" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F3" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F1" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F4" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F5" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F6" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F7" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F8" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F9" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F10" "BASE" SECTION "S40" OBJMESHTYPE "DEFAULT"
AREAASSIGN "F2" "BASE" "SPRINGK3" 1
AREAASSIGN "F3" "BASE" "SPRINGK3" 1
AREAASSIGN "F1" "BASE" "SPRINGK3" 1
AREAASSIGN "F4" "BASE" "SPRINGK3" 1
AREAASSIGN "F5" "BASE" "SPRINGK3" 1
AREAASSIGN "F6" "BASE" "SPRINGK3" 1
AREAASSIGN "F7" "BASE" "SPRINGK3" 1
AREAASSIGN "F8" "BASE" "SPRINGK3" 1
AREAASSIGN "F9" "BASE" "SPRINGK3" 1
AREAASSIGN "F10" "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 5038.313 XLOC 550 YLOC 300
WIND "WX" USERLOAD "2F" "D1" FX 8938.313 XLOC 550 YLOC 300
WIND "WY" "USER"
WIND "WY" USERLOAD "PRF" "D1" FY 5451.712 XLOC 550 YLOC 300
WIND "WY" USERLOAD "2F" "D1" FY 9671.713 XLOC 550 YLOC 300

$ POINT OBJECT LOADS

$ LINE OBJECT LOADS
LINELOAD "B25" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B27" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B29" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B31" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B148" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B150" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B152" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B154" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B32" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B33" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B34" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B35" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B41" "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 "B50" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B51" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B61" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B62" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B63" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B64" "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 "B71" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
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LINELOAD "B77" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B78" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
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LINELOAD "B80" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
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LINELOAD "B90" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B92" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B102" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B103" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B104" "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 "B107" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B108" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B109" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B114" "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 "B117" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B127" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B128" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B129" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B130" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B135" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B136" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B137" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B138" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B143" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B144" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B145" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B146" "PRF" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B25" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B27" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B29" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B31" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B148" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B150" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B152" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B154" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B32" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B33" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B34" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B35" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B41" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B42" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
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LINELOAD "B106" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B107" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B108" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B109" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B114" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B115" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
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LINELOAD "B130" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B135" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B136" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B137" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B138" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B143" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B144" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B145" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B146" "PRF" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B25" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B27" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B29" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B31" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B148" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B150" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B152" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B154" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B32" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B33" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B34" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
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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
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LINELOAD "B62" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B63" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B64" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
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LINELOAD "B104" "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 "B107" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B108" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B109" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B114" "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 "B117" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B127" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B128" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B129" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B130" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B135" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B136" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B137" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B138" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B143" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B144" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B145" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B146" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B25" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B27" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B29" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B31" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B148" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B150" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B152" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B154" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B32" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B33" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B34" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B35" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
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LINELOAD "B42" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
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LINELOAD "B129" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B130" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B135" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B136" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B137" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B138" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B143" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B144" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B145" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B146" "PRF" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B24" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
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LINELOAD "B26" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B28" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B30" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B147" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B149" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B151" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B153" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B94" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B96" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B98" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B100" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B8" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B14" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B20" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B36" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B37" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B38" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B39" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B44" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B45" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B46" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B47" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B52" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B53" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B54" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B55" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B65" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B66" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B67" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B68" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B73" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B74" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B75" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B76" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B81" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B82" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B83" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B84" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B110" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B111" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B112" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B113" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B118" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B119" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B120" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B121" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B131" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B132" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B133" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B134" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B139" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B140" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B141" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B142" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B24" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B26" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B28" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B30" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B147" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B149" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B151" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B153" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B94" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B96" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B98" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B100" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B8" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B14" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B20" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B36" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B37" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B38" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B39" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B44" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B45" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B46" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B47" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B52" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B53" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B54" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B55" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B65" "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 "B73" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B74" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B75" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B76" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B81" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B82" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B83" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B84" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B110" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B111" "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 "B118" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B119" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B120" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B121" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B131" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B132" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B133" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B134" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B139" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B140" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B141" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 1.2
LINELOAD "B142" "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 "B4" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B163" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B165" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B5" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B6" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B7" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B9" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B10" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B11" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B15" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B16" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B17" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B21" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B22" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B23" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B155" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B156" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B158" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B159" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B161" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B162" "2F" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.24
LINELOAD "B1" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B2" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B4" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B163" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B165" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B5" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B6" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B7" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B9" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B10" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B11" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B15" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B16" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B17" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B21" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B22" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B23" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B155" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B156" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B158" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B159" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B161" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B162" "2F" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.36
LINELOAD "B1" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B2" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B4" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B163" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B165" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B5" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B6" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B7" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B9" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B10" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B11" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B15" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B16" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B17" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B21" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B22" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B23" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B155" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B156" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B158" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B159" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B161" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B162" "2F" TYPE "UNIFF" DIR "GRAV" LC "WX" FVAL -1.68
LINELOAD "B1" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B2" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B4" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B163" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B165" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B5" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B6" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B7" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B9" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B10" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B11" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B15" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B16" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B17" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B21" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B22" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B23" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B155" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B156" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B158" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B159" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B161" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576
LINELOAD "B162" "2F" TYPE "UNIFF" DIR "GRAV" LC "WY" FVAL 0.576

$ AREA OBJECT LOADS
  AREALOAD "F2" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F3" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F1" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F4" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F5" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F6" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F7" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F8" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F9" "BASE" TYPE "UNIFF" DIR "GRAV" LC "SDL" FVAL 0.03
  AREALOAD "F10" "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 "LL" FVAL 0.1
  AREALOAD "F1" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F4" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F5" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F6" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F7" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F8" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F9" "BASE" TYPE "UNIFF" DIR "GRAV" LC "LL" FVAL 0.1
  AREALOAD "F10" "BASE" TYPE "UNIFF" DIR "GRAV" LC "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
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COMBO "02RC14" LOAD "EYP" SF -1
COMBO "02RC14" COMBO "EZ" SF -0.3
COMBO "02RC15" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC15" LOAD "DL" SF 1.2
COMBO "02RC15" LOAD "SDL" SF 1.2
COMBO "02RC15" LOAD "LL" SF 1
COMBO "02RC15" LOAD "EXN" SF -1
COMBO "02RC15" COMBO "EZ" SF 0.3
COMBO "02RC16" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC16" LOAD "DL" SF 1.2
COMBO "02RC16" LOAD "SDL" SF 1.2
COMBO "02RC16" LOAD "LL" SF 1
COMBO "02RC16" LOAD "EXN" SF -1
COMBO "02RC16" COMBO "EZ" SF -0.3
COMBO "02RC17" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC17" LOAD "DL" SF 1.2
COMBO "02RC17" LOAD "SDL" SF 1.2
COMBO "02RC17" LOAD "LL" SF 1
COMBO "02RC17" LOAD "EYN" SF -1
COMBO "02RC17" COMBO "EZ" SF 0.3
COMBO "02RC18" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC18" LOAD "DL" SF 1.2
COMBO "02RC18" LOAD "SDL" SF 1.2
COMBO "02RC18" LOAD "LL" SF 1
COMBO "02RC18" LOAD "EYN" SF -1
COMBO "02RC18" COMBO "EZ" SF -0.3
COMBO "02RC19" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC19" LOAD "DL" SF 1.2
COMBO "02RC19" LOAD "SDL" SF 1.2
COMBO "02RC19" LOAD "LL" SF 1
COMBO "02RC19" LOAD "EXP" SF 0.3
COMBO "02RC19" COMBO "EZ" SF 1
COMBO "02RC20" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC20" LOAD "DL" SF 1.2
COMBO "02RC20" LOAD "SDL" SF 1.2
COMBO "02RC20" LOAD "LL" SF 1
COMBO "02RC20" LOAD "EXP" SF 0.3
COMBO "02RC20" COMBO "EZ" SF -1
COMBO "02RC21" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC21" LOAD "DL" SF 1.2
COMBO "02RC21" LOAD "SDL" SF 1.2
COMBO "02RC21" LOAD "LL" SF 1
COMBO "02RC21" LOAD "EYP" SF 0.3
COMBO "02RC21" COMBO "EZ" SF 1
COMBO "02RC22" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC22" LOAD "DL" SF 1.2
COMBO "02RC22" LOAD "SDL" SF 1.2
COMBO "02RC22" LOAD "LL" SF 1
COMBO "02RC22" LOAD "EYP" SF 0.3
COMBO "02RC22" COMBO "EZ" SF -1
COMBO "02RC23" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC23" LOAD "DL" SF 1.2
COMBO "02RC23" LOAD "SDL" SF 1.2
COMBO "02RC23" LOAD "LL" SF 1
COMBO "02RC23" LOAD "EXN" SF 0.3
COMBO "02RC23" COMBO "EZ" SF 1
COMBO "02RC24" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC24" LOAD "DL" SF 1.2
COMBO "02RC24" LOAD "SDL" SF 1.2
COMBO "02RC24" LOAD "LL" SF 1
COMBO "02RC24" LOAD "EXN" SF 0.3
COMBO "02RC24" COMBO "EZ" SF -1
COMBO "02RC25" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC25" LOAD "DL" SF 1.2
COMBO "02RC25" LOAD "SDL" SF 1.2
COMBO "02RC25" LOAD "LL" SF 1
COMBO "02RC25" LOAD "EYN" SF 0.3
COMBO "02RC25" COMBO "EZ" SF 1
COMBO "02RC26" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC26" LOAD "DL" SF 1.2
COMBO "02RC26" LOAD "SDL" SF 1.2
COMBO "02RC26" LOAD "LL" SF 1
COMBO "02RC26" LOAD "EYN" SF 0.3
COMBO "02RC26" COMBO "EZ" SF -1
COMBO "02RC27" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC27" LOAD "DL" SF 1.2
COMBO "02RC27" LOAD "SDL" SF 1.2
COMBO "02RC27" LOAD "LL" SF 1
COMBO "02RC27" LOAD "EXP" SF -0.3
COMBO "02RC27" COMBO "EZ" SF 1
COMBO "02RC28" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC28" LOAD "DL" SF 1.2
COMBO "02RC28" LOAD "SDL" SF 1.2
COMBO "02RC28" LOAD "LL" SF 1
COMBO "02RC28" LOAD "EXP" SF -0.3
COMBO "02RC28" COMBO "EZ" SF -1
COMBO "02RC29" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC29" LOAD "DL" SF 1.2
COMBO "02RC29" LOAD "SDL" SF 1.2
COMBO "02RC29" LOAD "LL" SF 1
COMBO "02RC29" LOAD "EYP" SF -0.3
COMBO "02RC29" COMBO "EZ" SF 1
COMBO "02RC30" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC30" LOAD "DL" SF 1.2
COMBO "02RC30" LOAD "SDL" SF 1.2
COMBO "02RC30" LOAD "LL" SF 1
COMBO "02RC30" LOAD "EYP" SF -0.3
COMBO "02RC30" COMBO "EZ" SF -1
COMBO "02RC31" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC31" LOAD "DL" SF 1.2
COMBO "02RC31" LOAD "SDL" SF 1.2
COMBO "02RC31" LOAD "LL" SF 1
COMBO "02RC31" LOAD "EXN" SF -0.3
COMBO "02RC31" COMBO "EZ" SF 1
COMBO "02RC32" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC32" LOAD "DL" SF 1.2
COMBO "02RC32" LOAD "SDL" SF 1.2
COMBO "02RC32" LOAD "LL" SF 1
COMBO "02RC32" LOAD "EXN" SF -0.3
COMBO "02RC32" COMBO "EZ" SF -1
COMBO "02RC33" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC33" LOAD "DL" SF 1.2
COMBO "02RC33" LOAD "SDL" SF 1.2
COMBO "02RC33" LOAD "LL" SF 1
COMBO "02RC33" LOAD "EYN" SF -0.3
COMBO "02RC33" COMBO "EZ" SF 1
COMBO "02RC34" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC34" LOAD "DL" SF 1.2
COMBO "02RC34" LOAD "SDL" SF 1.2
COMBO "02RC34" LOAD "LL" SF 1
COMBO "02RC34" LOAD "EYN" SF -0.3
COMBO "02RC34" COMBO "EZ" SF -1
COMBO "02RC35" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC35" LOAD "DL" SF 0.9
COMBO "02RC35" LOAD "SDL" SF 0.9
COMBO "02RC35" LOAD "EXP" SF 1
COMBO "02RC35" COMBO "EZ" SF 0.3
COMBO "02RC36" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC36" LOAD "DL" SF 0.9
COMBO "02RC36" LOAD "SDL" SF 0.9
COMBO "02RC36" LOAD "EXP" SF 1
COMBO "02RC36" COMBO "EZ" SF -0.3
COMBO "02RC37" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC37" LOAD "DL" SF 0.9
COMBO "02RC37" LOAD "SDL" SF 0.9
COMBO "02RC37" LOAD "EYP" SF 1
COMBO "02RC37" COMBO "EZ" SF 0.3
COMBO "02RC38" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC38" LOAD "DL" SF 0.9
COMBO "02RC38" LOAD "SDL" SF 0.9
COMBO "02RC38" LOAD "EYP" SF 1
COMBO "02RC38" COMBO "EZ" SF -0.3
COMBO "02RC39" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC39" LOAD "DL" SF 0.9
COMBO "02RC39" LOAD "SDL" SF 0.9
COMBO "02RC39" LOAD "EXN" SF 1
COMBO "02RC39" COMBO "EZ" SF 0.3
COMBO "02RC40" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC40" LOAD "DL" SF 0.9
COMBO "02RC40" LOAD "SDL" SF 0.9
COMBO "02RC40" LOAD "EXN" SF 1
COMBO "02RC40" COMBO "EZ" SF -0.3
COMBO "02RC41" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC41" LOAD "DL" SF 0.9
COMBO "02RC41" LOAD "SDL" SF 0.9
COMBO "02RC41" LOAD "EYN" SF 1
COMBO "02RC41" COMBO "EZ" SF 0.3
COMBO "02RC42" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC42" LOAD "DL" SF 0.9
COMBO "02RC42" LOAD "SDL" SF 0.9
COMBO "02RC42" LOAD "EYN" SF 1
COMBO "02RC42" COMBO "EZ" SF -0.3
COMBO "02RC43" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC43" LOAD "DL" SF 0.9
COMBO "02RC43" LOAD "SDL" SF 0.9
COMBO "02RC43" LOAD "EXP" SF -1
COMBO "02RC43" COMBO "EZ" SF 0.3
COMBO "02RC44" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC44" LOAD "DL" SF 0.9
COMBO "02RC44" LOAD "SDL" SF 0.9
COMBO "02RC44" LOAD "EXP" SF -1
COMBO "02RC44" COMBO "EZ" SF -0.3
COMBO "02RC45" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC45" LOAD "DL" SF 0.9
COMBO "02RC45" LOAD "SDL" SF 0.9
COMBO "02RC45" LOAD "EYP" SF -1
COMBO "02RC45" COMBO "EZ" SF 0.3
COMBO "02RC46" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC46" LOAD "DL" SF 0.9
COMBO "02RC46" LOAD "SDL" SF 0.9
COMBO "02RC46" LOAD "EYP" SF -1
COMBO "02RC46" COMBO "EZ" SF -0.3
COMBO "02RC47" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC47" LOAD "DL" SF 0.9
COMBO "02RC47" LOAD "SDL" SF 0.9
COMBO "02RC47" LOAD "EXN" SF -1
COMBO "02RC47" COMBO "EZ" SF 0.3
COMBO "02RC48" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC48" LOAD "DL" SF 0.9
COMBO "02RC48" LOAD "SDL" SF 0.9
COMBO "02RC48" LOAD "EXN" SF -1
COMBO "02RC48" COMBO "EZ" SF -0.3
COMBO "02RC49" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC49" LOAD "DL" SF 0.9
COMBO "02RC49" LOAD "SDL" SF 0.9
COMBO "02RC49" LOAD "EYN" SF -1
COMBO "02RC49" COMBO "EZ" SF 0.3
COMBO "02RC50" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC50" LOAD "DL" SF 0.9
COMBO "02RC50" LOAD "SDL" SF 0.9
COMBO "02RC50" LOAD "EYN" SF -1
COMBO "02RC50" COMBO "EZ" SF -0.3
COMBO "02RC51" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC51" LOAD "DL" SF 0.9
COMBO "02RC51" LOAD "SDL" SF 0.9
COMBO "02RC51" LOAD "EXP" SF 0.3
COMBO "02RC51" COMBO "EZ" SF 1
COMBO "02RC52" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC52" LOAD "DL" SF 0.9
COMBO "02RC52" LOAD "SDL" SF 0.9
COMBO "02RC52" LOAD "EXP" SF 0.3
COMBO "02RC52" COMBO "EZ" SF -1
COMBO "02RC53" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC53" LOAD "DL" SF 0.9
COMBO "02RC53" LOAD "SDL" SF 0.9
COMBO "02RC53" LOAD "EYP" SF 0.3
COMBO "02RC53" COMBO "EZ" SF 1
COMBO "02RC54" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC54" LOAD "DL" SF 0.9
COMBO "02RC54" LOAD "SDL" SF 0.9
COMBO "02RC54" LOAD "EYP" SF 0.3
COMBO "02RC54" COMBO "EZ" SF -1
COMBO "02RC55" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC55" LOAD "DL" SF 0.9
COMBO "02RC55" LOAD "SDL" SF 0.9
COMBO "02RC55" LOAD "EXN" SF 0.3
COMBO "02RC55" COMBO "EZ" SF 1
COMBO "02RC56" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC56" LOAD "DL" SF 0.9
COMBO "02RC56" LOAD "SDL" SF 0.9
COMBO "02RC56" LOAD "EXN" SF 0.3
COMBO "02RC56" COMBO "EZ" SF -1
COMBO "02RC57" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC57" LOAD "DL" SF 0.9
COMBO "02RC57" LOAD "SDL" SF 0.9
COMBO "02RC57" LOAD "EYN" SF 0.3
COMBO "02RC57" COMBO "EZ" SF 1
COMBO "02RC58" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC58" LOAD "DL" SF 0.9
COMBO "02RC58" LOAD "SDL" SF 0.9
COMBO "02RC58" LOAD "EYN" SF 0.3
COMBO "02RC58" COMBO "EZ" SF -1
COMBO "02RC59" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC59" LOAD "DL" SF 0.9
COMBO "02RC59" LOAD "SDL" SF 0.9
COMBO "02RC59" LOAD "EXP" SF -0.3
COMBO "02RC59" COMBO "EZ" SF 1
COMBO "02RC60" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC60" LOAD "DL" SF 0.9
COMBO "02RC60" LOAD "SDL" SF 0.9
COMBO "02RC60" LOAD "EXP" SF -0.3
COMBO "02RC60" COMBO "EZ" SF -1
COMBO "02RC61" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC61" LOAD "DL" SF 0.9
COMBO "02RC61" LOAD "SDL" SF 0.9
COMBO "02RC61" LOAD "EYP" SF -0.3
COMBO "02RC61" COMBO "EZ" SF 1
COMBO "02RC62" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC62" LOAD "DL" SF 0.9
COMBO "02RC62" LOAD "SDL" SF 0.9
COMBO "02RC62" LOAD "EYP" SF -0.3
COMBO "02RC62" COMBO "EZ" SF -1
COMBO "02RC63" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC63" LOAD "DL" SF 0.9
COMBO "02RC63" LOAD "SDL" SF 0.9
COMBO "02RC63" LOAD "EXN" SF -0.3
COMBO "02RC63" COMBO "EZ" SF 1
COMBO "02RC64" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC64" LOAD "DL" SF 0.9
COMBO "02RC64" LOAD "SDL" SF 0.9
COMBO "02RC64" LOAD "EXN" SF -0.3
COMBO "02RC64" COMBO "EZ" SF -1
COMBO "02RC65" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC65" LOAD "DL" SF 0.9
COMBO "02RC65" LOAD "SDL" SF 0.9
COMBO "02RC65" LOAD "EYN" SF -0.3
COMBO "02RC65" COMBO "EZ" SF 1
COMBO "02RC66" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC66" LOAD "DL" SF 0.9
COMBO "02RC66" LOAD "SDL" SF 0.9
COMBO "02RC66" LOAD "EYN" SF -0.3
COMBO "02RC66" COMBO "EZ" SF -1
COMBO "02RC67" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC67" LOAD "DL" SF 1.2
COMBO "02RC67" LOAD "SDL" SF 1.2
COMBO "02RC67" LOAD "LL" SF 1
COMBO "02RC67" LOAD "WX" SF 1.6
COMBO "02RC68" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC68" LOAD "DL" SF 1.2
COMBO "02RC68" LOAD "SDL" SF 1.2
COMBO "02RC68" LOAD "LL" SF 1
COMBO "02RC68" LOAD "WY" SF 1.6
COMBO "02RC69" TYPE "ADD"
COMBO "02RC69" LOAD "DL" SF 1.2
COMBO "02RC69" LOAD "SDL" SF 1.2
COMBO "02RC69" LOAD "LL" SF 1
COMBO "02RC69" LOAD "WX" SF -1.6
COMBO "02RC70" TYPE "ADD"
COMBO "02RC70" LOAD "DL" SF 1.2
COMBO "02RC70" LOAD "SDL" SF 1.2
COMBO "02RC70" LOAD "LL" SF 1
COMBO "02RC70" LOAD "WY" SF -1.6
COMBO "02RC71" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC71" LOAD "DL" SF 0.9
COMBO "02RC71" LOAD "SDL" SF 0.9
COMBO "02RC71" LOAD "WX" SF 1.6
COMBO "02RC72" TYPE "ADD" DESIGN "STEELSTRENGTH" DESIGN "CONCRETE"
COMBO "02RC72" LOAD "DL" SF 0.9
COMBO "02RC72" LOAD "SDL" SF 0.9
COMBO "02RC72" LOAD "WY" SF 1.6
COMBO "02RC73" TYPE "ADD"
COMBO "02RC73" LOAD "DL" SF 0.9
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COMBO "02RC73" LOAD "SDL" SF 0.9
COMBO "02RC73" LOAD "WX" SF -1.6
COMBO "02RC74" TYPE "ADD"
COMBO "02RC74" LOAD "DL" SF 0.9
COMBO "02RC74" LOAD "SDL" SF 0.9
COMBO "02RC74" LOAD "WY" SF -1.6
COMBO "BASE01" TYPE "ADD"
COMBO "BASE01" LOAD "DL" SF 1
COMBO "BASE01" LOAD "SDL" SF 1
COMBO "BASE01" LOAD "WAH" SF 1
COMBO "BASE02" TYPE "ADD"
COMBO "BASE02" LOAD "DL" SF 1
COMBO "BASE02" LOAD "SDL" SF 1
COMBO "BASE02" LOAD "WAN" SF 1
COMBO "BASE03" TYPE "ADD"
COMBO "BASE03" LOAD "DL" SF 1
COMBO "BASE03" LOAD "SDL" SF 1
COMBO "BASE03" LOAD "LL" SF 1
COMBO "BASE03" LOAD "WAH" SF 1
COMBO "BASE04" TYPE "ADD"
COMBO "BASE04" LOAD "DL" SF 1
COMBO "BASE04" LOAD "SDL" SF 1
COMBO "BASE04" LOAD "LL" SF 1
COMBO "BASE04" LOAD "WAN" SF 1
COMBO "BASE05" TYPE "ADD"
COMBO "BASE05" LOAD "DL" SF 1
COMBO "BASE05" LOAD "SDL" SF 1
COMBO "BASE05" LOAD "LL" SF 1
COMBO "BASE05" LOAD "EXP" SF 1
COMBO "BASE05" LOAD "WAH" SF 1
COMBO "BASE06" TYPE "ADD"
COMBO "BASE06" LOAD "DL" SF 1
COMBO "BASE06" LOAD "SDL" SF 1
COMBO "BASE06" LOAD "LL" SF 1
COMBO "BASE06" LOAD "EXP" SF 1
COMBO "BASE06" LOAD "WAN" SF 1
COMBO "BASE07" TYPE "ADD"
COMBO "BASE07" LOAD "DL" SF 1
COMBO "BASE07" LOAD "SDL" SF 1
COMBO "BASE07" LOAD "LL" SF 1
COMBO "BASE07" LOAD "EYP" SF 1
COMBO "BASE07" LOAD "WAH" SF 1
COMBO "BASE08" TYPE "ADD"
COMBO "BASE08" LOAD "DL" SF 1
COMBO "BASE08" LOAD "SDL" SF 1
COMBO "BASE08" LOAD "LL" SF 1
COMBO "BASE08" LOAD "EYP" SF 1
COMBO "BASE08" LOAD "WAN" SF 1
COMBO "BASE09" TYPE "ADD"
COMBO "BASE09" LOAD "DL" SF 1
COMBO "BASE09" LOAD "SDL" SF 1
COMBO "BASE09" LOAD "LL" SF 1
COMBO "BASE09" LOAD "EXN" SF 1
COMBO "BASE09" LOAD "WAH" SF 1
COMBO "BASE10" TYPE "ADD"
COMBO "BASE10" LOAD "DL" SF 1
COMBO "BASE10" LOAD "SDL" SF 1
COMBO "BASE10" LOAD "LL" SF 1
COMBO "BASE10" LOAD "EXN" SF 1
COMBO "BASE10" LOAD "WAN" SF 1
COMBO "BASE11" TYPE "ADD"
COMBO "BASE11" LOAD "DL" SF 1
COMBO "BASE11" LOAD "SDL" SF 1
COMBO "BASE11" LOAD "LL" SF 1
COMBO "BASE11" LOAD "EYN" SF 1
COMBO "BASE11" LOAD "WAH" SF 1
COMBO "BASE12" TYPE "ADD"
COMBO "BASE12" LOAD "DL" SF 1
COMBO "BASE12" LOAD "SDL" SF 1
COMBO "BASE12" LOAD "LL" SF 1
COMBO "BASE12" LOAD "EYN" SF 1
COMBO "BASE12" LOAD "WAN" SF 1
COMBO "BASE13" TYPE "ADD"
COMBO "BASE13" LOAD "DL" SF 1
COMBO "BASE13" LOAD "SDL" SF 1
COMBO "BASE13" LOAD "LL" SF 1
COMBO "BASE13" LOAD "EXP" SF -1
COMBO "BASE13" LOAD "WAH" SF 1
COMBO "BASE14" TYPE "ADD"
COMBO "BASE14" LOAD "DL" SF 1
COMBO "BASE14" LOAD "SDL" SF 1
COMBO "BASE14" LOAD "LL" SF 1
COMBO "BASE14" LOAD "EXP" SF -1
COMBO "BASE14" LOAD "WAN" SF 1
COMBO "BASE15" TYPE "ADD"
COMBO "BASE15" LOAD "DL" SF 1
COMBO "BASE15" LOAD "SDL" SF 1
COMBO "BASE15" LOAD "LL" SF 1
COMBO "BASE15" LOAD "EYP" SF -1
COMBO "BASE15" LOAD "WAH" SF 1
COMBO "BASE16" TYPE "ADD"
COMBO "BASE16" LOAD "DL" SF 1
COMBO "BASE16" LOAD "SDL" SF 1
COMBO "BASE16" LOAD "LL" SF 1
COMBO "BASE16" LOAD "EYP" SF -1
COMBO "BASE16" LOAD "WAN" SF 1
COMBO "BASE17" TYPE "ADD"
COMBO "BASE17" LOAD "DL" SF 1
COMBO "BASE17" LOAD "SDL" SF 1
COMBO "BASE17" LOAD "LL" SF 1
COMBO "BASE17" LOAD "EXN" SF -1
COMBO "BASE17" LOAD "WAH" SF 1
COMBO "BASE18" TYPE "ADD"
COMBO "BASE18" LOAD "DL" SF 1
COMBO "BASE18" LOAD "SDL" SF 1
COMBO "BASE18" LOAD "LL" SF 1
COMBO "BASE18" LOAD "EXN" SF -1
COMBO "BASE18" LOAD "WAN" SF 1
COMBO "BASE19" TYPE "ADD"
COMBO "BASE19" LOAD "DL" SF 1
COMBO "BASE19" LOAD "SDL" SF 1
COMBO "BASE19" LOAD "LL" SF 1
COMBO "BASE19" LOAD "EYN" SF -1
COMBO "BASE19" LOAD "WAH" SF 1
COMBO "BASE20" TYPE "ADD"
COMBO "BASE20" LOAD "DL" SF 1
COMBO "BASE20" LOAD "SDL" SF 1
COMBO "BASE20" LOAD "LL" SF 1
COMBO "BASE20" LOAD "EYN" SF -1
COMBO "BASE20" LOAD "WAN" SF 1
COMBO "BASE21" TYPE "ADD"
COMBO "BASE21" LOAD "DL" SF 1.4
COMBO "BASE21" LOAD "SDL" SF 1.4
COMBO "BASE21" LOAD "WAH" SF 1.4
COMBO "BASE22" TYPE "ADD"
COMBO "BASE22" LOAD "DL" SF 1.4
COMBO "BASE22" LOAD "SDL" SF 1.4
COMBO "BASE22" LOAD "WAN" SF 1.4
COMBO "BASE23" TYPE "ADD"
COMBO "BASE23" LOAD "DL" SF 1.2
COMBO "BASE23" LOAD "SDL" SF 1.2
COMBO "BASE23" LOAD "LL" SF 1.6
COMBO "BASE23" LOAD "WAH" SF 1.2
COMBO "BASE24" TYPE "ADD"
COMBO "BASE24" LOAD "DL" SF 1.2
COMBO "BASE24" LOAD "SDL" SF 1.2
COMBO "BASE24" LOAD "LL" SF 1.6
COMBO "BASE24" LOAD "WAN" SF 1.2
COMBO "BASE25" TYPE "ADD"
COMBO "BASE25" LOAD "DL" SF 1.2
COMBO "BASE25" LOAD "SDL" SF 1.2
COMBO "BASE25" LOAD "LL" SF 1
COMBO "BASE25" LOAD "EXP" SF 1.4
COMBO "BASE26" TYPE "ADD"
COMBO "BASE26" LOAD "DL" SF 1.2
COMBO "BASE26" LOAD "SDL" SF 1.2
COMBO "BASE26" LOAD "LL" SF 1
COMBO "BASE26" LOAD "EYP" SF 1.4
COMBO "BASE27" TYPE "ADD"
COMBO "BASE27" LOAD "DL" SF 1.2
COMBO "BASE27" LOAD "SDL" SF 1.2
COMBO "BASE27" LOAD "LL" SF 1
COMBO "BASE27" LOAD "EXN" SF 1.4
COMBO "BASE28" TYPE "ADD"
COMBO "BASE28" LOAD "DL" SF 1.2
COMBO "BASE28" LOAD "SDL" SF 1.2
COMBO "BASE28" LOAD "LL" SF 1
COMBO "BASE28" LOAD "EYN" SF 1.4
COMBO "BASE29" TYPE "ADD"
COMBO "BASE29" LOAD "DL" SF 1.2
COMBO "BASE29" LOAD "SDL" SF 1.2
COMBO "BASE29" LOAD "LL" SF 1
COMBO "BASE29" LOAD "EXP" SF -1.4
COMBO "BASE30" TYPE "ADD"
COMBO "BASE30" LOAD "DL" SF 1.2
COMBO "BASE30" LOAD "SDL" SF 1.2
COMBO "BASE30" LOAD "LL" SF 1
COMBO "BASE30" LOAD "EYP" SF -1.4
COMBO "BASE31" TYPE "ADD"
COMBO "BASE31" LOAD "DL" SF 1.2
COMBO "BASE31" LOAD "SDL" SF 1.2
COMBO "BASE31" LOAD "LL" SF 1
COMBO "BASE31" LOAD "EXN" SF -1.4
COMBO "BASE32" TYPE "ADD"
COMBO "BASE32" LOAD "DL" SF 1.2
COMBO "BASE32" LOAD "SDL" SF 1.2
COMBO "BASE32" LOAD "LL" SF 1
COMBO "BASE32" LOAD "EYN" SF -1.4
COMBO "BASE33" TYPE "ADD"
COMBO "BASE33" LOAD "DL" SF 0.9
COMBO "BASE33" LOAD "SDL" SF 0.9
COMBO "BASE33" LOAD "EXP" SF 1.4
COMBO "BASE34" TYPE "ADD"
COMBO "BASE34" LOAD "DL" SF 0.9
COMBO "BASE34" LOAD "SDL" SF 0.9
COMBO "BASE34" LOAD "EYP" SF 1.4
COMBO "BASE35" TYPE "ADD"
COMBO "BASE35" LOAD "DL" SF 0.9
COMBO "BASE35" LOAD "SDL" SF 0.9
COMBO "BASE35" LOAD "EXN" SF 1.4
COMBO "BASE36" TYPE "ADD"
COMBO "BASE36" LOAD "DL" SF 0.9
COMBO "BASE36" LOAD "SDL" SF 0.9
COMBO "BASE36" LOAD "EYN" SF 1.4
COMBO "BASE37" TYPE "ADD"
COMBO "BASE37" LOAD "DL" SF 0.9
COMBO "BASE37" LOAD "SDL" SF 0.9
COMBO "BASE37" LOAD "EXP" SF -1.4
COMBO "BASE38" TYPE "ADD"
COMBO "BASE38" LOAD "DL" SF 0.9
COMBO "BASE38" LOAD "SDL" SF 0.9
COMBO "BASE38" LOAD "EYP" SF -1.4
COMBO "BASE39" TYPE "ADD"
COMBO "BASE39" LOAD "DL" SF 0.9
COMBO "BASE39" LOAD "SDL" SF 0.9
COMBO "BASE39" LOAD "EXN" SF -1.4
COMBO "BASE40" TYPE "ADD"
COMBO "BASE40" LOAD "DL" SF 0.9
COMBO "BASE40" LOAD "SDL" SF 0.9
COMBO "BASE40" LOAD "EYN" SF -1.4
COMBO "ASD01" TYPE "ADD"
COMBO "ASD01" LOAD "DL" SF 1
COMBO "ASD01" LOAD "SDL" SF 1
COMBO "ASD01" LOAD "LL" SF 1
COMBO "ASD02" TYPE "ADD"
COMBO "ASD02" LOAD "DL" SF 1
COMBO "ASD02" LOAD "SDL" SF 1
COMBO "ASD02" LOAD "LL" SF 1
COMBO "ASD02" LOAD "EXP" SF 0.8
COMBO "ASD03" TYPE "ADD"
COMBO "ASD03" LOAD "DL" SF 1
COMBO "ASD03" LOAD "SDL" SF 1
COMBO "ASD03" LOAD "LL" SF 1
COMBO "ASD03" LOAD "EYP" SF 0.8
COMBO "ASD04" TYPE "ADD"
COMBO "ASD04" LOAD "DL" SF 1
COMBO "ASD04" LOAD "SDL" SF 1
COMBO "ASD04" LOAD "LL" SF 1
COMBO "ASD04" LOAD "EXP" SF -0.8
COMBO "ASD05" TYPE "ADD"
COMBO "ASD05" LOAD "DL" SF 1
COMBO "ASD05" LOAD "SDL" SF 1
COMBO "ASD05" LOAD "LL" SF 1
COMBO "ASD05" LOAD "EYP" SF -0.8
COMBO "ASD06" TYPE "ADD"
COMBO "ASD06" LOAD "DL" SF 1
COMBO "ASD06" LOAD "SDL" SF 1
COMBO "ASD06" LOAD "LL" SF 1
COMBO "ASD06" LOAD "WX" SF 1.25
COMBO "ASD07" TYPE "ADD"
COMBO "ASD07" LOAD "DL" SF 1
COMBO "ASD07" LOAD "SDL" SF 1
COMBO "ASD07" LOAD "LL" SF 1
COMBO "ASD07" LOAD "WY" SF 1.25
COMBO "ASD08" TYPE "ADD"
COMBO "ASD08" LOAD "DL" SF 1
COMBO "ASD08" LOAD "SDL" SF 1
COMBO "ASD08" LOAD "LL" SF 1
COMBO "ASD08" LOAD "WX" SF -1.25
COMBO "ASD09" TYPE "ADD"
COMBO "ASD09" LOAD "DL" SF 1
COMBO "ASD09" LOAD "SDL" SF 1
COMBO "ASD09" LOAD "LL" SF 1
COMBO "ASD09" LOAD "WY" SF -1.25
COMBO "ASD10" TYPE "ADD"
COMBO "ASD10" LOAD "DL" SF 0.9
COMBO "ASD10" LOAD "SDL" SF 0.9
COMBO "ASD10" LOAD "EXP" SF 0.8
COMBO "ASD11" TYPE "ADD"
COMBO "ASD11" LOAD "DL" SF 0.9
COMBO "ASD11" LOAD "SDL" SF 0.9
COMBO "ASD11" LOAD "EYP" SF 0.8
COMBO "ASD12" TYPE "ADD"
COMBO "ASD12" LOAD "DL" SF 0.9
COMBO "ASD12" LOAD "SDL" SF 0.9
COMBO "ASD12" LOAD "EXP" SF -0.8
COMBO "ASD13" TYPE "ADD"
COMBO "ASD13" LOAD "DL" SF 0.9
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"
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COMBO "DSTLS6" LOAD "DL" SF 1.2
COMBO "DSTLS6" LOAD "SDL" SF 1.2
COMBO "DSTLS6" LOAD "LL" SF 0.5
COMBO "DSTLS6" LOAD "WY" SF -1.3
COMBO "DSTLS7" TYPE "ADD"
COMBO "DSTLS7" LOAD "DL" SF 1.2
COMBO "DSTLS7" LOAD "SDL" SF 1.2
COMBO "DSTLS7" LOAD "WX" SF 1.3
COMBO "DSTLS8" TYPE "ADD"
COMBO "DSTLS8" LOAD "DL" SF 1.2
COMBO "DSTLS8" LOAD "SDL" SF 1.2
COMBO "DSTLS8" LOAD "WX" SF -1.3
COMBO "DSTLS9" TYPE "ADD"
COMBO "DSTLS9" LOAD "DL" SF 1.2
COMBO "DSTLS9" LOAD "SDL" SF 1.2
COMBO "DSTLS9" LOAD "WY" SF 1.3
COMBO "DSTLS10" TYPE "ADD"
COMBO "DSTLS10" LOAD "DL" SF 1.2
COMBO "DSTLS10" LOAD "SDL" SF 1.2
COMBO "DSTLS10" LOAD "WY" SF -1.3
COMBO "DSTLS11" TYPE "ADD"
COMBO "DSTLS11" LOAD "DL" SF 0.9
COMBO "DSTLS11" LOAD "SDL" SF 0.9
COMBO "DSTLS11" LOAD "WX" SF 1.3
COMBO "DSTLS12" TYPE "ADD"
COMBO "DSTLS12" LOAD "DL" SF 0.9
COMBO "DSTLS12" LOAD "SDL" SF 0.9
COMBO "DSTLS12" LOAD "WX" SF -1.3
COMBO "DSTLS13" TYPE "ADD"
COMBO "DSTLS13" LOAD "DL" SF 0.9
COMBO "DSTLS13" LOAD "SDL" SF 0.9
COMBO "DSTLS13" LOAD "WY" SF 1.3
COMBO "DSTLS14" TYPE "ADD"
COMBO "DSTLS14" LOAD "DL" SF 0.9
COMBO "DSTLS14" LOAD "SDL" SF 0.9
COMBO "DSTLS14" LOAD "WY" SF -1.3
COMBO "DSTLS15" TYPE "ADD"
COMBO "DSTLS15" LOAD "DL" SF 1.4
COMBO "DSTLS15" LOAD "SDL" SF 1.4
COMBO "DSTLS15" LOAD "LL" SF 0.5
COMBO "DSTLS15" LOAD "EXP" SF 1.5
COMBO "DSTLS16" TYPE "ADD"
COMBO "DSTLS16" LOAD "DL" SF 1.4
COMBO "DSTLS16" LOAD "SDL" SF 1.4
COMBO "DSTLS16" LOAD "LL" SF 0.5
COMBO "DSTLS16" LOAD "EXP" SF -1.5
COMBO "DSTLS17" TYPE "ADD"
COMBO "DSTLS17" LOAD "DL" SF 1.4
COMBO "DSTLS17" LOAD "SDL" SF 1.4
COMBO "DSTLS17" LOAD "LL" SF 0.5
COMBO "DSTLS17" LOAD "EYP" SF 1.5
COMBO "DSTLS18" TYPE "ADD"
COMBO "DSTLS18" LOAD "DL" SF 1.4
COMBO "DSTLS18" LOAD "SDL" SF 1.4
COMBO "DSTLS18" LOAD "LL" SF 0.5
COMBO "DSTLS18" LOAD "EYP" SF -1.5
COMBO "DSTLS19" TYPE "ADD"
COMBO "DSTLS19" LOAD "DL" SF 1.4
COMBO "DSTLS19" LOAD "SDL" SF 1.4
COMBO "DSTLS19" LOAD "LL" SF 0.5
COMBO "DSTLS19" LOAD "EXN" SF 1.5
COMBO "DSTLS20" TYPE "ADD"
COMBO "DSTLS20" LOAD "DL" SF 1.4
COMBO "DSTLS20" LOAD "SDL" SF 1.4
COMBO "DSTLS20" LOAD "LL" SF 0.5
COMBO "DSTLS20" LOAD "EXN" SF -1.5
COMBO "DSTLS21" TYPE "ADD"
COMBO "DSTLS21" LOAD "DL" SF 1.4
COMBO "DSTLS21" LOAD "SDL" SF 1.4
COMBO "DSTLS21" LOAD "LL" SF 0.5
COMBO "DSTLS21" LOAD "EYN" SF 1.5
COMBO "DSTLS22" TYPE "ADD"
COMBO "DSTLS22" LOAD "DL" SF 1.4
COMBO "DSTLS22" LOAD "SDL" SF 1.4
COMBO "DSTLS22" LOAD "LL" SF 0.5
COMBO "DSTLS22" LOAD "EYN" SF -1.5
COMBO "DSTLS23" TYPE "ADD"
COMBO "DSTLS23" LOAD "DL" SF 1.4
COMBO "DSTLS23" LOAD "SDL" SF 1.4
COMBO "DSTLS23" LOAD "EXP" SF 1.5
COMBO "DSTLS24" TYPE "ADD"
COMBO "DSTLS24" LOAD "DL" SF 1.4
COMBO "DSTLS24" LOAD "SDL" SF 1.4
COMBO "DSTLS24" LOAD "EXP" SF -1.5
COMBO "DSTLS25" TYPE "ADD"
COMBO "DSTLS25" LOAD "DL" SF 1.4
COMBO "DSTLS25" LOAD "SDL" SF 1.4
COMBO "DSTLS25" LOAD "EYP" SF 1.5
COMBO "DSTLS26" TYPE "ADD"
COMBO "DSTLS26" LOAD "DL" SF 1.4
COMBO "DSTLS26" LOAD "SDL" SF 1.4
COMBO "DSTLS26" LOAD "EYP" SF -1.5
COMBO "DSTLS27" TYPE "ADD"
COMBO "DSTLS27" LOAD "DL" SF 1.4
COMBO "DSTLS27" LOAD "SDL" SF 1.4
COMBO "DSTLS27" LOAD "EXN" SF 1.5
COMBO "DSTLS28" TYPE "ADD"
COMBO "DSTLS28" LOAD "DL" SF 1.4
COMBO "DSTLS28" LOAD "SDL" SF 1.4
COMBO "DSTLS28" LOAD "EXN" SF -1.5
COMBO "DSTLS29" TYPE "ADD"
COMBO "DSTLS29" LOAD "DL" SF 1.4
COMBO "DSTLS29" LOAD "SDL" SF 1.4
COMBO "DSTLS29" LOAD "EYN" SF 1.5
COMBO "DSTLS30" TYPE "ADD"
COMBO "DSTLS30" LOAD "DL" SF 1.4
COMBO "DSTLS30" LOAD "SDL" SF 1.4
COMBO "DSTLS30" LOAD "EYN" SF -1.5
COMBO "DSTLS31" TYPE "ADD"
COMBO "DSTLS31" LOAD "DL" SF 0.7
COMBO "DSTLS31" LOAD "SDL" SF 0.7
COMBO "DSTLS31" LOAD "EXP" SF 1.5
COMBO "DSTLS32" TYPE "ADD"
COMBO "DSTLS32" LOAD "DL" SF 0.7
COMBO "DSTLS32" LOAD "SDL" SF 0.7
COMBO "DSTLS32" LOAD "EXP" SF -1.5
COMBO "DSTLS33" TYPE "ADD"
COMBO "DSTLS33" LOAD "DL" SF 0.7
COMBO "DSTLS33" LOAD "SDL" SF 0.7
COMBO "DSTLS33" LOAD "EYP" SF 1.5
COMBO "DSTLS34" TYPE "ADD"
COMBO "DSTLS34" LOAD "DL" SF 0.7
COMBO "DSTLS34" LOAD "SDL" SF 0.7
COMBO "DSTLS34" LOAD "EYP" SF -1.5
COMBO "DSTLS35" TYPE "ADD"
COMBO "DSTLS35" LOAD "DL" SF 0.7
COMBO "DSTLS35" LOAD "SDL" SF 0.7
COMBO "DSTLS35" LOAD "EXN" SF 1.5
COMBO "DSTLS36" TYPE "ADD"
COMBO "DSTLS36" LOAD "DL" SF 0.7
COMBO "DSTLS36" LOAD "SDL" SF 0.7
COMBO "DSTLS36" LOAD "EXN" SF -1.5
COMBO "DSTLS37" TYPE "ADD"
COMBO "DSTLS37" LOAD "DL" SF 0.7
COMBO "DSTLS37" LOAD "SDL" SF 0.7
COMBO "DSTLS37" LOAD "EYN" SF 1.5
COMBO "DSTLS38" TYPE "ADD"
COMBO "DSTLS38" LOAD "DL" SF 0.7
COMBO "DSTLS38" LOAD "SDL" SF 0.7
COMBO "DSTLS38" LOAD "EYN" SF -1.5
COMBO "DCON1" TYPE "ADD"
COMBO "DCON1" LOAD "DL" SF 1.4
COMBO "DCON1" LOAD "SDL" SF 1.4
COMBO "DCON2" TYPE "ADD"
COMBO "DCON2" LOAD "DL" SF 1.2
COMBO "DCON2" LOAD "SDL" SF 1.2
COMBO "DCON2" LOAD "LL" SF 1.6
COMBO "DCON3" TYPE "ADD"
COMBO "DCON3" LOAD "DL" SF 1.2
COMBO "DCON3" LOAD "SDL" SF 1.2
COMBO "DCON3" LOAD "LL" SF 1
COMBO "DCON3" LOAD "WX" SF 1.6
COMBO "DCON4" TYPE "ADD"
COMBO "DCON4" LOAD "DL" SF 1.2
COMBO "DCON4" LOAD "SDL" SF 1.2
COMBO "DCON4" LOAD "LL" SF 1
COMBO "DCON4" LOAD "WX" SF -1.6
COMBO "DCON5" TYPE "ADD"
COMBO "DCON5" LOAD "DL" SF 1.2
COMBO "DCON5" LOAD "SDL" SF 1.2
COMBO "DCON5" LOAD "LL" SF 1
COMBO "DCON5" LOAD "WY" SF 1.6
COMBO "DCON6" TYPE "ADD"
COMBO "DCON6" LOAD "DL" SF 1.2
COMBO "DCON6" LOAD "SDL" SF 1.2
COMBO "DCON6" LOAD "LL" SF 1
COMBO "DCON6" LOAD "WY" SF -1.6
COMBO "DCON7" TYPE "ADD"
COMBO "DCON7" LOAD "DL" SF 1.2
COMBO "DCON7" LOAD "SDL" SF 1.2
COMBO "DCON7" LOAD "WX" SF 0.8
COMBO "DCON8" TYPE "ADD"
COMBO "DCON8" LOAD "DL" SF 1.2
COMBO "DCON8" LOAD "SDL" SF 1.2
COMBO "DCON8" LOAD "WX" SF -0.8
COMBO "DCON9" TYPE "ADD"
COMBO "DCON9" LOAD "DL" SF 1.2
COMBO "DCON9" LOAD "SDL" SF 1.2
COMBO "DCON9" LOAD "WY" SF 0.8
COMBO "DCON10" TYPE "ADD"
COMBO "DCON10" LOAD "DL" SF 1.2
COMBO "DCON10" LOAD "SDL" SF 1.2
COMBO "DCON10" LOAD "WY" SF -0.8
COMBO "DCON11" TYPE "ADD"
COMBO "DCON11" LOAD "DL" SF 0.9
COMBO "DCON11" LOAD "SDL" SF 0.9
COMBO "DCON11" LOAD "WX" SF 1.6
COMBO "DCON12" TYPE "ADD"
COMBO "DCON12" LOAD "DL" SF 0.9
COMBO "DCON12" LOAD "SDL" SF 0.9
COMBO "DCON12" LOAD "WX" SF -1.6
COMBO "DCON13" TYPE "ADD"
COMBO "DCON13" LOAD "DL" SF 0.9
COMBO "DCON13" LOAD "SDL" SF 0.9
COMBO "DCON13" LOAD "WY" SF 1.6
COMBO "DCON14" TYPE "ADD"
COMBO "DCON14" LOAD "DL" SF 0.9
COMBO "DCON14" LOAD "SDL" SF 0.9
COMBO "DCON14" LOAD "WY" SF -1.6
COMBO "DCON15" TYPE "ADD"
COMBO "DCON15" LOAD "DL" SF 1.4
COMBO "DCON15" LOAD "SDL" SF 1.4
COMBO "DCON15" LOAD "LL" SF 1
COMBO "DCON15" LOAD "EXP" SF 1.5
COMBO "DCON16" TYPE "ADD"
COMBO "DCON16" LOAD "DL" SF 1.4
COMBO "DCON16" LOAD "SDL" SF 1.4
COMBO "DCON16" LOAD "LL" SF 1
COMBO "DCON16" LOAD "EXP" SF -1.5
COMBO "DCON17" TYPE "ADD"
COMBO "DCON17" LOAD "DL" SF 1.4
COMBO "DCON17" LOAD "SDL" SF 1.4
COMBO "DCON17" LOAD "LL" SF 1
COMBO "DCON17" LOAD "EYP" SF 1.5
COMBO "DCON18" TYPE "ADD"
COMBO "DCON18" LOAD "DL" SF 1.4
COMBO "DCON18" LOAD "SDL" SF 1.4
COMBO "DCON18" LOAD "LL" SF 1
COMBO "DCON18" LOAD "EYP" SF -1.5
COMBO "DCON19" TYPE "ADD"
COMBO "DCON19" LOAD "DL" SF 1.4
COMBO "DCON19" LOAD "SDL" SF 1.4
COMBO "DCON19" LOAD "LL" SF 1
COMBO "DCON19" LOAD "EXN" SF 1.5
COMBO "DCON20" TYPE "ADD"
COMBO "DCON20" LOAD "DL" SF 1.4
COMBO "DCON20" LOAD "SDL" SF 1.4
COMBO "DCON20" LOAD "LL" SF 1
COMBO "DCON20" LOAD "EXN" SF -1.5
COMBO "DCON21" TYPE "ADD"
COMBO "DCON21" LOAD "DL" SF 1.4
COMBO "DCON21" LOAD "SDL" SF 1.4
COMBO "DCON21" LOAD "LL" SF 1
COMBO "DCON21" LOAD "EYN" SF 1.5
COMBO "DCON22" TYPE "ADD"
COMBO "DCON22" LOAD "DL" SF 1.4
COMBO "DCON22" LOAD "SDL" SF 1.4
COMBO "DCON22" LOAD "LL" SF 1
COMBO "DCON22" LOAD "EYN" SF -1.5
COMBO "DCON23" TYPE "ADD"
COMBO "DCON23" LOAD "DL" SF 1.4
COMBO "DCON23" LOAD "SDL" SF 1.4
COMBO "DCON23" LOAD "EXP" SF 1.5
COMBO "DCON24" TYPE "ADD"
COMBO "DCON24" LOAD "DL" SF 1.4
COMBO "DCON24" LOAD "SDL" SF 1.4
COMBO "DCON24" LOAD "EXP" SF -1.5
COMBO "DCON25" TYPE "ADD"
COMBO "DCON25" LOAD "DL" SF 1.4
COMBO "DCON25" LOAD "SDL" SF 1.4
COMBO "DCON25" LOAD "EYP" SF 1.5
COMBO "DCON26" TYPE "ADD"
COMBO "DCON26" LOAD "DL" SF 1.4
COMBO "DCON26" LOAD "SDL" SF 1.4
COMBO "DCON26" LOAD "EYP" SF -1.5
COMBO "DCON27" TYPE "ADD"
COMBO "DCON27" LOAD "DL" SF 1.4
COMBO "DCON27" LOAD "SDL" SF 1.4
COMBO "DCON27" LOAD "EXN" SF 1.5
COMBO "DCON28" TYPE "ADD"
COMBO "DCON28" LOAD "DL" SF 1.4
COMBO "DCON28" LOAD "SDL" SF 1.4
COMBO "DCON28" LOAD "EXN" SF -1.5
COMBO "DCON29" TYPE "ADD"
COMBO "DCON29" LOAD "DL" SF 1.4
COMBO "DCON29" LOAD "SDL" SF 1.4
COMBO "DCON29" LOAD "EYN" SF 1.5
COMBO "DCON30" TYPE "ADD"
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
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  STEELPREFERENCE  CAMBERABSMAXLIMIT 10.16 CAMBERINTERVAL 0.635 CAMBERROUNDDOWN "YES"
  STEELPREFERENCE  PATTERNLLF 0.75 MAXITERATION 1 SRLIMIT 1.05

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

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

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

$ DIMENSION LINES

$ LOG
  STARTCOMMENTS
ETABS Display 9.5.0 File imported from  E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.$ET at  2022/8/4 上午 11:12:12
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 上午 11:22:48
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:39:27
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:40:26
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:41:18
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:42:28
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:44:15
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:47:36
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:49:25
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:50:36
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:51:35
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:51:47
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-1\220804\220BA-SC1-1-220804-001.EDB at 2022/8/4 下午 05:56:02
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:25:15
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:25:38
ETABS Display 9.5.0 File imported from  E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.$ET at  2022/8/4 下午 09:25:46
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:25:53
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:28:29
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:28:41
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:29:08
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:31:27
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC1-2\220804\220BA-SC1-2-220804-001.EDB at 2022/8/4 下午 09:31:36
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 06:29:31
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 09:05:27
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 09:20:11
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 09:22:00
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 09:25:18
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 09:26:44
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 09:27:24
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 10:06:51
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 10:25:48
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC3-2\220810\220BA-SC3-2-220810-001.EDB at 2022/8/10 下午 10:27:53
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/11 下午 08:30:33
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/11 下午 09:30:32
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/11 下午 09:36:54
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/11 下午 09:43:40
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/11 下午 11:21:16
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/12 上午 09:41:04
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/12 上午 09:41:46
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/12 上午 09:44:47
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/12 上午 09:44:54
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-1\220811\220BA-SC2-1-220811-001.EDB at 2022/8/12 上午 09:45:32
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/12 上午 09:45:57
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/12 上午 09:46:24
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/12 上午 09:46:31
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/12 上午 11:15:16
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/12 上午 11:45:59
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/12 上午 11:46:25
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/12 上午 11:46:32
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/12 上午 11:52:58
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/12 上午 11:53:54
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/13 下午 03:41:30
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/13 下午 03:51:00
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/13 下午 03:51:26
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/13 下午 04:06:17
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/14 下午 10:03:13
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/14 下午 10:03:27
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/14 下午 10:08:39
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/14 下午 10:08:49
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/14 下午 10:09:39
ETABS Nonlinear 9.5.0 File saved as E:\WORK\2022\220BA\MODEL\ETABS\SC2-2\220812\220BA-SC2-2-220812-001.EDB at 2022/8/14 下午 10:10:49
  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
2F	C1-1	U100X100X2.0	MOMENT	1.000	0.950	0.950	1.559	1.000
2F	C2-1	U100X100X2.0	MOMENT	1.000	0.950	0.950	1.442	1.000
2F	C3-1	U100X100X2.0	MOMENT	1.000	0.950	0.950	1.445	1.000
2F	C4-1	U100X100X2.0	MOMENT	1.000	0.950	0.950	1.566	1.000
2F	C5	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.832	1.898
PRF	C5-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	2.336	2.946
2F	C6	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C6-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C7	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.556	1.532
PRF	C7-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.653	2.217
2F	C8	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.566	1.532
PRF	C8-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.672	2.217
2F	C9	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.571	1.898
PRF	C9-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.681	2.946
2F	C10	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C10-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C11	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.709	1.898
PRF	C11-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.985	2.946
2F	C12	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C12-1	U100X100X2.0	MOMENT	1.000	1.000	0.861	1.000	1.000
2F	C13	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C13-1	U100X100X2.0	MOMENT	1.000	1.000	0.861	1.000	1.000
2F	C14	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C14-1	U100X100X2.0	MOMENT	1.000	1.000	0.861	1.000	1.000
2F	C15	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C15-1	U100X100X2.0	MOMENT	1.000	1.000	0.861	1.000	1.000
2F	C16	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C17	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.786	1.609
PRF	C17-1	U100X100X2.0	MOMENT	1.000	0.726	0.726	3.792	3.095
2F	C18	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C18-1	U100X100X2.0	MOMENT	1.000	0.726	1.000	1.000	1.000
2F	C19	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.514	1.609
PRF	C19-1	U100X100X2.0	MOMENT	1.000	0.726	0.726	2.809	3.095
2F	C20	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.524	1.609
PRF	C20-1	U100X100X2.0	MOMENT	1.000	0.726	0.726	2.835	3.095
2F	C21	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.528	1.609
PRF	C21-1	U100X100X2.0	MOMENT	1.000	0.726	0.726	2.846	3.095
2F	C22	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C22-1	U100X100X2.0	MOMENT	1.000	0.726	1.000	1.000	1.000
2F	C23	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.662	1.609
PRF	C23-1	U100X100X2.0	MOMENT	1.000	0.726	0.726	3.277	3.095
2F	C24	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C24-1	U100X100X2.0	MOMENT	1.000	1.000	0.861	1.000	1.000
2F	C25	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C25-1	U100X100X2.0	MOMENT	1.000	1.000	0.861	1.000	1.000
2F	C26	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C26-1	U100X100X2.0	MOMENT	1.000	1.000	0.861	1.000	1.000
2F	C27	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C27-1	U100X100X2.0	MOMENT	1.000	1.000	0.861	1.000	1.000
2F	C28	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C28-1	U100X100X2.0	MOMENT	1.000	1.000	0.861	1.000	1.000
2F	C29	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.832	1.827
PRF	C29-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	2.336	2.782
2F	C30	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C30-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C31	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.556	1.827
PRF	C31-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.653	2.782
2F	C32	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.566	1.827
PRF	C32-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.672	2.782
2F	C33	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.571	1.827
PRF	C33-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.681	2.782
2F	C34	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	C34-1	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	C35	U100X100X2.0	MOMENT	1.000	0.962	0.962	1.709	1.827
PRF	C35-1	U100X100X2.0	MOMENT	1.000	0.957	0.957	1.985	2.782
2F	C36-1	U100X100X2.0	MOMENT	1.000	0.953	0.953	1.697	1.000
2F	C37-1	U100X100X2.0	MOMENT	1.000	0.953	0.953	1.432	1.000
2F	C38-1	U100X100X2.0	MOMENT	1.000	0.953	0.953	1.550	1.000

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

STORY LEVEL	BEAM BAY	SECTION ID	FRAMING TYPE	RLLF FACTOR	L_RATIO MAJOR	L_RATIO MINOR	K MAJOR	K MINOR
2F	B1	2SC125X50X20	MOMENT	1.000	0.950	0.950	1.000	1.000
2F	B2	2SC125X50X20	MOMENT	1.000	0.971	0.971	1.000	1.000
2F	B4	2SC125X50X20	MOMENT	1.000	0.951	0.951	1.000	1.000
2F	B5	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B6	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B7	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B8	2SC125X50X20	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B9	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B10	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B11	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B14	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B15	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B16	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B17	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B18	2SC125X50X20	MOMENT	1.000	0.965	0.333	1.000	1.000
2F	B19	2SC125X50X20	MOMENT	1.000	0.965	0.333	1.000	1.000
2F	B20	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B21	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B22	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B23	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B24	2SC125X50X20	MOMENT	1.000	0.597	0.968	1.000	1.000
PRF	B25	2SC125X50X20	MOMENT	1.000	0.597	0.968	1.000	1.000
2F	B26	2SC125X50X20	MOMENT	1.000	0.950	0.950	1.000	1.000
PRF	B27	2SC125X50X20	MOMENT	1.000	0.950	0.950	1.000	1.000
2F	B28	2SC125X50X20	MOMENT	1.000	0.971	0.971	1.000	1.000
PRF	B29	2SC125X50X20	MOMENT	1.000	0.971	0.971	1.000	1.000
2F	B30	2SC125X50X20	MOMENT	1.000	0.561	0.951	1.000	1.000
PRF	B31	2SC125X50X20	MOMENT	1.000	0.561	0.951	1.000	1.000
PRF	B32	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B33	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B34	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B35	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B36	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B37	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B38	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B39	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B40	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B41	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B42	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B43	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B44	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B45	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B46	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B47	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B48	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B49	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B50	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B51	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B52	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B53	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B54	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B55	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B56	2SC125X50X20	MOMENT	1.000	0.653	0.143	1.000	1.000
2F	B57	2SC125X50X20	MOMENT	1.000	0.333	0.143	1.000	1.000
2F	B58	2SC125X50X20	MOMENT	1.000	0.653	0.143	1.000	1.000
2F	B59	2SC125X50X20	MOMENT	1.000	0.972	0.143	1.000	1.000
2F	B60	2SC125X50X20	MOMENT	1.000	0.653	0.143	1.000	1.000
PRF	B61	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B62	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	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
2F	B65	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B66	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B67	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B68	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
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	1.000	1.000	1.000	1.000
PRF	B72	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B73	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B74	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B75	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B76	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B77	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B78	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B79	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B80	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B81	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B82	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B83	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B84	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B85	2SC125X50X20	MOMENT	1.000	0.375	0.555	1.000	1.000
PRF	B86	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B87	2SC125X50X20	MOMENT	1.000	0.375	0.555	1.000	1.000
PRF	B88	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B89	2SC125X50X20	MOMENT	1.000	0.375	0.555	1.000	1.000
PRF	B90	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B91	2SC125X50X20	MOMENT	1.000	0.555	0.555	1.000	1.000
PRF	B92	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B93	2SC125X50X20	MOMENT	1.000	0.375	0.555	1.000	1.000
2F	B94	2SC125X50X20	MOMENT	1.000	0.597	0.968	1.000	1.000
PRF	B95	2SC125X50X20	MOMENT	1.000	0.613	1.000	1.000	1.000
2F	B96	2SC125X50X20	MOMENT	1.000	0.950	0.950	1.000	1.000
PRF	B97	2SC125X50X20	MOMENT	1.000	5.275	1.000	1.000	1.000
2F	B98	2SC125X50X20	MOMENT	1.000	0.971	0.971	1.000	1.000
PRF	B99	2SC125X50X20	MOMENT	1.000	3.103	1.000	1.000	1.000
2F	B100	2SC125X50X20	MOMENT	1.000	0.561	0.951	1.000	1.000
PRF	B101	2SC125X50X20	MOMENT	1.000	0.585	1.000	1.000	1.000
PRF	B102	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B103	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B104	C125X50X20X2	MOMENT	1.000	1.000	1.000	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
PRF	B107	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B108	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B109	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B110	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B111	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B112	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B113	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	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	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B118	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B119	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B120	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B121	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B122	2SC125X50X20	MOMENT	1.000	0.554	0.200	1.000	1.000
2F	B123	2SC125X50X20	MOMENT	1.000	0.554	0.200	1.000	1.000
2F	B124	2SC125X50X20	MOMENT	1.000	0.554	0.200	1.000	1.000
2F	B125	2SC125X50X20	MOMENT	1.000	0.554	0.200	1.000	1.000
2F	B126	2SC125X50X20	MOMENT	1.000	0.554	0.200	1.000	1.000
PRF	B127	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B128	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B129	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B130	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B131	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B132	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B133	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B134	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B135	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B136	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B137	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B138	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B139	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B140	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B141	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B142	Z125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B143	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B144	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B145	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	B146	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B147	2SC125X50X20	MOMENT	1.000	0.597	0.968	1.000	1.000
PRF	B148	2SC125X50X20	MOMENT	1.000	0.597	0.968	1.000	1.000
2F	B149	2SC125X50X20	MOMENT	1.000	0.950	0.950	1.000	1.000
PRF	B150	2SC125X50X20	MOMENT	1.000	0.950	0.950	1.000	1.000
2F	B151	2SC125X50X20	MOMENT	1.000	0.971	0.971	1.000	1.000
PRF	B152	2SC125X50X20	MOMENT	1.000	0.971	0.971	1.000	1.000
2F	B153	2SC125X50X20	MOMENT	1.000	0.561	0.951	1.000	1.000
PRF	B154	2SC125X50X20	MOMENT	1.000	0.561	0.951	1.000	1.000
2F	B155	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B156	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B158	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B159	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B161	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B162	C125X50X20X2	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	B163	2SC125X50X20	MOMENT	1.000	0.971	0.971	1.000	1.000
2F	B165	2SC125X50X20	MOMENT	1.000	0.951	0.951	1.000	1.000

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

STORY LEVEL	BRACE BAY	SECTION ID	FRAMING TYPE	RLLF FACTOR	L_RATIO MAJOR	L_RATIO MINOR	K MAJOR	K MINOR
2F	D1	2SC125X50X20	MOMENT	1.000	1.000	0.200	1.000	1.000
2F	D2	2SC125X50X20	MOMENT	1.000	1.000	0.200	1.000	1.000
2F	D3	2SC125X50X20	MOMENT	1.000	1.000	0.200	1.000	1.000
2F	D4	2SC125X50X20	MOMENT	1.000	1.000	0.200	1.000	1.000
PRF	D5	ROD25	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D6	ROD25	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D7	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D8	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D9	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D10	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D11	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D12	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D13	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
2F	D15	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	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
PRF	D18	2SC125X50X20	MOMENT	1.000	0.625	0.143	1.000	1.000
PRF	D19	2SC125X50X20	MOMENT	1.000	0.625	0.143	1.000	1.000
PRF	D20	2SC125X50X20	MOMENT	1.000	0.625	0.143	1.000	1.000
PRF	D21	2SC125X50X20	MOMENT	1.000	1.000	0.143	1.000	1.000
PRF	D22	2SC125X50X20	MOMENT	1.000	0.625	0.143	1.000	1.000
2F	D23	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D24	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D25	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D26	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
2F	D27	U100X100X2.0	MOMENT	1.000	1.000	1.000	1.000	1.000
PRF	D28	2SC125X50X20	MOMENT	1.000	0.500	0.143	1.000	1.000
PRF	D29	2SC125X50X20	MOMENT	1.000	0.500	0.143	1.000	1.000
PRF	D30	2SC125X50X20	MOMENT	1.000	0.500	0.143	1.000	1.000
PRF	D31	2SC125X50X20	MOMENT	1.000	0.500	0.143	1.000	1.000

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PRF   D32 2SC125X50X20 MOMENT  1.000  0.500  0.143  1.000  1.000
PRF   D33 U100X100X2.0 MOMENT  1.000  1.000  1.000  1.000  1.000
 2F   D34 U100X100X2.0 MOMENT  1.000  1.000  1.000  1.000  1.000
PRF   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
PRF   D37 U100X100X2.0 MOMENT  1.000  1.000  1.000  1.000  1.000
 2F   D38 U100X100X2.0 MOMENT  1.000  1.000  1.000  1.000  1.000
PRF   D39 U100X100X2.0 MOMENT  1.000  1.000  1.000  1.000  1.000
 2F   D40 U100X100X2.0 MOMENT  1.000  1.000  1.000  1.000  1.000
PRF   D41 U100X100X2.0 MOMENT  1.000  1.000  1.000  1.000  1.000
 2F   D42 U100X100X2.0 MOMENT  1.000  1.000  1.000  1.000  1.000
PRF   D43 U100X100X2.0 MOMENT  1.000  1.000  1.000  1.000  1.000
 2F   D44 U100X100X2.0 MOMENT  1.000  1.000  1.000  1.000  1.000
PRF   D45 U100X100X2.0 MOMENT  1.000  1.000  1.000  1.000  1.000
 2F   D46 U100X100X2.0 MOMENT  1.000  1.000  1.000  1.000  1.000
 2F   D47 2SC125X50X20 MOMENT  1.000  1.000  0.250  1.000  1.000
 2F   D48 2SC125X50X20 MOMENT  1.000  1.000  0.250  1.000  1.000
 2F   D49 2SC125X50X20 MOMENT  1.000  1.000  0.250  1.000  1.000

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

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

   2F   C1-1  U100X100X2.0                                  02RC71   0.051  02RC72   0.033
                02RC68(C)   0.120  = 0.001 + 0.001 + 0.117
                02RC71(T)   0.243  = 0.008 + 0.217 + 0.019
   2F   C2-1  U100X100X2.0                                  02RC71   0.064  02RC72   0.032
                02RC68(C)   0.135  = 0.012 + 0.007 + 0.117
                02RC71(T)   0.270  = 0.021 + 0.243 + 0.006
   2F   C3-1  U100X100X2.0                                  02RC67   0.049  02RC72   0.031
                02RC68(C)   0.154  = 0.020 + 0.017 + 0.117
                02RC71(T)   0.275  = 0.028 + 0.208 + 0.038
   2F   C4-1  U100X100X2.0                                  02RC67   0.043  02RC72   0.035
                02RC67(C)   0.247  = 0.003 + 0.199 + 0.044
                02RC68(T)   0.140  = 0.001 + 0.012 + 0.128
   2F   C5  U100X100X2.0                                    02RC71   0.017  02RC72   0.011
                02RC11(C)   0.040  = 0.021 + 0.017 + 0.003
                02RC71(T)   0.179  = 0.045 + 0.106 + 0.029
  PRF   C5-1  U100X100X2.0                                  02RC67   0.004  02RC68   0.005
                02RC68(C)   0.057  = 0.018 + 0.008 + 0.031
                02RC71(T)   0.048  = 0.013 + 0.030 + 0.005
   2F   C6  U100X100X2.0                                    02RC71   0.024  02RC72   0.013
                02RC67(C)   0.196  = 0.051 + 0.124 + 0.022
                02RC72(T)   0.078  = 0.011 + 0.001 + 0.067
  PRF   C6-1  U100X100X2.0                                  02RC71   0.011  02RC68   0.003
                02RC68(C)   0.028  = 0.003 + 0.007 + 0.018
                02RC71(T)   0.059  = 0.005 + 0.054 + 0.000
   2F   C7  U100X100X2.0                                    02RC71   0.026  02RC68   0.019
                02RC67(C)   0.153  = 0.008 + 0.130 + 0.016
                02RC71(T)   0.150  = 0.004 + 0.130 + 0.015
  PRF   C7-1  U100X100X2.0                                  02RC71   0.013  02RC72   0.004
                02RC67(C)   0.053  = 0.000 + 0.051 + 0.002
                02RC71(T)   0.059  = 0.003 + 0.052 + 0.003
   2F   C8  U100X100X2.0                                    02RC71   0.020  02RC68   0.017
                02RC13(C)   0.049  = 0.032 + 0.005 + 0.012
                02RC71(T)   0.133  = 0.013 + 0.114 + 0.006
  PRF   C8-1  U100X100X2.0                                  02RC71   0.010  02RC68   0.001
                02RC02(C)   0.045  = 0.023 + 0.021 + 0.001
                02RC71(T)   0.078  = 0.013 + 0.058 + 0.007
   2F   C9  U100X100X2.0                                    02RC67   0.030  02RC02   0.025
                02RC02(C)   0.207  = 0.059 + 0.028 + 0.120
                02RC67(T)   0.213  = 0.026 + 0.104 + 0.084
  PRF   C9-1  U100X100X2.0                                  02RC68   0.014  02RC02   0.027
                02RC02(C)   0.201  = 0.023 + 0.043 + 0.134
                02RC67(T)   0.168  = 0.027 + 0.051 + 0.090
   2F   C10  U100X100X2.0                                   02RC67   0.025  02RC68   0.014
                02RC15(C)   0.036  = 0.016 + 0.020 + 0.000
                02RC71(T)   0.189  = 0.043 + 0.127 + 0.019
  PRF   C10-1  U100X100X2.0                                 02RC67   0.012  02RC68   0.003
                02RC67(C)   0.057  = 0.002 + 0.055 + 0.001
                02RC48(T)   0.010  = 0.000 + 0.010 + 0.000
   2F   C11  U100X100X2.0                                   02RC67   0.018  02RC72   0.016
                02RC67(C)   0.198  = 0.064 + 0.108 + 0.026
                02RC72(T)   0.109  = 0.031 + 0.003 + 0.075
  PRF   C11-1  U100X100X2.0                                 02RC71   0.004  02RC71   0.002
                02RC67(C)   0.051  = 0.019 + 0.029 + 0.003
                02RC47(T)   0.006  = 0.001 + 0.004 + 0.001
   2F   C12  U100X100X2.0                                   02RC67   0.017  02RC72   0.015
                02RC68(C)   0.098  = 0.032 + 0.001 + 0.065
                02RC71(T)   0.182  = 0.047 + 0.103 + 0.033
  PRF   C12-1  U100X100X2.0                                 02RC67   0.004  02RC72   0.040
                02RC02(C)   0.030  = 0.005 + 0.000 + 0.024
                02RC67(T)   0.058  = 0.013 + 0.025 + 0.020
   2F   C13  U100X100X2.0                                   02RC67   0.015  02RC68   0.016
                02RC67(C)   0.114  = 0.002 + 0.097 + 0.014
                02RC71(T)   0.118  = 0.006 + 0.097 + 0.014
  PRF   C13-1  U100X100X2.0                                 02RC71   0.005  02RC68   0.049
                02RC68(C)   0.045  = 0.015 + 0.000 + 0.030
                02RC71(T)   0.054  = 0.020 + 0.033 + 0.001
   2F   C14  U100X100X2.0                                   02RC67   0.016  02RC72   0.015
                02RC68(C)   0.111  = 0.046 + 0.002 + 0.062
                02RC71(T)   0.125  = 0.022 + 0.099 + 0.004
  PRF   C14-1  U100X100X2.0                                 02RC71   0.004  02RC72   0.050
                02RC02(C)   0.054  = 0.011 + 0.001 + 0.042
                02RC67(T)   0.074  = 0.018 + 0.030 + 0.026
   2F   C15  U100X100X2.0                                   02RC67   0.017  02RC72   0.017
                02RC67(C)   0.176  = 0.048 + 0.103 + 0.025
                02RC48(T)   0.023  = 0.004 + 0.017 + 0.002
  PRF   C15-1  U100X100X2.0                                 02RC67   0.004  02RC72   0.041
                02RC13(C)   0.022  = 0.006 + 0.000 + 0.016
                02RC72(T)   0.044  = 0.007 + 0.000 + 0.037
   2F   C16  U100X100X2.0                                   02RC71   0.009  02RC72   0.018
                02RC67(C)   0.104  = 0.012 + 0.078 + 0.014
   2F   C17  U100X100X2.0                                   02RC71   0.014  02RC68   0.016
                02RC68(C)   0.091  = 0.015 + 0.002 + 0.074
                02RC71(T)   0.191  = 0.074 + 0.087 + 0.030
  PRF   C17-1  U100X100X2.0                                 02RC71   0.032  02RC72   0.011
                02RC68(C)   0.079  = 0.045 + 0.006 + 0.029
                02RC71(T)   0.103  = 0.007 + 0.090 + 0.007
   2F   C18  U100X100X2.0                                   02RC71   0.018  02RC68   0.013
                02RC67(C)   0.141  = 0.022 + 0.098 + 0.021
                02RC48(T)   0.021  = 0.002 + 0.018 + 0.001
  PRF   C18-1  U100X100X2.0                                 02RC71   0.020  02RC72   0.003
                02RC67(C)   0.061  = 0.000 + 0.058 + 0.003
                02RC71(T)   0.061  = 0.002 + 0.056 + 0.003
   2F   C19  U100X100X2.0                                   02RC71   0.020  02RC72   0.017
                02RC68(C)   0.110  = 0.035 + 0.002 + 0.073
                02RC71(T)   0.137  = 0.020 + 0.104 + 0.013
  PRF   C19-1  U100X100X2.0                                 02RC71   0.015  02RC72   0.013
                02RC68(C)   0.074  = 0.034 + 0.007 + 0.033
                02RC71(T)   0.103  = 0.023 + 0.075 + 0.005
   2F   C20  U100X100X2.0                                   02RC71   0.018  02RC68   0.022
                02RC68(C)   0.146  = 0.048 + 0.008 + 0.090
                02RC71(T)   0.120  = 0.022 + 0.098 + 0.000
  PRF   C20-1  U100X100X2.0                                 02RC71   0.015  02RC68   0.014
                02RC68(C)   0.104  = 0.043 + 0.019 + 0.043
                02RC71(T)   0.093  = 0.027 + 0.065 + 0.001
   2F   C21  U100X100X2.0                                   02RC67   0.024  02RC68   0.034
                02RC02(C)   0.209  = 0.057 + 0.031 + 0.120
                02RC67(T)   0.183  = 0.011 + 0.114 + 0.057
  PRF   C21-1  U100X100X2.0                                 02RC71   0.021  02RC02   0.026
                02RC02(C)   0.191  = 0.023 + 0.039 + 0.130
                02RC67(T)   0.180  = 0.030 + 0.060 + 0.090
   2F   C22  U100X100X2.0                                   02RC67   0.019  02RC68   0.013
                02RC68(C)   0.083  = 0.013 + 0.001 + 0.069
                02RC71(T)   0.141  = 0.022 + 0.101 + 0.019
  PRF   C22-1  U100X100X2.0                                 02RC71   0.026  02RC72   0.006
                02RC71(C)   0.079  = 0.000 + 0.075 + 0.004
                02RC48(T)   0.013  = 0.000 + 0.012 + 0.000
   2F   C23  U100X100X2.0                                   02RC67   0.014  02RC68   0.017
                02RC67(C)   0.309  = 0.202 + 0.078 + 0.029
                02RC44(T)   0.030  = 0.012 + 0.016 + 0.002
  PRF   C23-1  U100X100X2.0                                 02RC71   0.030  02RC72   0.014
                02RC67(C)   0.060  = 0.013 + 0.030 + 0.016
                02RC71(T)   0.115  = 0.022 + 0.085 + 0.008
   2F   C24  U100X100X2.0                                   02RC71   0.013  02RC68   0.017
                02RC68(C)   0.078  = 0.001 + 0.002 + 0.075
                02RC71(T)   0.144  = 0.030 + 0.082 + 0.032
  PRF   C24-1  U100X100X2.0                                 02RC71   0.003  02RC72   0.029
                02RC68(C)   0.054  = 0.019 + 0.001 + 0.034
                02RC71(T)   0.051  = 0.023 + 0.011 + 0.017
   2F   C25  U100X100X2.0                                   02RC71   0.013  02RC68   0.017
                02RC68(C)   0.101  = 0.023 + 0.001 + 0.077
                02RC71(T)   0.110  = 0.016 + 0.080 + 0.013
  PRF   C25-1  U100X100X2.0                                 02RC71   0.003  02RC72   0.034
                02RC68(C)   0.063  = 0.026 + 0.001 + 0.036
                02RC71(T)   0.042  = 0.019 + 0.020 + 0.003
   2F   C26  U100X100X2.0                                   02RC67   0.012  02RC68   0.017
                02RC68(C)   0.103  = 0.024 + 0.001 + 0.078
                02RC71(T)   0.100  = 0.019 + 0.079 + 0.002
  PRF   C26-1  U100X100X2.0                                 02RC71   0.004  02RC72   0.032
                02RC68(C)   0.068  = 0.029 + 0.001 + 0.038
                02RC71(T)   0.042  = 0.019 + 0.022 + 0.001
   2F   C27  U100X100X2.0                                   02RC71   0.014  02RC68   0.017
                02RC68(C)   0.106  = 0.023 + 0.004 + 0.079
                02RC71(T)   0.125  = 0.025 + 0.082 + 0.017
  PRF   C27-1  U100X100X2.0                                 02RC67   0.003  02RC72   0.032
                02RC68(C)   0.072  = 0.031 + 0.000 + 0.041
                02RC71(T)   0.046  = 0.020 + 0.007 + 0.019
   2F   C28  U100X100X2.0                                   02RC71   0.014  02RC68   0.018
                02RC67(C)   0.140  = 0.027 + 0.082 + 0.031
                02RC72(T)   0.094  = 0.013 + 0.001 + 0.080
  PRF   C28-1  U100X100X2.0                                 02RC71   0.003  02RC72   0.034
                02RC68(C)   0.060  = 0.018 + 0.001 + 0.041
                02RC46(T)   0.011  = 0.002 + 0.000 + 0.010
   2F   C29  U100X100X2.0                                   02RC71   0.011  02RC68   0.012
                02RC68(C)   0.123  = 0.058 + 0.003 + 0.063
                02RC71(T)   0.153  = 0.056 + 0.071 + 0.025
  PRF   C29-1  U100X100X2.0                                 02RC67   0.003  02RC72   0.003
                02RC68(C)   0.034  = 0.013 + 0.000 + 0.021
                02RC67(T)   0.050  = 0.011 + 0.024 + 0.015
   2F   C30  U100X100X2.0                                   02RC71   0.016  02RC72   0.013
                02RC67(C)   0.129  = 0.023 + 0.084 + 0.022
                02RC44(T)   0.026  = 0.006 + 0.020 + 0.001
  PRF   C30-1  U100X100X2.0                                 02RC71   0.008  02RC68   0.003
                02RC68(C)   0.031  = 0.005 + 0.007 + 0.018
                02RC71(T)   0.047  = 0.005 + 0.041 + 0.000
   2F   C31  U100X100X2.0                                   02RC71   0.015  02RC68   0.014
                02RC68(C)   0.162  = 0.089 + 0.004 + 0.069
                02RC71(T)   0.108  = 0.015 + 0.082 + 0.011
  PRF   C31-1  U100X100X2.0                                 02RC71   0.007  02RC02   0.002
                02RC68(C)   0.049  = 0.029 + 0.007 + 0.012
                02RC71(T)   0.053  = 0.013 + 0.033 + 0.007
   2F   C32  U100X100X2.0                                   02RC71   0.013  02RC68   0.018
                02RC68(C)   0.173  = 0.087 + 0.007 + 0.079
                02RC71(T)   0.089  = 0.010 + 0.078 + 0.001
  PRF   C32-1  U100X100X2.0                                 02RC71   0.008  02RC68   0.004
                02RC68(C)   0.071  = 0.036 + 0.020 + 0.015
                02RC71(T)   0.065  = 0.014 + 0.045 + 0.007
   2F   C33  U100X100X2.0                                   02RC67   0.018  02RC68   0.018
                02RC68(C)   0.176  = 0.090 + 0.005 + 0.080
                02RC71(T)   0.114  = 0.006 + 0.087 + 0.020
  PRF   C33-1  U100X100X2.0                                 02RC68   0.009  02RC68   0.004
                02RC68(C)   0.085  = 0.034 + 0.035 + 0.016
                02RC67(T)   0.042  = 0.008 + 0.027 + 0.007
   2F   C34  U100X100X2.0                                   02RC71   0.017  02RC68   0.014
                02RC68(C)   0.106  = 0.033 + 0.002 + 0.071
                02RC71(T)   0.129  = 0.021 + 0.089 + 0.020
  PRF   C34-1  U100X100X2.0                                 02RC67   0.011  02RC68   0.003
                02RC67(C)   0.051  = 0.002 + 0.049 + 0.000
                02RC44(T)   0.014  = 0.001 + 0.013 + 0.000
   2F   C35  U100X100X2.0                                   02RC67   0.012  02RC68   0.016
                02RC67(C)   0.176  = 0.073 + 0.073 + 0.030
                02RC44(T)   0.026  = 0.008 + 0.017 + 0.001
  PRF   C35-1  U100X100X2.0                                 02RC71   0.004  02RC68   0.001
                02RC67(C)   0.040  = 0.019 + 0.020 + 0.001
                02RC11(T)   0.007  = 0.001 + 0.005 + 0.001
   2F   C36-1  U100X100X2.0                                 02RC71   0.036  02RC68   0.033
                02RC68(C)   0.174  = 0.028 + 0.029 + 0.117
                02RC71(T)   0.153  = 0.011 + 0.136 + 0.005
   2F   C37-1  U100X100X2.0                                 02RC67   0.022  02RC68   0.034
                02RC68(C)   0.161  = 0.033 + 0.005 + 0.122
                02RC71(T)   0.141  = 0.017 + 0.103 + 0.021
   2F   C38-1  U100X100X2.0                                 02RC67   0.020  02RC68   0.033
                02RC67(C)   0.160  = 0.013 + 0.101 + 0.046
                02RC44(T)   0.030  = 0.001 + 0.028 + 0.001

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

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

   2F   B1  2SC125X50X20X2                                  02RC71   0.096  02RC72   0.000
                02RC71(T)   0.234  = 0.000 + 0.234 + 0.000
   2F   B2  2SC125X50X20X2                                  02RC71   0.104  02RC72   0.000
                02RC71(T)   0.273  = 0.000 + 0.273 + 0.000
   2F   B4  2SC125X50X20X2                                  02RC71   0.108  02RC72   0.000
                02RC71(T)   0.263  = 0.000 + 0.263 + 0.000
   2F   B5  C125X50X20X2.0                                  02RC71   0.069  02RC72   0.000
                02RC71(T)   0.278  = 0.000 + 0.278 + 0.000
   2F   B6  C125X50X20X2.0                                  02RC71   0.091  02RC72   0.000
                02RC71(T)   0.347  = 0.000 + 0.347 + 0.000
   2F   B7  C125X50X20X2.0                                  02RC71   0.071  02RC72   0.000
                02RC71(C)   0.284  = 0.000 + 0.284 + 0.000
                02RC09(T)   0.081  = 0.000 + 0.081 + 0.000
   2F   B8  2SC125X50X20X2                                  02RC02   0.050  02RC72   0.000
                02RC02(T)   0.091  = 0.000 + 0.091 + 0.000
   2F   B9  C125X50X20X2.0                                  02RC71   0.070  02RC72   0.000
                02RC25(C)   0.086  = 0.000 + 0.086 + 0.000
                02RC71(T)   0.285  = 0.000 + 0.285 + 0.000
   2F   B10  C125X50X20X2.0                                 02RC71   0.090  02RC72   0.000
                02RC71(T)   0.345  = 0.000 + 0.345 + 0.000
   2F   B11  C125X50X20X2.0                                 02RC71   0.070  02RC72   0.000
                02RC71(C)   0.278  = 0.000 + 0.278 + 0.000
                02RC09(T)   0.081  = 0.000 + 0.081 + 0.000
   2F   B14  Z125X50X20X2.0                                 02RC02   0.049  02RC72   0.000
                02RC02(T)   0.191  = 0.000 + 0.191 + 0.000
   2F   B15  C125X50X20X2.0                                 02RC71   0.070  02RC72   0.000
                02RC71(T)   0.286  = 0.000 + 0.286 + 0.000
   2F   B16  C125X50X20X2.0                                 02RC71   0.091  02RC72   0.000
                02RC71(T)   0.346  = 0.000 + 0.346 + 0.000
   2F   B17  C125X50X20X2.0                                 02RC71   0.070  02RC72   0.000
                02RC71(T)   0.275  = 0.000 + 0.275 + 0.000
   2F   B18  2SC125X50X20X2                                 02RC02   0.069  02RC72   0.000
                02RC02(T)   0.087  = 0.000 + 0.087 + 0.000
   2F   B19  2SC125X50X20X2                                 02RC02   0.070  02RC72   0.000
                02RC02(T)   0.089  = 0.000 + 0.089 + 0.000
   2F   B20  Z125X50X20X2.0                                 02RC02   0.049  02RC72   0.000
                02RC02(T)   0.191  = 0.000 + 0.191 + 0.000
   2F   B21  C125X50X20X2.0                                 02RC71   0.070  02RC72   0.000
                02RC71(T)   0.280  = 0.000 + 0.280 + 0.000
   2F   B22  C125X50X20X2.0                                 02RC71   0.091  02RC72   0.000
                02RC71(T)   0.352  = 0.000 + 0.352 + 0.000
   2F   B23  C125X50X20X2.0                                 02RC71   0.070  02RC72   0.000
                02RC71(C)   0.271  = 0.000 + 0.271 + 0.000
   2F   B24  2SC125X50X20X2                                 02RC67   0.073  02RC72   0.000
                02RC67(T)   0.172  = 0.000 + 0.172 + 0.000
  PRF   B25  2SC125X50X20X2                                 02RC71   0.077  02RC72   0.000
                02RC71(T)   0.156  = 0.000 + 0.156 + 0.000
   2F   B26  2SC125X50X20X2                                 02RC67   0.072  02RC72   0.000
                02RC67(T)   0.187  = 0.000 + 0.187 + 0.000
  PRF   B27  2SC125X50X20X2                                 02RC71   0.068  02RC72   0.000
                02RC71(T)   0.126  = 0.000 + 0.126 + 0.000
   2F   B28  2SC125X50X20X2                                 02RC02   0.085  02RC72   0.000
                02RC67(T)   0.183  = 0.000 + 0.183 + 0.000
  PRF   B29  2SC125X50X20X2                                 02RC71   0.096  02RC72   0.000
                02RC71(T)   0.226  = 0.000 + 0.226 + 0.000
   2F   B30  2SC125X50X20X2                                 02RC67   0.142  02RC72   0.000
                02RC67(T)   0.228  = 0.000 + 0.228 + 0.000
  PRF   B31  2SC125X50X20X2                                 02RC67   0.099  02RC72   0.000
                02RC67(T)   0.142  = 0.000 + 0.142 + 0.000
  PRF   B32  C125X50X20X2.0                                 02RC71   0.082  02RC72   0.000
                02RC71(T)   0.470  = 0.000 + 0.470 + 0.000
  PRF   B33  C125X50X20X2.0                                 02RC71   0.053  02RC72   0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
  PRF   B34  C125X50X20X2.0                                 02RC71   0.090  02RC72   0.000
                02RC71(T)   0.566  = 0.000 + 0.566 + 0.000
  PRF   B35  C125X50X20X2.0                                 02RC71   0.054  02RC72   0.000
                02RC71(T)   0.202  = 0.000 + 0.202 + 0.000
   2F   B36  Z125X50X20X2.0                                 02RC02   0.076  02RC72   0.000
                02RC02(T)   0.449  = 0.000 + 0.449 + 0.000
   2F   B37  Z125X50X20X2.0                                 02RC02   0.049  02RC72   0.000
                02RC02(T)   0.191  = 0.000 + 0.191 + 0.000
   2F   B38  Z125X50X20X2.0                                 02RC02   0.084  02RC72   0.000
                02RC02(T)   0.540  = 0.000 + 0.540 + 0.000
   2F   B39  Z125X50X20X2.0                                 02RC02   0.050  02RC72   0.000
                02RC02(T)   0.192  = 0.000 + 0.192 + 0.000
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PRF   B40  C125X50X20X2.0                    02RC01   0.002  02RC72   0.000
                02RC01(T)   0.006  = 0.000 + 0.006 + 0.000
PRF   B41  C125X50X20X2.0                    02RC71   0.053  02RC72   0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
PRF   B42  C125X50X20X2.0                    02RC71   0.090  02RC72   0.000
                02RC71(T)   0.566  = 0.000 + 0.566 + 0.000
PRF   B43  C125X50X20X2.0                    02RC71   0.054  02RC72   0.000
                02RC71(T)   0.202  = 0.000 + 0.202 + 0.000
 2F   B44  Z125X50X20X2.0                    02RC02   0.076  02RC72   0.000
                02RC02(T)   0.449  = 0.000 + 0.449 + 0.000
 2F   B45  Z125X50X20X2.0                    02RC02   0.049  02RC72   0.000
                02RC02(T)   0.191  = 0.000 + 0.191 + 0.000
 2F   B46  Z125X50X20X2.0                    02RC02   0.084  02RC72   0.000
                02RC02(T)   0.540  = 0.000 + 0.540 + 0.000
 2F   B47  Z125X50X20X2.0                    02RC02   0.050  02RC72   0.000
                02RC02(T)   0.192  = 0.000 + 0.192 + 0.000
PRF   B48  C125X50X20X2.0                    02RC71   0.082  02RC72   0.000
                02RC29(C)   0.141  = 0.000 + 0.141 + 0.000
                02RC71(T)   0.470  = 0.000 + 0.470 + 0.000
PRF   B49  C125X50X20X2.0                    02RC71   0.053  02RC72   0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
PRF   B50  C125X50X20X2.0                    02RC71   0.090  02RC72   0.000
                02RC71(T)   0.566  = 0.000 + 0.566 + 0.000
PRF   B51  C125X50X20X2.0                    02RC71   0.054  02RC72   0.000
                02RC21(C)   0.060  = 0.000 + 0.060 + 0.000
                02RC71(T)   0.202  = 0.000 + 0.202 + 0.000
 2F   B52  Z125X50X20X2.0                    02RC02   0.076  02RC72   0.000
                02RC02(T)   0.449  = 0.000 + 0.449 + 0.000
 2F   B53  Z125X50X20X2.0                    02RC02   0.049  02RC72   0.000
                02RC02(T)   0.191  = 0.000 + 0.191 + 0.000
 2F   B54  Z125X50X20X2.0                    02RC02   0.084  02RC72   0.000
                02RC02(T)   0.540  = 0.000 + 0.540 + 0.000
 2F   B55  Z125X50X20X2.0                    02RC02   0.050  02RC72   0.000
                02RC02(T)   0.192  = 0.000 + 0.192 + 0.000
 2F   B56  2SC125X50X20X2                    02RC02   0.167  02RC72   0.000
                02RC02(T)   0.264  = 0.000 + 0.264 + 0.000
 2F   B57  2SC125X50X20X2                    02RC02   0.170  02RC72   0.000
                02RC68(T)   0.186  = 0.000 + 0.186 + 0.000
 2F   B58  2SC125X50X20X2                    02RC02   0.292  02RC72   0.000
                02RC02(T)   0.463  = 0.000 + 0.463 + 0.000
 2F   B59  2SC125X50X20X2                    02RC02   0.406  02RC72   0.000
                02RC02(T)   0.916  = 0.000 + 0.916 + 0.000
 2F   B60  2SC125X50X20X2                    02RC02   0.114  02RC72   0.000
                02RC68(T)   0.189  = 0.000 + 0.189 + 0.000
PRF   B61  C125X50X20X2.0                    02RC71   0.082  02RC72   0.000
                02RC67(C)   0.385  = 0.000 + 0.385 + 0.000
                02RC71(T)   0.470  = 0.000 + 0.470 + 0.000
PRF   B62  C125X50X20X2.0                    02RC71   0.053  02RC72   0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
PRF   B63  C125X50X20X2.0                    02RC71   0.090  02RC72   0.000
                02RC71(T)   0.566  = 0.000 + 0.566 + 0.000
PRF   B64  C125X50X20X2.0                    02RC71   0.054  02RC72   0.000
                02RC29(C)   0.060  = 0.000 + 0.060 + 0.000
                02RC71(T)   0.202  = 0.000 + 0.202 + 0.000
 2F   B65  Z125X50X20X2.0                    02RC02   0.076  02RC72   0.000
                02RC02(T)   0.449  = 0.000 + 0.449 + 0.000
 2F   B66  Z125X50X20X2.0                    02RC02   0.049  02RC72   0.000
                02RC02(T)   0.191  = 0.000 + 0.191 + 0.000
 2F   B67  Z125X50X20X2.0                    02RC02   0.084  02RC72   0.000
                02RC02(T)   0.540  = 0.000 + 0.540 + 0.000
 2F   B68  Z125X50X20X2.0                    02RC02   0.050  02RC72   0.000
                02RC02(T)   0.192  = 0.000 + 0.192 + 0.000
PRF   B69  C125X50X20X2.0                    02RC71   0.082  02RC72   0.000
                02RC71(T)   0.470  = 0.000 + 0.470 + 0.000
PRF   B70  C125X50X20X2.0                    02RC71   0.053  02RC72   0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
PRF   B71  C125X50X20X2.0                    02RC71   0.090  02RC72   0.000
                02RC71(T)   0.566  = 0.000 + 0.566 + 0.000
PRF   B72  C125X50X20X2.0                    02RC71   0.054  02RC72   0.000
                02RC71(T)   0.202  = 0.000 + 0.202 + 0.000
 2F   B73  Z125X50X20X2.0                    02RC02   0.076  02RC72   0.000
                02RC02(T)   0.449  = 0.000 + 0.449 + 0.000
 2F   B74  Z125X50X20X2.0                    02RC02   0.049  02RC72   0.000
                02RC02(T)   0.191  = 0.000 + 0.191 + 0.000
 2F   B75  Z125X50X20X2.0                    02RC02   0.084  02RC72   0.000
                02RC02(T)   0.540  = 0.000 + 0.540 + 0.000
 2F   B76  Z125X50X20X2.0                    02RC02   0.050  02RC72   0.000
                02RC02(T)   0.192  = 0.000 + 0.192 + 0.000
PRF   B77  C125X50X20X2.0                    02RC71   0.082  02RC72   0.000
                02RC49(C)   0.051  = 0.000 + 0.051 + 0.000
                02RC71(T)   0.470  = 0.000 + 0.470 + 0.000
PRF   B78  C125X50X20X2.0                    02RC71   0.053  02RC72   0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
PRF   B79  C125X50X20X2.0                    02RC71   0.090  02RC72   0.000
                02RC71(T)   0.566  = 0.000 + 0.566 + 0.000
PRF   B80  C125X50X20X2.0                    02RC71   0.054  02RC72   0.000
                02RC71(C)   0.202  = 0.000 + 0.202 + 0.000
                02RC68(T)   0.134  = 0.000 + 0.134 + 0.000
 2F   B81  Z125X50X20X2.0                    02RC02   0.076  02RC72   0.000
                02RC02(T)   0.449  = 0.000 + 0.449 + 0.000
 2F   B82  Z125X50X20X2.0                    02RC02   0.049  02RC72   0.000
                02RC02(T)   0.191  = 0.000 + 0.191 + 0.000
 2F   B83  Z125X50X20X2.0                    02RC02   0.084  02RC72   0.000
                02RC02(T)   0.540  = 0.000 + 0.540 + 0.000
 2F   B84  Z125X50X20X2.0                    02RC02   0.050  02RC72   0.000
                02RC02(T)   0.192  = 0.000 + 0.192 + 0.000
PRF   B85  2SC125X50X20X2                   02RC67   0.015  02RC71   0.004
                02RC68(C)   0.045  = 0.022 + 0.023 + 0.000
                02RC67(T)   0.056  = 0.000 + 0.043 + 0.013
PRF   B86  C125X50X20X2.0                    02RC71   0.082  02RC72   0.000
                02RC71(T)   0.470  = 0.000 + 0.470 + 0.000
PRF   B87  2SC125X50X20X2                   02RC68   0.009  02RC71   0.004
                02RC68(C)   0.045  = 0.028 + 0.016 + 0.001
                02RC71(T)   0.034  = 0.002 + 0.010 + 0.022
PRF   B88  C125X50X20X2.0                    02RC71   0.053  02RC72   0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
PRF   B89  2SC125X50X20X2                   02RC68   0.012  02RC71   0.004
                02RC68(C)   0.061  = 0.026 + 0.035 + 0.000
                02RC71(T)   0.038  = 0.002 + 0.014 + 0.023
PRF   B90  C125X50X20X2.0                    02RC71   0.090  02RC72   0.000
                02RC71(T)   0.566  = 0.000 + 0.566 + 0.000
PRF   B91  2SC125X50X20X2                   02RC68   0.016  02RC71   0.003
                02RC68(C)   0.058  = 0.011 + 0.046 + 0.001
                02RC71(T)   0.037  = 0.002 + 0.015 + 0.020
PRF   B92  C125X50X20X2.0                    02RC71   0.054  02RC72   0.000
                02RC71(T)   0.202  = 0.000 + 0.202 + 0.000
PRF   B93  2SC125X50X20X2                   02RC67   0.017  02RC71   0.004
                02RC71(C)   0.065  = 0.004 + 0.047 + 0.014
                02RC71(T)   0.047  = 0.001 + 0.026 + 0.020
 2F   B94  2SC125X50X20X2                   02RC67   0.069  02RC72   0.000
                02RC67(T)   0.158  = 0.000 + 0.158 + 0.000
PRF   B95  2SC125X50X20X2                   02RC71   0.031  02RC72   0.003
                02RC71(C)   0.090  = 0.011 + 0.073 + 0.006
                02RC71(T)   0.071  = 0.001 + 0.069 + 0.001
 2F   B96  2SC125X50X20X2                   02RC67   0.065  02RC72   0.000
                02RC67(T)   0.158  = 0.000 + 0.158 + 0.000
PRF   B97  2SC125X50X20X2                   02RC71   0.009  02RC72   0.000
                02RC71(T)   0.033  = 0.000 + 0.033 + 0.000
 2F   B98  2SC125X50X20X2                   02RC02   0.084  02RC72   0.000
                02RC02(T)   0.173  = 0.000 + 0.173 + 0.000
PRF   B99  2SC125X50X20X2                   02RC67   0.007  02RC72   0.000
                02RC71(T)   0.033  = 0.000 + 0.033 + 0.000
 2F   B100 2SC125X50X20X2                   02RC67   0.125  02RC72   0.000
                02RC67(T)   0.201  = 0.000 + 0.201 + 0.000
PRF   B101 2SC125X50X20X2                   02RC68   0.054  02RC72   0.006
                02RC03(C)   0.073  = 0.001 + 0.070 + 0.002
                02RC68(T)   0.114  = 0.000 + 0.085 + 0.028
PRF   B102 C125X50X20X2.0                    02RC71   0.082  02RC72   0.000
                02RC71(T)   0.470  = 0.000 + 0.470 + 0.000
PRF   B103 C125X50X20X2.0                    02RC71   0.053  02RC72   0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
PRF   B104 C125X50X20X2.0                    02RC71   0.090  02RC72   0.000
                02RC71(T)   0.566  = 0.000 + 0.566 + 0.000
PRF   B105 C125X50X20X2.0                    02RC71   0.054  02RC72   0.000
                02RC71(T)   0.202  = 0.000 + 0.202 + 0.000
PRF   B106 C125X50X20X2.0                    02RC71   0.082  02RC72   0.000
                02RC71(T)   0.470  = 0.000 + 0.470 + 0.000
PRF   B107 C125X50X20X2.0                    02RC71   0.053  02RC72   0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
PRF   B108 C125X50X20X2.0                    02RC71   0.090  02RC72   0.000
                02RC71(T)   0.566  = 0.000 + 0.566 + 0.000
PRF   B109 C125X50X20X2.0                    02RC71   0.054  02RC72   0.000
                02RC71(T)   0.202  = 0.000 + 0.202 + 0.000
 2F   B110 Z125X50X20X2.0                    02RC02   0.076  02RC72   0.000
                02RC02(T)   0.449  = 0.000 + 0.449 + 0.000
 2F   B111 Z125X50X20X2.0                    02RC02   0.049  02RC72   0.000
                02RC02(T)   0.191  = 0.000 + 0.191 + 0.000
 2F   B112 Z125X50X20X2.0                    02RC02   0.084  02RC72   0.000
                02RC02(T)   0.540  = 0.000 + 0.540 + 0.000
 2F   B113 Z125X50X20X2.0                    02RC02   0.050  02RC72   0.000
                02RC02(T)   0.192  = 0.000 + 0.192 + 0.000
PRF   B114 C125X50X20X2.0                    02RC71   0.082  02RC72   0.000
                02RC71(C)   0.470  = 0.000 + 0.470 + 0.000
                02RC72(T)   0.000  = 0.000 + 0.000 + 0.000
PRF   B115 C125X50X20X2.0                    02RC71   0.053  02RC72   0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
PRF   B116 C125X50X20X2.0                    02RC71   0.090  02RC72   0.000
                02RC71(T)   0.566  = 0.000 + 0.566 + 0.000
PRF   B117 C125X50X20X2.0                    02RC71   0.054  02RC72   0.000
                02RC05(C)   0.058  = 0.000 + 0.058 + 0.000
                02RC71(T)   0.202  = 0.000 + 0.202 + 0.000
 2F   B118 Z125X50X20X2.0                    02RC02   0.076  02RC72   0.000
                02RC02(T)   0.449  = 0.000 + 0.449 + 0.000
 2F   B119 Z125X50X20X2.0                    02RC02   0.049  02RC72   0.000
                02RC02(T)   0.191  = 0.000 + 0.191 + 0.000
 2F   B120 Z125X50X20X2.0                    02RC02   0.084  02RC72   0.000
                02RC02(T)   0.540  = 0.000 + 0.540 + 0.000
 2F   B121 Z125X50X20X2.0                    02RC02   0.050  02RC72   0.000
                02RC02(T)   0.192  = 0.000 + 0.192 + 0.000
 2F   B122 2SC125X50X20X2                   02RC02   0.111  02RC72   0.000
                02RC68(T)   0.160  = 0.000 + 0.160 + 0.000
 2F   B123 2SC125X50X20X2                   02RC02   0.183  02RC72   0.000
                02RC68(T)   0.209  = 0.000 + 0.209 + 0.000
 2F   B124 2SC125X50X20X2                   02RC02   0.191  02RC72   0.000
                02RC68(T)   0.210  = 0.000 + 0.210 + 0.000
 2F   B125 2SC125X50X20X2                   02RC02   0.191  02RC72   0.000
                02RC02(T)   0.286  = 0.000 + 0.286 + 0.000
 2F   B126 2SC125X50X20X2                   02RC68   0.075  02RC72   0.000
                02RC68(T)   0.157  = 0.000 + 0.157 + 0.000
PRF   B127 C125X50X20X2.0                    02RC71   0.082  02RC72   0.000
                02RC71(C)   0.470  = 0.000 + 0.470 + 0.000
                02RC49(T)   0.051  = 0.000 + 0.051 + 0.000
PRF   B128 C125X50X20X2.0                    02RC71   0.053  02RC72   0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
PRF   B129 C125X50X20X2.0                    02RC71   0.090  02RC72   0.000
                02RC71(T)   0.566  = 0.000 + 0.566 + 0.000
PRF   B130 C125X50X20X2.0                    02RC71   0.054  02RC72   0.000
                02RC33(C)   0.060  = 0.000 + 0.060 + 0.000
                02RC71(T)   0.202  = 0.000 + 0.202 + 0.000
 2F   B131 Z125X50X20X2.0                    02RC02   0.076  02RC72   0.000
                02RC02(T)   0.449  = 0.000 + 0.449 + 0.000
 2F   B132 Z125X50X20X2.0                    02RC02   0.049  02RC72   0.000
                02RC02(T)   0.191  = 0.000 + 0.191 + 0.000
 2F   B133 Z125X50X20X2.0                    02RC02   0.084  02RC72   0.000
                02RC02(T)   0.540  = 0.000 + 0.540 + 0.000
 2F   B134 Z125X50X20X2.0                    02RC02   0.050  02RC72   0.000
                02RC02(T)   0.192  = 0.000 + 0.192 + 0.000
PRF   B135 C125X50X20X2.0                    02RC71   0.082  02RC72   0.000
                02RC71(T)   0.470  = 0.000 + 0.470 + 0.000
PRF   B136 C125X50X20X2.0                    02RC71   0.053  02RC72   0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
PRF   B137 C125X50X20X2.0                    02RC71   0.090  02RC72   0.000
                02RC71(T)   0.566  = 0.000 + 0.566 + 0.000
PRF   B138 C125X50X20X2.0                    02RC71   0.054  02RC72   0.000
                02RC71(T)   0.202  = 0.000 + 0.202 + 0.000
 2F   B139 Z125X50X20X2.0                    02RC02   0.076  02RC72   0.000
                02RC02(T)   0.449  = 0.000 + 0.449 + 0.000
 2F   B140 Z125X50X20X2.0                    02RC02   0.049  02RC72   0.000
                02RC02(T)   0.191  = 0.000 + 0.191 + 0.000
 2F   B141 Z125X50X20X2.0                    02RC02   0.084  02RC72   0.000
                02RC02(T)   0.540  = 0.000 + 0.540 + 0.000
 2F   B142 Z125X50X20X2.0                    02RC02   0.050  02RC72   0.000
                02RC02(T)   0.192  = 0.000 + 0.192 + 0.000
PRF   B143 C125X50X20X2.0                    02RC71   0.082  02RC72   0.000
                02RC71(T)   0.470  = 0.000 + 0.470 + 0.000
PRF   B144 C125X50X20X2.0                    02RC71   0.053  02RC72   0.000
                02RC71(T)   0.200  = 0.000 + 0.200 + 0.000
PRF   B145 C125X50X20X2.0                    02RC71   0.090  02RC72   0.000
                02RC71(T)   0.566  = 0.000 + 0.566 + 0.000
PRF   B146 C125X50X20X2.0                    02RC71   0.054  02RC72   0.000
                02RC71(T)   0.202  = 0.000 + 0.202 + 0.000
 2F   B147 2SC125X50X20X2                   02RC67   0.066  02RC72   0.000
                02RC67(T)   0.152  = 0.000 + 0.152 + 0.000
PRF   B148 2SC125X50X20X2                   02RC71   0.072  02RC72   0.000
                02RC71(T)   0.138  = 0.000 + 0.138 + 0.000
 2F   B149 2SC125X50X20X2                   02RC67   0.063  02RC72   0.000
                02RC67(T)   0.149  = 0.000 + 0.149 + 0.000
PRF   B150 2SC125X50X20X2                   02RC71   0.061  02RC72   0.000
                02RC71(T)   0.100  = 0.000 + 0.100 + 0.000
 2F   B151 2SC125X50X20X2                   02RC02   0.083  02RC72   0.000
                02RC02(T)   0.173  = 0.000 + 0.173 + 0.000
PRF   B152 2SC125X50X20X2                   02RC71   0.092  02RC72   0.000
                02RC71(T)   0.204  = 0.000 + 0.204 + 0.000
 2F   B153 2SC125X50X20X2                   02RC67   0.128  02RC72   0.000
                02RC67(T)   0.195  = 0.000 + 0.195 + 0.000
PRF   B154 2SC125X50X20X2                   02RC71   0.101  02RC72   0.000
                02RC67(T)   0.143  = 0.000 + 0.143 + 0.000
 2F   B155 C125X50X20X2.0                    02RC71   0.096  02RC72   0.000
                02RC71(T)   0.391  = 0.000 + 0.391 + 0.000
 2F   B156 C125X50X20X2.0                    02RC71   0.071  02RC72   0.000
                02RC71(T)   0.289  = 0.000 + 0.289 + 0.000
 2F   B158 C125X50X20X2.0                    02RC71   0.097  02RC72   0.000
                02RC71(T)   0.393  = 0.000 + 0.393 + 0.000
 2F   B159 C125X50X20X2.0                    02RC71   0.071  02RC72   0.000
                02RC71(T)   0.293  = 0.000 + 0.293 + 0.000
 2F   B161 C125X50X20X2.0                    02RC71   0.096  02RC72   0.000
                02RC71(T)   0.392  = 0.000 + 0.392 + 0.000
 2F   B162 C125X50X20X2.0                    02RC71   0.071  02RC72   0.000
                02RC71(T)   0.294  = 0.000 + 0.294 + 0.000
 2F   B163 2SC125X50X20X2                   02RC71   0.096  02RC72   0.000
                02RC71(T)   0.223  = 0.000 + 0.223 + 0.000
 2F   B165 2SC125X50X20X2                   02RC71   0.084  02RC72   0.000
                02RC71(T)   0.180  = 0.000 + 0.180 + 0.000
```


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

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

 2F    D1  2SC125X50X20X2                    02RC72   0.102  02RC71   0.026
                02RC68(C)   0.210  = 0.018 + 0.171 + 0.020
                02RC72(T)   0.138  = 0.012 + 0.121 + 0.005
 2F    D2  2SC125X50X20X2                    02RC68   0.129  02RC71   0.065
                02RC68(C)   0.241  = 0.041 + 0.158 + 0.043
                02RC68(T)   0.284  = 0.047 + 0.204 + 0.033
 2F    D3  2SC125X50X20X2                    02RC68   0.212  02RC71   0.066
                02RC68(C)   0.392  = 0.002 + 0.348 + 0.042
                02RC71(T)   0.324  = 0.067 + 0.105 + 0.151
 2F    D4  2SC125X50X20X2                    02RC68   0.116  02RC71   0.057
                02RC71(C)   0.223  = 0.014 + 0.061 + 0.148
                02RC68(T)   0.227  = 0.013 + 0.195 + 0.019
PRF    D5  ROD25                 l/r > 300          02RC01   0.000  02RC71   0.000
                02RC02(T)   0.042  = 0.014 + 0.027 + 0.005
PRF    D6  ROD25                 l/r > 300          02RC01   0.000  02RC67   0.000
                02RC02(T)   0.041  = 0.014 + 0.027 + 0.004
PRF    D7  U100X100X2.0                     02RC71   0.003  02RC68   0.002
                02RC67(C)   0.070  = 0.055 + 0.014 + 0.001
                02RC68(T)   0.034  = 0.013 + 0.006 + 0.015
 2F    D8  U100X100X2.0                     02RC67   0.013  02RC72   0.009
                02RC67(C)   0.371  = 0.275 + 0.074 + 0.022
                02RC72(T)   0.082  = 0.025 + 0.002 + 0.055
PRF    D9  U100X100X2.0                     02RC67   0.004  02RC68   0.002
                02RC15(C)   0.017  = 0.012 + 0.003 + 0.002
                02RC71(T)   0.068  = 0.052 + 0.010 + 0.007
 2F    D10 U100X100X2.0                     02RC67   0.014  02RC72   0.013
                02RC16(C)   0.036  = 0.024 + 0.011 + 0.001
                02RC71(T)   0.327  = 0.230 + 0.078 + 0.019
PRF    D11 U100X100X2.0                     02RC02   0.005  02RC67   0.002
                02RC68(C)   0.046  = 0.023 + 0.021 + 0.001
                02RC67(T)   0.067  = 0.039 + 0.013 + 0.015
 2F    D12 U100X100X2.0                     02RC72   0.008  02RC71   0.014
                02RC72(C)   0.130  = 0.078 + 0.052 + 0.000
                02RC67(T)   0.185  = 0.076 + 0.022 + 0.086
PRF    D13 U100X100X2.0                     02RC68   0.003  02RC71   0.001
                02RC68(C)   0.069  = 0.055 + 0.013 + 0.000
                02RC71(T)   0.040  = 0.011 + 0.008 + 0.021
PRF    D14 U100X100X2.0                     02RC02   0.009  02RC71   0.006
                02RC68(C)   0.065  = 0.021 + 0.039 + 0.005
                02RC71(T)   0.055  = 0.004 + 0.010 + 0.041
 2F    D15 U100X100X2.0                     02RC68   0.014  02RC71   0.017
```

02RC68(C) 0.155 = 0.086 + 0.067 + 0.002
02RC71(T) 0.113 = 0.014 + 0.005 + 0.093
PRF D16 U100X100X2.0 02RC02 0.004 02RC67 0.002
02RC67(C) 0.071 = 0.042 + 0.013 + 0.016
02RC13(T) 0.023 = 0.010 + 0.013 + 0.000
2F D17 U100X100X2.0 02RC68 0.012 02RC67 0.015
02RC67(C) 0.192 = 0.089 + 0.015 + 0.088
02RC46(T) 0.026 = 0.012 + 0.013 + 0.001
PRF D18 2SC125X50X20X2 02RC71 0.070 02RC71 0.040
02RC68(C) 0.072 = 0.041 + 0.031 + 0.000
02RC71(T) 0.163 = 0.047 + 0.061 + 0.055
PRF D19 2SC125X50X20X2 02RC71 0.101 02RC71 0.036
02RC68(C) 0.130 = 0.068 + 0.061 + 0.002
02RC71(T) 0.200 = 0.066 + 0.085 + 0.049
PRF D20 2SC125X50X20X2 02RC71 0.104 02RC71 0.037
02RC68(C) 0.106 = 0.088 + 0.012 + 0.006
02RC71(T) 0.200 = 0.063 + 0.086 + 0.051
PRF D21 2SC125X50X20X2 02RC02 0.058 02RC71 0.019
02RC71(C) 0.234 = 0.217 + 0.017 + 0.000
02RC71(T) 0.234 = 0.089 + 0.080 + 0.064
PRF D22 2SC125X50X20X2 02RC71 0.025 02RC71 0.040
02RC72(C) 0.089 = 0.059 + 0.028 + 0.002
02RC71(T) 0.115 = 0.018 + 0.040 + 0.057
2F D23 U100X100X2.0 02RC68 0.012 02RC67 0.012
02RC68(C) 0.257 = 0.203 + 0.054 + 0.000
02RC71(T) 0.114 = 0.022 + 0.013 + 0.079
PRF D24 U100X100X2.0 02RC71 0.007 02RC72 0.001
02RC67(C) 0.065 = 0.021 + 0.035 + 0.009
02RC12(T) 0.014 = 0.003 + 0.008 + 0.002
2F D25 U100X100X2.0 02RC71 0.011 02RC68 0.014
02RC71(C) 0.170 = 0.073 + 0.073 + 0.024
02RC15(T) 0.028 = 0.005 + 0.017 + 0.005
PRF D26 U100X100X2.0 02RC67 0.008 02RC72 0.002
02RC68(C) 0.028 = 0.004 + 0.002 + 0.021
02RC71(T) 0.073 = 0.029 + 0.036 + 0.007
2F D27 U100X100X2.0 02RC67 0.012 02RC68 0.014
02RC68(C) 0.081 = 0.008 + 0.003 + 0.070
02RC67(T) 0.166 = 0.062 + 0.077 + 0.027
PRF D28 2SC125X50X20X2 02RC71 0.081 02RC71 0.035
02RC71(C) 0.116 = 0.028 + 0.048 + 0.040
02RC71(T) 0.165 = 0.044 + 0.073 + 0.047
PRF D29 2SC125X50X20X2 02RC71 0.101 02RC71 0.033
02RC71(C) 0.089 = 0.017 + 0.034 + 0.039
02RC71(T) 0.153 = 0.044 + 0.063 + 0.046
PRF D30 2SC125X50X20X2 02RC71 0.107 02RC71 0.033
02RC68(C) 0.101 = 0.035 + 0.064 + 0.002
02RC71(T) 0.158 = 0.048 + 0.066 + 0.045
PRF D31 2SC125X50X20X2 02RC71 0.108 02RC71 0.035
02RC68(C) 0.135 = 0.068 + 0.066 + 0.002
02RC71(T) 0.209 = 0.088 + 0.114 + 0.006
PRF D32 2SC125X50X20X2 02RC71 0.089 02RC71 0.035
02RC71(C) 0.107 = 0.040 + 0.057 + 0.010
02RC71(T) 0.096 = 0.032 + 0.055 + 0.009
PRF D33 U100X100X2.0 02RC68 0.003 02RC67 0.001
02RC11(C) 0.012 = 0.006 + 0.004 + 0.002
02RC68(T) 0.036 = 0.024 + 0.011 + 0.001
2F D34 U100X100X2.0 02RC68 0.009 02RC71 0.011
02RC11(C) 0.035 = 0.016 + 0.003 + 0.015
02RC72(T) 0.116 = 0.060 + 0.056 + 0.001
PRF D35 U100X100X2.0 02RC68 0.004 02RC71 0.002
02RC71(C) 0.034 = 0.001 + 0.010 + 0.023
02RC68(T) 0.034 = 0.016 + 0.013 + 0.004
2F D36 U100X100X2.0 02RC68 0.011 02RC71 0.014
02RC67(C) 0.088 = 0.010 + 0.006 + 0.071
02RC72(T) 0.109 = 0.045 + 0.062 + 0.003
PRF D37 U100X100X2.0 02RC68 0.003 02RC71 0.004
02RC17(C) 0.013 = 0.005 + 0.007 + 0.002
02RC71(T) 0.048 = 0.003 + 0.010 + 0.035
2F D38 U100X100X2.0 02RC68 0.014 02RC71 0.013
02RC11(C) 0.035 = 0.010 + 0.005 + 0.020
02RC68(T) 0.123 = 0.043 + 0.074 + 0.006
PRF D39 U100X100X2.0 02RC68 0.003 02RC68 0.004
02RC13(C) 0.011 = 0.005 + 0.000 + 0.006
02RC68(T) 0.054 = 0.020 + 0.011 + 0.023
2F D40 U100X100X2.0 02RC68 0.015 02RC67 0.018
02RC03(C) 0.035 = 0.010 + 0.005 + 0.021
02RC68(T) 0.125 = 0.045 + 0.076 + 0.005
PRF D41 U100X100X2.0 02RC68 0.003 02RC71 0.002
02RC67(C) 0.030 = 0.011 + 0.003 + 0.016
02RC68(T) 0.042 = 0.032 + 0.009 + 0.001
2F D42 U100X100X2.0 02RC68 0.013 02RC67 0.011
02RC67(C) 0.106 = 0.009 + 0.032 + 0.064
02RC68(T) 0.142 = 0.070 + 0.069 + 0.002
PRF D43 U100X100X2.0 02RC71 0.003 02RC72 0.001
02RC71(C) 0.037 = 0.026 + 0.011 + 0.000
02RC11(T) 0.015 = 0.008 + 0.006 + 0.000
2F D44 U100X100X2.0 02RC71 0.009 02RC68 0.010
02RC71(C) 0.147 = 0.068 + 0.059 + 0.020
02RC11(T) 0.032 = 0.015 + 0.017 + 0.000
PRF D45 U100X100X2.0 02RC67 0.003 02RC67 0.001
02RC68(C) 0.042 = 0.024 + 0.005 + 0.014
02RC71(T) 0.045 = 0.030 + 0.012 + 0.004
2F D46 U100X100X2.0 02RC67 0.010 02RC68 0.013
02RC68(C) 0.114 = 0.043 + 0.003 + 0.068
02RC71(T) 0.148 = 0.063 + 0.062 + 0.023
2F D47 2SC125X50X20X2 02RC68 0.145 02RC71 0.234
02RC71(C) 0.464 = 0.006 + 0.010 + 0.448
02RC71(T) 0.468 = 0.008 + 0.010 + 0.449
2F D48 2SC125X50X20X2 02RC68 0.159 02RC71 0.106
02RC68(C) 0.342 = 0.058 + 0.226 + 0.058
02RC71(T) 0.232 = 0.033 + 0.021 + 0.178
2F D49 2SC125X50X20X2 02RC68 0.138 02RC71 0.054
02RC71(C) 0.269 = 0.047 + 0.112 + 0.109
02RC13(T) 0.057 = 0.004 + 0.046 + 0.007

```
$ File E:\WORK\2022\2208A\MODEL\SAFE\SC2-2\2208A-SC2-2-220812-001.UPE saved 8/14/22 22:33:44 in Ton-m
  SAFE "8.1.0"
  UNITS  Ton  m
$ TITLES
  TITLE1  "Lo-Lat Structure Studio"
  TITLE2  ""
$ GRIDS
  GRID  "GLOBAL"  X  "1"  0
  GRID  "GLOBAL"  X  "2"  3.1
  GRID  "GLOBAL"  X  "3"  5.1
  GRID  "GLOBAL"  X  "4"  8.5
  GRID  "GLOBAL"  X  "5"  10.55
  GRID  "GLOBAL"  Y  "0A"  0
  GRID  "GLOBAL"  Y  "A"  2.025
  GRID  "GLOBAL"  Y  "B"  5.625
  GRID  "GLOBAL"  Y  "C"  8.425
  GRID  "GLOBAL"  Y  "D"  9.75
  MESH  MAX  1
$ BEAM PROPERTIES
  BEAMPROP  "RB60X40C4"  E 2509980  U 0.2  W 2.4
  BEAMPROP  "RB60X40C4"  TYPE R  B 0.6  D 0.4
  BEAMPROP  "RB60X40C4"  DSNSEC  0
  BEAMPROP  "RB60X40C4"  BDESIGN 0.6  DDESIGN 0.4
  BEAMPROP  "RB60X40C4"  CT 0.04  CB 0.04
  BEAMPROP  "RB60X40C4"  FC 2800  FY 42000  FYS 42000  FCS 2800
$ SLAB PROPERTIES
  SLABPROP  "S40"  E 2509980  U 0.2  W 2.4
  SLABPROP  "S40"  T 0.4  TYPE THICK
  SLABPROP  "S40"  CT1 0.08  CTJ 0.08  CB1 0.08  CBJ 0.08
  SLABPROP  "S40"  FC 2800  FY 42000
  SLABPROP  "Col_Stiff"  E 2509980  U 0.2  W 2.4
  SLABPROP  "Col_Stiff"  T 2  TYPE THICK
  SLABPROP  "Col_Stiff"  DESIGN NO
$ COLUMN PROPERTIES
$ WALL PROPERTIES
$ SOIL PROPERTIES
  SOILPROP  "F2"  K 1000
  SOILPROP  "F3"  K 1000
  SOILPROP  "F1"  K 1000
  SOILPROP  "F4"  K 1000
  SOILPROP  "F5"  K 1000
  SOILPROP  "F6"  K 1000
  SOILPROP  "F7"  K 1000
  SOILPROP  "F8"  K 1000
  SOILPROP  "F9"  K 1000
  SOILPROP  "F10"  K 1000
$ POINT COORDINATES
  POINT  "27"  0  2.025
  POINT  "29"  3.1  2.025
  POINT  "30"  5.1  2.025
  POINT  "31"  8.5  2.025
  POINT  "33"  10.55  2.025
  POINT  "114"  0  5.625
  POINT  "116"  3.1  5.625
  POINT  "117"  5.1  5.625
  POINT  "118"  8.5  5.625
  POINT  "120"  10.55  5.625
  POINT  "176"  0  8.425
  POINT  "178"  3.1  8.425
  POINT  "179"  5.1  8.425
  POINT  "180"  8.5  8.425
  POINT  "182"  10.55  8.425
  POINT  "192"  5.1  9.75
  POINT  "194"  10.55  9.75
  POINT  "1"  3.1  0
  POINT  "4"  10.55  0
  POINT  "58"  0  3.225
  POINT  "151"  0  7.225
  POINT  "59"  3.1  3.225
  POINT  "152"  3.1  7.225
  POINT  "88"  3.1  4.425
  POINT  "60"  5.1  3.225
  POINT  "153"  5.1  7.225
  POINT  "2"  5.1  0
  POINT  "154"  8.5  7.225
  POINT  "3"  8.5  0
  POINT  "193"  8.5  9.75
  POINT  "62"  10.55  3.225
  POINT  "155"  10.55  7.225
  POINT  "28"  1.2  2.025
  POINT  "32"  9.35  2.025
  POINT  "177"  1.2  8.425
  POINT  "181"  9.35  8.425
  POINT  "115"  1.2  5.625
  POINT  "119"  9.35  5.625
$ LINE CONNECTIVITY
  LINE  "B24"  0  2.025  3.1  2.025
  LINE  "B26"  3.1  2.025  5.1  2.025
  LINE  "B28"  5.1  2.025  8.5  2.025
  LINE  "B30"  8.5  2.025  10.55  2.025
  LINE  "B94"  0  5.625  3.1  5.625
  LINE  "B96"  3.1  5.625  5.1  5.625
  LINE  "B98"  5.1  5.625  8.5  5.625
  LINE  "B100"  8.5  5.625  10.55  5.625
  LINE  "B147"  0  8.425  3.1  8.425
  LINE  "B149"  3.1  8.425  5.1  8.425
  LINE  "B151"  5.1  8.425  8.5  8.425
  LINE  "B153"  8.5  8.425  10.55  8.425
  LINE  "B157"  5.1  8.425  5.1  9.75
  LINE  "B164"  5.1  9.75  10.55  9.75
  LINE  "B160"  10.55  8.425  10.55  9.75
  LINE  "B3"  3.1  0  10.55  0
  LINE  "B13"  10.55  0  10.55  2.025
  LINE  "B12"  3.1  0  3.1  2.025
  LINE  "B57"  3.1  2.025  3.1  5.625
  LINE  "B123"  3.1  5.625  3.1  8.425
  LINE  "B56"  0  2.025  0  5.625
  LINE  "B122"  0  5.625  0  8.425
  LINE  "B58"  5.1  2.025  5.1  5.625
  LINE  "B124"  5.1  5.625  5.1  8.425
  LINE  "B59"  8.5  2.025  8.5  5.625
  LINE  "B125"  8.5  5.625  8.5  8.425
  LINE  "B60"  10.55  2.025  10.55  5.625
  LINE  "B126"  10.55  5.625  10.55  8.425
$ AREA CONNECTIVITY
  AREA  "F2"  4 0  2.025  3.1  2.025  3.1  5.625  0  5.625
  AREA  "F3"  4 3.1  2.025  5.1  2.025  5.1  5.625  3.1  5.625
  AREA  "F1"  4 3.1  2.025  3.1  0  10.55  0  10.55  2.025
  AREA  "F4"  4 5.1  2.025  8.5  2.025  8.5  5.625  5.1  5.625
  AREA  "F5"  4 8.5  2.025  10.55  2.025  10.55  5.625  8.5  5.625
  AREA  "F6"  4 0  5.625  3.1  5.625  3.1  8.425  0  8.425
  AREA  "F7"  4 3.1  5.625  5.1  5.625  5.1  8.425  3.1  8.425
  AREA  "F8"  4 5.1  5.625  8.5  5.625  8.5  8.425  5.1  8.425
  AREA  "F9"  4 8.5  5.625  10.55  5.625  10.55  8.425  8.5  8.425
  AREA  "F10"  4 5.1  8.425  10.55  8.425  10.55  9.75  5.1  9.75
$ BEAM ASSIGNS
  BEAM  "B24"  "RB60X40C4"
  BEAM  "B26"  "RB60X40C4"
  BEAM  "B28"  "RB60X40C4"
  BEAM  "B30"  "RB60X40C4"
  BEAM  "B94"  "RB60X40C4"
  BEAM  "B96"  "RB60X40C4"
  BEAM  "B98"  "RB60X40C4"
  BEAM  "B100"  "RB60X40C4"
  BEAM  "B147"  "RB60X40C4"
  BEAM  "B149"  "RB60X40C4"
  BEAM  "B151"  "RB60X40C4"
  BEAM  "B153"  "RB60X40C4"
  BEAM  "B157"  "RB60X40C4"
  BEAM  "B164"  "RB60X40C4"
  BEAM  "B160"  "RB60X40C4"
  BEAM  "B3"  "RB60X40C4"
  BEAM  "B13"  "RB60X40C4"
  BEAM  "B12"  "RB60X40C4"
  BEAM  "B57"  "RB60X40C4"
  BEAM  "B123"  "RB60X40C4"
  BEAM  "B56"  "RB60X40C4"
  BEAM  "B122"  "RB60X40C4"
  BEAM  "B58"  "RB60X40C4"
  BEAM  "B124"  "RB60X40C4"
  BEAM  "B59"  "RB60X40C4"
  BEAM  "B125"  "RB60X40C4"
  BEAM  "B60"  "RB60X40C4"
  BEAM  "B126"  "RB60X40C4"
$ SLAB ASSIGNS
  SLAB  "F2"  "S40"
  SLAB  "F3"  "S40"
  SLAB  "F1"  "S40"
  SLAB  "F4"  "S40"
  SLAB  "F5"  "S40"
  SLAB  "F6"  "S40"
  SLAB  "F7"  "S40"
  SLAB  "F8"  "S40"
  SLAB  "F9"  "S40"
  SLAB  "F10"  "S40"
$ COLUMN ASSIGNS
$ WALL ASSIGNS
$ SOIL ASSIGNS
  SOIL  "F2"  "F2"
  SOIL  "F3"  "F3"
  SOIL  "F1"  "F1"
  SOIL  "F4"  "F4"
  SOIL  "F5"  "F5"
  SOIL  "F6"  "F6"
  SOIL  "F7"  "F7"
  SOIL  "F8"  "F8"
  SOIL  "F9"  "F9"
  SOIL  "F10"  "F10"
$ RELEASE ASSIGNS
$ LOADS
  LOAD "DL"  TYPE  DEAD  SELFWEIGHT  1  LTDFACTOR  3
  POINTLOAD  "DL"  "27"  F  8.854603E-02  MX  8.8068E-04  MY  -4.537772E-04
  POINTLOAD  "DL"  "176"  F  0.0799743  MX  -5.116632E-04  MY  -7.015583E-04
  POINTLOAD  "DL"  "58"  F  0.2233682  MX  5.653633E-03  MY  -2.52657E-04
  POINTLOAD  "DL"  "151"  F  0.2405168  MX  -4.354098E-03  MY  -6.0347E-04
  POINTLOAD  "DL"  "114"  F  0.1206311  MX  -4.68599E-04  MY  -7.07111E-04
  POINTLOAD  "DL"  "29"  F  0.1617251  MX  -3.24579E-04  MY  5.454338E-05
  POINTLOAD  "DL"  "178"  F  0.1056459  MX  -8.64025E-04  MY  -1.775041E-04
  POINTLOAD  "DL"  "59"  F  0.1525212  MX  -2.261452E-04  MY  4.394048E-05
  POINTLOAD  "DL"  "152"  F  0.2862717  MX  -5.046941E-03  MY  -2.229559E-04
  POINTLOAD  "DL"  "116"  F  0.2007868  MX  7.257631E-04  MY  -1.255369E-04
  POINTLOAD  "DL"  "88"  F  0.2026441  MX  4.674287E-03  MY  9.127453E-06
  POINTLOAD  "DL"  "1"  F  0.0647954  MX  7.831326E-04  MY  -5.028811E-04
  POINTLOAD  "DL"  "30"  F  0.1522156  MX  -9.228504E-05  MY  -4.556665E-04
  POINTLOAD  "DL"  "179"  F  0.1157986  MX  -7.369245E-04  MY  -7.42218E-04
  POINTLOAD  "DL"  "60"  F  0.3492753  MX  5.274817E-03  MY  -2.143987E-04
  POINTLOAD  "DL"  "153"  F  0.3003571  MX  -4.98625E-03  MY  -5.916586E-04
  POINTLOAD  "DL"  "117"  F  0.2368274  MX  -1.43296E-03  MY  -9.007716E-04
  POINTLOAD  "DL"  "2"  F  9.501304E-02  MX  9.113385E-04  MY  -1.262664E-03
  POINTLOAD  "DL"  "192"  F  7.313333E-02  MX  -3.332933E-04  MY  -3.318332E-03
  POINTLOAD  "DL"  "31"  F  0.2340646  MX  3.938168E-03  MY  1.294371E-03
  POINTLOAD  "DL"  "180"  F  0.1219029  MX  -8.247377E-04  MY  5.552017E-04
  POINTLOAD  "DL"  "154"  F  0.3007663  MX  -5.079178E-03  MY  2.348667E-04
  POINTLOAD  "DL"  "118"  F  0.2569164  MX  -4.603389E-03  MY  1.342851E-03
  POINTLOAD  "DL"  "3"  F  0.1014868  MX  7.922404E-04  MY  1.841823E-03
  POINTLOAD  "DL"  "193"  F  9.052887E-02  MX  -6.628894E-04  MY  1.226805E-03
  POINTLOAD  "DL"  "33"  F  8.517767E-02  MX  2.105316E-04  MY  6.476403E-04
  POINTLOAD  "DL"  "182"  F  7.910404E-02  MX  -7.797008E-04  MY  3.859093E-04
  POINTLOAD  "DL"  "62"  F  0.2318701  MX  4.481158E-03  MY  5.298195E-04
  POINTLOAD  "DL"  "155"  F  0.2075273  MX  -4.991792E-03  MY  1.783849E-04
  POINTLOAD  "DL"  "120"  F  0.111029  MX  -8.094689E-04  MY  6.425374E-04
  POINTLOAD  "DL"  "4"  F  5.557836E-02  MX  3.302952E-05  MY  1.141431E-03
  POINTLOAD  "DL"  "194"  F  5.567322E-02  MX  -5.500577E-04  MY  4.884602E-04
  POINTLOAD  "DL"  "28"  F  0.2200134  MX  6.646149E-04  MY  -4.395588E-03
  POINTLOAD  "DL"  "32"  F  0.2062729  MX  -1.643432E-04  MY  4.811063E-03
  POINTLOAD  "DL"  "177"  F  0.1883657  MX  -2.696688E-04  MY  -4.807716E-03
  POINTLOAD  "DL"  "181"  F  0.2013662  MX  -7.904951E-04  MY  4.032763E-03
  POINTLOAD  "DL"  "115"  F  0.2615429  MX  -3.213499E-04  MY  -4.893222E-03
  POINTLOAD  "DL"  "119"  F  0.2575389  MX  -9.244882E-04  MY  4.751006E-03
  LOAD "SDL"  TYPE  DEAD  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "SDL"  "27"  F  6.154176E-02  MX  1.28402E-03  MY  -2.293982E-04
  POINTLOAD  "SDL"  "176"  F  4.300837E-02  MX  -2.545497E-04  MY  -7.407686E-04
  POINTLOAD  "SDL"  "58"  F  0.1909295  MX  5.068855E-03  MY  -1.437342E-04
  POINTLOAD  "SDL"  "151"  F  0.2275759  MX  -5.492142E-04  MY  -8.303032E-04
  POINTLOAD  "SDL"  "114"  F  0.1261647  MX  -2.137476E-03  MY  -4.658033E-04
  POINTLOAD  "SDL"  "29"  F  0.2339069  MX  -8.080982E-06  MY  -1.337242E-04
  POINTLOAD  "SDL"  "178"  F  0.1203794  MX  -1.249849E-03  MY  -5.155027E-04
  POINTLOAD  "SDL"  "59"  F  0.2234089  MX  -1.479258E-04  MY  9.074241E-05
  POINTLOAD  "SDL"  "152"  F  0.421869  MX  -2.748513E-03  MY  -6.253539E-04
  POINTLOAD  "SDL"  "116"  F  0.3549605  MX  2.139994E-03  MY  -4.613251E-04
  POINTLOAD  "SDL"  "88"  F  0.3195503  MX  1.393072E-03  MY  -1.193092E-04
  POINTLOAD  "SDL"  "1"  F  7.668865E-02  MX  1.767936E-03  MY  -2.197423E-03
  POINTLOAD  "SDL"  "30"  F  0.274212  MX  -1.132105E-03  MY  -1.696067E-03
  POINTLOAD  "SDL"  "179"  F  0.1650782  MX  -9.013594E-04  MY  -2.267692E-03
  POINTLOAD  "SDL"  "60"  F  0.6554449  MX  5.890532E-03  MY  -9.921775E-04
  POINTLOAD  "SDL"  "153"  F  0.4912591  MX  -2.482777E-03  MY  -1.80937E-03
  POINTLOAD  "SDL"  "117"  F  0.480122  MX  -6.300549E-03  MY  -3.177184E-03
  POINTLOAD  "SDL"  "2"  F  0.2258243  MX  3.486989E-03  MY  -4.551393E-03
  POINTLOAD  "SDL"  "192"  F  0.1146663  MX  -7.093961E-04  MY  -1.003471E-02
  POINTLOAD  "SDL"  "31"  F  0.5965474  MX  1.893867E-02  MY  4.162503E-03
  POINTLOAD  "SDL"  "180"  F  0.1927153  MX  -8.349636E-04  MY  1.984023E-03
  POINTLOAD  "SDL"  "154"  F  0.5130094  MX  -2.139182E-03  MY  9.542127E-04
  POINTLOAD  "SDL"  "118"  F  0.5714098  MX  -2.034211E-02  MY  4.838137E-03
  POINTLOAD  "SDL"  "3"  F  0.2495316  MX  3.470726E-03  MY  5.015837E-03
  POINTLOAD  "SDL"  "193"  F  0.1915438  MX  -1.792689E-03  MY  3.848719E-03
  POINTLOAD  "SDL"  "33"  F  4.651743E-02  MX  -2.159599E-04  MY  4.390499E-04
  POINTLOAD  "SDL"  "182"  F  3.103467E-02  MX  -6.547813E-04  MY  -1.055327E-04
  POINTLOAD  "SDL"  "62"  F  0.168244  MX  1.820972E-03  MY  4.094855E-04
  POINTLOAD  "SDL"  "155"  F  0.1206855  MX  -6.0015703  MY  -3.508762E-04
  POINTLOAD  "SDL"  "120"  F  0.0745807  MX  -2.230993E-03  MY  2.202654E-04
  POINTLOAD  "SDL"  "4"  F  5.615738E-02  MX  2.439541E-04  MY  2.949058E-03
  POINTLOAD  "SDL"  "194"  F  0.0444454  MX  -7.279256E-04  MY  1.610686E-03
  POINTLOAD  "SDL"  "28"  F  0.1478139  MX  1.280181E-03  MY  -7.565318E-04
  POINTLOAD  "SDL"  "32"  F  0.1556544  MX  -4.999841E-04  MY  1.635008E-03
  POINTLOAD  "SDL"  "177"  F  8.883531E-02  MX  1.222282E-04  MY  -1.621264E-03
  POINTLOAD  "SDL"  "181"  F  0.1250943  MX  -8.692423E-04  MY  -3.677252E-04
  POINTLOAD  "SDL"  "115"  F  0.1989762  MX  -1.546093E-03  MY  -1.597126E-03
  POINTLOAD  "SDL"  "119"  F  0.1970126  MX  -2.374733E-03  MY  1.140318E-03
  AREALOAD  "SDL"  "F2"  W  0.3
  AREALOAD  "SDL"  "F3"  W  0.3
  AREALOAD  "SDL"  "F1"  W  0.3
  AREALOAD  "SDL"  "F4"  W  0.3
  AREALOAD  "SDL"  "F5"  W  0.3
  AREALOAD  "SDL"  "F6"  W  0.3
  AREALOAD  "SDL"  "F7"  W  0.3
  AREALOAD  "SDL"  "F8"  W  0.3
  AREALOAD  "SDL"  "F9"  W  0.3
  AREALOAD  "SDL"  "F10"  W  0.3
  LOAD "LL"  TYPE  LIVE  SELFWEIGHT  0  LTDFACTOR  1
  POINTLOAD  "LL"  "27"  F  0.2149779  MX  5.568831E-03  MY  -1.509393E-03
  POINTLOAD  "LL"  "176"  F  0.1259893  MX  -1.815831E-03  MY  -2.950705E-03
  POINTLOAD  "LL"  "58"  F  0.6203704  MX  0.0236255  MY  -1.573022E-03
  POINTLOAD  "LL"  "151"  F  0.722598  MX  -3.544434E-03  MY  -3.505177E-03
  POINTLOAD  "LL"  "114"  F  0.4241737  MX  -1.151565E-02  MY  -2.14792E-03
  POINTLOAD  "LL"  "29"  F  0.7907712  MX  1.049517E-03  MY  -5.188678E-04
  POINTLOAD  "LL"  "178"  F  0.3568884  MX  -6.172821E-03  MY  -1.551078E-03
  POINTLOAD  "LL"  "59"  F  0.6719521  MX  4.728518E-04  MY  4.489391E-05
  POINTLOAD  "LL"  "152"  F  1.279321  MX  -1.253526E-02  MY  -2.129019E-03
  POINTLOAD  "LL"  "116"  F  1.020693  MX  8.897641E-03  MY  -1.571573E-03
  POINTLOAD  "LL"  "88"  F  1.20655  MX  5.180546E-03  MY  -6.789641E-04
  POINTLOAD  "LL"  "1"  F  0.16873  MX  5.681141E-03  MY  -3.298329E-03
  POINTLOAD  "LL"  "30"  F  0.8204852  MX  -1.193852E-03  MY  -9.889713E-03
  POINTLOAD  "LL"  "179"  F  0.4553628  MX  -5.165175E-03  MY  -1.139522E-02
  POINTLOAD  "LL"  "60"  F  1.967442  MX  3.181082E-02  MY  -8.391887E-03
  POINTLOAD  "LL"  "153"  F  1.441281  MX  -1.119191E-02  MY  -1.057114E-02
  POINTLOAD  "LL"  "117"  F  1.536577  MX  -3.097235E-02  MY  -1.559134E-02
  POINTLOAD  "LL"  "2"  F  0.3889852  MX  7.813751E-03  MY  -6.828662E-03
  POINTLOAD  "LL"  "192"  F  0.2139467  MX  -2.405492E-04  MY  -1.644414E-02
  POINTLOAD  "LL"  "31"  F  1.692423  MX  0.1025381  MY  2.018816E-02
  POINTLOAD  "LL"  "180"  F  0.4854747  MX  -5.590257E-03  MY  1.147395E-02
  POINTLOAD  "LL"  "154"  F  1.432553  MX  -9.139675E-03  MY  8.538968E-03
  POINTLOAD  "LL"  "118"  F  1.848513  MX  -0.1004518  MY  2.200605E-02
  POINTLOAD  "LL"  "3"  F  0.4152879  MX  6.964101E-03  MY  7.56781E-03
  POINTLOAD  "LL"  "193"  F  0.3266819  MX  -2.413465E-03  MY  4.208939E-03
  POINTLOAD  "LL"  "33"  F  0.1410842  MX  1.069338E-03  MY  1.714359E-03
  POINTLOAD  "LL"  "182"  F  7.222982E-02  MX  -2.368948E-03  MY  1.978393E-04
  POINTLOAD  "LL"  "62"  F  0.4781347  MX  1.198776E-02  MY  1.372691E-03
  POINTLOAD  "LL"  "155"  F  0.3927116  MX  -5.464458E-03  MY  -7.779562E-04
  POINTLOAD  "LL"  "120"  F  0.2532339  MX  -9.79762E-03  MY  1.058643E-03
  POINTLOAD  "LL"  "4"  F  9.251326E-02  MX  1.068102E-03  MY  4.471722E-03
  POINTLOAD  "LL"  "194"  F  7.016888E-02  MX  -6.607461E-04  MY  1.003855E-03
  POINTLOAD  "LL"  "28"  F  0.4869956  MX  5.657013E-03  MY  -4.740495E-03
  POINTLOAD  "LL"  "32"  F  0.4631254  MX  6.283509E-04  MY  3.989748E-03
  POINTLOAD  "LL"  "177"  F  0.2551874  MX  -4.333991E-04  MY  -7.010949E-03
  POINTLOAD  "LL"  "181"  F  0.3287491  MX  -2.755907E-03  MY  -1.779999E-03
  POINTLOAD  "LL"  "115"  F  0.6300915  MX  -8.691738E-03  MY  -6.788939E-03
  POINTLOAD  "LL"  "119"  F  0.5969467  MX  -9.692051E-03  MY  3.331741E-03
  AREALOAD  "LL"  "F2"  W  1
  AREALOAD  "LL"  "F3"  W  1
  AREALOAD  "LL"  "F1"  W  1
  AREALOAD  "LL"  "F4"  W  1
  AREALOAD  "LL"  "F5"  W  1
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AREALOAD "LL" "F6" W 1
AREALOAD "LL" "F7" W 1
AREALOAD "LL" "F8" W 1
AREALOAD "LL" "F9" W 1
AREALOAD "LL" "F10" W 1
LOAD "EXP" TYPE QUAKE SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "EXP" "27" F -0.7330402 MX -1.15803E-03 MY 3.662788E-02
POINTLOAD "EXP" "176" F -0.7215124 MX -2.311182E-03 MY 3.888951E-02
POINTLOAD "EXP" "58" F -1.00443 MX -4.970957E-03 MY 7.150468E-02
POINTLOAD "EXP" "151" F -1.197301 MX -1.26543E-03 MY 7.442965E-02
POINTLOAD "EXP" "114" F -1.075516 MX -1.587402E-03 MY 3.777551E-02
POINTLOAD "EXP" "29" F -3.303678E-03 MX -6.808938E-04 MY 4.532779E-02
POINTLOAD "EXP" "178" F 0.0170945 MX -5.776422E-04 MY 4.433016E-02
POINTLOAD "EXP" "59" F -5.103228E-03 MX -6.527159E-04 MY 3.569543E-02
POINTLOAD "EXP" "152" F -0.0048511 MX -1.137796E-03 MY 7.819493E-02
POINTLOAD "EXP" "116" F 8.208949E-03 MX -6.69489E-04 MY 0.0451226
POINTLOAD "EXP" "88" F 1.831561E-02 MX -1.172768E-03 MY 6.532042E-02
POINTLOAD "EXP" "1" F -2.637195E-02 MX -9.916889E-04 MY 6.681215E-02
POINTLOAD "EXP" "30" F 1.468112E-02 MX 1.786514E-04 MY 4.026023E-02
POINTLOAD "EXP" "179" F 4.606206E-03 MX 1.738426E-04 MY 4.304578E-02
POINTLOAD "EXP" "60" F 1.063967E-02 MX 3.475781E-04 MY 7.397734E-02
POINTLOAD "EXP" "153" F 2.020321E-02 MX 2.78441E-04 MY 7.733452E-02
POINTLOAD "EXP" "117" F 1.659936E-02 MX 1.839348E-04 MY 4.278892E-02
POINTLOAD "EXP" "2" F 1.877702E-02 MX 3.311452E-04 MY 7.266504E-02
POINTLOAD "EXP" "192" F -8.419507E-03 MX 2.654575E-04 MY 6.214052E-02
POINTLOAD "EXP" "31" F -0.1331826 MX 1.465506E-03 MY 4.634852E-02
POINTLOAD "EXP" "180" F -9.871297E-02 MX 1.699843E-03 MY 0.624659E-02
POINTLOAD "EXP" "154" F -7.214779E-02 MX 3.222408E-03 MY 7.973755E-02
POINTLOAD "EXP" "118" F -0.1189438 MX 1.730274E-03 MY 4.654361E-02
POINTLOAD "EXP" "3" F -2.979917E-02 MX 2.385223E-03 MY 7.236163E-02
POINTLOAD "EXP" "193" F -3.542312E-02 MX 2.713947E-03 MY 0.0720766
POINTLOAD "EXP" "33" F 0.7228526 MX 2.551757E-03 MY 3.697215E-02
POINTLOAD "EXP" "182" F 0.6773138 MX 2.046369E-03 MY 3.942918E-02
POINTLOAD "EXP" "62" F 0.9798054 MX 6.590996E-03 MY 7.184599E-02
POINTLOAD "EXP" "155" F 1.195448 MX 1.486893E-03 MY 7.494787E-02
POINTLOAD "EXP" "120" F 1.088531 MX 2.100052E-03 MY 3.776712E-02
POINTLOAD "EXP" "4" F 0.1121515 MX 5.772047E-03 MY 6.645935E-02
POINTLOAD "EXP" "194" F 0.1733729 MX 1.566368E-03 MY 6.55598E-02
POINTLOAD "EXP" "28" F 1.612013 MX -2.20256E-03 MY 7.295179E-02
POINTLOAD "EXP" "32" F -1.544609 MX 3.810552E-03 MY 7.537746E-02
POINTLOAD "EXP" "177" F 1.758788 MX -2.843553E-03 MY 7.744353E-02
POINTLOAD "EXP" "181" F -1.71815 MX 3.065169E-03 MY 8.020046E-02
POINTLOAD "EXP" "115" F 1.219015 MX -2.401164E-03 MY 7.457647E-02
POINTLOAD "EXP" "119" F -1.137599 MX 3.246942E-03 MY 7.672558E-02
LOAD "EYP" TYPE QUAKE SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "EYP" "27" F -0.4421977 MX -0.0249412 MY 1.5824578-03
POINTLOAD "EYP" "176" F 0.4519124 MX -2.492585E-02 MY -1.81518E-03
POINTLOAD "EYP" "58" F 0.877605 MX -4.771497E-02 MY 2.251742E-03
POINTLOAD "EYP" "151" F -0.849979 MX -4.841568E-02 MY -2.641646E-03
POINTLOAD "EYP" "114" F 6.508781E-03 MX -2.794609E-02 MY -3.698431E-04
POINTLOAD "EYP" "29" F -0.4317723 MX -3.413182E-02 MY 2.841771E-03
POINTLOAD "EYP" "178" F 0.6760581 MX -2.791183E-02 MY -2.915506E-03
POINTLOAD "EYP" "59" F -0.3295856 MX -3.076349E-02 MY 1.090356E-03
POINTLOAD "EYP" "152" F -0.6749516 MX -5.340414E-02 MY -3.356039E-03
POINTLOAD "EYP" "116" F -2.0067664E-02 MX -3.305807E-02 MY -4.360817E-04
POINTLOAD "EYP" "88" F 0.8471754 MX -5.888894E-02 MY 8.696797E-04
POINTLOAD "EYP" "1" F -7.342757E-02 MX -0.0528494 MY 6.004775E-03
POINTLOAD "EYP" "30" F -0.6665645 MX -3.336518E-02 MY 2.234104E-03
POINTLOAD "EYP" "179" F 0.6374883 MX -3.394818E-02 MY -2.479248E-03
POINTLOAD "EYP" "60" F 0.7625148 MX -5.878175E-02 MY 2.793319E-03
POINTLOAD "EYP" "153" F -0.7882026 MX -5.990455E-02 MY -3.078969E-03
POINTLOAD "EYP" "117" F -0.0119313 MX -3.385667E-02 MY -4.085561E-04
POINTLOAD "EYP" "2" F -9.916694E-02 MX -5.616001E-02 MY 6.458583E-03
POINTLOAD "EYP" "192" F 0.1750634 MX -5.229158E-02 MY -4.876352E-03
POINTLOAD "EYP" "31" F -1.782471E-02 MX -3.70431E-02 MY 3.089654E-03
POINTLOAD "EYP" "180" F 0.6809952 MX -3.675422E-02 MY -1.670473E-03
POINTLOAD "EYP" "154" F -0.8768131 MX -6.484827E-02 MY -2.640348E-03
POINTLOAD "EYP" "118" F -1.623981E-02 MX -0.035702 MY -5.16267E-04
POINTLOAD "EYP" "3" F -2.760117E-02 MX -5.920455E-02 MY 6.483523E-03
POINTLOAD "EYP" "193" F 0.187321 MX -5.667995E-02 MY -5.595359E-03
POINTLOAD "EYP" "33" F -0.4700714 MX -3.628501E-02 MY 2.540726E-03
POINTLOAD "EYP" "182" F 0.4513386 MX -3.668644E-02 MY -2.733082E-03
POINTLOAD "EYP" "62" F 1.294925 MX -6.469513E-02 MY 2.933894E-03
POINTLOAD "EYP" "155" F -1.30044 MX -6.589182E-02 MY -3.232936E-03
POINTLOAD "EYP" "120" F -2.380881E-02 MX -3.649085E-02 MY -3.473389E-04
POINTLOAD "EYP" "4" F -7.926946E-02 MX -6.311037E-02 MY 6.030983E-03
POINTLOAD "EYP" "194" F 0.1360457 MX -5.852292E-02 MY -5.069285E-03
POINTLOAD "EYP" "28" F -0.4661543 MX -0.0482606 MY 4.611236E-03
POINTLOAD "EYP" "32" F -0.7531808 MX -6.244795E-02 MY 3.898737E-03
POINTLOAD "EYP" "177" F 0.4501744 MX -4.824325E-02 MY -5.29961E-03
POINTLOAD "EYP" "181" F 0.8099317 MX -6.279976E-02 MY -2.762422E-03
POINTLOAD "EYP" "115" F -2.544785E-02 MX -5.025943E-02 MY -6.747902E-04
POINTLOAD "EYP" "119" F -3.59206E-04 MX -6.156758E-02 MY -7.760177E-04
LOAD "EXN" TYPE QUAKE SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "EXN" "27" F -0.7053443 MX 3.640273E-03 MY 3.937114E-02
POINTLOAD "EXN" "176" F -0.7487346 MX 2.484826E-03 MY 3.611638E-02
POINTLOAD "EXN" "58" F -1.218771 MX 4.060737E-03 MY 7.511531E-02
POINTLOAD "EXN" "151" F -0.9832467 MX 7.924612E-03 MY 0.0707624
POINTLOAD "EXN" "114" F -1.065885 MX 3.739686E-03 MY 3.743247E-02
POINTLOAD "EXN" "29" F 2.129445E-02 MX 1.767497E-03 MY 4.851784E-02
POINTLOAD "EXN" "178" F -2.650898E-02 MX 1.426263E-03 MY 4.127425E-02
POINTLOAD "EXN" "59" F 2.045292E-02 MX 1.57102E-03 MY 3.734509E-02
POINTLOAD "EXN" "152" F 3.903015E-02 MX 2.729337E-03 MY 7.431418E-02
POINTLOAD "EXN" "116" F 9.12673E-03 MX 1.692267E-03 MY 4.471694E-02
POINTLOAD "EXN" "88" F -3.752205E-02 MX 2.94969E-03 MY 6.681988E-02
POINTLOAD "EXN" "1" F -2.509962E-02 MX 2.641022E-03 MY 0.074279
POINTLOAD "EXN" "30" F 0.0182747 MX 3.897682E-04 MY 4.319643E-02
POINTLOAD "EXN" "179" F 1.413357E-03 MX 3.84766E-04 MY 4.002379E-02
POINTLOAD "EXN" "60" F 8.309299E-03 MX 7.389573E-04 MY 7.772835E-02
POINTLOAD "EXN" "153" F 2.309799E-02 MX 6.708053E-04 MY 0.073481
POINTLOAD "EXN" "117" F 1.649378E-02 MX 3.994954E-04 MY 4.239991E-02
POINTLOAD "EXN" "2" F 2.127181E-02 MX 6.429003E-04 MY 8.078373E-02
POINTLOAD "EXN" "192" F -8.43905E-03 MX 5.623138E-04 MY 5.656122E-02
POINTLOAD "EXN" "31" F -0.1406522 MX -1.905447E-03 MY 4.967452E-02
POINTLOAD "EXN" "180" F -3.801787E-02 MX -1.614947E-03 MY 4.316501E-02
POINTLOAD "EXN" "154" F -0.1427351 MX -2.695868E-03 MY 7.582245E-02
POINTLOAD "EXN" "118" F -0.1195595 MX -1.515754E-03 MY 4.612865E-02
POINTLOAD "EXN" "3" F -3.449564E-02 MX -2.866398E-03 MY 8.046347E-02
POINTLOAD "EXN" "193" F -1.780953E-02 MX -2.301741E-03 MY 6.559452E-02
POINTLOAD "EXN" "33" F 0.6975821 MX -2.640612E-03 MY 0.0397284
POINTLOAD "EXN" "182" F 0.7013118 MX -3.185726E-03 MY 3.664052E-02
POINTLOAD "EXN" "62" F 1.199386 MX -2.673158E-03 MY 7.547132E-02
POINTLOAD "EXN" "155" F 0.975904 MX -7.913765E-03 MY 7.126671E-02
POINTLOAD "EXN" "120" F 1.078746 MX -3.178024E-03 MY 3.742426E-02
POINTLOAD "EXN" "4" F 0.1084618 MX -2.880914E-03 MY 7.390559E-02
POINTLOAD "EXN" "194" F 0.1815222 MX -6.420149E-03 MY 5.966939E-02
POINTLOAD "EXN" "28" F 1.803764 MX 5.071642E-03 MY 7.815848E-02
POINTLOAD "EXN" "32" F -1.729211 MX -3.699815E-03 MY 8.077235E-02
POINTLOAD "EXN" "177" F 1.565402 MX 4.429094E-03 MY 0.072188
POINTLOAD "EXN" "181" F -1.529585 MX -4.480291E-03 MY 7.486276E-02
POINTLOAD "EXN" "115" F 1.21114 MX 5.222885E-03 MY 7.38712E-02
POINTLOAD "EXN" "119" F -1.130368 MX -4.222243E-03 MY 7.602081E-02
LOAD "EYN" TYPE QUAKE SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "EYN" "27" F -0.4795201 MX -3.108479E-02 MY -1.927822E-03
POINTLOAD "EYN" "176" F 0.4886944 MX -3.106649E-02 MY 1.747073E-03
POINTLOAD "EYN" "58" F 1.172939 MX -5.914469E-02 MY -2.282347E-03
POINTLOAD "EYN" "151" F -1.144291 MX -5.999356E-02 MY 1.997332E-03
POINTLOAD "EYN" "114" F -0.0068081 MX -3.480975E-02 MY 7.407967E-05
POINTLOAD "EYN" "29" F -0.4679223 MX -3.725277E-02 MY -1.255289E-03
POINTLOAD "EYN" "178" F 0.7354978 MX -3.046241E-02 MY 1.035634E-03
POINTLOAD "EYN" "59" F -0.3606844 MX -3.358325E-02 MY -9.679392E-04
POINTLOAD "EYN" "152" F -0.7340488 MX -5.830244E-02 MY 1.566784E-03
POINTLOAD "EYN" "116" F -2.156748E-02 MX -3.607278E-02 MY 9.10496E-05
POINTLOAD "EYN" "88" F 0.9220583 MX -6.421896E-02 MY -1.000162E-03
POINTLOAD "EYN" "1" F -7.561599E-02 MX -5.760361E-02 MY -3.769262E-03
POINTLOAD "EYN" "30" F -0.6713082 MX -3.362982E-02 MY -1.532531E-03
POINTLOAD "EYN" "179" F 0.6416759 MX -3.421313E-02 MY 1.410758E-03
POINTLOAD "EYN" "60" F 0.7652811 MX -5.927143E-02 MY -1.91855E-03
POINTLOAD "EYN" "153" F -0.7917579 MX -6.039609E-02 MY 1.796017E-03
POINTLOAD "EYN" "117" F -1.178794E-02 MX -3.412668E-02 MY 9.43662E-05
POINTLOAD "EYN" "2" F -0.1024384 MX -5.655393E-02 MY -4.168719E-03
POINTLOAD "EYN" "192" F 0.1750817 MX -5.266695E-02 MY 2.43809E-03
POINTLOAD "EYN" "31" F -6.04669E-03 MX -3.272356E-02 MY -1.211582E-03
POINTLOAD "EYN" "180" F 0.597275 MX -3.247918E-02 MY 2.337335E-03
POINTLOAD "EYN" "154" F -0.7816236 MX -5.729441E-02 MY 2.347684E-03
POINTLOAD "EYN" "118" F -1.486113E-02 MX -3.155917E-02 MY 2.637876E-05
POINTLOAD "EYN" "3" F -2.112913E-02 MX -5.230493E-02 MY -4.120734E-03
POINTLOAD "EYN" "193" F 0.1632015 MX -5.008188E-02 MY 2.901271E-03
POINTLOAD "EYN" "33" F -0.4357972 MX -2.958898E-02 MY -9.880846E-04
POINTLOAD "EYN" "182" F 0.4186669 MX -2.993579E-02 MY 8.507845E-04
POINTLOAD "EYN" "62" F 0.9914736 MX -5.292236E-02 MY -1.621433E-03
POINTLOAD "EYN" "155" F -0.9977353 MX -5.391788E-02 MY 1.425679E-03
POINTLOAD "EYN" "120" F -1.025385E-02 MX -2.967704E-02 MY 9.635211E-05
POINTLOAD "EYN" "4" F -7.420108E-02 MX -5.175756E-02 MY -3.714998E-03
POINTLOAD "EYN" "194" F 0.124959 MX -4.804292E-02 MY 2.650951E-03
POINTLOAD "EYN" "28" F -0.7322382 MX -5.743046E-02 MY -1.976085E-03
POINTLOAD "EYN" "32" F -0.4973527 MX -5.293053E-02 MY -2.970633E-03
POINTLOAD "EYN" "177" F 0.7183055 MX -5.741138E-02 MY 1.382003E-03
POINTLOAD "EYN" "181" F 0.5486764 MX -5.323363E-02 MY 4.05643E-03
POINTLOAD "EYN" "115" F -1.508893E-02 MX -5.990031E-02 MY 2.154087E-04
POINTLOAD "EYN" "119" F -9.707989E-03 MX -5.212359E-02 MY 1.377337E-04
LOAD "WX" TYPE WIND SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "WX" "27" F -2.020759 MX 3.923414E-02 MY 0.1334727
POINTLOAD "WX" "176" F -2.494469 MX 3.627186E-02 MY 9.138984E-02
POINTLOAD "WX" "58" F -5.5068 MX 6.523681E-02 MY 0.2456965
POINTLOAD "WX" "151" F 2.168975 MX 7.843545E-02 MY 0.1904988
POINTLOAD "WX" "114" F -3.384279 MX 4.294027E-02 MY 0.1102139
POINTLOAD "WX" "29" F -0.5310648 MX 2.268837E-02 MY 0.1642783
POINTLOAD "WX" "178" F -0.852693 MX 1.686734E-02 MY 0.1049495
POINTLOAD "WX" "59" F -0.6750854 MX 2.091811E-02 MY 0.1216603
POINTLOAD "WX" "152" F -1.265575 MX 3.454982E-02 MY 0.2003523
POINTLOAD "WX" "116" F -1.47826 MX 1.614738E-02 MY 0.1320289
POINTLOAD "WX" "88" F -1.252588 MX 3.107128E-02 MY 0.2073755
POINTLOAD "WX" "1" F -0.4938487 MX 2.448441E-02 MY 0.2804826
POINTLOAD "WX" "30" F -1.027754 MX 1.133624E-02 MY 0.1438491
POINTLOAD "WX" "179" F -0.7568128 MX 1.074015E-03 MY 9.969426E-02
POINTLOAD "WX" "60" F -2.611609 MX 9.217194E-03 MY 0.249324
POINTLOAD "WX" "153" F -1.949408 MX 6.768657E-03 MY 0.1932529
POINTLOAD "WX" "117" F -1.683656 MX 3.520449E-03 MY 0.1250406
POINTLOAD "WX" "2" F -1.402426 MX -1.550783E-02 MY 0.3201602
POINTLOAD "WX" "192" F -0.7436225 MX 1.003432E-02 MY 0.197437
POINTLOAD "WX" "31" F -3.009163 MX -0.0111385 MY 0.1668081
POINTLOAD "WX" "180" F -0.6512837 MX -2.860411E-02 MY 0.1108919
POINTLOAD "WX" "154" F -3.112615 MX -0.0421874 MY 0.2097355
POINTLOAD "WX" "118" F -2.339821 MX -2.241841E-02 MY 0.1298012
POINTLOAD "WX" "3" F -1.792436 MX -6.274354E-02 MY 0.2522492
POINTLOAD "WX" "193" F -1.195067 MX -2.586107E-02 MY 0.1206225
POINTLOAD "WX" "33" F 1.642542 MX -0.0364552 MY 0.1343378
POINTLOAD "WX" "182" F 1.993866 MX -4.053329E-02 MY 9.271742E-02
POINTLOAD "WX" "62" F 4.09177 MX -0.0606416 MY 0.2471593
POINTLOAD "WX" "155" F 0.8496171 MX -7.719075E-02 MY 0.1924893
POINTLOAD "WX" "120" F 2.764402 MX -4.006707E-02 MY 0.1097427
POINTLOAD "WX" "4" F -8.931006E-02 MX -6.421948E-02 MY 0.2433482
POINTLOAD "WX" "194" F 0.2693001 MX -6.377263E-02 MY 0.1230306
POINTLOAD "WX" "28" F 5.877781 MX 5.883604E-02 MY 0.2640919
POINTLOAD "WX" "32" F -6.769472 MX -5.185826E-02 MY 0.26602
POINTLOAD "WX" "177" F 2.771577 MX 0.0561246 MY 0.1851484
POINTLOAD "WX" "181" F -3.690471 MX -5.715719E-02 MY 0.1897177
POINTLOAD "WX" "115" F 2.660302 MX 6.101744E-02 MY 0.2200143
POINTLOAD "WX" "119" F -3.957433 MX -5.484487E-02 MY 0.2184578
LOAD "WY" TYPE WIND SELFWEIGHT 0 LTDFACTOR 1
POINTLOAD "WY" "27" F -1.363509 MX -8.893305E-02 MY 2.82924E-04
POINTLOAD "WY" "176" F 1.516869 MX -0.0890938 MY -1.214148E-03
POINTLOAD "WY" "58" F 3.330759 MX -0.171 MY 1.234383E-03
POINTLOAD "WY" "151" F -2.734119 MX -0.1738763 MY -2.194638E-03
POINTLOAD "WY" "114" F 0.1461501 MX -9.932511E-02 MY -6.726062E-04
POINTLOAD "WY" "29" F -1.062407 MX -0.1159047 MY 3.182977E-03
POINTLOAD "WY" "178" F 2.34111 MX -9.432214E-02 MY -4.430038E-03
POINTLOAD "WY" "59" F -0.8497983 MX -0.1050425 MY 8.317807E-04
POINTLOAD "WY" "152" F -1.613967 MX -0.1818938 MY -4.419395E-03
POINTLOAD "WY" "116" F 0.4594788 MX -0.1101674 MY -1.148958E-03
POINTLOAD "WY" "88" F 3.019783 MX -0.1953362 MY 1.812087E-04
POINTLOAD "WY" "1" F -7.580665E-02 MX -0.1726296 MY 1.631633E-04
POINTLOAD "WY" "30" F -1.693278 MX -0.1114091 MY 2.807842E-03
POINTLOAD "WY" "179" F 2.23366 MX -0.1093512 MY -2.365653E-03
POINTLOAD "WY" "60" F 3.275017 MX -0.1936873 MY 4.55837E-03
POINTLOAD "WY" "153" F -1.765113 MX -0.1959845 MY -1.838012E-03
POINTLOAD "WY" "117" F 0.5597219 MX -0.1102988 MY -7.914442E-04
POINTLOAD "WY" "2" F 0.195393 MX -0.1727381 MY -5.234363E-03
POINTLOAD "WY" "192" F 0.789829 MX -0.1692127 MY -2.837959E-02
POINTLOAD "WY" "31" F 0.8492581 MX -0.1190681 MY 4.054473E-03
POINTLOAD "WY" "180" F 2.326643 MX -0.111367 MY -6.789428E-04
POINTLOAD "WY" "154" F -1.825524 MX -0.2005613 MY -3.800676E-03
POINTLOAD "WY" "118" F 0.6517801 MX -0.1106671 MY 6.480178E-04
POINTLOAD "WY" "3" F 0.4938066 MX -0.1718038 MY 1.779424E-02
POINTLOAD "WY" "193" F 0.9821842 MX -0.1756403 MY 4.421894E-03
POINTLOAD "WY" "33" F -1.354843 MX -0.1087283 MY 3.47669E-03
POINTLOAD "WY" "182" F 1.417784 MX -0.1090506 MY -4.188619E-03
POINTLOAD "WY" "62" F 3.853925 MX -0.1950833 MY 3.380643E-03
POINTLOAD "WY" "155" F -3.482081 MX -0.1980819 MY -4.421163E-03
POINTLOAD "WY" "120" F 2.835594E-02 MX -0.1087389 MY -4.508588E-04
POINTLOAD "WY" "4" F -0.111765 MX -0.1849608 MY 1.258844E-02
POINTLOAD "WY" "194" F 0.5139136 MX -0.173689 MY -4.699916E-04
POINTLOAD "WY" "28" F -1.594773 MX -0.1703546 MY 5.763174E-03
POINTLOAD "WY" "32" F -1.755781 MX -0.1914234 MY 5.635372E-03
POINTLOAD "WY" "177" F 1.85037 MX -0.1700909 MY -7.948488E-03
POINTLOAD "WY" "181" F 2.339599 MX -0.1913927 MY 6.71002E-04
POINTLOAD "WY" "115" F 0.1888818 MX -0.1771061 MY -1.72401E-03
POINTLOAD "WY" "119" F 0.2564128 MX -0.1883545 MY 4.709742E-04
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
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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 "11" 0 2.025 3.1 2.025 3.1 5.625 0 5.625
XSTRIP "12" 3.1 2.025 5.1 2.025 5.1 5.625 3.1 5.625
XSTRIP "13" 3.1 2.025 3.1 0 10.55 0 10.55 2.025
XSTRIP "14" 5.1 2.025 8.5 2.025 8.5 5.625 5.1 5.625
XSTRIP "15" 8.5 2.025 10.55 2.025 10.55 5.625 8.5 5.625
XSTRIP "16" 0 5.625 3.1 5.625 3.1 8.425 0 8.425
XSTRIP "17" 3.1 5.625 5.1 5.625 5.1 8.425 3.1 8.425
XSTRIP "18" 5.1 5.625 8.5 5.625 8.5 8.425 5.1 8.425
XSTRIP "19" 8.5 5.625 10.55 5.625 10.55 8.425 8.5 8.425
XSTRIP "20" 5.1 8.425 10.55 8.425 10.55 9.75 5.1 9.75
YSTRIP "21" 0 2.025 3.1 2.025 3.1 5.625 0 5.625
YSTRIP "22" 3.1 2.025 5.1 2.025 5.1 5.625 3.1 5.625
YSTRIP "23" 3.1 2.025 3.1 0 10.55 0 10.55 2.025
YSTRIP "24" 5.1 2.025 8.5 2.025 8.5 5.625 5.1 5.625
YSTRIP "25" 8.5 2.025 10.55 2.025 10.55 5.625 8.5 5.625
YSTRIP "26" 0 5.625 3.1 5.625 3.1 8.425 0 8.425
YSTRIP "27" 3.1 5.625 5.1 5.625 5.1 8.425 3.1 8.425
YSTRIP "28" 5.1 5.625 8.5 5.625 8.5 8.425 5.1 8.425
YSTRIP "29" 8.5 5.625 10.55 5.625 10.55 8.425 8.5 8.425
YSTRIP "30" 5.1 8.425 10.55 8.425 10.55 9.75 5.1 9.75
$ GROUPS
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END
$ END OF MODEL FILE
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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
20	1.325	5.100	9.582	9.582		
20	1.325	5.950	9.582	9.582		
20	1.325	6.800	9.582	9.582		
20	1.325	7.650	9.582	9.582	0.000	0.000
20	1.325	8.500	9.582	9.582	9.582	9.582
20	1.325	9.350	9.582	9.582	9.582	9.582
20	1.325	9.950	9.582	9.582	9.582	9.582
20	1.325	10.550	9.582	9.582		
19	2.800	8.500	20.248	20.248		
19	2.800	9.350	20.248	20.248	20.248	20.248
19	2.800	9.950	20.248	20.248	20.248	20.248
19	2.800	10.550	20.248	20.248		
18	2.800	5.100	20.248	20.248		
18	2.800	5.950	20.248	20.248		
18	2.800	6.800	20.248	20.248		
18	2.800	7.650	20.248	20.248	0.000	0.000
18	2.800	8.500	20.248	20.248		
17	2.800	3.100	20.248	20.248		
17	2.800	4.100	20.248	20.248	0.000	0.000
17	2.800	5.100	20.248	20.248		
16	2.800	0.000	0.000	20.248		
16	2.800	0.600	20.248	20.248	20.248	20.248
16	2.800	1.200	20.248	20.248	20.248	20.248
16	2.800	2.150	20.248	20.248	20.248	20.248
16	2.800	3.100	20.248	20.248		
15	3.600	8.500	26.034	26.034		
15	3.600	9.350	26.034	26.034	26.034	26.034
15	3.600	9.950	26.034	26.034	26.034	26.034
15	3.600	10.550	26.034	26.034		
14	3.600	5.100	26.034	26.034		
14	3.600	5.950	26.034	26.034		
14	3.600	6.800	26.034	26.034		
14	3.600	7.650	26.034	26.034	0.000	0.000
14	3.600	8.500	26.034	26.034		
12	3.600	3.100	26.034	26.034		
12	3.600	4.100	26.034	26.034	0.000	0.000
12	3.600	5.100	26.034	26.034		
11	3.600	0.000	26.034	26.034		
11	3.600	0.600	26.034	26.034	26.034	26.034
11	3.600	1.200	26.034	26.034	26.034	26.034
11	3.600	2.150	26.034	26.034	26.034	26.034
11	3.600	3.100	26.034	26.034		
13	2.025	3.100	14.644	14.644		
13	2.025	4.100	14.644	14.644	0.000	
13	2.025	5.100	14.644	14.644		
13	2.025	5.950	14.644	14.644		
13	2.025	6.800	14.644	14.644		
13	2.025	7.650	14.644	14.644		
13	2.025	8.500	14.644	14.644	14.644	0.000
13	2.025	9.350	14.644	14.644	14.644	14.644
13	2.025	9.950	14.644	14.644	14.644	14.644
13	2.025	10.550	14.644	14.644		

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

Y-STRIP ID	STRIP WIDTH	STATION Y-ORDINATE	TOP-REBAR LEFT OF Y	TOP-REBAR RIGHT OF Y	BOT-REBAR LEFT OF Y	BOT-REBAR RIGHT OF Y
21	3.100	2.025	22.418	22.418		
21	3.100	2.625	22.418	22.418	0.000	0.000
21	3.100	3.225	22.418	22.418	0.000	0.000
21	3.100	3.825	22.418	22.418		
21	3.100	4.425	22.418	22.418		
21	3.100	5.025	22.418	22.418		
21	3.100	5.625	22.418			
26	3.100	5.625	22.418	0.000		
26	3.100	6.425	22.418	22.418	0.000	0.000
26	3.100	7.225	22.418	22.418	22.418	22.418
26	3.100	7.825	22.418	22.418	0.000	0.000
26	3.100	8.425	22.418	22.418		
22	2.000	2.025	14.463	0.000		
22	2.000	2.625	14.463	14.463		
22	2.000	3.225	14.463	14.463	0.000	0.000
22	2.000	3.825	14.463	14.463		
22	2.000	4.425	14.463	14.463		
22	2.000	5.025	14.463	14.463		
22	2.000	5.625	14.463	0.000		
27	2.000	5.625	14.463	0.000		
27	2.000	6.425	14.463	14.463	0.000	0.000
27	2.000	7.225	14.463	14.463	14.463	14.463
27	2.000	7.825	14.463	14.463	0.000	0.000
27	2.000	8.425	14.463	14.463		
24	3.400	2.025	24.587	0.000		
24	3.400	2.625	24.587	24.587		
24	3.400	3.225	24.587	24.587	0.000	0.000
24	3.400	3.825	24.587	24.587		
24	3.400	4.425	24.587	24.587		
24	3.400	5.025	24.587	24.587		
24	3.400	5.625	24.587	0.000		
28	3.400	5.625	24.587	0.000		
28	3.400	6.425	24.587	24.587	0.000	0.000
28	3.400	7.225	24.587	24.587	24.587	0.000
28	3.400	7.825	24.587	24.587	0.000	0.000
28	3.400	8.425	24.587	0.000		
23	7.450	0.000	26.938	26.938		
23	7.450	0.675	53.875	53.875	0.000	
23	7.450	1.350	53.875	53.875	0.000	0.000
23	7.450	2.025	53.875	53.875		
30	5.450	8.425	39.412	0.000		
30	5.450	9.088	39.412	39.412	0.000	0.000
30	5.450	9.750	19.706	19.706		
25	2.050	2.025	14.825	14.825		
25	2.050	2.625	14.825	14.825	0.000	
25	2.050	3.225	14.825	14.825	0.000	0.000
25	2.050	3.825	14.825	14.825		
25	2.050	4.425	14.825	14.825		
25	2.050	5.025	14.825	14.825		
25	2.050	5.625	14.825	14.825		
29	2.050	5.625	14.825	14.825		
29	2.050	6.425	14.825	14.825	14.825	14.825
29	2.050	7.225	14.825	14.825	14.825	14.825
29	2.050	7.825	14.825	14.825	0.000	0.000
29	2.050	8.425	14.825	14.825		

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
B3	3.100	0.000	0.000	0.096				
B3	4.100	0.000	0.210	0.225	0.000	0.000	0.000	0.000
B3	5.100	0.000	0.240	0.257	0.000	0.000	0.000	0.000
B3	5.950	0.000	0.485	0.485	0.000	0.000	0.000	0.000
B3	6.800	0.000	0.607	0.598	0.000	0.000	0.000	0.000
B3	7.650	0.000	0.624	0.620	0.000	0.000	0.000	0.000
B3	8.500	0.000	0.499	0.401	0.099	0.000	0.000	0.000
B3	9.350	0.000	0.456	0.412	0.071	0.000	0.000	0.000
B3	9.950	0.000	0.339	0.269	0.082	0.064	0.000	0.000
B3	10.550	0.000	0.131	0.097	0.000			
B12	3.100	0.000	0.000	0.000	0.000	0.000		
B12	3.100	0.675	0.150	0.135	0.000	0.000	0.000	0.000
B12	3.100	1.350	0.227	0.185	0.000	0.000	0.000	0.000
B12	3.100	2.025	0.304	0.174	0.000			
B13	10.550	0.000	0.000	0.000	0.000	0.000		
B13	10.550	0.675	0.164	0.222	0.000	0.000	0.000	0.000
B13	10.550	1.350	0.211	0.240	0.000	0.000	0.000	0.000
B13	10.550	2.025	0.163	0.000	0.000			
B24	0.000	2.025	0.084	0.000	0.000			
B24	0.600	2.025	0.494	0.469	0.293	0.214	0.000	0.000
B24	1.200	2.025	0.924	0.940	0.695	0.690	0.000	0.000
B24	2.150	2.025	0.691	0.657	0.301	0.289	0.000	0.000
B24	3.100	2.025	0.232	0.175	0.000			
B26	3.100	2.025	0.167	0.196	0.000			
B26	4.100	2.025	0.265	0.268	0.000	0.000	0.000	0.000
B26	5.100	2.025	0.197	0.000	0.000			
B28	5.100	2.025	0.191	0.000	0.000			
B28	5.950	2.025	0.487	0.459	0.000	0.000	0.000	0.000
B28	6.800	2.025	0.655	0.660	0.000	0.000	0.000	0.000
B28	7.650	2.025	0.674	0.691	0.000	0.000	0.000	0.000
B28	8.500	2.025	0.470	0.173	0.000			
B30	8.500	2.025	0.408	0.097	0.000			
B30	9.350	2.025	0.663	0.634	0.301	0.318	0.000	0.000
B30	9.950	2.025	0.336	0.352	0.000	0.128	0.000	0.000
B30	10.550	2.025	0.000	0.000	0.000			
B56	0.000	2.025	0.085	0.000	0.000			
B56	0.000	2.625	0.350	0.294	0.108	0.000	0.000	0.000
B56	0.000	3.225	0.616	0.641	0.293	0.292	0.000	0.000
B56	0.000	3.825	0.688	0.642	0.000	0.000	0.000	0.000
B56	0.000	4.425	0.600	0.565	0.000	0.000	0.000	0.000
B56	0.000	5.025	0.459	0.440	0.000	0.000	0.000	0.000
B56	0.000	5.625	0.438	0.000	0.000			
B57	3.100	2.025	0.110	0.000	0.000			
B57	3.100	2.625	0.256	0.260	0.000	0.000	0.000	0.000
B57	3.100	3.225	0.328	0.331	0.000	0.000	0.000	0.000
B57	3.100	3.825	0.469	0.432	0.000	0.000	0.000	0.000
B57	3.100	4.425	0.415	0.411	0.000	0.000	0.000	0.000
B57	3.100	5.025	0.375	0.349	0.000	0.000	0.000	0.000
B57	3.100	5.625	0.280	0.000	0.000			
B58	5.100	2.025	0.215	0.000	0.000			
B58	5.100	2.625	0.191	0.276	0.000	0.000	0.000	0.000
B58	5.100	3.225	0.258	0.308	0.129	0.123	0.000	0.000
B58	5.100	3.825	0.388	0.372	0.000	0.000	0.000	0.000
B58	5.100	4.425	0.406	0.393	0.000	0.000	0.000	0.000
B58	5.100	5.025	0.324	0.324	0.000	0.000	0.000	0.000
B58	5.100	5.625	0.209	0.000	0.000			
B59	8.500	2.025	0.094	0.131	0.000			
B59	8.500	2.625	0.265	0.268	0.000	0.000	0.000	0.000
B59	8.500	3.225	0.416	0.422	0.000	0.000	0.000	0.000
B59	8.500	3.825	0.471	0.484	0.000	0.000	0.000	0.000
B59	8.500	4.425	0.414	0.446	0.000	0.000	0.000	0.000
B59	8.500	5.025	0.256	0.279	0.000	0.000	0.000	0.000
B59	8.500	5.625	0.170	0.214	0.000			
B60	10.550	2.025	0.236	0.000	0.000			
B60	10.550	2.625	0.300	0.281	0.000	0.000	0.000	0.000
B60	10.550	3.225	0.541	0.585	0.276	0.290	0.000	0.000
B60	10.550	3.825	0.486	0.482	0.000	0.000	0.000	0.000
B60	10.550	4.425	0.350	0.341	0.000	0.000	0.000	0.000
B60	10.550	5.025	0.291	0.267	0.000	0.000	0.000	0.000
B60	10.550	5.625	0.317	0.100	0.000			
B94	0.000	5.625	0.000	0.000	0.000			
B94	0.600	5.625	0.464	0.463	0.177	0.089	0.000	0.000
B94	1.200	5.625	0.724	0.775	0.324	0.335	0.000	0.000
B94	2.150	5.625	0.663	0.690	0.161	0.189	0.000	0.000
B94	3.100	5.625	0.294	0.277	0.000			
B96	3.100	5.625	0.322	0.309	0.000			
B96	4.100	5.625	0.280	0.299	0.000	0.000	0.000	0.000
B96	5.100	5.625	0.078	0.099	0.000			
B98	5.100	5.625	0.108	0.000	0.000			
B98	5.950	5.625	0.440	0.448	0.000	0.000	0.000	0.000
B98	6.800	5.625	0.682	0.704	0.000	0.000	0.000	0.000
B98	7.650	5.625	0.687	0.721	0.000	0.000	0.000	0.000
B98	8.500	5.625	0.454	0.282	0.000			
B100	8.500	5.625	0.441	0.243	0.000			
B100	9.350	5.625	0.584	0.556	0.298	0.322	0.000	0.000
B100	9.950	5.625	0.363	0.385	0.059	0.164	0.000	0.000
B100	10.550	5.625	0.059	0.000	0.000			
B122	0.000	5.625	0.382	0.000	0.000			
B122	0.000	6.425	0.515	0.547	0.000	0.000	0.000	0.000
B122	0.000	7.225	0.590	0.580	0.363	0.389	0.000	0.000
B122	0.000	7.825	0.320	0.334	0.000	0.138	0.000	0.000
B122	0.000	8.425	0.116	0.000	0.000			
B123	3.100	5.625	0.228	0.000	0.000			
B123	3.100	6.425	0.474	0.472	0.000	0.000	0.000	0.000
B123	3.100	7.225	0.418	0.390	0.129	0.144	0.000	0.000
B123	3.100	7.825	0.305	0.300	0.000	0.069	0.000	0.000
B123	3.100	8.425	0.070	0.000	0.000			
B124	5.100	5.625	0.199	0.000	0.000			
B124	5.100	6.425	0.391	0.404	0.000	0.000	0.000	0.000
B124	5.100	7.225	0.400	0.381	0.163	0.163	0.000	0.000
B124	5.100	7.825	0.313	0.297	0.000	0.000	0.000	0.000
B124	5.100	8.425	0.136	0.000	0.000			
B125	8.500	5.625	0.162	0.174	0.000			
B125	8.500	6.425	0.346	0.369	0.000	0.000	0.000	0.000
B125	8.500	7.225	0.442	0.419	0.256	0.289	0.000	0.000
B125	8.500	7.825	0.338	0.282	0.000	0.000	0.000	0.000
B125	8.500	8.425	0.141	0.000	0.000			
B126	10.550	5.625	0.250	0.103	0.000			
B126	10.550	6.425	0.417	0.425	0.148	0.156	0.000	0.000
B126	10.550	7.225	0.664	0.644	0.488	0.474	0.000	0.000
B126	10.550	7.825	0.329	0.362	0.000	0.106	0.000	0.000
B126	10.550	8.425	0.156	0.000	0.000			
B147	0.000	8.425	0.106	0.000	0.000			
B147	0.600	8.425	0.538	0.519	0.278	0.189	0.000	0.000
B147	1.200	8.425	1.024	1.031	0.657	0.639	0.000	0.000
B147	2.150	8.425	0.753	0.716	0.294	0.251	0.000	0.000
B147	3.100	8.425	0.322	0.201	0.000			
B149	3.100	8.425	0.386	0.303	0.000			
B149	4.100	8.425	0.260	0.191	0.000	0.000	0.000	0.000
B149	5.100	8.425	0.137	0.058	0.000			
B151	5.100	8.425	0.000	0.000	0.000			
B151	5.950	8.425	0.445	0.399	0.000	0.000	0.000	0.000
B151	6.800	8.425	0.636	0.620	0.000	0.000	0.000	0.000
B151	7.650	8.425	0.670	0.654	0.000	0.000	0.000	0.000
B151	8.500	8.425	0.538	0.198	0.000			

B153	8.500	8.425		0.474		0.137		0.000	
B153	9.350	8.425	0.663	0.650	0.360	0.359	0.000	0.000	
B153	9.950	8.425	0.326	0.366	0.063	0.144	0.000	0.000	
B153	10.550	8.425	0.000		0.000		0.000		
B157	5.100	8.425		0.261		0.087		0.000	
B157	5.100	9.088	0.182	0.143	0.000	0.000	0.000	0.000	
B157	5.100	9.750	0.000		0.000		0.000		
B160	10.550	8.425		0.136		0.000		0.000	
B160	10.550	9.088	0.153	0.123	0.000	0.000	0.000	0.000	
B160	10.550	9.750	0.000		0.000		0.000		
B164	5.100	9.750			0.000		0.000		
B164	5.950	9.750	0.330	0.358	0.000	0.000	0.000	0.000	
B164	6.800	9.750	0.555	0.582	0.000	0.000	0.000	0.000	
B164	7.650	9.750	0.649	0.660	0.000	0.000	0.000	0.000	
B164	8.500	9.750	0.582	0.499	0.182	0.141	0.000	0.000	
B164	9.350	9.750	0.535	0.483	0.165	0.136	0.000	0.000	
B164	9.950	9.750	0.381	0.306	0.137	0.113	0.000	0.000	
B164	10.550	9.750	0.128		0.102		0.000		

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

X-STRIP ID	STRIP WIDTH	STATION X-ORDINATE	TOP-MOMEMT LEFT OF X	TOP-MOMEMT RIGHT OF X	BOT-MOMEMT LEFT OF X	BOT-MOMEMT RIGHT OF X
20	1.325	5.100	-0.185		0.143	
			BASE33		BASE33	
20	1.325	5.950	-0.892	-0.904		
			BASE28	BASE25		
20	1.325	6.800	-1.405	-1.393		
			BASE25	BASE25		
20	1.325	7.650	-1.546	-1.532	0.037	0.038
			BASE25	BASE25	BASE37	BASE37
20	1.325	8.500	-1.394	-1.251	0.372	0.307
			BASE25	BASE25	BASE37	BASE37
20	1.325	9.350	-1.398	-1.314	0.550	0.484
			BASE25	BASE25	BASE37	BASE37
20	1.325	9.950	-0.892	-0.825	0.287	0.217
			BASE25	BASE25	BASE37	BASE37
20	1.325	10.550	-0.217		0.190	
			BASE25		BASE37	
19	2.800	8.500	-2.383		1.414	
			BASE33		BASE29	
19	2.800	9.350	-2.961	-3.089	1.008	0.984
			BASE25	BASE25	BASE37	BASE37
19	2.800	9.950	-2.021	-2.170	0.345	0.414
			BASE25	BASE25	BASE37	BASE37
19	2.800	10.550	-0.366		0.535	
			BASE34		BASE30	
18	2.800	5.100	-0.571		0.417	
			BASE36		BASE32	
18	2.800	5.950	-2.303	-2.329		
			BASE25	BASE25		
18	2.800	6.800	-3.523	-3.562		
			BASE25	BASE25		
18	2.800	7.650	-3.541	-3.576	0.024	0.059
			BASE25	BASE25	BASE37	BASE37
18	2.800	8.500	-2.372		1.391	
			BASE33		BASE29	
17	2.800	3.100	-1.692		1.361	
			BASE37		BASE25	
17	2.800	4.100	-1.577	-1.544	0.148	0.157
			BASE29	BASE29	BASE33	BASE33
17	2.800	5.100	-0.561		0.467	
			BASE36		BASE30	
16	2.800	0.000	-0.238		0.463	
			BASE36		BASE32	
16	2.800	0.600	-2.798	-2.715	0.639	0.685
			BASE29	BASE29	BASE33	BASE33
16	2.800	1.200	-4.293	-4.285	1.318	1.416
			BASE29	BASE29	BASE33	BASE33
16	2.800	2.150	-3.807	-3.747	0.955	0.886
			BASE29	BASE29	BASE33	BASE33
16	2.800	3.100	-1.615		1.377	
			BASE37		BASE25	
15	3.600	8.500	-3.429		0.946	
			BASE27		BASE39	
15	3.600	9.350	-3.887	-3.898	0.959	0.865
			BASE27	BASE27	BASE39	BASE39
15	3.600	9.950	-2.520	-2.662	0.452	0.444
			BASE27	BASE27	BASE37	BASE37
15	3.600	10.550	-0.468		0.792	
			BASE38		BASE26	
14	3.600	5.100	-0.943		0.432	
			BASE21		BASE28	
14	3.600	5.950	-3.103	-3.099		
			BASE27	BASE27		
14	3.600	6.800	-4.630	-4.601		
			BASE27	BASE27		
14	3.600	7.650	-4.703	-4.742	0.025	0.011
			BASE27	BASE27	BASE37	BASE37
14	3.600	8.500	-3.377		0.926	
			BASE27		BASE39	
12	3.600	3.100	-1.954		1.672	
			BASE39		BASE25	
12	3.600	4.100	-2.177	-2.163	0.196	0.169
			BASE31	BASE29	BASE33	BASE33
12	3.600	5.100	-0.922		0.480	
			BASE21		BASE28	
11	3.600	0.000	-0.388		0.576	
			BASE31		BASE28	
11	3.600	0.600	-3.344	-3.430	0.656	0.811
			BASE31	BASE31	BASE35	BASE35
11	3.600	1.200	-5.112	-5.268	1.348	1.592
			BASE31	BASE31	BASE35	BASE35
11	3.600	2.150	-4.609	-4.671	1.040	1.095
			BASE31	BASE31	BASE35	BASE35
11	3.600	3.100	-1.943		1.733	
			BASE39		BASE27	
13	2.025	3.100	-0.359		0.525	
			BASE37		BASE25	
13	2.025	4.100	-0.933	-0.990	0.028	
			BASE32	BASE29	BASE33	
13	2.025	5.100	-1.047	-1.054		
			BASE21	BASE21		
13	2.025	5.950	-1.758	-1.775		
			BASE32	BASE32		
13	2.025	6.800	-2.264	-2.253		
			BASE27	BASE27		
13	2.025	7.650	-2.352	-2.274		
			BASE27	BASE27		
13	2.025	8.500	-1.944	-1.751	0.284	0.172
			BASE27	BASE27	BASE39	BASE39
13	2.025	9.350	-1.941	-1.834	0.524	0.368
			BASE27	BASE27	BASE39	BASE39
13	2.025	9.950	-1.306	-1.184	0.338	0.264
			BASE27	BASE27	BASE39	BASE39
13	2.025	10.550	-0.373		0.356	
			BASE27		BASE39	

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

Y-STRIP ID	STRIP WIDTH	STATION Y-ORDINATE	TOP-MOMEMT LEFT OF Y	TOP-MOMEMT RIGHT OF Y	BOT-MOMEMT LEFT OF Y	BOT-MOMEMT RIGHT OF Y
21	3.100	2.025	-0.561		0.941	
			BASE39		BASE27	
21	3.100	2.625	-1.946	-1.598	0.134	0.135
			BASE32	BASE32	BASE36	BASE36
21	3.100	3.225	-2.932	-2.714	0.184	0.207
			BASE32	BASE32	BASE36	BASE36
21	3.100	3.825	-3.376	-3.181		
			BASE32	BASE32		
21	3.100	4.425	-3.087	-2.970		
			BASE32	BASE32		
21	3.100	5.025	-2.261	-2.223		
			BASE32	BASE21		
21	3.100	5.625	-1.464			
			BASE28			
26	3.100	5.625	-1.466		0.051	
			BASE28		BASE40	
26	3.100	6.425	-2.874	-2.974	0.065	0.118
			BASE28	BASE28	BASE40	BASE40
26	3.100	7.225	-2.898	-2.970	0.479	0.408
			BASE28	BASE28	BASE40	BASE40
26	3.100	7.825	-1.934	-2.071	0.260	0.235
			BASE28	BASE28	BASE40	BASE40
26	3.100	8.425	-0.447		0.664	
			BASE37		BASE25	
22	2.000	2.025	-0.516		0.158	
			BASE21		BASE32	
22	2.000	2.625	-0.968	-0.952		
			BASE21	BASE21		
22	2.000	3.225	-1.114	-1.144	0.031	0.020
			BASE21	BASE21	BASE28	BASE26
22	2.000	3.825	-1.391	-1.480		
			BASE21	BASE32		
22	2.000	4.425	-1.403	-1.483		
			BASE32	BASE32		
22	2.000	5.025	-1.262	-1.275		
			BASE21	BASE21		
22	2.000	5.625	-0.825		0.019	
			BASE21		BASE32	
27	2.000	5.625	-0.809		0.083	
			BASE21		BASE32	
27	2.000	6.425	-1.537	-1.471	0.063	0.059
			BASE28	BASE28	BASE40	BASE40
27	2.000	7.225	-1.454	-1.359	0.301	0.194
			BASE36	BASE36	BASE32	BASE40
27	2.000	7.825	-1.063	-1.009	0.144	0.101
			BASE28	BASE26	BASE40	BASE40
27	2.000	8.425	-0.423		0.272	
			BASE37		BASE25	
24	3.400	2.025	-1.166		0.045	
			BASE21		BASE29	
24	3.400	2.625	-1.969	-1.962		
			BASE21	BASE21		
24	3.400	3.225	-2.349	-2.497	0.017	0.045
			BASE21	BASE30	BASE23	BASE28
24	3.400	3.825	-2.651	-2.800		
			BASE30	BASE30		
24	3.400	4.425	-2.580	-2.629		
			BASE21	BASE21		
24	3.400	5.025	-2.111	-2.144		
			BASE21	BASE21		
24	3.400	5.625	-1.350		0.193	
			BASE34		BASE32	
28	3.400	5.625	-1.305		0.203	
			BASE34		BASE32	
28	3.400	6.425	-2.463	-2.400	0.039	0.047
			BASE26	BASE26	BASE32	BASE30
28	3.400	7.225	-2.630	-2.518	0.349	0.204
			BASE26	BASE26	BASE30	BASE30
28	3.400	7.825	-2.257	-2.223	0.074	0.050
			BASE26	BASE26	BASE38	BASE30
28	3.400	8.425	-1.137		0.088	
			BASE26		BASE30	
23	7.450	0.000	-0.415		0.376	
			BASE32		BASE26	
23	7.450	0.675	-3.404	-3.441	0.005	
			BASE30	BASE30	BASE39	
23	7.450	1.350	-3.909	-3.940	0.010	0.002
			BASE21	BASE21	BASE39	BASE39
23	7.450	2.025	-2.316		0.794	
			BASE21		BASE31	
30	5.450	8.425	-1.658		0.281	
			BASE21		BASE29	
30	5.450	9.088	-2.121	-2.090	0.017	0.024
			BASE26	BASE26	BASE37	BASE37
30	5.450	9.750	-0.234		0.404	
			BASE34		BASE30	
25	2.050	2.025	-0.830		0.504	
			BASE35		BASE31	
25	2.050	2.625	-1.139	-1.122	0.007	
			BASE30	BASE30	BASE34	
25	2.050	3.225	-1.766	-1.786	0.133	0.153
			BASE30	BASE30	BASE34	BASE34
25	2.050	3.825	-1.802	-1.799		
			BASE30	BASE30		
25	2.050	4.425	-1.409	-1.425		
			BASE30	BASE30		
25	2.050	5.025	-1.084	-1.103		
			BASE21	BASE21		
25	2.050	5.625	-0.824		0.574	
			BASE34		BASE30	
29	2.050	5.625	-0.710		0.554	
			BASE34		BASE30	
29	2.050	6.425	-1.495	-1.515	0.325	0.342
			BASE34	BASE34	BASE30	BASE30
29	2.050	7.225	-1.860	-1.819	0.734	0.695
			BASE34	BASE34	BASE30	BASE30
29	2.050	7.825	-1.268	-1.319	0.124	0.095
			BASE26	BASE26	BASE38	BASE38
29	2.050	8.425	-0.781		0.297	
			BASE33		BASE29	

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
B3	3.100	0.000	-0.049		0.098		0.25	
B3	4.100	0.000	-0.214	-0.229	0.000	0.000	0.25	0.10
B3	5.100	0.000	-0.244	-0.262	0.000	0.000	0.10	0.32
B3	5.950	0.000	-0.494	-0.495	0.000	0.000	0.32	0.17
B3	6.800	0.000	-0.618	-0.610	0.000	0.000	0.17	0.16
B3	7.650	0.000	-0.636	-0.632	0.000	0.000	0.16	0.32
B3	8.500	0.000	-0.509	-0.409	0.101	0.036	0.32	0.07
B3	9.350	0.000	-0.465	-0.420	0.072	0.044	0.07	0.15
B3	9.950	0.000	-0.345	-0.275	0.084	0.065	0.15	0.24
B3	10.550	0.000	-0.134		0.099		0.24	
B12	3.100	0.000	-0.009		0.028		0.24	
B12	3.100	0.675	-0.153	-0.137	0.000	0.000	0.24	0.16
B12	3.100	1.350	-0.232	-0.188	0.000	0.024	0.16	0.23
B12	3.100	2.025	-0.310		0.178		0.23	
B13	10.550	0.000	-0.046		0.015		0.18	
B13	10.550	0.675	-0.167	-0.226	0.000	5.496E-04	0.18	0.07
B13	10.550	1.350	-0.215	-0.245	0.000	0.000	0.07	0.30
B13	10.550	2.025	-0.166		0.000		0.30	

B24	0.000	2.025		-0.086		0.047		0.84	
B24	0.600	2.025	-0.503	-0.478	0.299	0.218	0.84	0.88	
B24	1.200	2.025	-0.940	-0.957	0.707	0.703	0.88	0.48	
B24	2.150	2.025	-0.703	-0.669	0.306	0.295	0.48	0.47	
B24	3.100	2.025	-0.236		0.178		0.47		
B26	3.100	2.025		-0.170		0.200		0.35	
B26	4.100	2.025	-0.270	-0.274	0.000	0.000	0.35	0.18	
B26	5.100	2.025	-0.201		0.000		0.18		
B28	5.100	2.025		-0.195		0.000		0.47	
B28	5.950	2.025	-0.497	-0.468	0.000	0.000	0.47	0.24	
B28	6.800	2.025	-0.667	-0.672	0.000	0.000	0.24	0.22	
B28	7.650	2.025	-0.687	-0.704	0.000	0.000	0.22	0.59	
B28	8.500	2.025	-0.479		0.176		0.59		
B30	8.500	2.025		-0.416		0.099		0.32	
B30	9.350	2.025	-0.675	-0.646	0.307	0.325	0.32	0.59	
B30	9.950	2.025	-0.342	-0.359	0.027	0.130	0.59	0.63	
B30	10.550	2.025	-0.051		0.037		0.63		
B56	0.000	2.025		-0.087		0.053		0.66	
B56	0.000	2.625	-0.357	-0.300	0.111	0.017	0.66	0.59	
B56	0.000	3.225	-0.627	-0.653	0.299	0.298	0.59	0.81	
B56	0.000	3.825	-0.701	-0.654	0.000	0.000	0.81	0.37	
B56	0.000	4.425	-0.611	-0.575	0.000	0.000	0.37	0.24	
B56	0.000	5.025	-0.468	-0.448	0.000	0.000	0.24	0.47	
B56	0.000	5.625	-0.446		0.000		0.47		
B57	3.100	2.025		-0.112		0.056		0.39	
B57	3.100	2.625	-0.261	-0.265	0.000	0.000	0.39	0.12	
B57	3.100	3.225	-0.334	-0.338	0.000	0.000	0.12	0.32	
B57	3.100	3.825	-0.478	-0.440	0.000	0.000	0.32	0.41	
B57	3.100	4.425	-0.423	-0.419	0.000	0.000	0.41	0.41	
B57	3.100	5.025	-0.382	-0.356	0.000	0.000	0.41	0.38	
B57	3.100	5.625	-0.285		0.000		0.38		
B58	5.100	2.025		-0.219		0.000		0.24	
B58	5.100	2.625	-0.195	-0.282	0.000	0.000	0.24	0.59	
B58	5.100	3.225	-0.263	-0.315	0.132	0.125	0.59	0.69	
B58	5.100	3.825	-0.395	-0.379	0.000	0.000	0.69	0.30	
B58	5.100	4.425	-0.413	-0.401	0.000	0.000	0.30	0.25	
B58	5.100	5.025	-0.330	-0.330	0.000	0.000	0.25	0.53	
B58	5.100	5.625	-0.213		0.028		0.53		
B59	8.500	2.025		-0.096		0.134		0.62	
B59	8.500	2.625	-0.270	-0.273	0.000	0.000	0.62	0.33	
B59	8.500	3.225	-0.424	-0.430	0.000	0.000	0.33	0.11	
B59	8.500	3.825	-0.480	-0.494	0.000	0.000	0.11	0.18	
B59	8.500	4.425	-0.422	-0.455	0.000	0.000	0.18	0.41	
B59	8.500	5.025	-0.261	-0.284	0.000	0.000	0.41	0.74	
B59	8.500	5.625	-0.173		0.218		0.74		
B60	10.550	2.025		-0.241		0.000		0.43	
B60	10.550	2.625	-0.306	-0.287	0.000	0.000	0.43	0.63	
B60	10.550	3.225	-0.551	-0.596	0.281	0.296	0.63	0.69	
B60	10.550	3.825	-0.495	-0.491	0.000	0.000	0.69	0.32	
B60	10.550	4.425	-0.357	-0.348	0.000	0.000	0.32	0.32	
B60	10.550	5.025	-0.297	-0.272	0.000	0.000	0.32	0.45	
B60	10.550	5.625	-0.323		0.102		0.45		
B94	0.000	5.625		-0.022		0.013		0.77	
B94	0.600	5.625	-0.472	-0.472	0.181	0.091	0.77	0.49	
B94	1.200	5.625	-0.738	-0.789	0.330	0.342	0.49	0.21	
B94	2.150	5.625	-0.675	-0.703	0.165	0.192	0.21	0.50	
B94	3.100	5.625	-0.300		0.282		0.50		
B96	3.100	5.625		-0.329		0.315		0.29	
B96	4.100	5.625	-0.285	-0.304	0.046	0.044	0.29	0.31	
B96	5.100	5.625	-0.079		0.101		0.31		
B98	5.100	5.625		-0.111		0.054		0.58	
B98	5.950	5.625	-0.449	-0.457	0.000	0.000	0.58	0.28	
B98	6.800	5.625	-0.695	-0.717	0.000	0.000	0.28	0.25	
B98	7.650	5.625	-0.700	-0.734	0.000	0.000	0.25	0.64	
B98	8.500	5.625	-0.463		0.287		0.64		
B100	8.500	5.625		-0.449		0.248		0.22	
B100	9.350	5.625	-0.595	-0.567	0.304	0.328	0.22	0.58	
B100	9.950	5.625	-0.370	-0.392	0.060	0.167	0.58	0.65	
B100	10.550	5.625	-0.061		0.027		0.65		
B122	0.000	5.625		-0.389		0.000		0.25	
B122	0.000	6.425	-0.525	-0.557	0.005	0.040	0.25	0.54	
B122	0.000	7.225	-0.601	-0.590	0.370	0.397	0.54	0.66	
B122	0.000	7.825	-0.326	-0.341	0.051	0.141	0.66	0.55	
B122	0.000	8.425	-0.119		0.043		0.55		
B123	3.100	5.625		-0.232		0.000		0.33	
B123	3.100	6.425	-0.483	-0.481	0.000	0.000	0.33	0.37	
B123	3.100	7.225	-0.426	-0.398	0.132	0.147	0.37	0.40	
B123	3.100	7.825	-0.311	-0.306	0.000	0.070	0.40	0.48	
B123	3.100	8.425	-0.071		0.037		0.48		
B124	5.100	5.625		-0.203		0.000		0.34	
B124	5.100	6.425	-0.399	-0.412	0.000	0.000	0.34	0.40	
B124	5.100	7.225	-0.408	-0.388	0.166	0.167	0.40	0.46	
B124	5.100	7.825	-0.319	-0.303	0.000	0.000	0.46	0.37	
B124	5.100	8.425	-0.139		0.000		0.37		
B125	8.500	5.625		-0.165		0.177		0.39	
B125	8.500	6.425	-0.353	-0.376	0.058	0.017	0.39	0.32	
B125	8.500	7.225	-0.450	-0.427	0.261	0.295	0.32	0.63	
B125	8.500	7.825	-0.345	-0.288	0.000	0.050	0.63	0.33	
B125	8.500	8.425	-0.144		0.000		0.33		
B126	10.550	5.625		-0.255		0.105		0.32	
B126	10.550	6.425	-0.426	-0.433	0.151	0.159	0.32	0.42	
B126	10.550	7.225	-0.677	-0.656	0.497	0.483	0.42	0.71	
B126	10.550	7.825	-0.336	-0.369	0.058	0.108	0.71	0.49	
B126	10.550	8.425	-0.159		0.000		0.49		
B147	0.000	8.425		-0.109		0.030		0.87	
B147	0.600	8.425	-0.549	-0.529	0.283	0.192	0.87	0.86	
B147	1.200	8.425	-1.042	-1.049	0.670	0.651	0.86	0.39	
B147	2.150	8.425	-0.767	-0.729	0.300	0.256	0.39	0.46	
B147	3.100	8.425	-0.328		0.205		0.46		
B149	3.100	8.425		-0.393		0.309		0.27	
B149	4.100	8.425	-0.265	-0.195	0.047	0.005	0.27	0.25	
B149	5.100	8.425	-0.139		0.059		0.25		
B151	5.100	8.425		-0.048		0.014		0.50	
B151	5.950	8.425	-0.454	-0.407	0.000	0.000	0.50	0.28	
B151	6.800	8.425	-0.648	-0.632	0.000	0.000	0.28	0.18	
B151	7.650	8.425	-0.682	-0.666	0.009	0.000	0.18	0.43	
B151	8.500	8.425	-0.548		0.202		0.43		
B153	8.500	8.425		-0.483		0.140		0.27	
B153	9.350	8.425	-0.675	-0.662	0.367	0.366	0.27	0.60	
B153	9.950	8.425	-0.332	-0.373	0.065	0.147	0.60	0.64	
B153	10.550	8.425	-0.026		0.024		0.64		
B157	5.100	8.425		-0.266		0.089		0.15	
B157	5.100	9.088	-0.185	-0.146	0.025	0.000	0.15	0.22	
B157	5.100	9.750	-0.018		0.040		0.22		
B160	10.550	8.425		-0.139		0.000		0.20	
B160	10.550	9.088	-0.156	-0.126	0.000	0.000	0.20	0.16	
B160	10.550	9.750	-0.046		0.028		0.16		
B164	5.100	9.750			0.000		0.39		
B164	5.950	9.750	-0.336	-0.365	0.000	0.000	0.39	0.24	
B164	6.800	9.750	-0.565	-0.593	0.000	0.000	0.24	0.11	
B164	7.650	9.750	-0.661	-0.672	0.013	0.042	0.11	0.29	
B164	8.500	9.750	-0.593	-0.508	0.185	0.144	0.29	0.05	
B164	9.350	9.750	-0.545	-0.492	0.168	0.139	0.05	0.17	
B164	9.950	9.750	-0.389	-0.312	0.140	0.115	0.17	0.30	
B164	10.550	9.750	-0.130		0.104		0.30		