臺中市立南興國民中學
第一期校舍新建工程

結構計算書

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第一章、　　工程概述

一、結構系統概述：

本基地位於台中市北屯區，今擬興建三棟建築物，教學樓、行政樓與通廊。

教學樓為地下一層、地上四層鋼筋混凝土建築物，主要用途為教室，總樓層高度為16.1公尺(不含屋突)，X向結構系統為鋼筋混凝土造抗彎矩構架系統，Y向結構系統為鋼筋混凝土造抗彎矩構架+剪力牆系統，以抵抗垂直載重及水平地震力，牆面採15~25公分RC 牆，樓板採用15公分傳統鋼筋混凝土樓板，基礎採用筏式基礎結構。

行政樓為地上三層鋼筋混凝土建築物，主要用途為辦公室，總樓層高度為12.1公尺(不含屋突)，結構系統為鋼筋混凝土造抗彎矩構架系統，以抵抗垂直載重及水平地震力，牆面採15公分RC 牆，樓板採用15公分傳統鋼筋混凝土樓板，基礎採用筏式基礎結構。

通廊為地上二層鋼骨建築物，主要用途為通廊，連通行政樓與教學樓，總樓層高度為8.1公尺，結構系統為鋼骨土造抗彎矩構架系統，以抵抗垂直載重及水平地震力，樓板採用15公分DECK樓板，基礎採用聯合基礎結構。

二、建築物基本資料：

教學樓：

樓層名稱	樓層高度(m)	樓層主要用途
PF	-	屋頂平台。
R1F	3.0	屋頂平台。
4F	4.0	教室。
3F	4.0	教室。
2F	4.0	教室。
1F	4.0	教室。
B1F	3.5	停車空間、機房、配電室。

1F抬高0.1公尺

行政樓：

樓層名稱	樓層高度(m)	樓層主要用途
PF	-	屋頂平台。
R1F	3.0	屋頂平台。
3F	4.0	教室。
2F	4.0	教室。
1F	4.0	教室。

1F 抬高 0.1 公尺

通廊：

樓層名稱	樓層高度(m)	樓層主要用途
PF	-	屋頂平台。
2F	4.0	通廊。
1F	4.0	通廊。

1F 抬高 0.1 公尺

第二章、　結構分析設計概要

一、靜載重計算及設定

教學樓：

	柱重 (tf)	梁重 (tf)	樓板重 (tf)	牆重 (tf)	其它 (tf)	總重 (tf)	樓層單位重 (tf/m2)
PF	9.7	18.6	35.1	16.2	0	79.6	1.275
R1F	101.1	377	672.6	184.6	36.1	1371.4	1.159
4F	191	378.6	559	366.4	24.2	1519.2	1.27
3F	199.3	382.3	576.4	398.8	20	1576.8	1.281
2F	199.3	377.9	545.6	402.3	11.5	1536.6	1.316
1F	217.5	303.1	466.4	485	0	1472	1.454
B1F	221	890.3	1380.7	296	0	2788	2.871

行政樓：

	柱重 (tf)	梁重 (tf)	樓板重 (tf)	牆重 (tf)	其它 (tf)	總重 (tf)	樓層單位重 (tf/m2)
PF	14.1	36.4	48.1	18.4	0	117	1.366
R1F	64.8	186.5	278.2	91.9	28.3	649.7	0.996
3F	106.9	187.2	237.5	156	0	687.6	1.395
2F	114.5	225.9	267.6	153.1	0	761.1	1.134
1F	89.6	342.5	762.9	75.8	0	1270.8	2.189

通廊：

	柱重 (tf)	梁重 (tf)	樓板重 (tf)	牆重 (tf)	其它 (tf)	總重 (tf)	樓層單位重 (tf/m2)
PF	2.2	10.4	53.2	0	7.416	73.216	0.646
2F	4.3	10.4	57.2	0	15.7	87.6	0.72
1F	20.3	25.4	48.8	0	0	94.5	1.086

二、樓板設計載重

屋頂頂層：	RC 樓板(avg.t =15cm)		0.360 tf/m²
	防水隔熱		0.100 tf/m²
	粉刷及裝修		0.100 tf/m²
		DEAD LOAD =	0.560 tf/m²
	（屋頂平台）	LIVE LOAD =	0.200 tf/m²
	（電梯機房）	LIVE LOAD =	1.000 tf/m²
屋頂頂層：	金屬包鈑		0.050 tf/m²
		DEAD LOAD =	0.050 tf/m²
		LIVE LOAD =	0.060 tf/m²
一般層：	RC 樓板(avg.t =15cm)		0.360 tf/m²
	粉刷及裝修		0.100 tf/m²
		DEAD LOAD =	0.460 tf/m²
	（教室）	LIVE LOAD =	0.250 tf/m²
	（辦公室）	LIVE LOAD =	0.300 tf/m²
	（走廊、梯間）	LIVE LOAD =	0.500 tf/m²
一般層：	RC 樓板(avg.t =20cm)		0.480 tf/m²
	粉刷及裝修		0.100 tf/m²
		DEAD LOAD =	0.580 tf/m²
	（走廊、梯間）	LIVE LOAD =	0.500 tf/m²
一般層：	DEKC 樓板(avg.t =15cm)		0.270 tf/m²
	粉刷及裝修		0.100 tf/m²
		DEAD LOAD =	0.370 tf/m²
	（走廊）	LIVE LOAD =	0.500 tf/m²
地下一層：	RC 樓板(avg.t =15cm)		0.360 tf/m²
	粉刷及裝修		0.100 tf/m²
		DEAD LOAD =	0.460 tf/m²
	（一般機房、停車空間）	LIVE LOAD =	0.500 tf/m²
	（發電機房、配電室）	LIVE LOAD =	1.000 tf/m²

註：有特殊載重處如覆土、水箱等，載重另外計算。

三、靜力分析法規地震力計算

教學樓：

模態分析資料

Mode	Period	UX	UY	SumUX	SumUY	RZ	SumRZ
1	0.587	0.4779	0.0269	0.4779	0.0269	0.0223	0.0223
2	0.436	0.0274	0.5681	0.5053	0.595	1.10E-03	0.0233
3	0.399	0.0267	3.73E-05	0.532	0.595	0.5756	0.599
4	0.184	0.1318	0.0072	0.6637	0.6022	5.20E-03	0.6042
5	0.136	0.0063	0.2503	0.6701	0.8525	1.62E-02	0.6204
6	0.122	0.0338	0.0048	0.7039	0.8572	0.2437	0.8641
7	0.115	2.27E-01	9.30E-03	0.931	0.8665	2.42E-02	0.8883
8	0.095	3.77E-02	1.73E-02	0.9686	0.8838	1.60E-03	0.8899
9	0.092	1.55E-02	0.0653	0.9841	0.9492	0.0013	0.8912

X 向主控模態週期 Tx=0.587(sec)

Y 向主控模態週期 Ty=0.436(sec)

1. 本建物位於台中市北屯區，共地上 4 層，地下 1 層，總高度為 16.1 公尺
2. 結構系統韌性容量：Rx =4，Ry =4
3. 起始降伏地震力放大倍數： αy =1
4. 用途係數： I = 1.25
5. 震區短週期及一秒週期之水平譜加速度
   本工址第一近斷層：距三義斷層 1.85 公里
   SsD=0.863　　S1D=0.5115　　SsM=1.1575　　S1M=0.706
   本工址第二近斷層：距卓蘭埔斷層 2.5 公里
   SsD=0.95　　S1D=0.6025　　SsM=1.22　　S1M=0.8075
   本工址第三近斷層：距大茅埔-雙冬斷層 10 公里
   SsD=0.84　　S1D=0.47　　SsM=1.045　　S1M=0.605
6. 本工址屬第一類地盤

7. 工址放大係數 (Fa.　Fv)
   SsD,Fa=1
   S1D,Fv=1
   SsM,Fa=1
   S1M,Fv=1
8. 工址水平譜加速度係數
   SDS=0.950　　SD1=0.603　　SMS=1.220　　SM1=0.808
9. X 向基本振動周期:Tcode = 0.07 h <3/4> =0.563 sec
   Y 向基本振動周期:Tcode = 0.05 h <3/4> =0.402 sec
   X 向動力分析周期: Tdyna = 0.587 sec
   Y 向動力分析周期: Tdyna = 0.436 sec
   Cu = 1.4
   X 向 Tdesign = Min(Cu x Tcode, Tdyna) = 0.587 sec
   Y 向 Tdesign = Min(Cu x Tcode, Tdyna) = 0.436 sec
10. 容許韌性容量
   Rax = 1 + (R-1)/1.5 = 3 , Ray = 1 + (R-1)/1.5 = 3
   Fux = 2.856　Fuy = 2.402
   FuMx = 3.612　FuMy = 2.841
11. 工址設計與最大考量水平譜加速度係數
   SaDx = 0.950　SaDy = 0.950
   SaMx = 1.220　SaMy = 1.220
"12. 最小設計水平總橫力 VD
"
   (SaDx/Fux) = 0.333　(SaDx/Fux)m = 0.317　VDx = 0.283W
   (SaDy/Fuy) = 0.396　(SaDy/Fuy)m = 0.350　VDy = 0.312W
13. 避免中小度地震降伏之設計地震力 V*
   (Sa*x/Fux) = 0.280　(Sa*x/Fux)m = 0.280　V*x = 0.238W

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(Sa*y/Fuy) = 0.333　(Sa*y/Fuy)m = 0.317　V*y = 0.227W

14. 避免最大考量地震崩塌之設計地震力 VM

(SaMx/FuMx) = 0.338　(SaMx/FuMx)m = 0.320　VMx = 0.285W

(SaMy/FuMy) = 0.429　(SaMy/FuMy)m = 0.367　VMy = 0.328W

15. 工址最小設計水平總橫力 Vdesign

Vdesignx = Max(VDx, V*x, VMx) = 0.286W

Vdesigny = Max(VDy, V*y, VMy) = 0.328W

16. 地下水平地震力

K>=0.1*(1-H/40)*SDS*I

V=K*W

17. 計算層間相對側位移角的地震力

由規範 2.16 節：若基本振動週期係以結構力學方法計算

所得 T 值不必受小於經驗公式週期 CU 倍的限制，亦不受不得低於 0.4 SDS 之控制。

Tx = 0.587 sec　Ty = 0.436 sec

Vx_drift_control = 0.227W

Vy_drift_control = 0.250W

18. 工址最小設計垂直地震力 Vv

最小設計垂直地震力 Vz ：

SaDx,V = 0.633　Rx = 3.0　Rax = 2.333　Fux,v = 2.254

(SaDx,v/Fux,v)m = 0.242　Vzx = 0.216W

SaDy,V = 0.633　Ry = 3.0　Ray = 2.333　Fuy,v = 2.254

(SaDy,v/Fuy,v)m = 0.242　Vzy = 0.216W

避免中小度地震降伏之設計地震力 V*,v ：

V*,vx = 0.162W　V*,vy = 0.162W

避免最大考量地震崩塌之設計地震力 VM,v ：

SaMx,V = 0.813　Fux,v = 2.781　(SaMx,v/Fux,v)m = 0.248　VM,vx = 0.221W

SaMy,V = 0.813　Fuy,v = 2.346　(SaMy,v/Fuy,v)m = 0.276　VM,vy = 0.247W

工址最小設計垂直地震力 Vv:

Vvx = Max(Vzx , V*,vx , VM,vx) = 0.221W

Vvy = Max(Vzy , V*,vy , VM,vy) = 0.247W

19. 建築物柱之垂直地震力

Vcol,v = 0.317W

20. 水平地震力之豎向分配

FL.	△H(i) m	H(i) m	W(i) ton	W(i)xH(i) ton-m	F(x) ton	F(y) ton
PF	3.0	3.00	79.60	238.8	36.7	42.1
R1F	4.0	16.10	1,371.40	23,361.1	631.7	724.5
4F	4.0	12.10	1,519.20	18,382.3	526.0	603.2
3F	4.0	8.10	1,576.80	12,772.1	365.5	419.1
2F	4.0	4.10	1,536.60	6,300.1	180.3	206.8
1F	4.0	0.10	1,472.00	0.0	224.5	224.5

行政樓：

模態分析資料

Mode	Period	UX	UY	SumUX	SumUY	RZ	SumRZ
1	0.433	0.0389	0.369	0.0389	0.369	0.1337	0.1337
2	0.413	0.5066	0.0398	0.5455	0.4088	1.80E-03	0.1355
3	0.33	0.0029	1.48E-01	0.5483	0.5563	0.4287	0.5642
4	0.138	0.0373	0.0582	0.5856	0.6144	3.45E-02	0.5987
5	0.131	0.0819	0.0288	0.6675	0.6432	1.61E-02	0.6148
6	0.124	0.0112	4.88E-05	0.6787	0.6433	0.0001	0.6149
7	0.1	2.16E-05	5.02E-02	0.6787	0.6934	1.03E-01	0.7182
8	0.079	2.00E-04	1.18E-06	0.6789	0.6934	2.65E-05	0.7182
9	0.075	3.24E-02	0.0177	0.7113	0.7112	0.0057	0.7239

X向主控模態週期 Tx=0.413(sec)

Y向主控模態週期 Ty=0.433(sec)

1. 本建物位於台中市北屯區，共地上3層，地下0層，總高度為12.1公尺
2. 結構系統韌性容量：Rx =4，Ry =4
3. 起始降伏地震力放大倍數：αy =1
4. 用途係數： I = 1.25
5. 震區短週期及一秒週期之水平譜加速度
   本工址第一近斷層：距三義斷層1.85公里
   SsD=0.863　　S1D=0.5115　　SsM=1.1575　　S1M=0.706
   本工址第二近斷層：距車籠埔斷層2.5公里
   SsD=0.95　　S1D=0.6025　　SsM=1.22　　S1M=0.8075
   本工址第三近斷層：距大茅埔-雙冬斷層10公里
   SsD=0.84　　S1D=0.47　　SsM=1.045　　S1M=0.605
6. 本工址屬第一類地盤

7. 工址放大係數 (Fa. Fv)
   SsD,Fa=1
   S1D,Fv=1
   SsM,Fa=1
   S1M,Fv=1
8. 工址水平譜加速度係數
   SDS=0.950　　SD1=0.603　　SMS=1.220　　SM1=0.808
9. X向基本振動周期:Tcode = 0.07 h <3/4> =0.455 sec
   Y向基本振動周期:Tcode = 0.07 h <3/4> =0.455 sec
   X向動力分析周期: Tdyna = 0.413 sec
   Y向動力分析周期: Tdyna = 0.433 sec
   Cu = 1.4
   X向 Tdesign = Min(Cu x Tcode, Tdyna) = 0.413 sec
   Y向 Tdesign = Min(Cu x Tcode, Tdyna) = 0.433 sec
10. 容許韌性容量
   Rax = 1 + (R-1)/1.5 = 3 , Ray = 1 + (R-1)/1.5 = 3
   Fux = 2.333　Fuy = 2.393
   FuMx = 2.724　FuMy = 2.826
11. 工址設計與最大考量水平譜加速度係數
   SaDx = 0.950　SaDy = 0.950
   SaMx = 1.220　SaMy = 1.220
"12. 最小設計水平總橫力 VD
"
   (SaDx/Fux) = 0.407　(SaDx/Fux)m = 0.356　VDx = 0.318W
   (SaDy/Fuy) = 0.397　(SaDy/Fuy)m = 0.350　VDy = 0.313W
13. 避免中小度地震降伏之設計地震力 V*
   (Sa*x/Fux) = 0.343　(Sa*x/Fux)m = 0.322　V*x = 0.224W
   (Sa*y/Fuy) = 0.334　(Sa*y/Fuy)m = 0.318　V*y = 0.226W
14. 避免最大考量地震崩塌之設計地震力 VM

(SaMx/FuMx) = 0.448　(SaMx/FuMx)m = 0.377　VMx = 0.337W
(SaMy/FuMy) = 0.432　(SaMy/FuMy)m = 0.368　VMy = 0.329W

15. 工址最小設計水平總橫力 Vdesign

Vdesignx = Max(VDx, V*x, VMx) = 0.337W
Vdesigny = Max(VDy, V*y, VMy) = 0.329W

16. 地下水平地震力

K>=0.1*(1-H/40)*SDS*I
V=K*W

17. 計算層間相對側位移角的地震力

由規範 2.16 節：若基本振動週期係以結構力學方法計算
所得 T 值不必受小於經驗公式週期 CU 倍的限制，亦不受不得低於 0.4 SDS 之控制。
Tx = 0.413 sec　Ty = 0.433 sec
Vx_drift_control = 0.255W
Vy_drift_control = 0.251W

18. 工址最小設計垂直地震力 Vv

最小設計垂直地震力 Vz ：
SaDx,V = 0.633　Rx = 3.0　Rax = 2.333　Fux,v = 1.968
(SaDx,v/Fux,v)m = 0.263　Vzx = 0.235W
SaDy,V = 0.633　Ry = 3.0　Ray = 2.333　Fuy,v = 1.968
(SaDy,v/Fuy,v)m = 0.263　Vzy = 0.235W

避免中小度地震降伏之設計地震力 V*,v ：
V*,vx = 0.154W　V*,vy = 0.154W

避免最大考量地震崩塌之設計地震力 VM,v ：
SaMx,V = 0.813　Fux,v = 2.280　(SaMx,v/Fux,v)m = 0.282　VM,vx = 0.251W
SaMy,V = 0.813　Fuy,v = 2.337　(SaMy,v/Fuy,v)m = 0.277　VM,vy = 0.247W

工址最小設計垂直地震力 Vv:
Vvx = Max(Vzx , V*,vx , VM,vx) = 0.251W
Vvy = Max(Vzy , V*,vy , VM,vy) = 0.247W

19. 建築物柱之垂直地震力

Vcol,v = 0.317W

20. 水平地震力之豎向分配

FL.	△H(i) m	H(i) m	W(i) ton	W(i)xH(i) ton-m	F(x) ton	F(y) ton
PF	3.0	3.00	117.00	351.0	58.9	57.5
R1F	4.0	12.10	649.70	9,277.1	326.7	319.1
3F	4.0	8.10	687.60	5,569.6	231.5	226.1
2F	4.0	4.10	761.10	3,120.5	129.7	126.7

通廊：

模態分析資料

Mode	Period	UX	UY	SumUX	SumUY	RZ	SumRZ
1	0.426	0.0212	0.027	0.0212	0.027	0.6229	0.6229
2	0.394	0.5808	0.0011	0.602	0.0281	2.00E-02	0.6429
3	0.377	0.0043	5.83E-01	0.6063	0.611	0.0205	0.6635
4	0.154	0.0068	0.0037	0.6131	0.6147	4.12E-02	0.7047
5	0.14	0.0344	0.0131	0.6475	0.6278	2.00E-03	0.7067
6	0.136	0.0102	0.0286	0.6576	0.6564	0.0105	0.7172

X向主控模態週期 Tx=0.394(sec)

Y向主控模態週期 Ty=0.377(sec)

1. 本建物位於台中市北屯區，共地上2層，地下0層，總高度為8.1公尺
2. 結構系統韌性容量：Rx =4，Ry =4
3. 起始降伏地震力放大倍數：αy =1
4. 用途係數： I = 1.25
5. 震區短週期及一秒週期之水平譜加速度
   本工址第一近斷層：距三義斷層1.85公里
   SsD=0.863　　S1D=0.5115　　SsM=1.1575　　S1M=0.706
   本工址第二近斷層：距車籠埔斷層2.5公里
   SsD=0.95　　S1D=0.6025　　SsM=1.22　　S1M=0.8075
   本工址第三近斷層：無近斷層

6. 本工址屬第一類地盤

7. 工址放大係數 (Fa.　Fv)
   SsD,Fa=1
   S1D,Fv=1
   SsM,Fa=1
   S1M,Fv=1
8. 工址水平譜加速度係數
   SDS=0.950　　SD1=0.603　　SMS=1.220　　SM1=0.808
9. X向基本振動周期:Tcode = 0.085 h <3/4> =0.409 sec
   Y向基本振動周期:Tcode = 0.085 h <3/4> =0.409 sec
   X向動力分析周期: Tdyna = 0.394 sec
   Y向動力分析周期: Tdyna = 0.377 sec
   Cu = 1.4
   X向 Tdesign = Min(Cu x Tcode, Tdyna) = 0.394 sec
   Y向 Tdesign = Min(Cu x Tcode, Tdyna) = 0.377 sec
10. 容許韌性容量
   Rax = 1 + (R-1)/1.5 = 3 , Ray = 1 + (R-1)/1.5 = 3
   Fux = 2.276　Fuy = 2.237
   FuMx = 2.646　FuMy = 2.646
11. 工址設計與最大考量水平譜加速度係數
   SaDx = 0.950　SaDy = 0.950
   SaMx = 1.220　SaMy = 1.220
"12. 最小設計水平總橫力 VD
"
   (SaDx/Fux) = 0.417　(SaDx/Fux)m = 0.361　VDx = 0.322W
   (SaDy/Fuy) = 0.425　(SaDy/Fuy)m = 0.365　VDy = 0.326W
13. 避免中小度地震降伏之設計地震力 V*
   (Sa*x/Fux) = 0.351　(Sa*x/Fux)m = 0.327　V*x = 0.221W
   (Sa*y/Fuy) = 0.358　(Sa*y/Fuy)m = 0.330　V*y = 0.220W
14. 避免最大考量地震崩塌之設計地震力 VM
   (SaMx/FuMx) = 0.461　(SaMx/FuMx)m = 0.384　VMx = 0.343W
   (SaMy/FuMy) = 0.461　(SaMy/FuMy)m = 0.384　VMy = 0.343W
15. 工址最小設計水平總橫力 Vdesign
   Vdesignx = Max(VDx, V*x, VMx) = 0.343W

Vdesigny = Max(VDy, V*y, VMy) = 0.343W

16. 地下水平地震力

K>=0.1*(1-H/40)*SDS*I

V=K*W

17. 計算層間相對側位移角的地震力

由規範 2.16 節：若基本振動週期係以結構力學方法計算

所得 T 值不必受小於經驗公式週期 CU 倍的限制，亦不受不得低於 0.4 SDS 之控制。

Tx = 0.394 sec　Ty = 0.377 sec

Vx_drift_control = 0.258W

Vy_drift_control = 0.261W

18. 工址最小設計垂直地震力 Vv

最小設計垂直地震力 Vz ：

SaDx,V = 0.633　Rx = 3.0　Rax = 2.333　Fux,v = 1.936

(SaDx,v/Fux,v)m = 0.266　Vzx = 0.238W

SaDy,V = 0.633　Ry = 3.0　Ray = 2.333　Fuy,v = 1.936

(SaDy,v/Fuy,v)m = 0.266　Vzy = 0.238W

避免中小度地震降伏之設計地震力 V*,v ：

V*,vx = 0.153W　V*,vy = 0.153W

避免最大考量地震崩塌之設計地震力 VM,v ：

SaMx,V = 0.813　Fux,v = 2.236　(SaMx,v/Fux,v)m = 0.285　VM,vx = 0.255W

SaMy,V = 0.813　Fuy,v = 2.236　(SaMy,v/Fuy,v)m = 0.285　VM,vy = 0.255W

工址最小設計垂直地震力 Vv:

Vvx = Max(Vzx , V*,vx , VM,vx) = 0.255W

Vvy = Max(Vzy , V*,vy , VM,vy) = 0.255W

19. 建築物柱之垂直地震力

Vcol,v = 0.317W

20. 水平地震力之豎向分配

FL.	△H(i) m	H(i) m	W(i) ton	W(i)xH(i) ton-m	F(x) ton	F(y) ton
PF	4.0	8.10	73.22	593.0	34.4	34.4
2F	4.0	4.10	87.60	359.2	20.9	20.8

四、設計風力

教學樓：

低樓層鋼筋混凝土結構，風力不控制。

行政樓：

低樓層鋼筋混凝土結構，系統風力不控制。

局部鋼構屋頂之開放式屋頂風力如下

一、 基本假設

適用開放式普通建築物

二、 風力規範

設計風壓　　P = q G Cp

本案地點　　台中市　　北屯區

三、 風壓　　P = q(h) G Cf 風力規範

地況=	B	A(大城市市中心區),B(大城市市郊),C(平坦開闊)	
a=	0.25	Zg(m)=	400
z(m)迎風面梯度分佈=	12.1	z(m)分析時使用=	12.1

(輸入不同高度之z值,可得到迎封面設計風壓之梯度分佈)

K(h)=	2.774*(z/zg)^(2*a)	; z > 5.0m	規範2.6
K(h)=	2.774*(5/zg)^(2*a)	; z ≦ 5.0m	
K(h)=		0.48	
kzt=(1+K1 K2 K3)^2			
kzt=	1	平地無特殊地形考量,取kzt=1.0	詳細分析工作表kzt
I=	1.1	使用係數(1.1,1.0,0.9)	
V10=	32.5	規範2.4節	m/s
q(h)=	0.06*K(h)*kzt*(I*V10)^2=	37.00	kg/m2
G=	1.88	規範2.7簡易計算	詳細分析工作表G
Cf=	0.75	規範查表2.4 - 表2.16	
P =	q(z)*G*Cp=	52.17	kg/m2
P(z=5m時)=	q(z)*G*Cp=	33.53	kg/m2

通廊：

低樓層鋼骨結構，系統風力不控制。

五、材料及強度

(1) 鋼筋

#3(含)以上 fy= 4200 kgf/cm^2 需符合 CNS 560-A2006 SD420W 之規定

Young's modulus = 2,040,000 kgf/cm^2

(2) 混凝土

混凝土第 28 天齡期之最小抗壓強度

fc' = 280 kgf/cm^2

打底用混凝土

fc' = 140 kgf/cm^2

Young's modulus = $15000\sqrt{fc'}$ kgf/cm^2

(3) 鋼骨

CNS 13812 G3262 SN400，fy=2400 kgf/cm^2

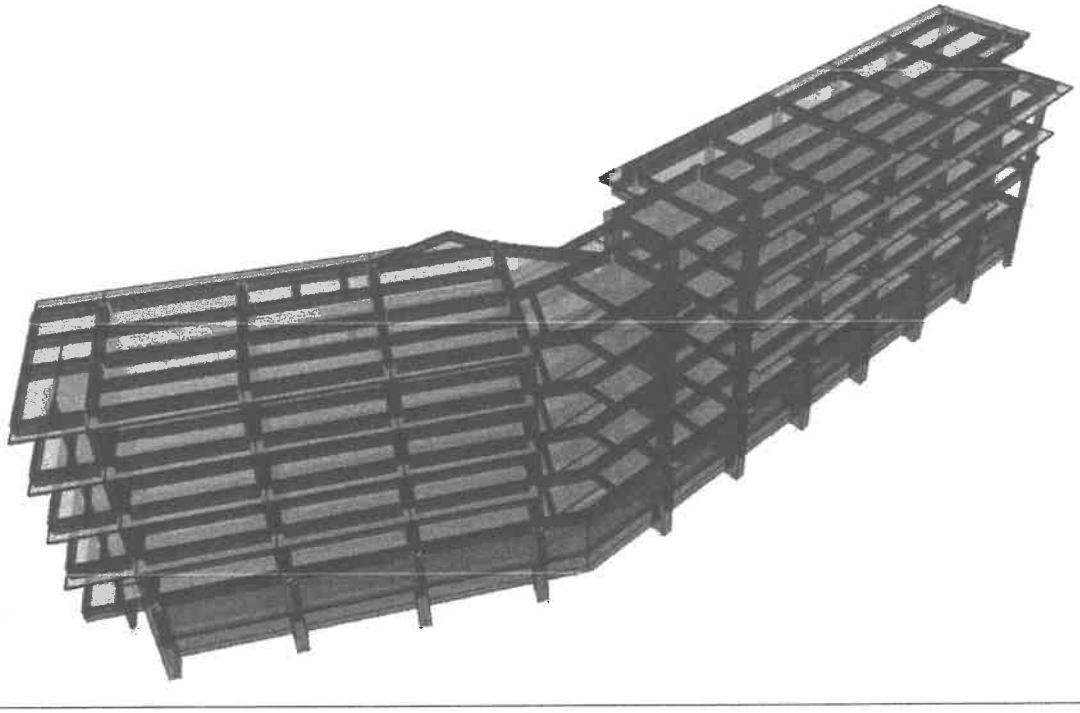
CNS 2473 G3039 SS400，fy=2400 kgf/cm^2

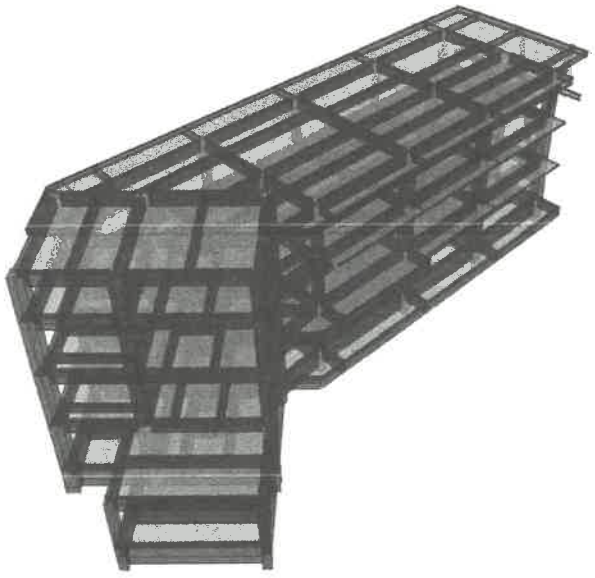
CNS 4435 G3102 STK400，fy=2400 kgf/cm^2

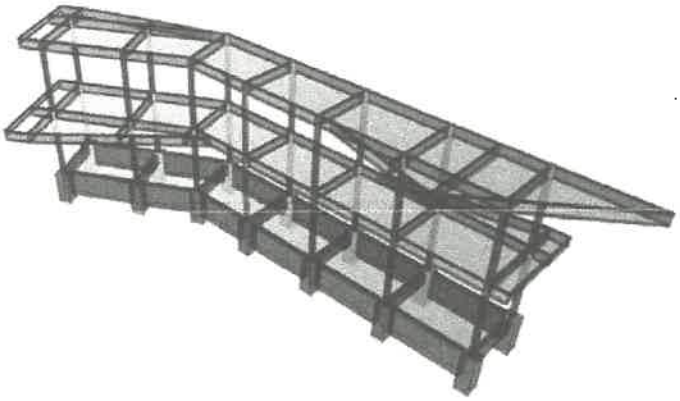
ASTM A307，fy=2500 kgf/cm^2

Young's modulus = 2,040,000 kgf/cm^2

六、結構配置圖

教學樓：電腦程式模擬圖

3D 圖

行政樓：電腦程式模擬圖

3D 圖

通廊：電腦程式模擬圖

3D 圖

第三章、　結構分析說明

一、結構設計規範：

鋼構造：極限強度法

鋼筋混凝土造：強度設計法

1. 內政部「中華民國建築技術規則」(最新版)
2. 內政部「建築物耐震設計規範及解說」(111 年 10 月)
3. 內政部「建築物耐風設計規範及解說」(104 年 1 月)
4. 內政部「建築物基礎構造設計規範」(90 年 10 月)
5. 內政部「混凝土結構設計規範」(110 年 3 月)
6. 內政部「鋼構造建築物結構設計技術規範(二)----極限強度設計法」(99 年 6 月)
7. ACI Code (318-89)
8. AISC Code (2001)

二、應用設計程式：

主結構體採用 CSI　ETABS 2019 電腦程式，進行靜力分析，並依照設計規範檢核其應力，並設計鋼筋量。

三、分析模型輸入檔

分析模型輸入資料請詳附件一

四、靜力分析意外扭矩放大倍數

教學樓：

X向地震力加+0.05偏心之意外扭矩

樓層	第一點位移	第二點位移	平均位移	Ax	使用Ax
PF	4.0004	3.9525	3.9765	0.71	1
R1F	3.6703	3.3466	3.5085	0.76	1
4F	3.0256	2.7556	2.8906	0.77	1
3F	2.0956	1.884	1.9898	0.78	1
2F	0.965	0.8995	0.9323	0.75	1

X向地震力加-0.05偏心之意外扭矩

樓層	第一點位移	第二點位移	平均位移	Ax	使用Ax
PF	4.1129	4.016	4.0645	0.72	1
R1F	3.7851	3.2471	3.5161	0.81	1
4F	3.1197	2.689	2.9044	0.81	1
3F	2.1424	1.8305	1.9865	0.81	1
2F	0.9949	0.8695	0.9322	0.8	1

Y向地震力加+0.05偏心之意外扭矩

樓層	第一點位移	第二點位移	平均位移	Ax	使用Ax
PF	2.8538	2.6677	2.7608	0.75	1
R1F	2.8936	2.0112	2.4524	0.97	1
4F	2.3655	1.6008	1.9832	0.99	1
3F	1.6665	1.1179	1.3922	1	1
2F	0.9862	0.6138	0.8	1.06	1.06

Y向地震力加-0.05偏心之意外扭矩

樓層	第一點位移	第二點位移	平均位移	Ax	使用Ax
PF	3.2047	2.828	3.0164	0.79	1
R1F	3.2822	1.6896	2.4859	1.22	1.22
4F	2.61	1.3398	1.9749	1.22	1.22
3F	1.8209	0.9737	1.3973	1.18	1.18
2F	0.9955	0.6004	0.798	1.09	1.09

行政樓：

X向地震力加+0.05偏心之意外扭矩

樓層	第一點位移	第二點位移	平均位移	Ax	使用Ax
PF	2.5934	2.381	2.4872	0.76	1
R1F	2.3621	2.125	2.2436	0.77	1
3F	1.6495	0.8574	1.2535	1.21	1.21
2F	0.7728	0.6534	0.7131	0.82	1

X向地震力加-0.05偏心之意外扭矩

樓層	第一點位移	第二點位移	平均位移	Ax	使用Ax
PF	2.5621	2.4987	2.5304	0.72	1
R1F	2.2769	2.2055	2.2412	0.72	1
3F	1.6188	0.8625	1.2407	1.19	1.19
2F	0.7248	0.6961	0.7105	0.73	1

Y向地震力加+0.05偏心之意外扭矩

樓層	第一點位移	第二點位移	平均位移	Ax	使用Ax
PF	2.4239	2.3648	2.3944	0.72	1
R1F	2.2812	2.0809	2.1811	0.76	1
3F	1.6583	0.9373	1.2978	1.14	1.14
2F	0.8133	0.6461	0.7297	0.87	1

Y向地震力加-0.05偏心之意外扭矩

樓層	第一點位移	第二點位移	平均位移	Ax	使用Ax
PF	3.347	2.7859	3.0665	0.83	1
R1F	2.9714	1.2663	2.1189	1.37	1.37
3F	2.0717	0.5193	1.2955	1.78	1.78
2F	0.9587	0.4022	0.6805	1.38	1.38

高志宏結構技師

通廊：

X向地震力加+0.05偏心之意外扭矩

樓層	第一點位移	第二點位移	平均位移	Ax	使用Ax
PF	2.1662	1.0369	1.6016	1.28	1.28
2F	1.2465	0.6512	0.9489	1.2	1.2

X向地震力加-0.05偏心之意外扭矩

樓層	第一點位移	第二點位移	平均位移	Ax	使用Ax
PF	2.2167	1.1833	1.7	1.19	1.19
2F	1.182	0.7166	0.9493	1.08	1.08

Y向地震力加+0.05偏心之意外扭矩

樓層	第一點位移	第二點位移	平均位移	Ax	使用Ax
PF	1.4767	1.4698	1.4733	0.7	1
2F	0.8585	0.8578	0.8582	0.7	1

Y向地震力加-0.05偏心之意外扭矩

樓層	第一點位移	第二點位移	平均位移	Ax	使用Ax
PF	1.5761	1.4315	1.5038	0.77	1
2F	0.9496	0.8113	0.8805	0.81	1

五、載重組合：

依混凝土結構設計規範

鋼筋混凝土結構應力分析載重組合如下:

A. 1.4 DL

B. 1.2 DL + 1.6LL

考慮垂直地震力

C. 1.2 DL + 1.0 LL ± 1.0EX± 0.3EQV

D. 1.2 DL + 1.0 LL ± 1.0EY± 0.3EQV

E. 1.2 DL + 1.0 LL ± 0.3EX± 1.0EQV

F. 1.2 DL + 1.0 LL ± 0.3EY± 1.0EQV

G. 0.90 DL ± 1.0EX ± 0.3EQV

H. 0.90 DL ± 1.0EY ± 0.3EQV

I. 0.90 DL ± 0.3EX ± 1.0EQV

J. 0.90 DL ± 0.3EY ± 1.0EQV

鋼結構應力分析載重組合如下(極限設計法):

A. 1.4DL

B. 1.2DL + 1.6LL

C. 1.2DL + 1.0LL ± 1.6WX

D. 1.2DL + 1.0LL ± 1.6WY

E. 0.9DL ± 1.6WX

F. 0.9DL ± 1.6WY

G. 1.2DL + 1.0LL ± 1.0EX

H. 1.2DL + 1.0LL ± 1.0EY

I. 0.9DL ± 1.0EX

J. 0.9DL ± 1.0EY

考慮垂直地震力

K. 1.2DL + 1.0LL ± 1.0EX ± 0.3EQV

L. 1.2DL + 1.0LL ± 1.0EY ± 0.3EQV

高志宏結構技師

M. 1.2DL + 1.0LL ± 0.3EX ± 1.0EQV

N. 1.2DL + 1.0LL ± 0.3EY ± 1.0EQV

O. 0.9DL ± 1.0EX ± 0.3EQV

P. 0.9DL ± 1.0EY ± 0.3EQV

Q. 0.9DL ± 0.3EX ± 1.0EQV

R. 0.9DL ± 0.3EY ± 1.0EQV

六、靜力分析層間變位角檢核

教學樓：

Story	Load Case	Item	DriftX	DriftY
PF	EQXP	Diaph D1 X	0.00095	0.00000
PF	EQYP	Diaph D1 Y	0.00000	0.00098
PF	EQXN	Diaph D1 X	0.00095	0.00000
PF	EQYN	Diaph D1 Y	0.00000	0.00094
R1F	EQXP	Diaph D1 X	0.00127	0.00000
R1F	EQYP	Diaph D1 X	0.00017	0.00000
R1F	EQYP	Diaph D1 Y	0.00000	0.00113
R1F	EQXN	Diaph D1 X	0.00131	0.00000
R1F	EQYN	Diaph D1 X	0.00021	0.00000
R1F	EQYN	Diaph D1 Y	0.00000	0.00134
4F	EQXP	Diaph D1 X	0.00187	0.00000
4F	EQXP	Diaph D1 Y	0.00000	0.00046
4F	EQYP	Diaph D1 X	0.00025	0.00000
4F	EQYP	Diaph D1 Y	0.00000	0.00124
4F	EQXN	Diaph D1 X	0.00192	0.00000
4F	EQXN	Diaph D1 Y	0.00000	0.00062
4F	EQYN	Diaph D1 X	0.00037	0.00000
4F	EQYN	Diaph D1 Y	0.00000	0.00157
3F	EQXP	Diaph D1 X	0.00220	0.00000
3F	EQXP	Diaph D1 Y	0.00000	0.00062
3F	EQYP	Diaph D1 X	0.00031	0.00000
3F	EQYP	Diaph D1 Y	0.00000	0.00130
3F	EQXN	Diaph D1 X	0.00226	0.00000
3F	EQXN	Diaph D1 Y	0.00000	0.00079
3F	EQYN	Diaph D1 X	0.00046	0.00000
3F	EQYN	Diaph D1 Y	0.00000	0.00164
2F	EQXP	Diaph D1 X	0.00159	0.00000
2F	EQXP	Diaph D1 Y	0.00000	0.00039
2F	EQYP	Diaph D1 X	0.00022	0.00000
2F	EQYP	Diaph D1 Y	0.00000	0.00111
2F	EQXN	Diaph D1 X	0.00164	0.00000
2F	EQXN	Diaph D1 Y	0.00000	0.00051
2F	EQYN	Diaph D1 X	0.00031	0.00000
2F	EQYN	Diaph D1 Y	0.00000	0.00128
		Drift_max	0.00226	0.00164
			<0.005(ok)	<0.005(ok)

行政樓：

Story	Load Case	Item	DriftX	DriftY
PF	EQXP	Diaph D1 X	0.00072	0.00000
PF	EQXP	Diaph D1 Y	0.00000	0.00016
PF	EQYP	Diaph D1 Y	0.00000	0.00072
PF	EQXN	Diaph D1 X	0.00068	0.00000
PF	EQYN	Diaph D1 Y	0.00000	0.00105
R1F	EQXP	Diaph D1 X	0.00128	0.00000
R1F	EQYP	Diaph D1 Y	0.00000	0.00126
R1F	EQXN	Diaph D1 X	0.00125	0.00000
R1F	EQYN	Diaph D1 Y	0.00000	0.00190
3F	EQXP	Diaph D1 X	0.00157	0.00000
3F	EQYP	Diaph D1 Y	0.00000	0.00155
3F	EQXN	Diaph D1 X	0.00153	0.00000
3F	EQYN	Diaph D1 Y	0.00000	0.00243
2F	EQXP	Diaph D1 X	0.00120	0.00000
2F	EQYP	Diaph D1 Y	0.00000	0.00118
2F	EQXN	Diaph D1 X	0.00117	0.00000
2F	EQYN	Diaph D1 Y	0.00000	0.00189
		Drift_max	0.00157	0.00243
			<0.005(ok)	<0.005(ok)

通廊：

Story	Load Case	Item	DriftX	DriftY
PF	EQXP	Diaph D1 X	0.00175	0.00000
PF	EQYP	Diaph D1 Y	0.00000	0.00118
PF	EQXN	Diaph D1 X	0.00177	0.00000
PF	EQYN	Diaph D1 Y	0.00000	0.00124
2F	EQXP	Diaph D1 X	0.00237	0.00000
2F	EQYP	Diaph D1 Y	0.00000	0.00162
2F	EQXN	Diaph D1 X	0.00221	0.00000
2F	EQYN	Diaph D1 Y	0.00000	0.00172
		Drift_max	0.00237	0.00172
			<0.005(ok)	<0.005(ok)

七、防碰撞距離

教學樓：

X向最大變位= 4.1129 公分
Y向最大變位= 3.2822 公分

X 向
factor = 0.6 x 1.4 x ay x Ra
= 0.6 x 1.4 x 3 x 0.284 / 0.286
碰撞距離 = 4.1129 x 2.503 = 10.295 公分

Y 向
factor = 0.6 x 1.4 x ay x Ra
= 0.6 x 1.4 x 3 x 0.313 / 0.328
碰撞距離 = 3.2822 x 2.405 = 7.894 公分

行政樓：

X向最大變位= 2.5934 公分
Y向最大變位= 3.347 公分

X 向
factor = 0.6 x 1.4 x ay x Ra
= 0.6 x 1.4 x 3 x 0.318 / 0.337
碰撞距離 = 2.5934 x 2.378 = 6.168 公分

Y 向
factor = 0.6 x 1.4 x ay x Ra
= 0.6 x 1.4 x 3 x 0.313 / 0.33
碰撞距離 = 3.347 x 2.391 = 8.003 公分

通廊：

X向最大變位= 2.2167 公分

Y向最大變位= 1.5761 公分

X 向

factor = 0.6 x 1.4 x ay x Ra

= 0.6 x 1.4 x 3 x 0.323 / 0.343

碰撞距離 = 2.2167 x 2.374 = 5.263 公分

Y 向

factor = 0.6 x 1.4 x ay x Ra

= 0.6 x 1.4 x 3 x 0.326 / 0.343

碰撞距離 = 1.5761 x 2.396 = 3.777 公分

第四章、　　結構設計說明

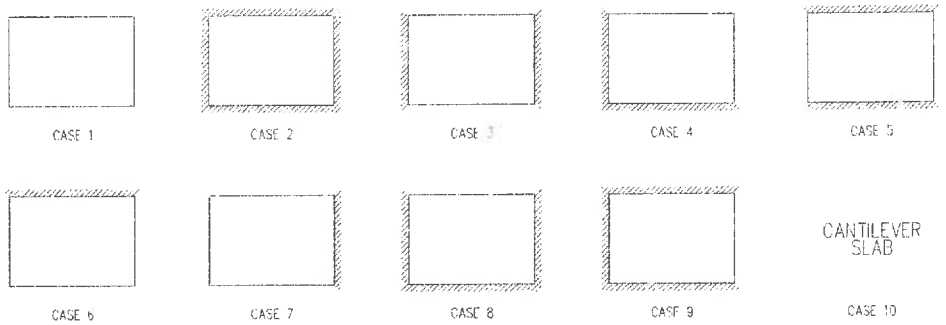
一、梁配筋輸出表

詳細梁配筋輸出資料請詳附件二

二、柱配筋輸出表

詳細柱配筋輸出資料請詳附件二

三、樓板設計



****

Slab	FS1	Case	4		thickness =	50	(cm)	
short =	3.8	(m)	fc' =	280	(kg/cm^2)	D.L. =	8.58	(t/m^2)
long =	9.8	(m)	fy =	4200	(kg/cm^2)	L.L. =	2.04	(t/m^2)
short	M(t-m) =	18.406	As =	11.07	cm^2	#5@10	19.9	cm^2
long	M(t-m) =	7.814	As =	4.8	cm^2	#5@20	9.95	cm^2
	Vu(t) =	24.219		ϕ Vc =	29.93	(t)		
Slab	FS2	Case	4		thickness =	40	(cm)	
short =	2.8	(m)	fc' =	280	(kg/cm^2)	D.L. =	8.58	(t/m^2)
long =	9.8	(m)	fy =	4200	(kg/cm^2)	L.L. =	2.04	(t/m^2)
short	M(t-m) =	9.994	As =	7.71	cm^2	#5@15	13.27	cm^2
long	M(t-m) =	7.814	As =	6.28	cm^2	#5@20	9.95	cm^2
	Vu(t) =	17.845		ϕ Vc =	23.28	(t)		
Slab	FS3	Case	4		thickness =	40	(cm)	
short =	3.8	(m)	fc' =	280	(kg/cm^2)	D.L. =	5.86	(t/m^2)
long =	4.5	(m)	fy =	4200	(kg/cm^2)	L.L. =	1.55	(t/m^2)
short	M(t-m) =	9.148	As =	7.04	cm^2	#4@10	12.7	cm^2
long	M(t-m) =	6.434	As =	5.16	cm^2	#4@10	12.7	cm^2
	Vu(t) =	12.037		ϕ Vc =	23.28	(t)		
Slab	FS4	Case	4		thickness =	40	(cm)	
short =	2.8	(m)	fc' =	280	(kg/cm^2)	D.L. =	5.86	(t/m^2)
long =	8.2	(m)	fy =	4200	(kg/cm^2)	L.L. =	1.55	(t/m^2)
short	M(t-m) =	7.01	As =	5.38	cm^2	#4@12	10.58	cm^2
long	M(t-m) =	3.838	As =	3.6	cm^2	#4@15	8.47	cm^2
	Vu(t) =	12.518		ϕ Vc =	23.28	(t)		

Slab	FS5	Case	4		thickness =	40	(cm)	
short =	2.5	(m)	fc' =	280	(kg/cm^2)	D.L. =	8.58	(t/m^2)
long =	2.6	(m)	fy =	4200	(kg/cm^2)	L.L. =	2.04	(t/m^2)
short	M(t-m) =	4.56	As =	3.6	cm^2	#4@15	8.47	cm^2
long	M(t-m) =	4.235	As =	3.6	cm^2	#4@15	8.47	cm^2
	Vu(t) =	9.12		ϕ Vc =	23.28	(t)		
Slab	S1	Case	4		thickness =	15	(cm)	
short =	3.8	(m)	fc' =	280	(kg/cm^2)	D.L. =	0.56	(t/m^2)
long =	9.8	(m)	fy =	4200	(kg/cm^2)	L.L. =	0.5	(t/m^2)
short	M(t-m) =	1.999	As =	4.37	cm^2	#3@10	7.1	cm^2
long	M(t-m) =	0.849	As =	2.08	cm^2	#3@20	3.55	cm^2
	Vu(t) =	2.629		ϕ Vc =	8.31	(t)		
Slab	S2	Case	4		thickness =	15	(cm)	
short =	2.8	(m)	fc' =	280	(kg/cm^2)	D.L. =	0.56	(t/m^2)
long =	9.8	(m)	fy =	4200	(kg/cm^2)	L.L. =	0.5	(t/m^2)
short	M(t-m) =	1.085	As =	2.34	cm^2	#3@15	4.73	cm^2
long	M(t-m) =	0.849	As =	2.08	cm^2	#3@20	3.55	cm^2
	Vu(t) =	1.938		ϕ Vc =	8.31	(t)		
Slab	S3	Case	4		thickness =	15	(cm)	
short =	2.8	(m)	fc' =	280	(kg/cm^2)	D.L. =	0.56	(t/m^2)
long =	9.8	(m)	fy =	4200	(kg/cm^2)	L.L. =	1.2	(t/m^2)
short	M(t-m) =	1.911	As =	4.17	cm^2	#4@15	8.47	cm^2
long	M(t-m) =	1.494	As =	3.71	cm^2	#4@20	6.35	cm^2
	Vu(t) =	3.412		ϕ Vc =	8.31	(t)		
Slab	S4	Case	4		thickness =	15	(cm)	
short =	3.8	(m)	fc' =	280	(kg/cm^2)	D.L. =	0.56	(t/m^2)
long =	4.5	(m)	fy =	4200	(kg/cm^2)	L.L. =	0.5	(t/m^2)
short	M(t-m) =	1.416	As =	3.07	cm^2	#3@12	5.92	cm^2
long	M(t-m) =	0.996	As =	2.45	cm^2	#3@12	5.92	cm^2
	Vu(t) =	1.863		ϕ Vc =	8.31	(t)		
Slab	S5	Case	4		thickness =	15	(cm)	
short =	3	(m)	fc' =	280	(kg/cm^2)	D.L. =	0.56	(t/m^2)
long =	8.2	(m)	fy =	4200	(kg/cm^2)	L.L. =	0.5	(t/m^2)
short	M(t-m) =	1.246	As =	2.69	cm^2	#3@20	3.55	cm^2
long	M(t-m) =	0.594	As =	1.45	cm^2	#3@20	3.55	cm^2
	Vu(t) =	2.076		ϕ Vc =	8.31	(t)		

Slab	S6	Case	4		thickness =	30	(cm)	
short =	2.3	(m)	fc' =	280	(kg/cm^2)	D.L. =	0.92	(t/m^2)
long =	8.5	(m)	fy =	4200	(kg/cm^2)	L.L. =	0.5	(t/m^2)
short	M(t-m) =	0.947	As =	2.7	cm^2	#4@15	8.47	cm^2
long	M(t-m) =	0.826	As =	2.7	cm^2	#4@15	8.47	cm^2
	Vu(t) =	2.059		ϕ Vc =	18.29	(t)		
Slab	CS1	Case	10		thickness =	15	(cm)	
short =	1.5	(m)	fc' =	280	(kg/cm^2)	D.L. =	1.04	(t/m^2)
long =	4	(m)	fy =	4200	(kg/cm^2)	L.L. =	0.2	(t/m^2)
short	M(t-m) =	1.764	As =	3.84	cm^2	#3@10	7.1	cm^2
long	M(t-m) =	0	As =	1.35	cm^2	#3@20	3.55	cm^2
	Vu(t) =	1.176		ϕ Vc =	8.31	(t)		
Slab	S7	Case	4		thickness =	15	(cm)	
short =	3.6	(m)	fc' =	280	(kg/cm^2)	D.L. =	0.56	(t/m^2)
long =	5.1	(m)	fy =	4200	(kg/cm^2)	L.L. =	0.5	(t/m^2)
short	M(t-m) =	1.534	As =	3.33	cm^2	#3@15	4.73	cm^2
long	M(t-m) =	0.751	As =	1.84	cm^2	#3@20	3.55	cm^2
	Vu(t) =	2.131		ϕ Vc =	8.31	(t)		

四、基礎設計

地梁設計資料包含於梁設計章節。

基礎板設計資料包含於板設計章節。

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Footing ID	F51							
X-fy =	4200	(kg/cm^2)	Y-fy =	4200	(kg/cm^2)	fc' =	280	(kg/cm^2)
Pd =	58	(t)	Pl =	17	(t)	ds' =	5	(cm)
Pex =	0	(t)	Pey =	0	(t)			
Qa =	11.5	(t/m^2)	deep =	0	m	Qa net =	11.5	(t/m^2)
Footing Dimension								
Bf =	300	(cm)	Lf =	300	(cm)	T =	40	(cm)
Column Dimension								
Bc =	80	(cm)	Lc =	80	(cm)	EB =	0	(cm)

Fp_real =	8.34	(t/m^2)	(ok)				
PUNCH SHEAR =	82.61	(t)	ALLOWABLE =	214.18	(t)		(ok)
BEAM SHEAR =	24.21	(t)	ALLOWABLE =	69.85	(t)		(ok)
X-MOMENT =	19.53	(t-m)	NEED AS =	21	(cm^2)		
Y-MOMENT =	19.53	(t-m)	NEED AS =	20.1	(cm^2)		
X-bar	#4@15	As =	25.41	(cm2)	(ok)		
Y-bar	#4@15	As =	25.41	(cm2)	(ok)		

****

Footing ID	F52						
X-fy =	4200	(kg/cm^2)	Y-fy =	4200	(kg/cm^2)	fc' =	280 (kg/cm^2)
Pd =	23	(t)	Pl =	3	(t)	ds' =	5 (cm)
Pex =	10	(t)	Pey =	0	(t)		
Qa =	11.5	(t/m^2)	deep =	0	m	Qa net =	11.5 (t/m^2)
Footing Dimension							
Bf =	300	(cm)	Lf =	300	(cm)	T =	40 (cm)
Column Dimension							
Bc =	90	(cm)	Lc =	160	(cm)	EB =	0 (cm)

Fp_real =	4	(t/m^2)	(ok)				
PUNCH SHEAR =	29.67	(t)		ALLOWABLE =	297.99	(t)	(ok)
BEAM SHEAR =	9.5	(t)		ALLOWABLE =	69.85	(t)	(ok)
X-MOMENT =	7.48	(t-m)		NEED AS =	21	(cm^2)	
Y-MOMENT =	3.33	(t-m)		NEED AS =	20.1	(cm^2)	
X-bar	#4@15	As =	25.41	(cm2)	(ok)		
Y-bar	#4@15	As =	25.41	(cm2)	(ok)		

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Footing ID	F91						
X-fy =	4200	(kg/cm^2)	Y-fy =	4200	(kg/cm^2)	fc' =	280 (kg/cm^2)
Pd =	132	(t)	Pl =	106	(t)	ds' =	5 (cm)
Pex =	0	(t)	Pey =	0	(t)		
Qa =	8.42	(t/m^2)	deep =	1.35	m	Qa net =	5.72 (t/m^2)
Footing Dimension							
Bf =	180	(cm)	Lf =	2640	(cm)	T =	40 (cm)
Column Dimension							
Bc =	35	(cm)	Lc =	2540	(cm)	EB =	0 (cm)

Fp_real =	5.01	(t/m^2)	(ok)				
PUNCH SHEAR =	203.82	(t)		ALLOWABLE =	2463.04	(t)	(ok)
BEAM SHEAR =	68.41	(t)		ALLOWABLE =	614.6	(t)	(ok)
X-MOMENT =	47.95	(t-m)		NEED AS =	184.8	(cm^2)	
Y-MOMENT =	1.56	(t-m)		NEED AS =	12.06	(cm^2)	
X-bar	#4@15	As =	223.608	(cm2)	(ok)		
Y-bar	#4@15	As =	15.246	(cm2)	(ok)		

高志宏結構技師
事務所驗證章

五、鋼柱梁底螺栓計算

SC1

尺寸	圓管柱500x12 mm		
受軸拉力(地震力)=	7 t		
受軸壓力(靜載重)=	5.6 t		
受彎矩(地震力)=	18.2 t		
受剪力(地震力)=	2.8 t		
混凝土強度=	280 kgf/cm2		
鋼材強度=	2400 kgf/cm2		
螺栓距=	70 cm		
單邊螺栓配置=	1 排	8 顆(內排)	
總螺栓數量=	22 顆		
使用螺栓= A307	M24		
單顆螺栓所受拉力=	2.5 t		
單顆螺栓所受剪力=	0.2 t		
螺栓剪應力=	0.03 t/cm2		
承受剪力螺栓設計拉力=	3.2 t/cm2		
單顆螺栓設計拉力=	10.9 t	>	2.5 t.....(OK)
螺栓造成柱底鈑彎矩M=	196218.2 kgf-cm		
柱底鈑厚度=	3.6 cm		
柱底鈑S=	194.4 cm3		
S需求=M/φfy=	90.9 cm3	<	194.4 cm3....(OK)

SC2

尺寸	圓管柱500x12 mm		
受軸拉力(地震力)=	84 t		
受軸壓力(靜載重)=	30 t		
受彎矩(地震力)=	28 t		
受剪力(地震力)=	8.4 t		
混凝土強度=	280 kgf/cm2		
柱鋼材強度=	2400 kgf/cm2		
螺栓距=	70 cm		
單邊螺栓配置=	1 排	6 顆(內排)	
總螺栓數量=	20 顆		
使用螺栓=	A307	M24	
單顆螺栓所受拉力=	6.9 t		
單顆螺栓所受剪力=	0.5 t		
螺栓剪應力=	0.1 t/cm2		
承受剪力螺栓設計拉力=	3.2 t/cm2		
單顆螺栓設計拉力=	10.9 t	>	6.9 t.....(OK)
螺栓造成柱底鈑彎矩M=	411000 kgf-cm		
柱底鈑厚度=	3.6 cm		
柱底鈑S=	194.4 cm3		
S需求=M/φfy=	190.3 cm3	<	194.4 cm3....(OK)

SB1

尺寸	H500x200x10x16	mm	
受軸拉力(地震力)=	0	t	
受軸壓力(靜載重)=	0	t	
受彎矩(地震力)=	15	t	
受剪力(地震力)=	5.2	t	
混凝土強度=	280	kgf/cm2	
鋼材強度=	2400	kgf/cm2	
螺栓距=	49.2	cm	
單邊螺栓配置=	1 排	8 顆(內排)	
總螺栓數量=	20	顆	
使用螺栓=	A307	M24	
單顆螺栓所受拉力=	3.1	t	
單顆螺栓所受剪力=	0.3	t	
螺栓剪應力=	0.06	t/cm2	
承受剪力螺栓設計拉力=	3.2	t/cm2	
單顆螺栓設計拉力=	10.9 t	> 3.1 t.....(OK)	
螺栓造成柱底鈑彎矩M=	65853.7	kgf-cm	
柱底鈑厚度=	2.5	cm	
柱底鈑S=	31.3	cm3	
S需求=M/φfy=	30.5 cm3	< 31.3 cm3....(OK)	

六、鋼梁接合螺栓計算

梁端接合檢合：

梁尺寸：	H500X200X10X16		
降伏強度=	2500	kgf/cm2	
極限強度=	4100	kgf/cm2	
梁剪力面積=	50	cm	
梁可承受最大剪力=	67.5	t	
配置螺栓號數=	M20		
配置螺栓顆數=	8	顆	
螺栓需承受剪力=	8.44	t	
M20螺栓可承受剪力=	9.43	t	
安全係數=	1.12	>1	(OK)
連接鈑厚度			
螺栓孔承壓強度=	14.76	t	
安全係數=	1.75	>1	(OK)
連接鈑高度=	42	cm	
連接鈑厚度需求=	1.190476	cm	
使用鈑厚=	12	mm	(OK)

七、牆設計

以 2FYP2 為例，計算如下：(其餘設計結果詳附件二)

ETABS Shear Wall Design

ACI 318-08 Pier Design

Pier Details

Story ID	Pier ID	Centroid X (cm)	Centroid Y (cm)	Length (cm)	Thickness (cm)	LLRF
2F	YP2	-2388.05	1575.102	515	49.854	1

Material Properties

E_c (kgf/cm²)	f'_c (kgf/cm²)	Lt.Wt Factor (Unitless)	f_y (kgf/cm²)	f_{ys} (kgf/cm²)
250998	280	1	4200	4200

Design Code Parameters

Φ_T	Φ_C	Φ	Φ (Seismic)	P_{MAX}	P_{MIN}	P_{MAX}
0.9	0.65	0.75	0.6	0.02	0.0025	0.8

Pier Leg Location, Length and Thickness

Station Location	ID	Left X cm	Left Y cm	Right X cm	Right Y cm	Length cm	Thickness cm
Top	Leg 1	-2516.8	1453.1	-2259.3	1899.103	515	25
Bottom	Leg 1	-2516.8	1453.1	-2259.3	1899.103	515	25

Flexural Design for P, M_2 and M_3

Station	D/C	Flexural	P kgf	M_{22} kgf-cm	M_{33} kgf-cm
Top	0.525	NRC211N	229668.38	-12895617.13	235251792.43
Bottom	0.808	NRC232N	48714.17	16015403.86	360289262.66

Shear Design

Station Location	ID	Rebar cm²/cm	Shear Combo	P kgf	M kgf-cm	V kgf	ΦV_c kgf	ΦV_s kgf
Top	Leg 1	0.1301	NRC213N	326582.42	-11424311.91	271512.88	102824.81	271512.88
Bottom	Leg 1	0.1301	NRC213N	342546.75	-120069466	271512.88	102824.81	271512.88

Boundary Element Check (ACI 21.9.6.3, 21.9.6.4)

Station Location	ID	Edge Length (cm)	Governing Combo	P kgf	M kgf-cm	Stress Comp kgf/cm²	Stress Limit kgf/cm²	C Depth cm	C Limit cm
Top-Left	Leg 1	Not Required	NRC213N	326582.42	-11424311.91	35.7	56		
Top-Right	Leg 1	Not Required	NRC213N	326582.42	-11424311.91	15.03	56		
Bottom-Left	Leg 1	33.956	NRC213N	342546.75	-120069466	135.26	56	67.912	117.595
Bottom-Right	Leg 1	33.065	NRC213N	290274.91	41859013.24	60.42	56	56.13	122.619

八、教學樓電梯區樓板剪力傳遞檢討

樓板受力

TABLE: Section Cut Forces - Analysis			
SectionCut	Output Case	Case Type	F2 tonf
2F板	EQYP	LinStatic	-1.5959
2F板	EQYN	LinStatic	2.9371
3F板	EQYP	LinStatic	28.3782
3F板	EQYN	LinStatic	29.4574
4F板	EQYP	LinStatic	55.324
4F板	EQYN	LinStatic	69.3524

取最大剪力為 4F 板=69.4(t)

樓板厚度=30 公分，樓板承受剪力配筋計算如下：

α c=	0.8	
板厚=	30	cm
板長=	225	cm
Vu=	69.4	t
=	69400	kgf

$$V_n = \frac{V_u}{\varphi} = \left(\alpha_c\sqrt{f'_c} + \rho_t f_y\right)A_c$$

fc' =	280	kgf/cm2
fy=	2800	kgf/cm2
ϕ =	0.6	
ρ t=	0.001339	
As=	4.02	cm2/m

將上述額外配筋量 4.02cm2/m 加至 S6 板配筋。

S6 板配筋原為 3cm2/m，總配筋量=3+4.02/2=5.01cm2/m

S6 板配筋為#4@15,15，As=8.26cm2/m > 5.01cm2/m … … (ok)

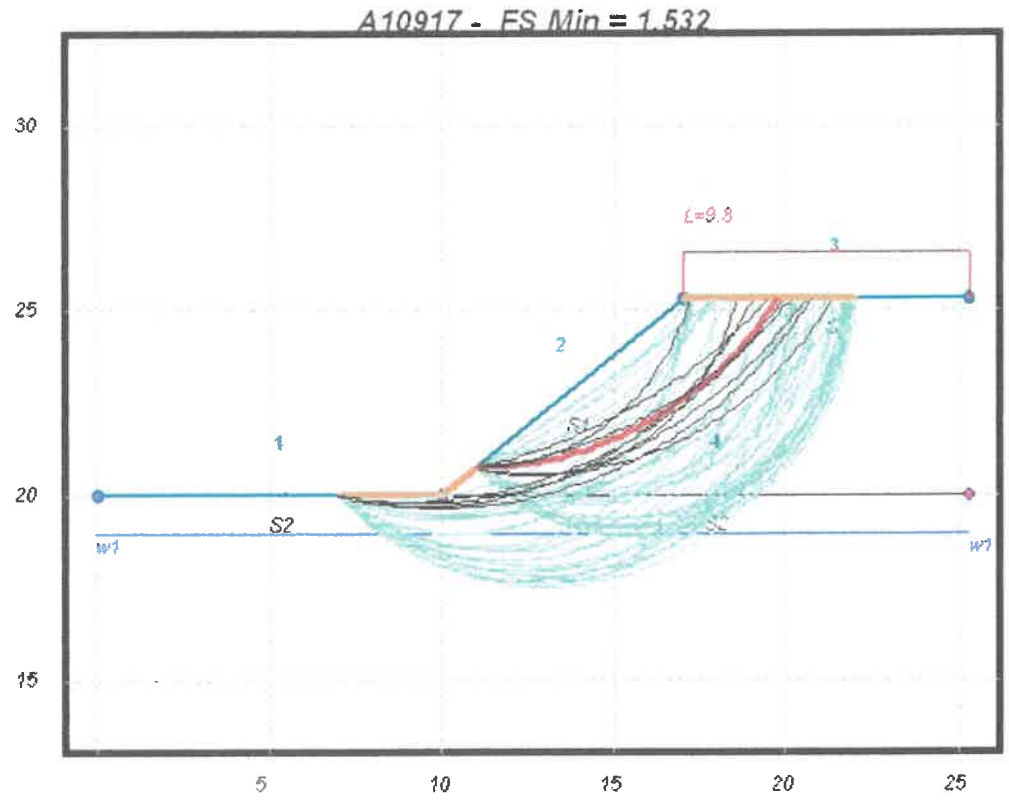
第五章、　　開挖擋土措施

行政樓及通廊無地下室，開挖深小於 1.5 公尺，不需規劃開挖擋土措施。教學樓為地下室一層，開挖深為 5.3 公尺，因四周鄰地空間足夠，採 37 度斜坡明挖工法。

表4.3 各地層簡化設計用建議參數表

層次	地層描述	分類	平均分布深度 (m)	平均厚度 (m)	SPT-N值	統體單位重 (t/m^3)	c (tf/m^2)	ϕ (°)
1	表土層	SM/ML	0.0 ∫ 5.3	5.3	3~50 (8)	1.90	c'=0 c=1 註3, 註4	ψ'=26 ψ=22 註3, 註4
2	承載層:卵礫石層	GP/GM	5.3 ∫	-	>100 (50)	2.20	1 註5	40 註5

明挖穩定分析如下所示：安全係數 1.532 > 1.5……(OK)



附件一
分析模型輸入資料

教學樓：

```
$ PROGRAM INFORMATION
  PROGRAM  "ETABS"  VERSION "19.1.0"

$ CONTROLS
  UNITS  "KG"  "CM"  "C"
  TITLE1  "leader's club"
  TITLE2  "EXAMPLE-25_2016 加強胃版視基板剛性地震力資料"
  PREFERENCE  MERGETOL 0.1
  RLLF  METHOD "NONE"

$ STORIES - IN SEQUENCE FROM TOP
  STORY "PH"  HEIGHT 300 MASTERSTORY "Yes"
  STORY "RIF"  HEIGHT 400 MASTERSTORY "Yes"
  STORY "4F"  HEIGHT 400 MASTERSTORY "Yes"
  STORY "3F"  HEIGHT 400 MASTERSTORY "Yes"
  STORY "2F"  HEIGHT 400 SIMILARTO "3F"
  STORY "1F"  HEIGHT 400 SIMILARTO "3F"
  STORY "B1F"  HEIGHT 350 SIMILARTO "3F"
  STORY "Base"  ELEV 0

$ GRIDS
  GRIDSYSTEM "G1"  TYPE "CARTESIAN"  BUBBLESIZE 125
  GRID "G1"  LABEL "A"  DIR "X"  COORD 0 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "B"  DIR "X"  COORD 774 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "C"  DIR "X"  COORD 1724 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "D"  DIR "X"  COORD 2574 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "E"  DIR "X"  COORD 3424 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "F"  DIR "X"  COORD 4274 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "G"  DIR "X"  COORD 5124 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "H"  DIR "X"  COORD 5874 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "1"  DIR "Y"  COORD 0 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G1"  LABEL "2"  DIR "Y"  COORD 525 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G1"  LABEL "3"  DIR "Y"  COORD 1140 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G1"  LABEL "4"  DIR "Y"  COORD 1440 VISIBLE "Yes"  BUBBLELOC "Start"
  GRIDSYSTEM "G2"  TYPE "CARTESIAN"  UX -2516.8 UY 1453.1 RZ -30 BUBBLESIZE 125
  GRID "G2"  LABEL "A"  DIR "X"  COORD -410 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "B"  DIR "X"  COORD -295 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "C"  DIR "X"  COORD 0 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "D"  DIR "X"  COORD 850 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "E"  DIR "X"  COORD 1700 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "F"  DIR "X"  COORD 2550 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "G"  DIR "X"  COORD 2823 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "1"  DIR "Y"  COORD 0 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G2"  LABEL "2"  DIR "Y"  COORD 515 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G2"  LABEL "3"  DIR "Y"  COORD 1115 VISIBLE "Yes"  BUBBLELOC "Start"

$ DIAPHRAGM NAMES
  DIAPHRAGM "D1"  TYPE RIGID

$ MATERIAL PROPERTIES
  MATERIAL  "STEEL"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833414
  MATERIAL  "STEEL"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.169999995909017E-05
  MATERIAL  "STEEL"  FY 3515.348  FU 4566.953 FYE 3866.883  FUE 5026.948
  MATERIAL  "STEEL"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17 FINALSLOPE
-0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "CONC"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002402616
  MATERIAL  "CONC"  SYMTYPE "Isotropic"  E 253105.1  U 0.2  A 9.889999895424126-06
  MATERIAL  "CONC"  FC 281.2278
  MATERIAL  "CONC"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "OTHER"  TYPE "Other"  WEIGHTPERVOLUME 0.007833414
  MATERIAL  "OTHER"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.169999895909017E-05
  MATERIAL  "OTHER"  DESIGNTYPE "OTHER"
  MATERIAL  "OTHER"  HYSTYPE "Elastic"  IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION
0.02 IGNORETENSIONACCEPTANCE "No"
  MATERIAL  "OTHER"  STRAIN -1 STRESS -1
  MATERIAL  "OTHER"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "OTHER"  STRAIN 1 STRESS 1
  MATERIAL  "OC210"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "OC210"  SYMTYPE "Isotropic"  E 217371  U 0.2  A 9.899999895424126-06
  MATERIAL  "OC210"  FC 210
  MATERIAL  "OC210"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "OC210"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "OC245"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "OC245"  SYMTYPE "Isotropic"  E 234787  U 0.2  A 9.899999895424126-06
  MATERIAL  "OC245"  FC 245
  MATERIAL  "OC245"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "OC245"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "OC280"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "OC280"  SYMTYPE "Isotropic"  E 250998  U 0.2  A 9.899999895424126-06
  MATERIAL  "OC280"  FC 280
  MATERIAL  "OC280"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "OC280"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "OC315"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "OC315"  SYMTYPE "Isotropic"  E 266224  U 0.2  A 9.899999895424126-06
  MATERIAL  "OC315"  FC 315
  MATERIAL  "OC315"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "OC315"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "OC350"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "OC350"  SYMTYPE "Isotropic"  E 280524  U 0.2  A 9.899999895424126-06
  MATERIAL  "OC350"  FC 350
  MATERIAL  "OC350"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "OC350"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "OC35042"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "OC35042"  SYMTYPE "Isotropic"  E 280624  U 0.2  A 9.8089989542412E-06
  MATERIAL  "OC35042"  FC 350
  MATERIAL  "OC35042"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "OC35042"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "OSA36"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833
  MATERIAL  "OSA36"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.169999995909017E-05
  MATERIAL  "OSA36"  FY 2500  FU 4000 FYE 3866.883  FUE 5026.948
  MATERIAL  "OSA36"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17 FINALSLOPE
-0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "OSA572GR50"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833
  MATERIAL  "OSA572GR50"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.169999995909017E-05
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  MATERIAL  "OSA572GR50"  FY 3450  FU 4500 FYE 3886.883  FUE 5026.948
  MATERIAL  "OSA572GR50"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "SN400Y"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833
  MATERIAL  "SN400Y"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.169999995909017E-05
  MATERIAL  "SN400Y"  FY 2400  FU 4100 FYE 3886.883  FUE 5026.948
  MATERIAL  "SN400Y"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17 FINALSLOPE
-0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "SN490Y"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833
  MATERIAL  "SN490Y"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.169999995909017E-05
  MATERIAL  "SN490Y"  FY 3300  FU 5000 FYE 3866.883  FUE 5026.948
  MATERIAL  "SN490Y"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17 FINALSLOPE
-0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "A615Gr60"  TYPE "Rebar"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "A615Gr60"  SYMTYPE "Uniaxial"  E 2038902  A 1.169999995909017E-05
  MATERIAL  "A615Gr60"  FY 4218.418  FU 6327.626 FYE 4218.418  FUE 6327.626
  MATERIAL  "A615Gr60"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "FY4200"  TYPE "Rebar"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "FY4200"  SYMTYPE "Uniaxial"  E 2038902  A 1.169999995909017E-05
  MATERIAL  "FY4200"  FY 4200  FU 6300 FYE 4200  FUE 6300
  MATERIAL  "FY4200"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.01 STRAINATULTIMATE 0.08 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "Stirrup"  TYPE "Rebar"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "Stirrup"  SYMTYPE "Uniaxial"  E 2038902  A 1.169999995909017E-05
  MATERIAL  "Stirrup"  FY 2800  FU 4200 FYE 2800  FUE 4200
  MATERIAL  "Stirrup"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "A416Gr270"  TYPE "Tendon"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "A416Gr270"  SYMTYPE "Uniaxial"  E 2003748  A 1.168999995909017E-05
  MATERIAL  "A416Gr270"  FY 17232.24  FU 18982.88
  MATERIAL  "A416Gr270"  HYSTYPE "Kinematic"  SSTYPE "270ksi"  FINALSLOPE -0.1 IOTENSION 0.015 LSTENSION 0.023 CPTENSION 0.03
IOCOMPRESSION 0.015 LSCOMPRESSION 0.023 CPCOMPRESSION 0.03
  MATERIAL  "FY2800"  TYPE "Rebar"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "FY2800"  SYMTYPE "Uniaxial"  E 2038902  A 1.169999995909017E-05
  MATERIAL  "FY2800"  FY 2800  FU 4200 FYE 2800  FUE 4200
  MATERIAL  "FY2800"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "A653SQGr50"  TYPE "Coldformed"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "A653SQGr50"  SYMTYPE "Isotropic"  E 2074055  U 0.3  A 1.168999995909017E-05
  MATERIAL  "A653SQGr50"  HYSTYPE "Kinematic"  IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01
CPCOMPRESSION 0.02
  MATERIAL  "A653SQGr50"  STRAIN -69 STRESS 0
  MATERIAL  "A653SQGr50"  STRAIN -69 STRESS -1 POINTID "-E"
  MATERIAL  "A653SQGr50"  STRAIN -47.2 STRESS -1.3 POINTID "-D"
  MATERIAL  "A653SQGr50"  STRAIN -29.5 STRESS -1.9 POINTID "-C"
  MATERIAL  "A653SQGr50"  STRAIN -11.8 STRESS -1
  MATERIAL  "A653SQGr50"  STRAIN -1 STRESS -1 POINTID "-B"
  MATERIAL  "A653SQGr50"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "A653SQGr50"  STRAIN 1 STRESS 1 POINTID "B"
  MATERIAL  "A653SQGr50"  STRAIN 11.8 STRESS 1
  MATERIAL  "A653SQGr50"  STRAIN 29.5 STRESS 1.3 POINTID "C"
  MATERIAL  "A653SQGr50"  STRAIN 47.2 STRESS 1.3 POINTID "D"
  MATERIAL  "A653SQGr50"  STRAIN 59 STRESS 1 POINTID "E"
  MATERIAL  "A653SQGr50"  STRAIN 69 STRESS 0

$ REBAR DEFINITIONS
  REBARDEFINITION  "#2"  AREA  0.3258 DIA  0.635
  REBARDEFINITION  "#5"  AREA  0.796876 DIA  0.8525
  REBARDEFINITION  "#4"  AREA  1.26 DIA  1.27
  REBARDEFINITION  "#5"  AREA  1.97 DIA  1.5676
  REBARDEFINITION  "#6"  AREA  2.84 DIA  1.995
  REBARDEFINITION  "#7"  AREA  3.8 DIA  2.2225
  REBARDEFINITION  "#8"  AREA  5.06 DIA  2.54
  REBARDEFINITION  "#9"  AREA  6.4 DIA  2.86512
  REBARDEFINITION  "#10"  AREA  8.13 DIA  3.2258
  REBARDEFINITION  "#11"  AREA  10.0645 DIA  3.5814
  REBARDEFINITION  "#14"  AREA  14.5161 DIA  4.30022
  REBARDEFINITION  "#18"  AREA  25.8064 DIA  5.73278
  REBARDEFINITION  "10M"  AREA  1 DIA  1.13
  REBARDEFINITION  "15M"  AREA  2 DIA  1.6
  REBARDEFINITION  "20M"  AREA  3 DIA  1.95
  REBARDEFINITION  "25M"  AREA  5 DIA  2.52
  REBARDEFINITION  "30M"  AREA  7 DIA  2.99
  REBARDEFINITION  "35M"  AREA  10 DIA  3.57
  REBARDEFINITION  "45M"  AREA  15 DIA  4.37
  REBARDEFINITION  "55M"  AREA  25 DIA  5.64
  REBARDEFINITION  "6d"  AREA  0.283 DIA  0.6
  REBARDEFINITION  "8d"  AREA  0.503 DIA  0.8
  REBARDEFINITION  "10d"  AREA  0.785 DIA  1
  REBARDEFINITION  "12d"  AREA  1.13 DIA  1.2
  REBARDEFINITION  "14d"  AREA  1.54 DIA  1.4
  REBARDEFINITION  "16d"  AREA  2.01 DIA  1.6
  REBARDEFINITION  "20d"  AREA  3.14 DIA  2
  REBARDEFINITION  "25d"  AREA  4.91 DIA  2.5
  REBARDEFINITION  "25d"  AREA  5.31 DIA  2.6
  REBARDEFINITION  "28d"  AREA  6.16 DIA  2.8

$ FRAME SECTIONS
  FRAMESECTION  "B_25X40_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 40 B 25 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_30X50_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 50 B 30 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_40X60_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 60 B 40 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_35X50_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 50 B 35 NOTIONALUSERVALUE 10
  FRAMESECTION  "S_H390X300_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 30 B 30 TF 1.5 TW 1
  FRAMESECTION  "S_H390X300_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 38 B 30 TF 1.6 TW 1
  FRAMESECTION  "S_H440X300_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 44 B 30 TF 1.8 TW 1.1
  FRAMESECTION  "S_H482X300_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 48.2 B 30 TF 1.5 TW 1.1
  FRAMESECTION  "S_H488X300_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 48.8 B 30 TF 1.8 TW 1.1
  FRAMESECTION  "S_H582X300_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 58.2 B 30 TF 1.7 TW 1.2
  FRAMESECTION  "S_H588X300_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 58.8 B 30 TF 2 TW 1.2
  FRAMESECTION  "S_H700X300_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 70 B 30 TF 2.4 TW 1.3
  FRAMESECTION  "S_H800X300_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 80 B 30 TF 2.6 TW 1.4
  FRAMESECTION  "S_H900X300_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 90 B 30 TF 2.8 TW 1.6
  FRAMESECTION  "S_H200X200_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 20 B 20 TF 1.2 TW 0.8
  FRAMESECTION  "S_H294X200_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 29.4 B 20 TF 1.2 TW 0.8
  FRAMESECTION  "S_H400X200_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 40 B 20 TF 1.3 TW 0.8
  FRAMESECTION  "S_H450X200_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 45 B 20 TF 1.4 TW 0.9
  FRAMESECTION  "S_H500X200_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 50 B 20 TF 1.6 TW 1
  FRAMESECTION  "S_H600X200_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 60 B 20 TF 1.7 TW 1.1
  FRAMESECTION  "S_H350X175_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 35 B 17.5 TF 1.1 TW 0.7
  FRAMESECTION  "S_H250X250_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 25 B 25 TF 1.4 TW 0.8
  FRAMESECTION  "S_H350X350_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 35 B 35 TF 1.9 TW 1.2
  FRAMESECTION  "S_H400X400_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 40 B 40 TF 2.1 TW 1.3
  FRAMESECTION  "S_H300X150_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 30 B 15 TF 0.9 TW 0.65
  FRAMESECTION  "S_H150X150_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 15 B 15 TF 1 TW 0.7
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FRAMESECTION  "S_R100X100_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 10 B 10 TF 0.8 TW 0.6
FRAMESECTION  "S_B200X100_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 20 B 10 TF 0.8 TW 0.55
FRAMESECTION  "S_K244X175_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 24.4 B 17.5 TF 1.1 TW 0.7
FRAMESECTION  "BF_40X180_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 180 B 40 NOTIONALUSERVALUE 10
FRAMESECTION  "C_D60_7/20_280"  MATERIAL "OC280"  SHAPE "Concrete Circle"  D 60 NOTIONALUSERVALUE 10
FRAMESECTION  "C_50X50_6/20_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 50 B 50 NOTIONALUSERVALUE 10
FRAMESECTION  "B_25X70_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 70 B 25 NOTIONALUSERVALUE 10
FRAMESECTION  "B_30X70_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 70 B 30 NOTIONALUSERVALUE 10
FRAMESECTION  "BF_30X180_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 180 B 30 NOTIONALUSERVALUE 10
FRAMESECTION  "B_45X60_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 60 B 45 NOTIONALUSERVALUE 10
FRAMESECTION  "C_80X80_8/36_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
FRAMESECTION  "C_D80_8/20_280"  MATERIAL "OC280"  SHAPE "Concrete Circle"  D 80 NOTIONALUSERVALUE 10
FRAMESECTION  "B_50X70_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 70 B 50 NOTIONALUSERVALUE 10
FRAMESECTION  "B_40X70_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 70 B 40 NOTIONALUSERVALUE 10
FRAMESECTION  "BF_25X200_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 200 B 25 NOTIONALUSERVALUE 10
FRAMESECTION  "S_I225X125_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 23 B 12.5 TF 0.9 TW 0.6
FRAMESECTION  "S_B600X600T22T22_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 60 B 60 TF 2.2 TW 2.2
FRAMESECTION  "B_25X50_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 50 B 25 NOTIONALUSERVALUE 10
FRAMESECTION  "B_30X60_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 60 B 30 NOTIONALUSERVALUE 10
FRAMESECTION  "B_35X60_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 60 B 35 NOTIONALUSERVALUE 10
FRAMESECTION  "B_35X70_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 70 B 35 NOTIONALUSERVALUE 10
FRAMESECTION  "B_50X80_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 50 NOTIONALUSERVALUE 10
FRAMESECTION  "BF_50X180_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 180 B 50 NOTIONALUSERVALUE 10
FRAMESECTION  "C_40X40_6/16_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 40 B 40 NOTIONALUSERVALUE 10
FRAMESECTION  "C_70X70_7/36_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 70 B 70 NOTIONALUSERVALUE 10
FRAMESECTION  "C_60X60_6/28_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 60 B 60 NOTIONALUSERVALUE 10
FRAMESECTION  "C_90X90_8/40_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 90 B 90 NOTIONALUSERVALUE 10
FRAMESECTION  "S_H125X125_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 12.5 B 12.5 TF 0.9 TW 0.65
FRAMESECTION  "S_H175X175_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 17.5 B 17.5 TF 1.1 TW 0.75
FRAMESECTION  "S_H200X150_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 19.4 B 15 TF 0.9 TW 0.6
FRAMESECTION  "S_H148X100_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 14.8 B 10 TF 0.9 TW 0.6
FRAMESECTION  "S_H340X250_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 34 B 25 TF 1.4 TW 0.9
FRAMESECTION  "S_B600X600X25X25_40"  MATERIAL "SM490Y"  SHAPE "Steel Tube"  D 60 B 60 TF 2.5 TW 2.5
FRAMESECTION  "S_B500X500X19X19_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 50 B 50 TF 1.9 TW 1.9
FRAMESECTION  "S_B500X500X19X19_40"  MATERIAL "SM490Y"  SHAPE "Steel Tube"  D 50 B 50 TF 1.9 TW 1.9
FRAMESECTION  "S_P101.6X5_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 10.16 T 0.5
FRAMESECTION  "S_P139.8X6_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 13.98 T 0.6
FRAMESECTION  "S_P165.2X6_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 16.52 T 0.6
FRAMESECTION  "S_P216.3X8_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 21.63 T 0.8
FRAMESECTION  "S_P318.5X9_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 31.85 T 0.9
FRAMESECTION  "S_P267.4X9_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 26.74 T 0.8
FRAMESECTION  "S_TU190X100X8_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 10 B 10 TF 0.6 TW 0.6
FRAMESECTION  "S_TU125X125X8_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 12.5 B 12.5 TF 0.6 TW 0.6
FRAMESECTION  "S_TU150X150X6_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 15 B 15 TF 0.6 TW 0.6
FRAMESECTION  "S_L50X50X5_40"  MATERIAL "SM490Y"  SHAPE "Steel Angle"  D 5 B 5 TF 0.5 TW 0.5
FRAMESECTION  "S_L75X75X9_40"  MATERIAL "SM490Y"  SHAPE "Steel Angle"  D 7.5 B 7.5 TF 0.9 TW 0.9
FRAMESECTION  "S_L100X100X9_40"  MATERIAL "SM400Y"  SHAPE "Steel Angle"  D 10 B 10 TF 0.9 TW 0.9
FRAMESECTION  "S_L150X150X12_40"  MATERIAL "SM490Y"  SHAPE "Steel Angle"  D 15 B 15 TF 1.2 TW 1.2
FRAMESECTION  "S_C100X50_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 10 B 5 TF 0.7 TW 0.5
FRAMESECTION  "S_C125X65_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 12.5 B 6.5 TF 0.8 TW 0.6
FRAMESECTION  "S_C150X75_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 15 B 7.5 TF 1 TW 0.65
FRAMESECTION  "S_C200X80_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 20 B 8 TF 1.1 TW 0.75
FRAMESECTION  "S_C250X90_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 25 B 9 TF 1.3 TW 0.9
FRAMESECTION  "S_C300X90_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 30 B 9 TF 1.3 TW 0.9
FRAMESECTION  "SteelCol"  MATERIAL "SM490Y"  SHAPE "Steel I/Wide Flange"  D 50 B 50 TF 2.5 TW 1.25
FRAMESECTION  "SteelBm"  MATERIAL "SM490Y"  SHAPE "Steel I/Wide Flange"  D 50 B 16.06967 TF 1.25 TW 0.625
FRAMESECTION  "ConcCol"  MATERIAL "OC35042"  SHAPE "Concrete Rectangular"  D 37.5 B 37.5
FRAMESECTION  "ConcBm"  MATERIAL "OC35042"  SHAPE "Concrete Rectangular"  D 50 B 37.5
FRAMESECTION  "S_H100X140X22X4_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 10 B 14 TF 0.2 TW 0.4
FRAMESECTION  "C_80X130_8/10-15_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 130 NOTIONALUSERVALUE 10
FRAMESECTION  "B_70X70_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 70 B 70 NOTIONALUSERVALUE 10
FRAMESECTION  "C_80X80_8/40_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
FRAMESECTION  "C_80X80_8/32_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
FRAMESECTION  "C_80X80_8/28_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
FRAMESECTION  "C_80X80_7/28_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
FRAMESECTION  "C_80X80_7/24_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
FRAMESECTION  "C_D80_8/24_280"  MATERIAL "OC280"  SHAPE "Concrete Circle"  D 80 NOTIONALUSERVALUE 10
FRAMESECTION  "C_D80_8/16_280"  MATERIAL "OC280"  SHAPE "Concrete Circle"  D 80 NOTIONALUSERVALUE 10
FRAMESECTION  "C_D80_7/16_280"  MATERIAL "OC280"  SHAPE "Concrete Circle"  D 80 NOTIONALUSERVALUE 10
FRAMESECTION  "C_80X80_8/24_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
FRAMESECTION  "C_80X80_8/20_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
FRAMESECTION  "C_80X130_8/9-14_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 130 NOTIONALUSERVALUE 10
FRAMESECTION  "C_80X130_8/8-12_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 130 NOTIONALUSERVALUE 10
FRAMESECTION  "C_80X130_8/7-11_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 130 NOTIONALUSERVALUE 10

$ CONCRETE SECTIONS
  CONCRETESECTION  "B_25X40_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_30X50_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_40X60_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_35X50_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "BF_40X180_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 10.5 COVERBOTTOM 10.5
ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "C_D60_7/20_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "C-20"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 3.87099 CONFINEBARAREA 0.709676 CONFINEBARSPACING 15
  CONCRETESECTION  "C_50X50_6/20_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-6-6"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 2.838704 CONFINEBARAREA 0.709676 CONFINEBARSPACING 15 NUMCONFINEBARS3 2 NUMCONFINEBARS2 2
  CONCRETESECTION  "B_25X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_30X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "BF_30X180_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 10.5 COVERBOTTOM 10.5
ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_45X60_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "C_80X80_8/36_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-10-10"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.08 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "C_D80_8/20_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "C-20"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15
  CONCRETESECTION  "B_50X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_40X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "BF_25X200_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 10.5 COVERBOTTOM 10.5
ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_25X50_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_30X60_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_35X60_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
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  CONCRETESECTION  "B_35X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_50X80_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "BF_50X180_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 10.5 COVERBOTTOM 10.5
ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "C_40X40_6/16_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-5-5"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 2.838704 CONFINEBARAREA 0.709876 CONFINEBARSPACING 15 NUMCONFINEBARS3 2 NUMCONFINEBARS2 2
  CONCRETESECTION  "C_70X70_7/36_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-8-8"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 3.87099 CONFINEBARAREA 0.709676 CONFINEBARSPACING 15 NUMCONFINEBARS3 3 NUMCONFINEBARS2 3
  CONCRETESECTION  "C_60X60_6/28_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-8-8"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 2.838704 CONFINEBARAREA 0.709876 CONFINEBARSPACING 15 NUMCONFINEBARS3 4 NUMCONFINEBARS2 4
  CONCRETESECTION  "C_90X90_8/40_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-11-11"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.095764 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "ConcCol"  LONGBARMATERIAL "A615Gr60"  CONFINEBARMATERIAL "A615Gr60"  TYPE "Column"  PATTERN "R-5-5"  TRANSREINF "TIES"
DESIGNCHECK "DESIGN"  COVER 4 LONGBARAREA 0.32258 CONFINEBARAREA 0.32258 CONFINEBARSPACING 15 NUMCONFINEBARS3 3 NUMCONFINEBARS2 3
  CONCRETESECTION  "ConcBm"  LONGBARMATERIAL "A615Gr60"  CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 8 COVERBOTTOM 8 ATI 0 ABI 0
ATJ 0 ABJ 0
  CONCRETESECTION  "C_80X130_8/10-15_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-10-15"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "B_70X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "C_80X80_8/40_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-11-11"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.26 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "C_80X80_8/32_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-9-9"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4 NUMCONFINEBARS2 4
  CONCRETESECTION  "C_80X80_8/28_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-8-8"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4 NUMCONFINEBARS2 4
  CONCRETESECTION  "C_80X80_7/28_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-8-8"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 3.8 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4 NUMCONFINEBARS2 4
  CONCRETESECTION  "C_80X80_7/24_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-7-7"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 3.8 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4 NUMCONFINEBARS2 4
  CONCRETESECTION  "C_D60_8/24_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "C-24"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.05 CONFINEBARAREA 1.26 CONFINEBARSPACING 15
  CONCRETESECTION  "C_D60_8/16_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "C-16"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.26 CONFINEBARSPACING 15
  CONCRETESECTION  "C_D80_7/16_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "C-16"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 3.8 CONFINEBARAREA 1.26 CONFINEBARSPACING 15
  CONCRETESECTION  "C_80X80_8/24_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-7-7"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4 NUMCONFINEBARS2 4
  CONCRETESECTION  "C_80X80_8/20_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-6-6"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4 NUMCONFINEBARS2 4
  CONCRETESECTION  "C_80X130_8/9-14_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-9-14"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.26 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "C_80X130_8/8-12_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-8-12"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.26 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "C_80X130_8/7-11_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-7-11"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.26 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4

$ TENDON SECTIONS
  TENDONSECTION  "Tendon1"  MATERIAL "OC210"  STRANDAREA  0.9870848

$ PIER SECTIONS
  PIERSECTION  "1FY2"  BASEMATERIAL "OC280"
  PIERSECTION  "3FY2"  BASEMATERIAL "OC280"
  PIERSECTION  "3PY2"  BASEMATERIAL "OC280"
  PIERSECTION  "4PY2"  BASEMATERIAL "OC280"

$ SECTION DESIGNER SECTIONS
  SDSECTION "1FY2"  TYPE "PIER"  NUMSHAPES 5
  SDSECTION "1FY2"  SHAPE 1  MATERIAL "OC280"  REBARMATERIAL "FY2800"  SHAPETYPE "POLYGON"  NUMCORNERPTS 12
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 1  X 515  Y 80
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 2  X 515  Y 50.00002
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 3  X 80  Y 50.00003
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 4  X 80  Y 80
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 5  X 0  Y 80
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 6  X 0  Y 0
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 7  X 80  Y 0
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 8  X 80  Y 30.00003
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 9  X 515  Y 30.00002
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 10  X 515  Y 0
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 11  X 595  Y 0
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 12  X 595  Y 80
  SDSECTION "1FY2"  SHAPE 1  EDGE 1  EDGEBARSIZE "#3"  EDGEBARSPACING 440  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 2  EDGEBARSIZE "#3"  EDGEBARSPACING 440  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 3  EDGEBARSIZE "#3"  EDGEBARSPACING 440  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 4  EDGEBARSIZE "#3"  EDGEBARSPACING 440  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 5  EDGEBARSIZE "#3"  EDGEBARSPACING 440  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 6  EDGEBARSIZE "#3"  EDGEBARSPACING 440  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 7  EDGEBARSIZE "#3"  EDGEBARSPACING 440  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 8  EDGEBARSIZE "#3"  EDGEBARSPACING 440  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 9  EDGEBARSIZE "#3"  EDGEBARSPACING 440  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 10  EDGEBARSIZE "#3"  EDGEBARSPACING 440  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 11  EDGEBARSIZE "#3"  EDGEBARSPACING 440  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 12  EDGEBARSIZE "#3"  EDGEBARSPACING 440  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  CORNER 1
  SDSECTION "1FY2"  SHAPE 1  CORNER 2
  SDSECTION "1FY2"  SHAPE 1  CORNER 3
  SDSECTION "1FY2"  SHAPE 1  CORNER 4
  SDSECTION "1FY2"  SHAPE 1  CORNER 5
  SDSECTION "1FY2"  SHAPE 1  CORNER 6
  SDSECTION "1FY2"  SHAPE 1  CORNER 7
  SDSECTION "1FY2"  SHAPE 1  CORNER 8
  SDSECTION "1FY2"  SHAPE 1  CORNER 9
  SDSECTION "1FY2"  SHAPE 1  CORNER 10
  SDSECTION "1FY2"  SHAPE 1  CORNER 11
  SDSECTION "1FY2"  SHAPE 1  CORNER 12
  SDSECTION "1FY2"  SHAPE 1  TIEBARAREA 0
  SDSECTION "1FY2"  SHAPE 2  MATERIAL "FY4200"  SHAPETYPE "RECT REBAR"  D 67.46  B 67.46  XC 40  YC 40
  SDSECTION "1FY2"  SHAPE 2  EDGE 1  EDGEBARSIZE "#8"  EDGEBARNUMBER 8
  SDSECTION "1FY2"  SHAPE 2  EDGE 2  EDGEBARSIZE "#8"  EDGEBARNUMBER 8
  SDSECTION "1FY2"  SHAPE 2  EDGE 3  EDGEBARSIZE "#8"  EDGEBARNUMBER 8
  SDSECTION "1FY2"  SHAPE 2  EDGE 4  EDGEBARSIZE "#8"  EDGEBARNUMBER 8
  SDSECTION "1FY2"  SHAPE 2  CORNER 1  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 2  CORNER 2  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 2  CORNER 3  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 2  CORNER 4  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 2  TIEBARSIZE "#4"
  SDSECTION "1FY2"  SHAPE 3  MATERIAL "FY4200"  SHAPETYPE "RECT REBAR"  D 67.46  B 67.46  XC 555  YC 40
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  $DSECTION '1FY2'  SHAPE 3  EDGE 1  EDGEBARSIZE "#6"    EDGEBARNUMBER 8
  $DSECTION '1FY2'  SHAPE 3  EDGE 2  EDGEBARSIZE "#6"    EDGEBARNUMBER 8
  $DSECTION '1FY2'  SHAPE 3  EDGE 3  EDGEBARSIZE "#6"    EDGEBARNUMBER 8
  $DSECTION '1FY2'  SHAPE 3  EDGE 4  EDGEBARSIZE "#6"    EDGEBARNUMBER 8
  $DSECTION '1FY2'  SHAPE 3  CORNER 1  CORNERBARSIZE "#8"
  $DSECTION '1FY2'  SHAPE 3  CORNER 2  CORNERBARSIZE "#8"
  $DSECTION '1FY2'  SHAPE 3  CORNER 3  CORNERBARSIZE "#8"
  $DSECTION '1FY2'  SHAPE 3  CORNER 4  CORNERBARSIZE "#8"
  $DSECTION '1FY2'  SHAPE 3  TIEBARSIZE "#4"
  $DSECTION '1FY2'  SHAPE 4  MATERIAL "FY2800"  SHAPETYPE "LINE REBAR"    BARSIZE "#4"    SPACING 10  ENDBAR "NO"  X1 80  Y1 47  X2 515
Y2 47
  $DSECTION '1FY2'  SHAPE 5  MATERIAL "FY2800"  SHAPETYPE "LINE REBAR"    BARSIZE "#4"    SPACING 10  ENDBAR "NO"  X1 80  Y1 33  X2 515
Y2 33
  $DSECTION '2FY2'  TYPE "PIER"  NUMSHAPES 5
  $DSECTION '2FY2'  SHAPE 1  MATERIAL "OC280"  REBARMATERIAL "FY2800"  SHAPETYPE "POLYGON"  NUMCORNERPTS 12
  $DSECTION '2FY2'  SHAPE 1  POLYCORNER 1  X 515  Y 80
  $DSECTION '2FY2'  SHAPE 1  POLYCORNER 2  X 515  Y 50.00002
  $DSECTION '2FY2'  SHAPE 1  POLYCORNER 3  X 80  Y 50.00003
  $DSECTION '2FY2'  SHAPE 1  POLYCORNER 4  X 80  Y 80
  $DSECTION '2FY2'  SHAPE 1  POLYCORNER 5  X 0  Y 80
  $DSECTION '2FY2'  SHAPE 1  POLYCORNER 6  X 0  Y 0
  $DSECTION '2FY2'  SHAPE 1  POLYCORNER 7  X 80  Y 0
  $DSECTION '2FY2'  SHAPE 1  POLYCORNER 8  X 80  Y 30.00003
  $DSECTION '2FY2'  SHAPE 1  POLYCORNER 9  X 515  Y 30.00002
  $DSECTION '2FY2'  SHAPE 1  POLYCORNER 10  X 515  Y 0
  $DSECTION '2FY2'  SHAPE 1  POLYCORNER 11  X 595  Y 0
  $DSECTION '2FY2'  SHAPE 1  POLYCORNER 12  X 595  Y 80
  $DSECTION '2FY2'  SHAPE 1  EDGE 1  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '2FY2'  SHAPE 1  EDGE 2  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '2FY2'  SHAPE 1  EDGE 3  EDGEBARSIZE "#5"    EDGEBARSPACING 400  EDGEBARCOVER 2.5
  $DSECTION '2FY2'  SHAPE 1  EDGE 4  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '2FY2'  SHAPE 1  EDGE 5  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '2FY2'  SHAPE 1  EDGE 6  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '2FY2'  SHAPE 1  EDGE 7  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '2FY2'  SHAPE 1  EDGE 8  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '2FY2'  SHAPE 1  EDGE 9  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '2FY2'  SHAPE 1  EDGE 10  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '2FY2'  SHAPE 1  EDGE 11  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '2FY2'  SHAPE 1  EDGE 12  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '2FY2'  SHAPE 1  CORNER 1
  $DSECTION '2FY2'  SHAPE 1  CORNER 2
  $DSECTION '2FY2'  SHAPE 1  CORNER 3
  $DSECTION '2FY2'  SHAPE 1  CORNER 4
  $DSECTION '2FY2'  SHAPE 1  CORNER 5
  $DSECTION '2FY2'  SHAPE 1  CORNER 6
  $DSECTION '2FY2'  SHAPE 1  CORNER 7
  $DSECTION '2FY2'  SHAPE 1  CORNER 8
  $DSECTION '2FY2'  SHAPE 1  CORNER 9
  $DSECTION '2FY2'  SHAPE 1  CORNER 10
  $DSECTION '2FY2'  SHAPE 1  CORNER 11
  $DSECTION '2FY2'  SHAPE 1  CORNER 12
  $DSECTION '2FY2'  SHAPE 1  TIEBARAREA 0
  $DSECTION '2FY2'  SHAPE 2  MATERIAL "FY4200"  SHAPETYPE "RECT REBAR"    D 67.46  B 67.46  XC 40  YC 40
  $DSECTION '2FY2'  SHAPE 2  EDGE 1  EDGEBARSIZE "#8"    EDGEBARNUMBER 7
  $DSECTION '2FY2'  SHAPE 2  EDGE 2  EDGEBARSIZE "#8"    EDGEBARNUMBER 7
  $DSECTION '2FY2'  SHAPE 2  EDGE 3  EDGEBARSIZE "#8"    EDGEBARNUMBER 7
  $DSECTION '2FY2'  SHAPE 2  EDGE 4  EDGEBARSIZE "#8"    EDGEBARNUMBER 7
  $DSECTION '2FY2'  SHAPE 2  CORNER 1  CORNERBARSIZE "#8"
  $DSECTION '2FY2'  SHAPE 2  CORNER 2  CORNERBARSIZE "#8"
  $DSECTION '2FY2'  SHAPE 2  CORNER 3  CORNERBARSIZE "#8"
  $DSECTION '2FY2'  SHAPE 2  CORNER 4  CORNERBARSIZE "#8"
  $DSECTION '2FY2'  SHAPE 2  TIEBARSIZE "#4"
  $DSECTION '2FY2'  SHAPE 3  MATERIAL "FY4200"  SHAPETYPE "RECT REBAR"    D 67.46  B 67.46  XC 555  YC 40
  $DSECTION '2FY2'  SHAPE 3  EDGE 1  EDGEBARSIZE "#8"    EDGEBARNUMBER 7
  $DSECTION '2FY2'  SHAPE 3  EDGE 2  EDGEBARSIZE "#8"    EDGEBARNUMBER 7
  $DSECTION '2FY2'  SHAPE 3  EDGE 3  EDGEBARSIZE "#8"    EDGEBARNUMBER 7
  $DSECTION '2FY2'  SHAPE 3  EDGE 4  EDGEBARSIZE "#8"    EDGEBARNUMBER 7
  $DSECTION '2FY2'  SHAPE 3  CORNER 1  CORNERBARSIZE "#8"
  $DSECTION '2FY2'  SHAPE 3  CORNER 2  CORNERBARSIZE "#8"
  $DSECTION '2FY2'  SHAPE 3  CORNER 3  CORNERBARSIZE "#8"
  $DSECTION '2FY2'  SHAPE 3  CORNER 4  CORNERBARSIZE "#8"
  $DSECTION '2FY2'  SHAPE 3  TIEBARSIZE "#4"
  $DSECTION '2FY2'  SHAPE 4  MATERIAL "FY2800"  SHAPETYPE "LINE REBAR"    BARSIZE "#4"    SPACING 10  ENDBAR "NO"  X1 80  Y1 47  X2 515
Y2 47
  $DSECTION '2FY2'  SHAPE 5  MATERIAL "A615Gr60"  SHAPETYPE "LINE REBAR"    BARSIZE "#4"    SPACING 10  ENDBAR "NO"  X1 80  Y1 33  X2 515
Y2 33
  $DSECTION '3FY2'  TYPE "PIER"  NUMSHAPES 5
  $DSECTION '3FY2'  SHAPE 1  MATERIAL "OC280"  REBARMATERIAL "FY2800"  SHAPETYPE "POLYGON"  NUMCORNERPTS 12
  $DSECTION '3FY2'  SHAPE 1  POLYCORNER 1  X 515  Y 80
  $DSECTION '3FY2'  SHAPE 1  POLYCORNER 2  X 515  Y 50.00002
  $DSECTION '3FY2'  SHAPE 1  POLYCORNER 3  X 80  Y 50.00003
  $DSECTION '3FY2'  SHAPE 1  POLYCORNER 4  X 80  Y 80
  $DSECTION '3FY2'  SHAPE 1  POLYCORNER 5  X 0  Y 80
  $DSECTION '3FY2'  SHAPE 1  POLYCORNER 6  X 0  Y 0
  $DSECTION '3FY2'  SHAPE 1  POLYCORNER 7  X 80  Y 0
  $DSECTION '3FY2'  SHAPE 1  POLYCORNER 8  X 80  Y 30.00003
  $DSECTION '3FY2'  SHAPE 1  POLYCORNER 9  X 515  Y 30.00002
  $DSECTION '3FY2'  SHAPE 1  POLYCORNER 10  X 515  Y 0
  $DSECTION '3FY2'  SHAPE 1  POLYCORNER 11  X 595  Y 0
  $DSECTION '3FY2'  SHAPE 1  POLYCORNER 12  X 595  Y 80
  $DSECTION '3FY2'  SHAPE 1  EDGE 1  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '3FY2'  SHAPE 1  EDGE 2  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '3FY2'  SHAPE 1  EDGE 3  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '3FY2'  SHAPE 1  EDGE 4  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '3FY2'  SHAPE 1  EDGE 5  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '3FY2'  SHAPE 1  EDGE 6  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '3FY2'  SHAPE 1  EDGE 7  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '3FY2'  SHAPE 1  EDGE 8  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '3FY2'  SHAPE 1  EDGE 9  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '3FY2'  SHAPE 1  EDGE 10  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '3FY2'  SHAPE 1  EDGE 11  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '3FY2'  SHAPE 1  EDGE 12  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '3FV2'  SHAPE 1  CORNER 1
  $DSECTION '3FY2'  SHAPE 1  CORNER 2
  $DSECTION '3FY2'  SHAPE 1  CORNER 3
  $DSECTION '3FY2'  SHAPE 1  CORNER 4
  $DSECTION '3FY2'  SHAPE 1  CORNER 5
  $DSECTION '3FY2'  SHAPE 1  CORNER 6
  $DSECTION '3FY2'  SHAPE 1  CORNER 7
  $DSECTION '3FY2'  SHAPE 1  CORNER 8
  $DSECTION '3FY2'  SHAPE 1  CORNER 9
  $DSECTION '3FY2'  SHAPE 1  CORNER 10
  $DSECTION '3FY2'  SHAPE 1  CORNER 11
  $DSECTION '3FY2'  SHAPE 1  CORNER 12
  $DSECTION '3FY2'  SHAPE 1  TIEBARAREA 0
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  $DSECTION '3FY2'  SHAPE 2  MATERIAL "FY4200"  SHAPETYPE "RECT REBAR"    D 67.46  B 67.46  XC 40  YC 40
  $DSECTION '3FY2'  SHAPE 2  EDGE 1  EDGEBARSIZE "#8"    EDGEBARNUMBER 6
  $DSECTION '3FY2'  SHAPE 2  EDGE 2  EDGEBARSIZE "#8"    EDGEBARNUMBER 6
  $DSECTION '3FY2'  SHAPE 2  EDGE 3  EDGEBARSIZE "#8"    EDGEBARNUMBER 6
  $DSECTION '3FY2'  SHAPE 2  EDGE 4  EDGEBARSIZE "#8"    EDGEBARNUMBER 6
  $DSECTION '3FY2'  SHAPE 2  CORNER 1  CORNERBARSIZE "#8"
  $DSECTION '3FY2'  SHAPE 2  CORNER 2  CORNERBARSIZE "#8"
  $DSECTION '3FY2'  SHAPE 2  CORNER 3  CORNERBARSIZE "#8"
  $DSECTION '3FY2'  SHAPE 2  CORNER 4  CORNERBARSIZE "#8"
  $DSECTION '3FY2'  SHAPE 2  TIEBARSIZE "#4"
  $DSECTION '3FY2'  SHAPE 3  MATERIAL "FY4200"  SHAPETYPE "RECT REBAR"    D 67.46  B 67.46  XC 595  YC 40
  $DSECTION '3FY2'  SHAPE 3  EDGE 1  EDGEBARSIZE "#8"    EDGEBARNUMBER 6
  $DSECTION '3FY2'  SHAPE 3  EDGE 2  EDGEBARSIZE "#8"    EDGEBARNUMBER 6
  $DSECTION '3FY2'  SHAPE 3  EDGE 3  EDGEBARSIZE "#8"    EDGEBARNUMBER 6
  $DSECTION '3FY2'  SHAPE 3  EDGE 4  EDGEBARSIZE "#8"    EDGEBARNUMBER 6
  $DSECTION '3FY2'  SHAPE 3  CORNER 1  CORNERBARSIZE "#8"
  $DSECTION '3FY2'  SHAPE 3  CORNER 2  CORNERBARSIZE "#8"
  $DSECTION '3FY2'  SHAPE 3  CORNER 3  CORNERBARSIZE "#8"
  $DSECTION '3FY2'  SHAPE 3  CORNER 4  CORNERBARSIZE "#8"
  $DSECTION '3FY2'  SHAPE 3  TIEBARSIZE "#4"
  $DSECTION '3FY2'  SHAPE 4  MATERIAL "FY2800"  SHAPETYPE "LINE REBAR"    BARSIZE "#4"    SPACING 15  ENDBAR "NO"  X1 80  Y1 47  X2 515
Y2 47
  $DSECTION '3FY2'  SHAPE 5  MATERIAL "A615Gr60"  SHAPETYPE "LINE REBAR"    BARSIZE "#4"    SPACING 15  ENDBAR "NO"  X1 80  Y1 33  X2 515
Y2 33
  $DSECTION '4FY2'  TYPE "PIER"  NUMSHAPES 5
  $DSECTION '4FY2'  SHAPE 1  MATERIAL "OC280"  REBARMATERIAL "FY2800"  SHAPETYPE "POLYGON"  NUMCORNERPTS 12
  $DSECTION '4FY2'  SHAPE 1  POLYCORNER 1  X 515  Y 80
  $DSECTION '4FY2'  SHAPE 1  POLYCORNER 2  X 515  Y 50.00002
  $DSECTION '4FY2'  SHAPE 1  POLYCORNER 3  X 80  Y 50.00003
  $DSECTION '4FY2'  SHAPE 1  POLYCORNER 4  X 80  Y 80
  $DSECTION '4FY2'  SHAPE 1  POLYCORNER 5  X 0  Y 80
  $DSECTION '4FY2'  SHAPE 1  POLYCORNER 6  X 0  Y 0
  $DSECTION '4FY2'  SHAPE 1  POLYCORNER 7  X 80  Y 0
  $DSECTION '4FY2'  SHAPE 1  POLYCORNER 8  X 80  Y 30.00003
  $DSECTION '4FY2'  SHAPE 1  POLYCORNER 9  X 515  Y 30.00002
  $DSECTION '4FY2'  SHAPE 1  POLYCORNER 10  X 515  Y 0
  $DSECTION '4FY2'  SHAPE 1  POLYCORNER 11  X 595  Y 0
  $DSECTION '4FY2'  SHAPE 1  POLYCORNER 12  X 595  Y 80
  $DSECTION '4FY2'  SHAPE 1  EDGE 1  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '4FY2'  SHAPE 1  EDGE 2  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '4FY2'  SHAPE 1  EDGE 3  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '4FY2'  SHAPE 1  EDGE 4  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '4FY2'  SHAPE 1  EDGE 5  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '4FY2'  SHAPE 1  EDGE 6  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '4FY2'  SHAPE 1  EDGE 7  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '4FY2'  SHAPE 1  EDGE 8  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '4FY2'  SHAPE 1  EDGE 9  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '4FY2'  SHAPE 1  EDGE 10  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '4FY2'  SHAPE 1  EDGE 11  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '4FY2'  SHAPE 1  EDGE 12  EDGEBARSIZE "#5"    EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  $DSECTION '4FY2'  SHAPE 1  CORNER 1
  $DSECTION '4FY2'  SHAPE 1  CORNER 2
  $DSECTION '4FY2'  SHAPE 1  CORNER 3
  $DSECTION '4FY2'  SHAPE 1  CORNER 4
  $DSECTION '4FY2'  SHAPE 1  CORNER 5
  $DSECTION '4FY2'  SHAPE 1  CORNER 6
  $DSECTION '4FY2'  SHAPE 1  CORNER 7
  $DSECTION '4FY2'  SHAPE 1  CORNER 8
  $DSECTION '4FY2'  SHAPE 1  CORNER 9
  $DSECTION '4FY2'  SHAPE 1  CORNER 10
  $DSECTION '4FY2'  SHAPE 1  CORNER 11
  $DSECTION '4FY2'  SHAPE 1  CORNER 12
  $DSECTION '4FY2'  SHAPE 1  TIEBARAREA 0
  $DSECTION '4FY2'  SHAPE 2  MATERIAL "FY4200"  SHAPETYPE "RECT REBAR"    D 67.46  B 67.46  XC 40  YC 40
  $DSECTION '4FY2'  SHAPE 2  EDGE 1  EDGEBARSIZE "#8"    EDGEBARNUMBER 5
  $DSECTION '4FY2'  SHAPE 2  EDGE 2  EDGEBARSIZE "#8"    EDGEBARNUMBER 5
  $DSECTION '4FY2'  SHAPE 2  EDGE 3  EDGEBARSIZE "#8"    EDGEBARNUMBER 5
  $DSECTION '4FY2'  SHAPE 2  EDGE 4  EDGEBARSIZE "#8"    EDGEBARNUMBER 5
  $DSECTION '4FY2'  SHAPE 2  CORNER 1  CORNERBARSIZE "#8"
  $DSECTION '4FY2'  SHAPE 2  CORNER 2  CORNERBARSIZE "#8"
  $DSECTION '4FY2'  SHAPE 2  CORNER 3  CORNERBARSIZE "#8"
  $DSECTION '4FY2'  SHAPE 2  CORNER 4  CORNERBARSIZE "#8"
  $DSECTION '4FY2'  SHAPE 2  TIEBARSIZE "#4"
  $DSECTION '4FY2'  SHAPE 3  MATERIAL "FY4200"  SHAPETYPE "RECT REBAR"    D 67.46  B 67.46  XC 555  YC 40
  $DSECTION '4FY2'  SHAPE 3  EDGE 1  EDGEBARSIZE "#8"    EDGEBARNUMBER 5
  $DSECTION '4FY2'  SHAPE 3  EDGE 2  EDGEBARSIZE "#8"    EDGEBARNUMBER 5
  $DSECTION '4FY2'  SHAPE 3  EDGE 3  EDGEBARSIZE "#8"    EDGEBARNUMBER 5
  $DSECTION '4FY2'  SHAPE 3  EDGE 4  EDGEBARSIZE "#8"    EDGEBARNUMBER 5
  $DSECTION '4FY2'  SHAPE 3  CORNER 1  CORNERBARSIZE "#8"
  $DSECTION '4FY2'  SHAPE 3  CORNER 2  CORNERBARSIZE "#8"
  $DSECTION '4FY2'  SHAPE 3  CORNER 3  CORNERBARSIZE "#8"
  $DSECTION '4FY2'  SHAPE 3  CORNER 4  CORNERBARSIZE "#8"
  $DSECTION '4FY2'  SHAPE 3  TIEBARSIZE "#4"
  $DSECTION '4FY2'  SHAPE 4  MATERIAL "A615Gr60"  SHAPETYPE "LINE REBAR"    BARSIZE "#4"    SPACING 15  ENDBAR "NO"  X1 80  Y1 47  X2 515
Y2 47
  $DSECTION '4FY2'  SHAPE 5  MATERIAL "A615Gr60"  SHAPETYPE "LINE REBAR"    BARSIZE "#4"    SPACING 15  ENDBAR "NO"  X1 80  Y1 33  X2 515
Y2 33

$ SLAB PROPERTIES
  SHELLPROP  "OS15"  PROPTYPE  "Slab"  MATERIAL "OC210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 15 NOTIONALUSERVALUE 10
  SHELLPROP  "OS18"  PROPTYPE  "Slab"  MATERIAL "OC210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 18 NOTIONALUSERVALUE 10
  SHELLPROP  "OS20"  PROPTYPE  "Slab"  MATERIAL "OC210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 20 NOTIONALUSERVALUE 10
  SHELLPROP  "OS25"  PROPTYPE  "Slab"  MATERIAL "OC210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 25 NOTIONALUSERVALUE 10
  SHELLPROP  "OS12"  PROPTYPE  "Slab"  MATERIAL "OC210"  MODELINGTYPE "Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS
11.2 NOTIONALUSERVALUE 10
  SHELLPROP  "SS"  PROPTYPE  "Slab"  MATERIAL "OC210"  MODELINGTYPE "Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 2
NOTIONALUSERVALUE 10
  SHELLPROP  "OS15S"  PROPTYPE  "Slab"  MATERIAL "OC210"  MODELINGTYPE "Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 15
NOTIONALUSERVALUE 10
  SHELLPROP  "OS30"  PROPTYPE  "Slab"  MATERIAL "OC210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 30 NOTIONALUSERVALUE 10
  SHELLPROP  "OS55MAT"  PROPTYPE  "Slab"  MATERIAL "OC210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 55 NOTIONALUSERVALUE
10
  SHELLPROP  "OS55MATS"  PROPTYPE  "Slab"  MATERIAL "OC210"  MODELINGTYPE "ShellThin"  SLABTYPE "Slab"  SLABTHICKNESS 55 NOTIONALUSERVALUE
10

$ DECK PROPERTIES
  SHELLPROP  "OD150S3WT120"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL "OC210"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 7.5
DECKRIBDEPTH 7.5 DECKRIBWIDTHTOP 18.4 DECKRIBWIDTHBOTTOM 18.4 DECKRIBSPACING 30.5 DECKSHEARTHICKNESS 0.0889 DECKUNITWEIGHT 0.000036
SHEARSTUDDIAM 1.0 SHEARSTUDHEIGHT 7.6 SHEARSTUDFU 60
  SHELLPROP  "OD300S3WT120"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL "OC210"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 12.5
DECKRIBDEPTH 7.5 DECKRIBWIDTHTOP 18.4 DECKRIBWIDTHBOTTOM 18.4 DECKRIBSPACING 30.5 DECKSHEARTHICKNESS 0.0889 DECKUNITWEIGHT 0.000036
SHEARSTUDDIAM 1.0 SHEARSTUDHEIGHT 7.6 SHEARSTUDFU 60
  SHELLPROP  "OD225S3WT120"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL "OC210"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 15
DECKRIBDEPTH 7.5 DECKRIBWIDTHTOP 18.4 DECKRIBWIDTHBOTTOM 18.4 DECKRIBSPACING 30.5 DECKSHEARTHICKNESS 0.0889 DECKUNITWEIGHT 0.000036
SHEARSTUDDIAM 1.0 SHEARSTUDHEIGHT 7.6 SHEARSTUDFU 60
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$ WALL PROPERTIES
  SHELLPROP  "QW20"  PROPTYPE  "Wall"  MATERIAL "QC280"  MODELINGTYPE "ShellThin"  WALLTHICKNESS 20 NOTIONALUSERVALUE 10
  SHELLPROP  "QW25"  PROPTYPE  "Wall"  MATERIAL "QC250"  MODELINGTYPE "ShellThin"  WALLTHICKNESS 25 NOTIONALUSERVALUE 10
  SHELLPROP  "QW30"  PROPTYPE  "Wall"  MATERIAL "QC245"  MODELINGTYPE "ShellThin"  WALLTHICKNESS 30 NOTIONALUSERVALUE 10
  SHELLPROP  "QW50"  PROPTYPE  "Wall"  MATERIAL "QC245"  MODELINGTYPE "ShellThin"  WALLTHICKNESS 50 NOTIONALUSERVALUE 10

$ LINK PROPERTIES
  LINKPROP  "NLPR1"  TYPE "DAMPER - EXPONENTIAL"
  LINKPROP  "NLPR1"  DOF "U1"

$ PANEL ZONE PROPERTIES
  PANELZONE  "PZone1"  PZENDOFFSETSRIGID  "No"  PZACTIVEDIRECTIONS  "Both"  PZTYPE  "From Column"
  PANELZONE  "PZone1"  PZDOUBLER  0

$ POINT SPRING PROPERTIES
  POINTSPRING  "P9999"  STIFFNESSOPTION  "USERDEFINED"  UX  99999 UY  99999 UZ  0

$ AREA SPRING PROPERTIES
  AREASPRING  "F1000"  US  1

$ PIER/SPANDREL NAMES
  PIERNAME  "YP1"
  PIERNAME  "YP2"
  PIERNAME  "YP3"
  PIERNAME  "YP4"
  PIERNAME  "YP5"
  PIERNAME  "YP6"
  SPANDRELNAME  "S1"

$ POINT COORDINATES
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  POINT "2"  -1780.678 1028.1
  POINT "3"  -1044.557 603.1
  POINT "4"  -308.4352 178.1
  POINT "5"  774 0
  POINT "12"  -2259.3 1899.103
  POINT "13"  -1523.178 1474.103
  POINT "14"  -787.0568 1049.103
  POINT "15"  -50.93522 624.1031
  POINT "16"  774 525
  POINT "23"  -1959.3 2416.718
  POINT "24"  -1223.178 1991.718
  POINT "25"  -487.0568 1566.718
  POINT "26"  249.0648 1143.718
  POINT "27"  774 1140
  POINT "41"  0 0
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  POINT "45"  -1651.928 1251.192
  POINT "46"  -915.8068 826.1015
  POINT "47"  -179.6852 401.1015
  POINT "48"  774 262.5
  POINT "55"  -2109.3 2158.911
  POINT "56"  -1373.178 1733.911
  POINT "57"  -637.0568 1308.911
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  POINT "66"  1198 0
  POINT "67"  1198 525
  POINT "71"  -195.8559 813.0932
  POINT "74"  391 0
  POINT "78"  774 780
  POINT "124"  -1909.3 2505.321
  POINT "129"  276.1281 1243.529
  POINT "135"  874 1249.003
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  POINT "143"  -308.4352 30.87568
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  POINT "147"  -2619.335 1685.504
  POINT "148"  -2439.835 2001.803
  POINT "149"  -2371.87 1676.1
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  POINT "152"  -2464.37 2363.911
  POINT "104"  123.6969 1493.231
  POINT "108"  -497.0589 1855.321
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  POINT "126"  -2264.37 2710.321
  POINT "127"  -2955.87 1510.876
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  POINT "116"  673.782 525
  POINT "187"  534 525
  POINT "188"  534 0
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  POINT "184"  -612.4307 1018.231
  POINT "195"  -1879.3 2557.282
  POINT "198"  -2082.808 2490.023
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  POINT "197"  1200 525
  POINT "198"  1509 525
  POINT "200"  1724 0
  POINT "201"  2574 0
  POINT "202"  3424 0
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  POINT "204"  5124 0
  POINT "205"  5974 0
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  POINT "230"  6184 0
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  POINT "20"  5622.257 856.454
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LINE  "B338"  BEAM  "229"  "295"  0
LINE  "B339"  BEAM  "296"  "265"  0
LINE  "B340"  BEAM  "297"  "295"  0
LINE  "B341"  BEAM  "295"  "298"  0
LINE  "B11"  BEAM  "20"  "288"  0
LINE  "B28"  BEAM  "250"  "21"  0
LINE  "B29"  BEAM  "268"  "21"  0
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$ AREA CONNECTIVITIES
  AREA "W1"  PANEL  4  "147"  "148"  "148"  "147"  1  1  0  0
  AREA "W2"  PANEL  4  "1"  "2"  "2"  "1"  1  1  0  0
  AREA "W3"  PANEL  4  "2"  "3"  "3"  "3"  1  1  0  0
  AREA "W4"  PANEL  4  "3"  "4"  "4"  "3"  1  1  0  0
  AREA "W5"  PANEL  4  "4"  "41"  "41"  "4"  1  1  0  0
  AREA "W6"  PANEL  4  "41"  "5"  "5"  "41"  1  1  0  0
  AREA "W18"  PANEL  4  "1"  "12"  "12"  "1"  1  1  0  0
  AREA "W17"  PANEL  4  "12"  "23"  "23"  "12"  1  1  0  0
  AREA "W18"  PANEL  4  "23"  "24"  "24"  "23"  1  1  0  0
  AREA "W19"  PANEL  4  "24"  "25"  "25"  "24"  1  1  0  0
  AREA "W28"  PANEL  4  "4"  "15"  "15"  "4"  1  1  0  0
  AREA "W33"  PANEL  4  "25"  "26"  "26"  "25"  1  1  0  0
  AREA "W34"  PANEL  4  "26"  "27"  "27"  "26"  1  1  0  0
  AREA "W41"  PANEL  4  "5"  "200"  "200"  "5"  1  1  0  0
  AREA "W42"  PANEL  4  "200"  "201"  "201"  "200"  1  1  0  0
  AREA "W43"  PANEL  4  "201"  "202"  "202"  "201"  1  1  0  0
  AREA "W44"  PANEL  4  "202"  "203"  "203"  "202"  1  1  0  0
  AREA "W45"  PANEL  4  "203"  "204"  "204"  "203"  1  1  0  0
  AREA "W46"  PANEL  4  "204"  "205"  "205"  "204"  1  1  0  0
  AREA "W47"  PANEL  4  "205"  "211"  "211"  "205"  1  1  0  0
  AREA "W48"  PANEL  4  "211"  "217"  "217"  "211"  1  1  0  0
  AREA "W49"  PANEL  4  "200"  "206"  "206"  "200"  1  1  0  0
  AREA "W50"  PANEL  4  "202"  "208"  "208"  "202"  1  1  0  0
  AREA "W51"  PANEL  4  "264"  "210"  "210"  "264"  1  1  0  0
  AREA "W52"  PANEL  4  "204"  "210"  "210"  "204"  1  1  0  0
  AREA "W53"  PANEL  4  "27"  "212"  "212"  "27"  1  1  0  0
  AREA "W54"  PANEL  4  "212"  "213"  "213"  "212"  1  1  0  0
  AREA "W55"  PANEL  4  "213"  "214"  "214"  "213"  1  1  0  0
  AREA "W56"  PANEL  4  "214"  "215"  "215"  "214"  1  1  0  0
  AREA "W57"  PANEL  4  "215"  "216"  "216"  "215"  1  1  0  0
  AREA "W58"  PANEL  4  "216"  "217"  "217"  "216"  1  1  0  0
  AREA "F2"  FLOOR  5  "4"  "41"  "5"  "16"  "15"  0  0  0  0  0
  AREA "F42"  FLOOR  4  "27"  "26"  "15"  "16"  0  0  0  0
  AREA "F45"  FLOOR  4  "27"  "78"  "138"  "135"  0  0  0  0
  AREA "F47"  FLOOR  4  "4"  "26"  "23"  "1"  0  0  0  0
  AREA "F53"  FLOOR  4  "26"  "27"  "135"  "125"  0  0  0  0
  AREA "F37"  FLOOR  4  "149"  "127"  "143"  "4"  0  0  0  0
  AREA "F38"  FLOOR  4  "149"  "1"  "23"  "125"  0  0  0  0
  AREA "F24"  FLOOR  4  "58"  "25"  "23"  "55"  0  0  0  0
  AREA "F29"  FLOOR  4  "55"  "1"  "4"  "58"  0  0  0  0
  AREA "F32"  FLOOR  4  "55"  "58"  "26"  "23"  0  0  0  0
  AREA "F19"  FLOOR  4  "108"  "25"  "26"  "126"  0  0  0  0
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AREA "F68"  FLOOR  5  '25'  '26'  '179'  '104'  '108'  0  0  0  0  0
AREA "F12"  FLOOR  5  '168'  '15'  '4'  '41'  '6'  0  0  0  0  0
AREA "F14"  FLOOR  3  '169'  '168'  '18'  0  0  0
AREA "F16"  FLOOR  5  '27'  '26'  '15'  '169'  '16'  0  0  0  0  0
AREA "F11"  FLOOR  4  '26'  '110'  '180'  '179'  0  0  0  0
AREA "F18"  FLOOR  4  '116'  '28'  '15'  '169'  0  0  0  0
AREA "F15"  FLOOR  4  '110'  '116'  '16'  '78'  0  0  0  0
AREA "F25"  FLOOR  4  '23'  '124'  '128'  '125'  0  0  0  0
AREA "F28"  FLOOR  4  '90'  '24'  '25'  '108'  0  0  0  0
AREA "F43"  FLOOR  3  '198'  '28'  '198'  0  0  0
AREA "F75"  FLOOR  5  '124'  '23'  '24'  '90'  '73'  0  0  0  0  0
AREA "F84"  FLOOR  4  '24'  '90'  '196'  '23'  0  0  0  0
AREA "F88"  FLOOR  4  '55'  '152'  '149'  '1'  0  0  0  0
AREA "F88"  FLOOR  5  '90'  '24'  '25'  '108'  '184'  0  0  0  0  0
AREA "F89"  FLOOR  4  '152'  '55'  '23'  '198'  0  0  0  0
AREA "F98"  FLOOR  4  '233'  '234'  '204'  '200'  0  0  0  0
AREA "F100"  FLOOR  4  '246'  '78'  '16'  '245'  0  0  0  0
AREA "F101"  FLOOR  4  '233'  '237'  '205'  '200'  0  0  0  0
AREA "F103"  FLOOR  4  '245'  '205'  '212'  '244'  0  0  0  0
AREA "F104"  FLOOR  4  '233'  '255'  '230'  '200'  0  0  0  0
AREA "F105"  FLOOR  4  '219'  '253'  '249'  '216'  0  0  0  0
AREA "F106"  FLOOR  4  '253'  '250'  '252'  '254'  0  0  0  0
AREA "F107"  FLOOR  4  '205'  '230'  '250'  '211'  0  0  0  0
AREA "F108"  FLOOR  4  '233'  '253'  '258'  '200'  0  0  0  0
AREA "F109"  FLOOR  4  '214'  '248'  '247'  '244'  0  0  0  0
AREA "F111"  FLOOR  4  '204'  '258'  '259'  '210'  0  0  0  0
AREA "F112"  FLOOR  4  '281'  '280'  '211'  '259'  0  0  0  0
AREA "F114"  FLOOR  4  '200'  '206'  '187'  '188'  0  0  0  0
AREA "F115"  FLOOR  4  '224'  '230'  '204'  '226'  0  0  0  0
AREA "F116"  FLOOR  4  '216'  '210'  '270'  '269'  0  0  0  0
AREA "F117"  FLOOR  4  '228'  '215'  '212'  '224'  0  0  0  0
AREA "F118"  FLOOR  4  '228'  '224'  '206'  '210'  0  0  0  0
AREA "F120"  FLOOR  4  '204'  '210'  '206'  '200'  0  0  0  0
AREA "F121"  FLOOR  4  '210'  '204'  '205'  '211'  0  0  0  0
AREA "F122"  FLOOR  4  '216'  '210'  '289'  '238'  0  0  0  0
AREA "F123"  FLOOR  4  '224'  '228'  '216'  '212'  0  0  0  0
AREA "F124"  FLOOR  4  '224'  '236'  '210'  '226'  0  0  0  0
AREA "F125"  FLOOR  4  '206'  '200'  '204'  '216'  0  0  0  0
AREA "F126"  FLOOR  4  '216'  '210'  '211'  '217'  0  0  0  0
AREA "F128"  FLOOR  4  '214'  '248'  '229'  '212'  0  0  0  0
AREA "F129"  FLOOR  4  '248'  '214'  '215'  '265'  0  0  0  0
AREA "F130"  FLOOR  4  '256'  '215'  '269'  '236'  0  0  0  0
AREA "F133"  FLOOR  4  '216'  '287'  '246'  '214'  0  0  0  0
AREA "F134"  FLOOR  4  '287'  '216'  '217'  '271'  0  0  0  0
AREA "F135"  FLOOR  4  '271'  '217'  '238'  '240'  0  0  0  0
AREA "F136"  FLOOR  4  '215'  '286'  '248'  '214'  0  0  0  0
AREA "F137"  FLOOR  4  '286'  '215'  '216'  '287'  0  0  0  0
AREA "F138"  FLOOR  4  '287'  '216'  '249'  '256'  0  0  0  0
AREA "F139"  FLOOR  4  '213'  '265'  '229'  '212'  0  0  0  0
AREA "F140"  FLOOR  4  '265'  '213'  '214'  '248'  0  0  0  0
AREA "F141"  FLOOR  4  '27'  '5'  '204'  '216'  0  0  0  0
AREA "F142"  FLOOR  4  '217'  '216'  '204'  '205'  0  0  0  0
AREA "F143"  FLOOR  4  '212'  '27'  '5'  '200'  0  0  0  0
AREA "F144"  FLOOR  4  '216'  '212'  '224'  '228'  0  0  0  0
AREA "F145"  FLOOR  4  '24'  '25'  '108'  '90'  0  0  0  0
AREA "F147"  FLOOR  4  '286'  '288'  '16'  '5'  0  0  0  0
AREA "F148"  FLOOR  4  '283'  '286'  '200'  '206'  0  0  0  0
AREA "F151"  FLOOR  4  '288'  '280'  '78'  '18'  0  0  0  0
AREA "F157"  FLOOR  4  '212'  '229'  '247'  '244'  0  0  0  0
AREA "F159"  FLOOR  5  '205'  '285'  '296'  '225'  '212'  0  0  0  0  0
AREA "F169"  FLOOR  4  '288'  '285'  '213'  '265'  0  0  0  0
AREA "F161"  FLOOR  3  '229'  '281'  '224'  0  0  0
AREA "F162"  FLOOR  4  '281'  '288'  '206'  '224'  0  0  0  0
AREA "F163"  FLOOR  5  '58'  '15'  '169'  '16'  '78'  0  0  0  0  0
AREA "F164"  FLOOR  3  '179'  '58'  '262'  0  0  0
AREA "F1"  FLOOR  5  '74'  '177'  '15'  '4'  '41'  0  0  0  0  0
AREA "F3"  FLOOR  4  '177'  '74'  '5'  '168'  0  0  0  0
AREA "F4"  FLOOR  4  '275'  '257'  '248'  '214'  0  0  0  0
AREA "F5"  FLOOR  4  '217'  '260'  '282'  '275'  0  0  0  0
AREA "F6"  FLOOR  4  '20'  '270'  '250'  '21'  0  0  0  0

$ POINT ASSIGNS
  POINTASSIGN  '16'  'B1F'  USERJOINT  'Yes'
  POINTASSIGN  '1'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '2'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '3'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '4'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '5'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '200'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '201'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '202'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '203'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '204'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '205'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '12'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '13'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '14'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '15'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '16'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '205'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '207'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '208'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '209'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '210'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '211'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '23'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '24'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '25'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '26'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '27'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '212'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '213'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '214'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '215'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '216'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '217'  'Base'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '1'  '1F'  SPRINGPROP 'P9988'
  POINTASSIGN  '2'  '1F'  SPRINGPROP 'P9988'
  POINTASSIGN  '3'  '1F'  SPRINGPROP 'P9988'
  POINTASSIGN  '4'  '1F'  SPRINGPROP 'P9988'
  POINTASSIGN  '5'  '1F'  SPRINGPROP 'P9988'
  POINTASSIGN  '200'  '1F'  SPRINGPROP 'P9899'
  POINTASSIGN  '201'  '1F'  SPRINGPROP 'P9899'
  POINTASSIGN  '202'  '1F'  SPRINGPROP 'P9899'
  POINTASSIGN  '203'  '1F'  SPRINGPROP 'P9899'
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  POINTASSIGN  '204'  '1F'  SPRINGPROP 'P9899'
  POINTASSIGN  '205'  '1F'  SPRINGPROP 'P9899'
  POINTASSIGN  '12'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '13'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '14'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '15'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '16'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '206'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '207'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '208'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '209'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '210'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '211'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '23'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '24'  '1F'  SPRINGPROP 'P9899'
  POINTASSIGN  '25'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '26'  '1F'  SPRINGPROP 'P9899'
  POINTASSIGN  '27'  '1F'  SPRINGPROP 'P9899'
  POINTASSIGN  '212'  '1F'  SPRINGPROP 'P9899'
  POINTASSIGN  '213'  '1F'  SPRINGPROP 'P9899'
  POINTASSIGN  '214'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '215'  '1F'  SPRINGPROP 'P9899'
  POINTASSIGN  '216'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '217'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '147'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '147'  'B1F'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '148'  '1F'  SPRINGPROP 'P9999'
  POINTASSIGN  '148'  'B1F'  RESTRAINT 'UX UY UZ'
  POINTASSIGN  '139'  '1F'  USERJOINT  'Yes'
  POINTASSIGN  '187'  'PF'  USERJOINT  'Yes'
  POINTASSIGN  '188'  'PF'  USERJOINT  'Yes'
  POINTASSIGN  '184'  '4F'  USERJOINT  'Yes'
  POINTASSIGN  '73'  '3F'  USERJOINT  'Yes'
  POINTASSIGN  '195'  '2F'  USERJOINT  'Yes'
  POINTASSIGN  '198'  '2F'  USERJOINT  'Yes'
  POINTASSIGN  '280'  'B1F'  USERJOINT  'Yes'
  POINTASSIGN  '281'  'B1F'  USERJOINT  'Yes'
  POINTASSIGN  '288'  '1F'  USERJOINT  'Yes'
  POINTASSIGN  '287'  '2F'  USERJOINT  'Yes'
  POINTASSIGN  '287'  '3F'  USERJOINT  'Yes'
  POINTASSIGN  '287'  '4F'  USERJOINT  'Yes'
  POINTASSIGN  '287'  'R1F'  USERJOINT  'Yes'

$ LINE ASSIGNS
  LINEASSIGN  'C1'  'B1F'  SECTION 'C_80X130_8/10-75_2R0'  RIGIDZONE 1 ANG  -30 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C2'  'B1F'  SECTION 'C_80X130_8/10-15_2R0'  RIGIDZONE 1 ANG  -30 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C3'  'B1F'  SECTION 'C_80X130_8/10-15_2R0'  RIGIDZONE 1 ANG  -30 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C4'  'B1F'  SECTION 'C_80X130_8/10-15_2R0'  RIGIDZONE 1 ANG  -30 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C5'  'B1F'  SECTION 'C_80X130_8/10-15_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C41'  'B1F'  SECTION 'C_80X130_8/10-15_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C42'  'B1F'  SECTION 'C_80X130_8/10-15_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C43'  'B1F'  SECTION 'C_80X130_8/10-15_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C44'  'B1F'  SECTION 'C_80X130_8/10-15_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C45'  'B1F'  SECTION 'C_80X130_8/10-15_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C46'  'B1F'  SECTION 'C_D80_8/30_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C12'  'B1F'  SECTION 'C_80X80_8/30_2R0'  RIGIDZONE 1 ANG  -30 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C13'  'B1F'  SECTION 'C_80X80_8/28_2R0'  RIGIDZONE 1 ANG  -30 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C14'  'B1F'  SECTION 'C_80X80_8/28_2R0'  RIGIDZONE 1 ANG  -30 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C15'  'B1F'  SECTION 'C_80X80_8/30_2R0'  RIGIDZONE 1 ANG  -30 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C16'  'B1F'  SECTION 'C_80X80_8/28_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C47'  'B1F'  SECTION 'C_80X80_8/30_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C48'  'B1F'  SECTION 'C_80X80_8/28_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C49'  'B1F'  SECTION 'C_80X80_8/28_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C50'  'B1F'  SECTION 'C_80X80_8/28_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C51'  'B1F'  SECTION 'C_80X80_8/30_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C52'  'B1F'  SECTION 'C_D80_8/20_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C23'  'B1F'  SECTION 'C_D80_8/20_2R0'  RIGIDZONE 1 ANG  -30 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C24'  'B1F'  SECTION 'C_D80_8/24_2R0'  RIGIDZONE 1 ANG  -30 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C25'  'B1F'  SECTION 'C_D80_8/24_2R0'  RIGIDZONE 1 ANG  -30 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C26'  'B1F'  SECTION 'C_D80_8/24_2R0'  RIGIDZONE 1 ANG  -30 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C27'  'B1F'  SECTION 'C_D80_8/24_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C53'  'B1F'  SECTION 'C_D80_8/20_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C54'  'B1F'  SECTION 'C_D80_8/20_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C55'  'B1F'  SECTION 'C_D80_8/20_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C56'  'B1F'  SECTION 'C_D80_8/20_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C57'  'B1F'  SECTION 'C_D80_8/20_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'C58'  'B1F'  SECTION 'C_D80_8/20_2R0'  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B1'  'B1F'  SECTION 'BF_50X189_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B2'  'B1F'  SECTION 'BF_50X189_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B3'  'B1F'  SECTION 'BF_50X189_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B4'  'B1F'  SECTION 'BF_50X189_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B5'  'B1F'  SECTION 'BF_50X189_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B166'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B216'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B220'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B221'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B222'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B223'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B12'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B13'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B14'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B15'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B16'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B17'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B18'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B19'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B20'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B21'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B22'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B23'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B24'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B25'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B26'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B27'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B228'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B230'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B231'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B232'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B233'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B234'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B235'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B236'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B237'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B238'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
  LINEASSIGN  'B239'  'B1F'  SECTION 'BF_50X180_2R0'  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH 'YES'  MESHATINTERSECTIONS 'YES'
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LINEASSIGN "B240" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B241" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B242" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B243" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B244" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B245" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B246" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B247" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B248" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B249" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B65" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B66" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C1" "1F" SECTION "C_80X130_8/10-15_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C2" "1F" SECTION "C_80X130_8/10-15_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C3" "1F" SECTION "C_80X130_8/10-15_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C4" "1F" SECTION "C_80X130_8/10-15_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C5" "1F" SECTION "C_80X130_8/10-15_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C41" "1F" SECTION "C_80X130_8/10-15_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C42" "1F" SECTION "C_80X130_8/10-15_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C43" "1F" SECTION "C_80X130_8/10-15_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C44" "1F" SECTION "C_80X130_8/10-15_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C45" "1F" SECTION "C_80X130_8/10-15_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C46" "1F" SECTION "C_080_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C12" "1F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C13" "1F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C14" "1F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C15" "1F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C16" "1F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C47" "1F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C48" "1F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C49" "1F" SECTION "C_80X60_8/36_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C50" "1F" SECTION "C_80X60_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C51" "1F" SECTION "C_80X60_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C52" "1F" SECTION "C_080_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C53" "1F" SECTION "C_080_8/20_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C54" "1F" SECTION "C_080_8/24_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C55" "1F" SECTION "C_080_8/24_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C56" "1F" SECTION "C_080_8/24_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C57" "1F" SECTION "C_080_8/24_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C58" "1F" SECTION "C_080_8/24_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C59" "1F" SECTION "C_080_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B1" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B2" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B3" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B4" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B5" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B166" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B216" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B220" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B221" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B222" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B223" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B12" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B13" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B14" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B15" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B16" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B17" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B18" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B19" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B20" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B21" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B22" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B23" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B24" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B25" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B26" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B27" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B226" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B230" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B231" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B232" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B233" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B234" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B235" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B236" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B237" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B238" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B239" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B241" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B242" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B243" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B244" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B245" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B246" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B247" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B248" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B249" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B66" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B69" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B70" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B71" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B72" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B250" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B251" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B252" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B253" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B254" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B255" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B79" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B80" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B81" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B82" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B256" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B257" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B258" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B259" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B68" "1F" SECTION "A_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B70" "1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B71" "1F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B251" "1F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B252" "1F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
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LINEASSIGN "B253" "1F" SECTION "A_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B254" "1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B79" "1F" SECTION "B_40X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B80" "1F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B81" "1F" SECTION "B_40X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B82" "1F" SECTION "B_40X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B256" "1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B257" "1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B258" "1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B259" "1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B329" "1F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B330" "1F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B178" "1F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B179" "1F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C1" "2F" SECTION "C_80X80_8/40_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 PIER "VP2" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C2" "2F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C3" "2F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C4" "2F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 PIER "VP3" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C5" "2F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C41" "2F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 MINNUMSTA 3 PIER "VP4" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C42" "2F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C43" "2F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 MINNUMSTA 3 PIER "VP5" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C44" "2F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C45" "2F" SECTION "C_80X130_8/10-15_280" RIGIDZONE 1 MINNUMSTA 3 PIER "VP6" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C46" "2F" SECTION "C_080_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C12" "2F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 PIER "VP2" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C13" "2F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C14" "2F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C15" "2F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 PIER "VP3" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C16" "2F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C47" "2F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 MINNUMSTA 3 PIER "VP4" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C48" "2F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C49" "2F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 MINNUMSTA 3 PIER "VP5" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C50" "2F" SECTION "C_80X60_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C51" "2F" SECTION "C_80X60_8/28_280" RIGIDZONE 1 MINNUMSTA 3 PIER "VP6" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C52" "2F" SECTION "C_080_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C53" "2F" SECTION "C_080_8/20_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C54" "2F" SECTION "C_080_8/24_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C55" "2F" SECTION "C_080_8/24_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C56" "2F" SECTION "C_080_8/24_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C27" "2F" SECTION "C_080_8/24_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C57" "2F" SECTION "C_080_8/24_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C58" "2F" SECTION "C_080_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C59" "2F" SECTION "C_080_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C60" "2F" SECTION "C_080_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C61" "2F" SECTION "C_080_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B1" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B2" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B3" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B4" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B5" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B166" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B216" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B220" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B221" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B222" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B223" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B12" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B13" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B14" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B15" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B16" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B17" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B18" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B19" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B21" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B22" "2F" SECTION "B_50X70_280" RIGIDZONE 
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  LINEASSIGN "B121" "2F" SECTION "B_80X70_280" PROPMODI33 0.5 RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B121" "1F" SECTION "B_80X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B131" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B131" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B125" "2F" SECTION "B_50X70_280" PROPMODI33 0.5 RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B125" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B124" "2F" SECTION "B_80X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B124" "1F" SECTION "B_80X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B127" "2F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B127" "1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B128" "2F" SECTION "B_80X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B128" "1F" SECTION "B_80X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B228" "1F" SECTION "B_80X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B251" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B262" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B263" "B1F" SECTION "BF_50X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B264" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B265" "B1F" SECTION "BF_40X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B261" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B265" "1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B262" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B263" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B264" "1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C1" "3F" SECTION "C_80X80_8/36_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 PIER "YP2" AUTOMESH "YES" MESHATINTERSECTIONS
"YES"
  LINEASSIGN "C2" "3F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C3" "3F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C4" "3F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 PIER "YP3" AUTOMESH "YES" MESHATINTERSECTIONS
"YES"
  LINEASSIGN "C5" "3F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C41" "3F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 MINNUMSTA 3 PIER "YP4" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C42" "3F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C43" "3F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 MINNUMSTA 3 PIER "YP5" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C44" "3F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C45" "3F" SECTION "C_80X180_8/9-14_280" RIGIDZONE 1 MINNUMSTA 3 PIER "YP6" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C46" "3F" SECTION "C_80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C12" "3F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 PIER "YP2" AUTOMESH "YES" MESHATINTERSECTIONS
"YES"
  LINEASSIGN "C13" "3F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C14" "3F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C15" "3F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 PIER "YP3" AUTOMESH "YES" MESHATINTERSECTIONS
"YES"
  LINEASSIGN "C16" "3F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C47" "3F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 MINNUMSTA 3 PIER "YP4" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C48" "3F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C49" "3F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 MINNUMSTA 3 PIER "YP5" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C50" "3F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C51" "3F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 MINNUMSTA 3 PIER "YP6" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C52" "3F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C25" "3F" SECTION "C_D80_8/16_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C24" "3F" SECTION "C_D80_8/20_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C25" "3F" SECTION "C_D80_8/20_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C26" "3F" SECTION "C_D80_8/20_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C27" "3F" SECTION "C_D80_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C53" "3F" SECTION "C_D80_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C54" "3F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C55" "3F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C56" "3F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C57" "3F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C58" "3F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B1" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B2" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B3" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B4" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B5" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B196" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B216" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B220" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B221" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B222" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B223" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B12" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B13" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B14" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B15" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B16" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B17" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B18" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B19" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B20" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B21" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B22" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B24" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B25" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B26" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B225" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B230" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B231" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B232" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B233" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B234" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B235" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B236" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B237" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B238" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B239" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B240" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B241" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B242" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B243" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B244" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B245" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B246" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B248" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B249" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B69" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B79" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B71" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B251" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B252" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B253" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B254" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B70" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
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  LINEASSIGN "B89" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B81" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B256" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B257" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B258" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B259" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B315" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B121" "3F" SECTION "B_80X70_280" PROPMODI33 0.5 RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B131" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B125" "3F" SECTION "B_50X70_280" PROPMODI33 0.5 RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B124" "3F" SECTION "B_80X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B127" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B292" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B283" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B284" "3F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B287" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B288" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B289" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B247" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B338" "3F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B339" "3F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B340" "3F" SECTION "B_40X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B341" "3F" SECTION "B_40X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B23" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B274" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B275" "3F" SECTION "B_80X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B126" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C1" "4F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 PIER "YP2" AUTOMESH "YES" MESHATINTERSECTIONS
"YES"
  LINEASSIGN "C2" "4F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C3" "4F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C4" "4F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 PIER "YP3" AUTOMESH "YES" MESHATINTERSECTIONS
"YES"
  LINEASSIGN "C5" "4F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C41" "4F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 PIER "YP4" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C42" "4F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C43" "4F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 PIER "YP5" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C44" "4F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C45" "4F" SECTION "C_80X180_8/8-12_280" RIGIDZONE 1 MINNUMSTA 3 PIER "YP6" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C46" "4F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C12" "4F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 PIER "YP2" AUTOMESH "YES" MESHATINTERSECTIONS
"YES"
  LINEASSIGN "C13" "4F" SECTION "C_80X80_8/20_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C14" "4F" SECTION "C_80X80_8/20_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C15" "4F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 PIER "YP3" AUTOMESH "YES" MESHATINTERSECTIONS
"YES"
  LINEASSIGN "C16" "4F" SECTION "C_80X80_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C47" "4F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 PIER "YP4" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C48" "4F" SECTION "C_80X80_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C49" "4F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 PIER "YP5" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C50" "4F" SECTION "C_80X80_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C51" "4F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 PIER "YP6" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C52" "4F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C23" "4F" SECTION "C_D80_8/16_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C24" "4F" SECTION "C_D80_8/16_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C25" "4F" SECTION "C_D80_8/16_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C26" "4F" SECTION "C_D80_8/16_280" RIGIDZONE 1 ANG -30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C27" "4F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C53" "4F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C54" "4F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C55" "4F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C56" "4F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C57" "4F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C58" "4F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B1" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B2" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B3" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B4" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B5" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B166" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B216" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESH
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   LINEASSIGN "B252" "4F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B253" "4F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B254" "4F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B79" "4F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B80" "4F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B81" "4F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B258" "4F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B257" "4F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B256" "4F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B255" "4F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B259" "4F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B121" "4F" SECTION "B_30X70_280" PROPMOD133 0.5 RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
   LINEASSIGN "B131" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B247" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B23" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B278" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B277" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B278" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B279" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B282" "4F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B281" "4F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B282" "4F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B283" "4F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B284" "4F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B27" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B82" "4F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B125" "4F" SECTION "B_50X70_280" PROPMOD133 0.5 RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
   LINEASSIGN "B124" "4F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B127" "4F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B128" "4F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C1" "RIF" SECTION "C_80X80_8/28_280" RIGIDZONE 1 ANG -30 MINMUNSTA 3 PIER "YP2" AUTOMESH "YES" MESHATINTERSECTIONS
"YES"
   LINEASSIGN "C2" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 ANG -30 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C3" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 ANG -30 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C4" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 ANG -30 MINMUNSTA 3 PIER "YP3" AUTOMESH "YES" MESHATINTERSECTIONS
"YES"
   LINEASSIGN "C5" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C41" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 MINMUNSTA 3 PIER "YP4" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C42" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C43" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C44" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C45" "R1F" SECTION "C_80X160_8/7-11_280" RIGIDZONE 1 MINMUNSTA 3 PIER "YP6" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C12" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 ANG -30 MINMUNSTA 3 PIER "YP2" AUTOMESH "YES" MESHATINTERSECTIONS
"YES"
   LINEASSIGN "C13" "R1F" SECTION "C_80X80_8/20_280" RIGIDZONE 1 ANG -30 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C15" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 ANG -30 MINMUNSTA 3 PIER "YP3" AUTOMESH "YES" MESHATINTERSECTIONS
"YES"
   LINEASSIGN "C16" "R1F" SECTION "C_80X80_8/20_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C47" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 MINMUNSTA 3 PIER "YP4" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C48" "R1F" SECTION "C_80X80_8/20_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C49" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C50" "R1F" SECTION "C_80X80_8/20_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C51" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 MINMUNSTA 3 PIER "YP6" AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C52" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C23" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 ANG -30 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C24" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 ANG -30 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C25" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 ANG -30 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C26" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 ANG -30 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C53" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C54" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C55" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C56" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C57" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C58" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B1" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B2" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B3" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B4" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B5" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B166" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B216" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B220" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B221" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B222" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B12" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B13" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B14" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B15" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B92" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B18" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B19" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B20" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B21" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B22" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B24" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B25" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B26" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B228" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B230" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B231" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B232" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B233" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B234" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B235" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B236" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B237" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B238" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B240" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B241" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B242" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B243" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B244" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B245" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B246" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B248" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B249" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B69" "R1F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B70" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B71" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B251" "R1F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B252" "R1F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B253" "R1F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B254" "R1F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B78" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
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   LINEASSIGN "B80" "R1F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B81" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B256" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B257" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B258" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B259" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B121" "R1F" SECTION "B_30X70_280" PROPMOD133 0.5 RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
   LINEASSIGN "B131" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B125" "R1F" SECTION "B_50X70_280" PROPMOD133 0.5 RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
   LINEASSIGN "B124" "R1F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B127" "R1F" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B262" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B263" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B264" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B247" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B23" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B187" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B274" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B275" "R1F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B126" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B285" "R1F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B286" "R1F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B287" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B288" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C6" "PF" SECTION "C_80X80_8/20_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C7" "PF" SECTION "C_80X80_8/20_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C16" "PF" SECTION "C_80X80_8/20_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "C47" "PF" SECTION "C_80X80_8/20_280" RIGIDZONE 1 MINMUNSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B160" "PF" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B28" "PF" SECTION "B_40X80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B226" "PF" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B240" "PF" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B30" "PF" SECTION "B_30X56_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B326" "BIF" SECTION "BF_80X80_8/20_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B325" "BIF" SECTION "BF_30X180_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B289" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B290" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B291" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B292" "R1F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B293" "R1F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B138" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B139" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B151" "2F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B152" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B28" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B157" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B158" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B159" "2F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B160" "2F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B161" "2F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B162" "2F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B28" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B281" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B290" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B281" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B295" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B296" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B297" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B222" "2F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B233" "2F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B298" "2F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B299" "2F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B300" "2F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B303" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
   LINEASSIGN "B278" "2F" SECTION "B_50X70_280" RI
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LINEASSIGN "B290" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B291" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B295" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B296" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B151" "4F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B161" "4F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B162" "4F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B282" "4F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B283" "4F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B298" "4F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B299" "4F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B31C" "4F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B311" "2F" SECTION "B_40X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B312" "2F" SECTION "B_40T70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B313" "2F" SECTION "B_40T80_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B205" "4F" SECTION "B_25T70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B206" "4F" SECTION "B_25T70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B314" "4F" SECTION "B_30T70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B123" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B128" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B138" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B185" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B180" "R1F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B181" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B182" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B183" "R1F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B186" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B236" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B299" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B210" "R1F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B315" "R1F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B285" "R1F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B396" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B295" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B296" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B394" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B316" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B317" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B288" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B289" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B307" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B318" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B319" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B320" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B321" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B352" "R1F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B176" "4F" SECTION "B_30T50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B175" "4F" SECTION "B_30T50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B167" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B184" "4F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B174" "4F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B175" "R1F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B167" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B184" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B105" "PF" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B212" "PF" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B213" "PF" SECTION "B_30X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B215" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B217" "R1F" SECTION "B_23X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B224" "4F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B218" "4F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B219" "4F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B228" "4F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B223" "4F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B215" "3F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B217" "3F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B225" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B227" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B224" "2F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B228" "2F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B229" "2F" SECTION "B_25X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B279" "2F" SECTION "B_50X70_280" CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B323" "1F" SECTION "B_30X50_280" CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B323" "2F" SECTION "B_30X50_280" CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B323" "3F" SECTION "B_30X50_280" CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B323" "4F" SECTION "B_30X50_280" CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B132" "3F" SECTION "B_30T70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B132" "R1F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B227" "1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B182" "2F" SECTION "B_25X70_280" CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B329" "2F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B330" "2F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B332" "2F" SECTION "B_40X60_280" CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B338" "3F" SECTION "B_25X70_280" CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B328" "3F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B330" "3F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B329" "4F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B330" "4F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B334" "4F" SECTION "B_30X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B331" "4F" SECTION "B_40X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B332" "4F" SECTION "B_40T60_280" CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B329" "R1F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B330" "R1F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B283" "2F" SECTION "B_30X70_283" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B28" "2F" SECTION "B_30X70_283" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B209" "3F" SECTION "B_50T70_280" CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B29" "2F" SECTION "B_30X70_280" CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B11" "2F" SECTION "B_30X70_280" CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"

$ AREA ASSIGNS
  AREAASSIGN "F2" "B1F" SECTION "OS55MAT" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F107" "2F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F98" "2F" SECTION "OS1SS" DIAPH "D1" ANG 90 OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F42" "B1F" SECTION "OS55MAT" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F16" "1F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F53" "2F" SECTION "OS1S" DIAPH "D1" ANG 90 OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F16" "2F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F45" "2F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F37" "2F" SECTION "OS1SS" DIAPH "D1" ANG 90 OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F42" "B1F" SECTION "OS55MAT" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F37" "2F" SECTION "OS1SS" DIAPH "D1" ANG 90 OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "W1" "2F" SECTION "0W30" PROPMODF12 0.3 PIER "YP1" OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
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  AREAASSIGN "W1" "1F" SECTION "0W30" PROPMODF12 0.3 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F108" "3F" SECTION "OS2S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F101" "3F" SECTION "OS15S" DIAPH "D1" ANG 90 OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F97" "3F" SECTION "OS1SS" DIAPH "D1" ANG 60 OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "W1" "3F" SECTION "0W30" PROPMODF12 0.3 PIER "YP1" OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F38" "3F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F103" "3F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F98" "3F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F104" "4F" SECTION "OS15S" DIAPH "D1" ANG 90 OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F97" "4F" SECTION "OS1SS" DIAPH "D1" ANG 60 OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "W1" "4F" SECTION "0W30" PROPMODF12 0.3 PIER "YP1" OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F105" "4F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F106" "4F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F107" "4F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F53" "4F" SECTION "OS1S" DIAPH "D1" ANG 90 OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F16" "4F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F45" "4F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F100" "R1F" SECTION "OS2S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F108" "R1F" SECTION "OS1SS" DIAPH "D1" ANG 90 OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F37" "R1F" SECTION "OS1SS" DIAPH "D1" ANG 60 OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "W1" "R1F" SECTION "0W30" PROPMODF12 0.3 PIER "YP1" OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F38" "R1F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F109" "R1F" SECTION "OS1S" DIAPH "D1" ANG 90 OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F4" "R1F" SECTION "OS1S" DIAPH "D1" ANG 90 OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F10" "R1F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F15" "R1F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F103" "R1F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F89" "R1F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F111" "R1F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F112" "R1F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F5" "R1F" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F114" "PF" SECTION "OS1S" DIAPH "D1" OBJMESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W2" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W3" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W4" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W5" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W6" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W41" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W42" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W43" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W44" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W45" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W46" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W47" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W48" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W16" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W17" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W18" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W15" "1F" SECTION "0W25" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W28" "1F" SECTION "0W20" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W50" "1F" SECTION "0W20" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W51" "1F" SECTION "0W20" PROPMODF12 0.5 OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W16" "2F" SECTION "0W25" PROPMODF12 0.3 PIER "YP2" OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W49" "2F" SECTION "0W25" PROPMODF12 0.3 PIER "YP3" OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W49" "2F" SECTION "0W25" PROPMODF12 0.3 PIER "YP4" OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "W52" "2F" SECTION "0W25" PROPMODF12 0.3 PIER "YP5" OBJMESHTYPE "DEFAULT" ADDRESTRAINT "Yes" CARDINALPOINT
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  AREAASSIGN  "W19"  "3F"  SECTION "OW25"  PROPMODF12 0.3 PIER  "VP2"  OBJMESHTYPE "DEFAULT"  ADDRESTRAINT "Yes"  CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "W28"  "3F"  SECTION "OW25"  PROPMODF12 0.3 PIER  "VP3"  OBJMESHTYPE "DEFAULT"  ADDRESTRAINT "Yes"  CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "W48"  "3F"  SECTION "OW25"  PROPMODF12 0.3 PIER  "VP4"  OBJMESHTYPE "DEFAULT"  ADDRESTRAINT "Yes"  CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "W69"  "3F"  SECTION "OW25"  PROPMODF12 0.3 PIER  "VP5"  OBJMESHTYPE "DEFAULT"  ADDRESTRAINT "Yes"  CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "W52"  "3F"  SECTION "OW25"  PROPMODF12 0.3 PIER  "VP6"  OBJMESHTYPE "DEFAULT"  ADDRESTRAINT "Yes"  CARDINALPOINT "MIDDLE"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F115"  "1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F24"  "1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F28"  "1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F32"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F29"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F116"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F117"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F118"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F120"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F121"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F32"  "3F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F28"  "3F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F120"  "3F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F121"  "3F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F122"  "3F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F123"  "3F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F124"  "3F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F125"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F121"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F24"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F28"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F117"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F124"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F32"  "R1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F29"  "R1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F125"  "R1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F128"  "R1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F117"  "R1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F118"  "R1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F19"  "2F"  SECTION "OS15"  DIAPH  "D1"  ANG 60 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F0"  "2F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F14"  "1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F12"  "1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F14"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F12"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F14"  "3F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F12"  "3F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F11"  "R1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F14"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F12"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F14"  "R1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F128"  "2F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F129"  "2F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F130"  "2F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F25"  "R1F"  SECTION "OS15"  DIAPH  "D1"  ANG 60 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F75"  "R1F"  SECTION "OS15"  DIAPH  "D1"  ANG 60 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F28"  "R1F"  SECTION "OS15"  DIAPH  "D1"  ANG 60 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F84"  "4F"  SECTION "OS15"  DIAPH  "D1"  ANG 60 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F88"  "4F"  SECTION "OS15"  DIAPH  "D1"  ANG 60 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F19"  "4F"  SECTION "OS15"  DIAPH  "D1"  ANG 60 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F43"  "4F"  SECTION "OS15"  DIAPH  "D1"  ANG 100 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F75"  "3F"  SECTION "OS15"  DIAPH  "D1"  ANG 60 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F25"  "3F"  SECTION "OS15"  DIAPH  "D1"  ANG 60 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F28"  "3F"  SECTION "OS15"  DIAPH  "D1"  ANG 60 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F84"  "2F"  SECTION "OS15"  DIAPH  "D1"  ANG 60 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F43"  "2F"  SECTION "OS15"  DIAPH  "D1"  ANG 100 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F89"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F88"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F89"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F88"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F159"  "3F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F160"  "3F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F133"  "3F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F134"  "3F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F135"  "3F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F136"  "4F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F137"  "4F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F138"  "4F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F139"  "4F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F140"  "4F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F89"  "1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F88"  "1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F141"  "B1F"  SECTION "OS55MAT"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F142"  "B1F"  SECTION "OS55MAT"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F143"  "1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F143"  "1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F144"  "1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "W33"  "1F"  SECTION "OW25"  OBJMESHTYPE "DEFAULT"  ADDRESTRAINT "Yes"  CARDINALPOINT "MIDDLE"  TRANSFORMSTIFFNESSFORCEFSETS
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"No"
  AREAASSIGN  "W34"  "1F"  SECTION "OW25"  OBJMESHTYPE "DEFAULT"  ADDRESTRAINT "Yes"  CARDINALPOINT "MIDDLE"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "W53"  "1F"  SECTION "OW25"  OBJMESHTYPE "DEFAULT"  ADDRESTRAINT "Yes"  CARDINALPOINT "MIDDLE"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "W54"  "1F"  SECTION "OW25"  OBJMESHTYPE "DEFAULT"  ADDRESTRAINT "Yes"  CARDINALPOINT "MIDDLE"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "W55"  "1F"  SECTION "OW25"  OBJMESHTYPE "DEFAULT"  ADDRESTRAINT "Yes"  CARDINALPOINT "MIDDLE"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "W56"  "1F"  SECTION "OW25"  OBJMESHTYPE "DEFAULT"  ADDRESTRAINT "Yes"  CARDINALPOINT "MIDDLE"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "W57"  "1F"  SECTION "OW25"  OBJMESHTYPE "DEFAULT"  ADDRESTRAINT "Yes"  CARDINALPOINT "MIDDLE"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "W58"  "1F"  SECTION "OW25"  OBJMESHTYPE "DEFAULT"  ADDRESTRAINT "Yes"  CARDINALPOINT "MIDDLE"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F145"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F147"  "2F"  SECTION "OS25"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F148"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F161"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F151"  "2F"  SECTION "OS25"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F162"  "2F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F163"  "3F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F164"  "3F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F147"  "3F"  SECTION "OS25"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F148"  "3F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F157"  "3F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F140"  "3F"  SECTION "OS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS
"No"
  AREAASSIGN  "F147"  "4F"  SECTION "OS25"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F148"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F161"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F151"  "4F"  SECTION "OS25"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F162"  "4F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F147"  "R1F"  SECTION "OS25"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F148"  "R1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F1"  "R1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"
  AREAASSIGN  "F3"  "R1F"  SECTION "OS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFORCEFSETS "No"

$ LOAD PATTERNS
  LOADPATTERN "DL"  TYPE "Dead"  SELFWEIGHT  1
  LOADPATTERN "LL"  TYPE "Live"  SELFWEIGHT  0
  LOADPATTERN "EQXP"  TYPE  "Seismic"  SELFWEIGHT  0
  LOADPATTERN "EQYP"  TYPE  "Seismic"  SELFWEIGHT  0
  LOADPATTERN "EQXN"  TYPE  "Seismic"  SELFWEIGHT  0
  LOADPATTERN "EQYN"  TYPE  "Seismic"  SELFWEIGHT  0
  LOADPATTERN "WLXP"  TYPE  "Wind"  SELFWEIGHT  0
  LOADPATTERN "WLXN"  TYPE  "Wind"  SELFWEIGHT  0
  LOADPATTERN "WLYP"  TYPE  "Wind"  SELFWEIGHT  0
  LOADPATTERN "WLYN"  TYPE  "Wind"  SELFWEIGHT  0
  LOADPATTERN "LL25"  TYPE  "Live"  SELFWEIGHT  0
  LOADPATTERN "LL50"  TYPE  "Live"  SELFWEIGHT  0
  LOADPATTERN "LL100"  TYPE  "Live"  SELFWEIGHT  0
  LOADPATTERN "DLM"  TYPE  "Dead"  SELFWEIGHT  0
  LOADPATTERN "LLM"  TYPE  "Live"  SELFWEIGHT  0
  SEISMIC "EQXP"  "User Loads"
  SEISMIC "EQXP"  USERLOAD  SET 1  "PF"  "D1"  FX 36700  ECC 0.05
  SEISMIC "EQXP"  USERLOAD  SET 1  "R1F"  "D1"  FX 631700  ECC 0.05
  SEISMIC "EQXP"  USERLOAD  SET 1  "4F"  "D1"  FX 526000  ECC 0.05
  SEISMIC "EQXP"  USERLOAD  SET 1  "3F"  "D1"  FX 365500  ECC 0.05
  SEISMIC "EQXP"  USERLOAD  SET 1  "2F"  "D1"  FX 180300  ECC 0.05
  SEISMIC "EQXP"  USERLOAD  SET 1  "1F"  "D1"  FX 224500  ECC 0.05
  SEISMIC "EQYP"  "User Loads"
  SEISMIC "EQYP"  USERLOAD  SET 1  "PF"  "D1"  FY 42100  ECC 0.053
  SEISMIC "EQYP"  USERLOAD  SET 1  "R1F"  "D1"  FY 724500  ECC 0.053
  SEISMIC "EQYP"  USERLOAD  SET 1  "4F"  "D1"  FY 603200  ECC 0.053
  SEISMIC "EQYP"  USERLOAD  SET 1  "3F"  "D1"  FY 419100  ECC 0.053
  SEISMIC "EQYP"  USERLOAD  SET 1  "2F"  "D1"  FY 206800  ECC 0.053
  SEISMIC "EQYP"  USERLOAD  SET 1  "1F"  "D1"  FY 224500  ECC 0.053
  SEISMIC "EQXN"  "User Loads"
  SEISMIC "EQXN"  USERLOAD  SET 1  "PF"  "D1"  FX 36700  ECC -0.05
  SEISMIC "EQXN"  USERLOAD  SET 1  "R1F"  "D1"  FX 631700  ECC -0.05
  SEISMIC "EQXN"  USERLOAD  SET 1  "4F"  "D1"  FX 526000  ECC -0.05
  SEISMIC "EQXN"  USERLOAD  SET 1  "3F"  "D1"  FX 365500  ECC -0.05
  SEISMIC "EQXN"  USERLOAD  SET 1  "2F"  "D1"  FX 180300  ECC -0.05
  SEISMIC "EQXN"  USERLOAD  SET 1  "1F"  "D1"  FX 224500  ECC -0.05
  SEISMIC "EQYN"  "User Loads"
  SEISMIC "EQYN"  USERLOAD  SET 1  "PF"  "D1"  FY 42100  ECC -0.061
  SEISMIC "EQYN"  USERLOAD  SET 1  "R1F"  "D1"  FY 724500  ECC -0.061
  SEISMIC "EQYN"  USERLOAD  SET 1  "4F"  "D1"  FY 603200  ECC -0.061
  SEISMIC "EQYN"  USERLOAD  SET 1  "3F"  "D1"  FY 419100  ECC -0.061
  SEISMIC "EQYN"  USERLOAD  SET 1  "2F"  "D1"  FY 206800  ECC -0.061
  SEISMIC "EQYN"  USERLOAD  SET 1  "1F"  "D1"  FY 224500  ECC -0.061

$ POINT OBJECT LOADS

$ FRAME OBJECT LOADS

$ SHELL OBJECT LOADS
  AREALOAD  "F2"  "B1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.92
  AREALOAD  "F2"  "B1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.85
  AREALOAD  "F2"  "B1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DLM"  FVAL -0.954
  AREALOAD  "F2"  "B1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LLM"  FVAL -0.204
  AREALOAD  "F107"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F107"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F88"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F88"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F42"  "B1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.92
  AREALOAD  "F42"  "B1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.85
  AREALOAD  "F42"  "B1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DLM"  FVAL -0.954
  AREALOAD  "F42"  "B1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LLM"  FVAL -0.204
  AREALOAD  "F16"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.92
  AREALOAD  "F16"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.85
  AREALOAD  "F53"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F53"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F18"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F18"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F45"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F45"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F47"  "B1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.92
  AREALOAD  "F47"  "B1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.85
  AREALOAD  "F47"  "B1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DLM"  FVAL -0.954
  AREALOAD  "F47"  "B1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LLM"  FVAL -0.204
  AREALOAD  "F37"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
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AREALOAD  "F37"   "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F100"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F100"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F101"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F101"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F37"   "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F37"   "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F38"   "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F38"   "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F102"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F103"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F68"   "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F68"   "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F104"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F104"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F37"   "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F37"   "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F105"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F105"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F106"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F106"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F107"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F107"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F53"   "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F53"   "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F18"   "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F18"   "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F45"   "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F45"   "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F100"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F100"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F108"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F108"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F37"   "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F37"   "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F38"   "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F38"   "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F139"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F109"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F4"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F4"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F19"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F10"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F15"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F15"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F103"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F103"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F68"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F68"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F111"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F111"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F112"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F112"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F5"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F5"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F114"  "PF"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F114"  "PF"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.043
AREALOAD  "F115"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F115"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.02
AREALOAD  "F24"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.02
AREALOAD  "F24"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F29"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F29"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.02
AREALOAD  "F32"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F32"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F29"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F29"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F116"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F116"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F117"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F117"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F118"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F118"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F120"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F120"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F121"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F121"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F32"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F32"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F29"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F29"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F120"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F120"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F121"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F121"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F122"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F122"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F123"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F123"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F124"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F124"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F125"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F125"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F121"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F121"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F24"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F24"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F29"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F29"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F117"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F117"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F124"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F124"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F32"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F32"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F29"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F29"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F125"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F125"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F126"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F126"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F117"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F117"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F118"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
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AREALOAD  "F118"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F118"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL100"  FVAL 0.01
AREALOAD  "F19"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F19"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F6"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F6"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F14"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F14"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.02
AREALOAD  "F12"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F12"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.02
AREALOAD  "F14"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F14"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F12"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F12"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F14"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F14"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F12"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F12"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F11"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F11"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F14"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F14"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F12"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.025
AREALOAD  "F12"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F14"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F14"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F14"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL100"  FVAL 0.05
AREALOAD  "F128"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F128"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F129"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F129"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL100"  FVAL 0.1
AREALOAD  "F129"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F130"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F139"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F25"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F25"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F75"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F75"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F28"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.02
AREALOAD  "F28"  "R1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.027
AREALOAD  "F84"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F84"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F88"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F88"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL100"  FVAL 0.1
AREALOAD  "F88"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F19"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F19"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F42"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F43"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F75"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F75"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL100"  FVAL 0.1
AREALOAD  "F75"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F25"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F25"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F28"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F28"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F84"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F84"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F43"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.04
AREALOAD  "F43"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F89"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F89"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F86"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F86"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F89"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F89"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F86"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F86"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F155"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F150"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL100"  FVAL 0.05
AREALOAD  "F150"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F160"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F160"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F133"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F133"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F134"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F134"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL100"  FVAL 0.1
AREALOAD  "F134"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F135"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.031
AREALOAD  "F135"  "3F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F136"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F136"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL100"  FVAL 0.1
AREALOAD  "F136"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F137"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F137"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F137"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL100"  FVAL 0.1
AREALOAD  "F138"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F138"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F139"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F139"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F140"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.03
AREALOAD  "F140"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F140"  "4F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL100"  FVAL 0.1
AREALOAD  "F88"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.02
AREALOAD  "F88"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F88"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.02
AREALOAD  "F86"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F141"  "B1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.92
AREALOAD  "F141"  "B1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F141"  "B1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DLW"  FVAL -0.954
AREALOAD  "F141"  "B1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LLW"  FVAL -0.204
AREALOAD  "F142"  "B1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.92
AREALOAD  "F142"  "B1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.1
AREALOAD  "F142"  "B1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DLW"  FVAL -0.954
AREALOAD  "F142"  "B1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LLW"  FVAL -0.204
AREALOAD  "F142"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.02
AREALOAD  "F142"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F143"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.02
AREALOAD  "F143"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F144"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.02
AREALOAD  "F144"  "1F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F145"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F145"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
AREALOAD  "F147"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "DL"  FVAL 0.032
AREALOAD  "F147"  "2F"  TYPE "UN1FF"  DIR "GRAV"  LC "LL"  FVAL 0.05
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  AREALOAD  "F148"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F148"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F161"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F161"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F151"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F151"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F162"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F162"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F163"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.031
  AREALOAD  "F163"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F164"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.031
  AREALOAD  "F164"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F147"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F147"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F148"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.031
  AREALOAD  "F148"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F157"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.031
  AREALOAD  "F157"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F140"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.031
  AREALOAD  "F140"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F147"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F147"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
  AREALOAD  "F148"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F148"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
  AREALOAD  "F161"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F161"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
  AREALOAD  "F151"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F151"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
  AREALOAD  "F162"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F162"  "4F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
  AREALOAD  "F147"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.02
  AREALOAD  "F147"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.027
  AREALOAD  "F147"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.05
  AREALOAD  "F148"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F148"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.03
  AREALOAD  "F1"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.027
  AREALOAD  "F1"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.02
  AREALOAD  "F3"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.027
  AREALOAD  "F3"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.02
  AREALOAD  "F3"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.05

$ ANALYSIS OPTIONS
  ACTIVEDOF "UX UY UZ RX RY RZ"
  MODELINGSIMPLIFIES "No"
  PDELTA  METHOD "NONITERATIVE"
  AUTOMESHOPTIONS  MESHTYPE  "RECTANGULAR"  LOCALIZEDFLOORMESHING  "Yes"  FLOORMESHMERGEJOINTS  "Yes"  FLOORMESHMAXSIZE  125
WALLMESHMAXSIZE  125

$ MASS SOURCE
  MASSSOURCE  "MsSrc1"  INCLUDEELEMENTS "No"  INCLUDEADDEDMASS "No"  INCLUDELOADS "Yes"  INCLUDEMOVE "No"  INCLUDELATERALMASS
"Yes"  INCLUDEVERTICALMASS "No"  LUMPATSTORIES "Yes"  ISDEFAULT "Yes"
  MASSSOURCELOAD  "MsSrc1"  "DL"  1
  MASSSOURCELOAD  "MsSrc1"  "LL25"  0.25
  MASSSOURCELOAD  "MsSrc1"  "LL50"  0.5
  MASSSOURCELOAD  "MsSrc1"  "LL100"  1

$ GENERALIZED DISPLACEMENTS

$ LOAD CASES
  LOADCASE "Modal"  TYPE  "Modal - Eigen"  INITCOND  "PRESET"
  LOADCASE "Modal"  MAXMODES  25 MINMODES  25 EIGENSHIFTFREQ  0 EIGENCUTOFF  0 EIGENTOL  1E-07
  LOADCASE "DL"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "DL"  LOADPAT  "DL"  SF  1
  LOADCASE "DLW"  LOADPAT  "DLW"  SF  1
  LOADCASE "LL"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "LL"  LOADPAT  "LL"  SF  1
  LOADCASE "LL"  LOADPAT  "LL25"  SF  1
  LOADCASE "LL"  LOADPAT  "LL50"  SF  1
  LOADCASE "LL"  LOADPAT  "LL100"  SF  1
  LOADCASE "LL"  LOADPAT  "LLW"  SF  1
  LOADCASE "EQXP"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "EQXP"  LOADPAT  "EQXP"  SF  1
  LOADCASE "EQYP"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "EQYP"  LOADPAT  "EQYP"  SF  1
  LOADCASE "EQXN"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "EQXN"  LOADPAT  "EQXN"  SF  1
  LOADCASE "EQYN"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "EQYN"  LOADPAT  "EQYN"  SF  1
  LOADCASE "WLXP"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "WLXP"  LOADPAT  "WLXP"  SF  1
  LOADCASE "WLXN"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "WLXN"  LOADPAT  "WLXN"  SF  1
  LOADCASE "WLYP"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "WLYP"  LOADPAT  "WLYP"  SF  1
  LOADCASE "WLYN"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "WLYN"  LOADPAT  "WLYN"  SF  1
  LOADCASE "ULM"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "DLM"  LOADPAT  "DLM"  SF  1
  LOADCASE "LLM"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "LLM"  LOADPAT  "LLM"  SF  1

$ LOAD COMBINATIONS
  COMBO "EQZ"  TYPE "Linear Add"
  COMBO "EQZ"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "EQZ"  LOADCASE "DL"  SF 0.3
  COMBO "LSS101"  TYPE "Linear Add"
  COMBO "LSS101"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS101"  LOADCASE "DL"  SF 1.4
  COMBO "LSS102"  TYPE "Linear Add"
  COMBO "LSS102"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS102"  LOADCASE "DL"  SF 1.2
  COMBO "LSS102"  LOADCASE "LL"  SF 1.6
  COMBO "LSS111P"  TYPE "Linear Add"
  COMBO "LSS111P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS111P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS111P"  LOADCASE "LL"  SF 1
  COMBO "LSS111P"  LOADCASE "EQXP"  SF 1
  COMBO "LSS111P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS112P"  TYPE "Linear Add"
  COMBO "LSS112P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS112P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS112P"  LOADCASE "LL"  SF 1
  COMBO "LSS112P"  LOADCASE "EQXP"  SF 1
  COMBO "LSS112P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS113P"  TYPE "Linear Add"
  COMBO "LSS113P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS113P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS113P"  LOADCASE "LL"  SF 1
  COMBO "LSS113P"  LOADCASE "EQXP"  SF -1
  COMBO "LSS113P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS114P"  TYPE "Linear Add"
  COMBO "LSS114P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS114P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS114P"  LOADCASE "LL"  SF 1
  COMBO "LSS114P"  LOADCASE "EQXP"  SF -1
  COMBO "LSS114P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS121P"  TYPE "Linear Add"
  COMBO "LSS121P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS121P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS121P"  LOADCASE "LL"  SF 1
  COMBO "LSS121P"  LOADCASE "EQXP"  SF 0.3
  COMBO "LSS121P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS122P"  TYPE "Linear Add"
  COMBO "LSS122P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS122P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS122P"  LOADCASE "LL"  SF 1
  COMBO "LSS122P"  LOADCASE "EQXP"  SF 0.3
  COMBO "LSS122P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS123P"  TYPE "Linear Add"
  COMBO "LSS123P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS123P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS123P"  LOADCASE "LL"  SF 1
  COMBO "LSS123P"  LOADCASE "EQXP"  SF -0.3
  COMBO "LSS123P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS124P"  TYPE "Linear Add"
  COMBO "LSS124P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS124P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS124P"  LOADCASE "LL"  SF 1
  COMBO "LSS124P"  LOADCASE "EQXP"  SF -0.3
  COMBO "LSS124P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS131P"  TYPE "Linear Add"
  COMBO "LSS131P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS131P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS131P"  LOADCASE "EQXP"  SF 1
  COMBO "LSS131P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS132P"  TYPE "Linear Add"
  COMBO "LSS132P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS132P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS132P"  LOADCASE "EQXP"  SF -1
  COMBO "LSS132P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS133P"  TYPE "Linear Add"
  COMBO "LSS133P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS133P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS133P"  LOADCASE "EQXP"  SF -1
  COMBO "LSS133P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS134P"  TYPE "Linear Add"
  COMBO "LSS134P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS134P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS134P"  LOADCASE "EQXP"  SF -1
  COMBO "LSS134P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS141P"  TYPE "Linear Add"
  COMBO "LSS141P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS141P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS141P"  LOADCASE "EQXP"  SF 0.3
  COMBO "LSS141P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS142P"  TYPE "Linear Add"
  COMBO "LSS142P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS142P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS142P"  LOADCASE "EQXP"  SF 0.3
  COMBO "LSS142P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS143P"  TYPE "Linear Add"
  COMBO "LSS143P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS143P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS143P"  LOADCASE "EQXP"  SF -0.3
  COMBO "LSS143P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS144P"  TYPE "Linear Add"
  COMBO "LSS144P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS144P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS144P"  LOADCASE "EQXP"  SF -0.3
  COMBO "LSS144P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS211P"  TYPE "Linear Add"
  COMBO "LSS211P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS211P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS211P"  LOADCASE "LL"  SF 1
  COMBO "LSS211P"  LOADCASE "EQYP"  SF 1
  COMBO "LSS211P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS212P"  TYPE "Linear Add"
  COMBO "LSS212P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS212P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS212P"  LOADCASE "LL"  SF 1
  COMBO "LSS212P"  LOADCASE "EQYP"  SF 1
  COMBO "LSS212P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS213P"  TYPE "Linear Add"
  COMBO "LSS213P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS213P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS213P"  LOADCASE "LL"  SF 1
  COMBO "LSS213P"  LOADCASE "EQYP"  SF -1
  COMBO "LSS213P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS214P"  TYPE "Linear Add"
  COMBO "LSS214P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS214P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS214P"  LOADCASE "LL"  SF 1
  COMBO "LSS214P"  LOADCASE "EQYP"  SF -1
  COMBO "LSS214P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS221P"  TYPE "Linear Add"
  COMBO "LSS221P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS221P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS221P"  LOADCASE "LL"  SF 1
  COMBO "LSS221P"  LOADCASE "EQYP"  SF 0.3
  COMBO "LSS221P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS222P"  TYPE "Linear Add"
  COMBO "LSS222P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS222P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS222P"  LOADCASE "LL"  SF 1
  COMBO "LSS222P"  LOADCASE "EQYP"  SF 0.3
  COMBO "LSS222P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS223P"  TYPE "Linear Add"
  COMBO "LSS223P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS223P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS223P"  LOADCASE "LL"  SF 1
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COMBO "LSS223P"  LOADCASE "EQYP"  SF -0.3
COMBO "LSS223P"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS224P"  TYPE "Linear Add"
COMBO "LSS224P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS224P"  LOADCASE "DL"  SF 1.2
COMBO "LSS224P"  LOADCASE "LL"  SF 1
COMBO "LSS224P"  LOADCASE "EQYP"  SF -0.3
COMBO "LSS224P"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS231P"  TYPE "Linear Add"
COMBO "LSS231P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS231P"  LOADCASE "DL"  SF 0.9
COMBO "LSS231P"  LOADCASE "EQYP"  SF 1
COMBO "LSS231P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS232P"  TYPE "Linear Add"
COMBO "LSS232P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS232P"  LOADCASE "DL"  SF 0.9
COMBO "LSS232P"  LOADCASE "EQYP"  SF 1
COMBO "LSS232P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS233P"  TYPE "Linear Add"
COMBO "LSS233P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS233P"  LOADCASE "DL"  SF 0.9
COMBO "LSS233P"  LOADCASE "EQYP"  SF -1
COMBO "LSS233P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS234P"  TYPE "Linear Add"
COMBO "LSS234P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS234P"  LOADCASE "DL"  SF 0.9
COMBO "LSS234P"  LOADCASE "EQYP"  SF -1
COMBO "LSS234P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS241P"  TYPE "Linear Add"
COMBO "LSS241P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS241P"  LOADCASE "DL"  SF 0.9
COMBO "LSS241P"  LOADCASE "EQYP"  SF 0.3
COMBO "LSS241P"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS242P"  TYPE "Linear Add"
COMBO "LSS242P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS242P"  LOADCASE "DL"  SF 0.9
COMBO "LSS242P"  LOADCASE "EQYP"  SF 0.3
COMBO "LSS242P"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS243P"  TYPE "Linear Add"
COMBO "LSS243P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS243P"  LOADCASE "DL"  SF 0.9
COMBO "LSS243P"  LOADCASE "EQYP"  SF -0.3
COMBO "LSS243P"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS244P"  TYPE "Linear Add"
COMBO "LSS244P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS244P"  LOADCASE "DL"  SF 0.9
COMBO "LSS244P"  LOADCASE "EQYP"  SF -0.3
COMBO "LSS244P"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS111M"  TYPE "Linear Add"
COMBO "LSS111M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS111M"  LOADCASE "DL"  SF 1.2
COMBO "LSS111M"  LOADCASE "LL"  SF 1
COMBO "LSS111M"  LOADCASE "EQXM"  SF 1
COMBO "LSS111M"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS112M"  TYPE "Linear Add"
COMBO "LSS112M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS112M"  LOADCASE "DL"  SF 1.2
COMBO "LSS112M"  LOADCASE "LL"  SF 1
COMBO "LSS112M"  LOADCASE "EQXM"  SF 1
COMBO "LSS112M"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS113M"  TYPE "Linear Add"
COMBO "LSS113M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS113M"  LOADCASE "DL"  SF 1.2
COMBO "LSS113M"  LOADCASE "LL"  SF 1
COMBO "LSS113M"  LOADCASE "EQXM"  SF -1
COMBO "LSS113M"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS114M"  TYPE "Linear Add"
COMBO "LSS114M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS114M"  LOADCASE "DL"  SF 1.2
COMBO "LSS114M"  LOADCASE "LL"  SF 1
COMBO "LSS114M"  LOADCASE "EQXM"  SF -1
COMBO "LSS114M"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS121M"  TYPE "Linear Add"
COMBO "LSS121M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS121M"  LOADCASE "DL"  SF 1.2
COMBO "LSS121M"  LOADCASE "LL"  SF 1
COMBO "LSS121M"  LOADCASE "EQXM"  SF 0.3
COMBO "LSS121M"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS122M"  TYPE "Linear Add"
COMBO "LSS122M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS122M"  LOADCASE "DL"  SF 1.2
COMBO "LSS122M"  LOADCASE "LL"  SF 1
COMBO "LSS122M"  LOADCASE "EQXM"  SF 0.3
COMBO "LSS122M"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS123M"  TYPE "Linear Add"
COMBO "LSS123M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS123M"  LOADCASE "DL"  SF 1.2
COMBO "LSS123M"  LOADCASE "LL"  SF 1
COMBO "LSS123M"  LOADCASE "EQXM"  SF -0.3
COMBO "LSS123M"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS124M"  TYPE "Linear Add"
COMBO "LSS124M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS124M"  LOADCASE "DL"  SF 1.2
COMBO "LSS124M"  LOADCASE "LL"  SF 1
COMBO "LSS124M"  LOADCASE "EQXM"  SF -0.3
COMBO "LSS124M"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS131M"  TYPE "Linear Add"
COMBO "LSS131M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS131M"  LOADCASE "DL"  SF 0.9
COMBO "LSS131M"  LOADCASE "EQXM"  SF 1
COMBO "LSS131M"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS132M"  TYPE "Linear Add"
COMBO "LSS132M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS132M"  LOADCASE "DL"  SF 0.9
COMBO "LSS132M"  LOADCASE "EQXM"  SF 1
COMBO "LSS132M"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS133M"  TYPE "Linear Add"
COMBO "LSS133M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS133M"  LOADCASE "DL"  SF 0.9
COMBO "LSS133M"  LOADCASE "EQXM"  SF -1
COMBO "LSS133M"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS134M"  TYPE "Linear Add"
COMBO "LSS134M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS134M"  LOADCASE "DL"  SF 0.9
COMBO "LSS134M"  LOADCASE "EQXM"  SF -1
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COMBO "LSS134M"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS141M"  TYPE "Linear Add"
COMBO "LSS141M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS141M"  LOADCASE "DL"  SF 0.9
COMBO "LSS141M"  LOADCASE "EQXM"  SF 0.3
COMBO "LSS141M"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS142M"  TYPE "Linear Add"
COMBO "LSS142M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS142M"  LOADCASE "DL"  SF 0.9
COMBO "LSS142M"  LOADCASE "EQXM"  SF 0.3
COMBO "LSS142M"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS143M"  TYPE "Linear Add"
COMBO "LSS143M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS143M"  LOADCASE "DL"  SF 0.9
COMBO "LSS143M"  LOADCASE "EQXM"  SF -0.3
COMBO "LSS143M"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS144M"  TYPE "Linear Add"
COMBO "LSS144M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS144M"  LOADCASE "DL"  SF 0.9
COMBO "LSS144M"  LOADCASE "EQXM"  SF -0.3
COMBO "LSS144M"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS211M"  TYPE "Linear Add"
COMBO "LSS211M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS211M"  LOADCASE "DL"  SF 1.2
COMBO "LSS211M"  LOADCASE "LL"  SF 1
COMBO "LSS211M"  LOADCASE "EQYM"  SF 1
COMBO "LSS211M"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS212M"  TYPE "Linear Add"
COMBO "LSS212M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS212M"  LOADCASE "DL"  SF 1.2
COMBO "LSS212M"  LOADCASE "LL"  SF 1
COMBO "LSS212M"  LOADCASE "EQYM"  SF 1
COMBO "LSS212M"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS213M"  TYPE "Linear Add"
COMBO "LSS213M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS213M"  LOADCASE "DL"  SF 1.2
COMBO "LSS213M"  LOADCASE "LL"  SF 1
COMBO "LSS213M"  LOADCASE "EQYM"  SF -1
COMBO "LSS213M"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS214M"  TYPE "Linear Add"
COMBO "LSS214M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS214M"  LOADCASE "DL"  SF 1.2
COMBO "LSS214M"  LOADCASE "LL"  SF 1
COMBO "LSS214M"  LOADCASE "EQYM"  SF -1
COMBO "LSS214M"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS221M"  TYPE "Linear Add"
COMBO "LSS221M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS221M"  LOADCASE "DL"  SF 1.2
COMBO "LSS221M"  LOADCASE "LL"  SF 1
COMBO "LSS221M"  LOADCASE "EQYM"  SF 0.3
COMBO "LSS221M"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS222M"  TYPE "Linear Add"
COMBO "LSS222M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS222M"  LOADCASE "DL"  SF 1.2
COMBO "LSS222M"  LOADCASE "LL"  SF 1
COMBO "LSS222M"  LOADCASE "EQYM"  SF 0.3
COMBO "LSS222M"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS223M"  TYPE "Linear Add"
COMBO "LSS223M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS223M"  LOADCASE "DL"  SF 1.2
COMBO "LSS223M"  LOADCASE "LL"  SF 1
COMBO "LSS223M"  LOADCASE "EQYM"  SF -0.3
COMBO "LSS223M"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS224M"  TYPE "Linear Add"
COMBO "LSS224M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS224M"  LOADCASE "DL"  SF 1.2
COMBO "LSS224M"  LOADCASE "LL"  SF 1
COMBO "LSS224M"  LOADCASE "EQYM"  SF -0.3
COMBO "LSS224M"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS231M"  TYPE "Linear Add"
COMBO "LSS231M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS231M"  LOADCASE "DL"  SF 0.9
COMBO "LSS231M"  LOADCASE "EQYM"  SF 1
COMBO "LSS231M"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS232M"  TYPE "Linear Add"
COMBO "LSS232M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS232M"  LOADCASE "DL"  SF 0.9
COMBO "LSS232M"  LOADCASE "EQYM"  SF 1
COMBO "LSS232M"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS233M"  TYPE "Linear Add"
COMBO "LSS233M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS233M"  LOADCASE "DL"  SF 0.9
COMBO "LSS233M"  LOADCASE "EQYM"  SF -1
COMBO "LSS233M"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS234M"  TYPE "Linear Add"
COMBO "LSS234M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS234M"  LOADCASE "DL"  SF 0.9
COMBO "LSS234M"  LOADCASE "EQYM"  SF -1
COMBO "LSS234M"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS241M"  TYPE "Linear Add"
COMBO "LSS241M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS241M"  LOADCASE "DL"  SF 0.9
COMBO "LSS241M"  LOADCASE "EQYM"  SF 0.3
COMBO "LSS241M"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS242M"  TYPE "Linear Add"
COMBO "LSS242M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS242M"  LOADCASE "DL"  SF 0.9
COMBO "LSS242M"  LOADCASE "EQYM"  SF 0.3
COMBO "LSS242M"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS243M"  TYPE "Linear Add"
COMBO "LSS243M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS243M"  LOADCASE "DL"  SF 0.9
COMBO "LSS243M"  LOADCASE "EQYM"  SF -0.3
COMBO "LSS243M"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS244M"  TYPE "Linear Add"
COMBO "LSS244M"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS244M"  LOADCASE "DL"  SF 0.9
COMBO "LSS244M"  LOADCASE "EQYM"  SF -0.3
COMBO "LSS244M"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS311"  TYPE "Linear Add"
COMBO "LSS311"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS311"  LOADCASE "DL"  SF 1.2
COMBO "LSS311"  LOADCASE "LL"  SF 1
COMBO "LSS311"  LOADCASE "WLXP"  SF 1.6
COMBO "LSS312"  TYPE "Linear Add"
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COMBO "LSS312"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS312"  LOADCASE "DL"  SF 1.2
COMBO "LSS312"  LOADCASE "LL"  SF 1
COMBO "LSS312"  LOADCASE "WLXM"  SF 1.6
COMBO "LSS321"  TYPE "Linear Add"
COMBO "LSS321"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS321"  LOADCASE "DL"  SF 0.9
COMBO "LSS321"  LOADCASE "WLXM"  SF 1.6
COMBO "LSS322"  TYPE "Linear Add"
COMBO "LSS322"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS322"  LOADCASE "DL"  SF 0.9
COMBO "LSS322"  LOADCASE "WLXM"  SF 1.6
COMBO "LSS411"  TYPE "Linear Add"
COMBO "LSS411"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS411"  LOADCASE "DL"  SF 1.2
COMBO "LSS411"  LOADCASE "LL"  SF 1
COMBO "LSS411"  LOADCASE "WLYP"  SF 1.6
COMBO "LSS412"  TYPE "Linear Add"
COMBO "LSS412"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS412"  LOADCASE "DL"  SF 1.2
COMBO "LSS412"  LOADCASE "LL"  SF 1
COMBO "LSS412"  LOADCASE "WLYM"  SF 1.6
COMBO "LSS421"  TYPE "Linear Add"
COMBO "LSS421"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS421"  LOADCASE "DL"  SF 0.9
COMBO "LSS421"  LOADCASE "WLYP"  SF 1.6
COMBO "LSS422"  TYPE "Linear Add"
COMBO "LSS422"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS422"  LOADCASE "DL"  SF 0.9
COMBO "LSS422"  LOADCASE "WLYM"  SF 1.6
COMBO "NRC101"  TYPE "Linear Add"
COMBO "NRC101"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC101"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC101"  LOADCASE "DL"  SF 1.4
COMBO "NRC102"  TYPE "Linear Add"
COMBO "NRC102"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC102"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC102"  LOADCASE "DL"  SF 1.2
COMBO "NRC102"  LOADCASE "LL"  SF 1.6
COMBO "NRC111P"  TYPE "Linear Add"
COMBO "NRC111P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC111P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC111P"  LOADCASE "DL"  SF 1.2
COMBO "NRC111P"  LOADCASE "LL"  SF 1
COMBO "NRC111P"  LOADCASE "EQXP"  SF 1
COMBO "NRC111P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC112P"  TYPE "Linear Add"
COMBO "NRC112P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC112P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC112P"  LOADCASE "DL"  SF 1.2
COMBO "NRC112P"  LOADCASE "LL"  SF 1
COMBO "NRC112P"  LOADCASE "EQXP"  SF 1
COMBO "NRC112P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC113P"  TYPE "Linear Add"
COMBO "NRC113P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC113P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC113P"  LOADCASE "DL"  SF 1.2
COMBO "NRC113P"  LOADCASE "LL"  SF 1
COMBO "NRC113P"  LOADCASE "EQXP"  SF -1
COMBO "NRC113P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC114P"  TYPE "Linear Add"
COMBO "NRC114P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC114P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC114P"  LOADCASE "DL"  SF 1.2
COMBO "NRC114P"  LOADCASE "LL"  SF 1
COMBO "NRC114P"  LOADCASE "EQXP"  SF -1
COMBO "NRC114P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC121P"  TYPE "Linear Add"
COMBO "NRC121P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC121P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC121P"  LOADCASE "DL"  SF 1.2
COMBO "NRC121P"  LOADCASE "LL"  SF 1
COMBO "NRC121P"  LOADCASE "EQXP"  SF 0.3
COMBO "NRC121P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC122P"  TYPE "Linear Add"
COMBO "NRC122P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC122P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC122P"  LOADCASE "DL"  SF 1.2
COMBO "NRC122P"  LOADCASE "LL"  SF 1
COMBO "NRC122P"  LOADCASE "EQXP"  SF 0.3
COMBO "NRC122P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC123P"  TYPE "Linear Add"
COMBO "NRC123P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC123P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC123P"  LOADCASE "DL"  SF 1.2
COMBO "NRC123P"  LOADCASE "LL"  SF 1
COMBO "NRC123P"  LOADCASE "EQXP"  SF -0.3
COMBO "NRC123P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC124P"  TYPE "Linear Add"
COMBO "NRC124P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC124P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC124P"  LOADCASE "DL"  SF 1.2
COMBO "NRC124P"  LOADCASE "LL"  SF 1
COMBO "NRC124P"  LOADCASE "EQXP"  SF -0.3
COMBO "NRC124P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC131P"  TYPE "Linear Add"
COMBO "NRC131P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC131P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC131P"  LOADCASE "DL"  SF 0.9
COMBO "NRC131P"  LOADCASE "EQXP"  SF 1
COMBO "NRC131P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC132P"  TYPE "Linear Add"
COMBO "NRC132P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC132P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC132P"  LOADCASE "DL"  SF 0.9
COMBO "NRC132P"  LOADCASE "EQXP"  SF 1
COMBO "NRC132P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC133P"  TYPE "Linear Add"
COMBO "NRC133P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC133P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC133P"  LOADCASE "DL"  SF 0.9
COMBO "NRC133P"  LOADCASE "EQXP"  SF -1
COMBO "NRC133P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC134P"  TYPE "Linear Add"
COMBO "NRC134P"  DESIGN "Concrete"  COMBOTYPE "Strength"
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COMBO "NRC134P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC134P"  LOADCASE "DL"  SF 0.9
COMBO "NRC134P"  LOADCASE "EQXP"  SF -1
COMBO "NRC134P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC141P"  TYPE "Linear Add"
COMBO "NRC141P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC141P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC141P"  LOADCASE "DL"  SF 0.9
COMBO "NRC141P"  LOADCASE "EQXP"  SF 0.3
COMBO "NRC141P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC142P"  TYPE "Linear Add"
COMBO "NRC142P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC142P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC142P"  LOADCASE "DL"  SF 0.9
COMBO "NRC142P"  LOADCASE "EQXP"  SF 0.3
COMBO "NRC142P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC143P"  TYPE "Linear Add"
COMBO "NRC143P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC143P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC143P"  LOADCASE "DL"  SF 0.9
COMBO "NRC143P"  LOADCASE "EQXP"  SF -0.3
COMBO "NRC143P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC144P"  TYPE "Linear Add"
COMBO "NRC144P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC144P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC144P"  LOADCASE "DL"  SF 0.9
COMBO "NRC144P"  LOADCASE "EQXP"  SF -0.3
COMBO "NRC144P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC211P"  TYPE "Linear Add"
COMBO "NRC211P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC211P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC211P"  LOADCASE "DL"  SF 1.2
COMBO "NRC211P"  LOADCASE "LL"  SF 1
COMBO "NRC211P"  LOADCASE "EQYP"  SF 1
COMBO "NRC211P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC212P"  TYPE "Linear Add"
COMBO "NRC212P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC212P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC212P"  LOADCASE "DL"  SF 1.2
COMBO "NRC212P"  LOADCASE "LL"  SF 1
COMBO "NRC212P"  LOADCASE "EQYP"  SF 1
COMBO "NRC212P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC213P"  TYPE "Linear Add"
COMBO "NRC213P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC213P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC213P"  LOADCASE "DL"  SF 1.2
COMBO "NRC213P"  LOADCASE "LL"  SF 1
COMBO "NRC213P"  LOADCASE "EQYP"  SF -1
COMBO "NRC213P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC214P"  TYPE "Linear Add"
COMBO "NRC214P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC214P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC214P"  LOADCASE "DL"  SF 1.2
COMBO "NRC214P"  LOADCASE "LL"  SF 1
COMBO "NRC214P"  LOADCASE "EQYP"  SF -1
COMBO "NRC214P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC221P"  TYPE "Linear Add"
COMBO "NRC221P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC221P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC221P"  LOADCASE "DL"  SF 1.2
COMBO "NRC221P"  LOADCASE "LL"  SF 1
COMBO "NRC221P"  LOADCASE "EQYP"  SF 0.3
COMBO "NRC221P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC222P"  TYPE "Linear Add"
COMBO "NRC222P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC222P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC222P"  LOADCASE "DL"  SF 1.2
COMBO "NRC222P"  LOADCASE "LL"  SF 1
COMBO "NRC222P"  LOADCASE "EQYP"  SF 0.3
COMBO "NRC222P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC223P"  TYPE "Linear Add"
COMBO "NRC223P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC223P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC223P"  LOADCASE "DL"  SF 1.2
COMBO "NRC223P"  LOADCASE "LL"  SF 1
COMBO "NRC223P"  LOADCASE "EQYP"  SF -0.3
COMBO "NRC223P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC224P"  TYPE "Linear Add"
COMBO "NRC224P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC224P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC224P"  LOADCASE "DL"  SF 1.2
COMBO "NRC224P"  LOADCASE "LL"  SF 1
COMBO "NRC224P"  LOADCASE "EQYP"  SF -0.3
COMBO "NRC224P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC231P"  TYPE "Linear Add"
COMBO "NRC231P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC231P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC231P"  LOADCASE "DL"  SF 0.9
COMBO "NRC231P"  LOADCASE "EQYP"  SF 1
COMBO "NRC231P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC232P"  TYPE "Linear Add"
COMBO "NRC232P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC232P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC232P"  LOADCASE "DL"  SF 0.9
COMBO "NRC232P"  LOADCASE "EQYP"  SF 1
COMBO "NRC232P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC233P"  TYPE "Linear Add"
COMBO "NRC233P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC233P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC233P"  LOADCASE "DL"  SF 0.9
COMBO "NRC233P"  LOADCASE "EQYP"  SF -1
COMBO "NRC233P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC234P"  TYPE "Linear Add"
COMBO "NRC234P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC234P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC234P"  LOADCASE "DL"  SF 0.9
COMBO "NRC234P"  LOADCASE "EQYP"  SF -1
COMBO "NRC234P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC241P"  TYPE "Linear Add"
COMBO "NRC241P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC241P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC241P"  LOADCASE "DL"  SF 0.9
COMBO "NRC241P"  LOADCASE "EQYP"  SF 0.3
COMBO "NRC241P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC242P"  TYPE "Linear Add"
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COMBO "NRC242P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC242P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC242P"  LOADCASE "DL"  SF 0.9
COMBO "NRC242P"  LOADCASE "EQYP"  SF 0.3
COMBO "NRC242P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC243P"  TYPE "Linear Add"
COMBO "NRC243P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC243P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC243P"  LOADCASE "DL"  SF 0.9
COMBO "NRC243P"  LOADCASE "EQYP"  SF -0.3
COMBO "NRC243P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC244P"  TYPE "Linear Add"
COMBO "NRC244P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC244P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC244P"  LOADCASE "DL"  SF 0.9
COMBO "NRC244P"  LOADCASE "EQYP"  SF -0.3
COMBO "NRC244P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC111N"  TYPE "Linear Add"
COMBO "NRC111N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC111N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC111N"  LOADCASE "DL"  SF 1.2
COMBO "NRC111N"  LOADCASE "LL"  SF 1
COMBO "NRC111N"  LOADCASE "EQXN"  SF 1
COMBO "NRC111N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC112N"  TYPE "Linear Add"
COMBO "NRC112N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC112N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC112N"  LOADCASE "DL"  SF 1.2
COMBO "NRC112N"  LOADCASE "LL"  SF 1
COMBO "NRC112N"  LOADCASE "EQXN"  SF 1
COMBO "NRC112N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC113N"  TYPE "Linear Add"
COMBO "NRC113N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC113N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC113N"  LOADCASE "DL"  SF 1.2
COMBO "NRC113N"  LOADCASE "LL"  SF 1
COMBO "NRC113N"  LOADCASE "EQXN"  SF -1
COMBO "NRC113N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC114N"  TYPE "Linear Add"
COMBO "NRC114N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC114N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC114N"  LOADCASE "DL"  SF 1.2
COMBO "NRC114N"  LOADCASE "LL"  SF 1
COMBO "NRC114N"  LOADCASE "EQXN"  SF -1
COMBO "NRC114N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC121N"  TYPE "Linear Add"
COMBO "NRC121N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC121N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC121N"  LOADCASE "DL"  SF 1.2
COMBO "NRC121N"  LOADCASE "LL"  SF 1
COMBO "NRC121N"  LOADCASE "EQXN"  SF 0.3
COMBO "NRC121N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC122N"  TYPE "Linear Add"
COMBO "NRC122N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC122N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC122N"  LOADCASE "DL"  SF 1.2
COMBO "NRC122N"  LOADCASE "LL"  SF 1
COMBO "NRC122N"  LOADCASE "EQXN"  SF 0.3
COMBO "NRC122N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC123N"  TYPE "Linear Add"
COMBO "NRC123N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC123N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC123N"  LOADCASE "DL"  SF 1.2
COMBO "NRC123N"  LOADCASE "LL"  SF 1
COMBO "NRC123N"  LOADCASE "EQXN"  SF -0.3
COMBO "NRC123N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC124N"  TYPE "Linear Add"
COMBO "NRC124N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC124N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC124N"  LOADCASE "DL"  SF 1.2
COMBO "NRC124N"  LOADCASE "LL"  SF 1
COMBO "NRC124N"  LOADCASE "EQXN"  SF -0.3
COMBO "NRC124N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC131N"  TYPE "Linear Add"
COMBO "NRC131N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC131N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC131N"  LOADCASE "DL"  SF 0.9
COMBO "NRC131N"  LOADCASE "EQXN"  SF 1
COMBO "NRC131N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC132N"  TYPE "Linear Add"
COMBO "NRC132N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC132N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC132N"  LOADCASE "DL"  SF 0.9
COMBO "NRC132N"  LOADCASE "EQXN"  SF 1
COMBO "NRC132N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC133N"  TYPE "Linear Add"
COMBO "NRC133N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC133N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC133N"  LOADCASE "DL"  SF 0.9
COMBO "NRC133N"  LOADCASE "EQXN"  SF -1
COMBO "NRC133N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC134N"  TYPE "Linear Add"
COMBO "NRC134N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC134N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC134N"  LOADCASE "DL"  SF 0.9
COMBO "NRC134N"  LOADCASE "EQXN"  SF -1
COMBO "NRC134N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC141N"  TYPE "Linear Add"
COMBO "NRC141N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC141N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC141N"  LOADCASE "DL"  SF 0.9
COMBO "NRC141N"  LOADCASE "EQXN"  SF 0.3
COMBO "NRC141N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC142N"  TYPE "Linear Add"
COMBO "NRC142N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC142N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC142N"  LOADCASE "DL"  SF 0.9
COMBO "NRC142N"  LOADCASE "EQXN"  SF 0.3
COMBO "NRC142N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC143N"  TYPE "Linear Add"
COMBO "NRC143N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC143N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC143N"  LOADCASE "DL"  SF 0.9
COMBO "NRC143N"  LOADCASE "EQXN"  SF -0.3
COMBO "NRC143N"  LOADCOMBO "EQZ"  SF 1
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COMBO "NRC144N"  TYPE "Linear Add"
COMBO "NRC144N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC144N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC144N"  LOADCASE "DL"  SF 0.9
COMBO "NRC144N"  LOADCASE "EQXN"  SF -0.3
COMBO "NRC144N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC211N"  TYPE "Linear Add"
COMBO "NRC211N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC211N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC211N"  LOADCASE "DL"  SF 1.2
COMBO "NRC211N"  LOADCASE "LL"  SF 1
COMBO "NRC211N"  LOADCASE "EQYN"  SF 1
COMBO "NRC211N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC212N"  TYPE "Linear Add"
COMBO "NRC212N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC212N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC212N"  LOADCASE "DL"  SF 1.2
COMBO "NRC212N"  LOADCASE "LL"  SF 1
COMBO "NRC212N"  LOADCASE "EQYN"  SF 1
COMBO "NRC212N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC213N"  TYPE "Linear Add"
COMBO "NRC213N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC213N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC213N"  LOADCASE "DL"  SF 1.2
COMBO "NRC213N"  LOADCASE "LL"  SF 1
COMBO "NRC213N"  LOADCASE "EQYN"  SF -1
COMBO "NRC213N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC214N"  TYPE "Linear Add"
COMBO "NRC214N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC214N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC214N"  LOADCASE "DL"  SF 1.2
COMBO "NRC214N"  LOADCASE "LL"  SF 1
COMBO "NRC214N"  LOADCASE "EQYN"  SF -1
COMBO "NRC214N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC221N"  TYPE "Linear Add"
COMBO "NRC221N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC221N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC221N"  LOADCASE "DL"  SF 1.2
COMBO "NRC221N"  LOADCASE "LL"  SF 1
COMBO "NRC221N"  LOADCASE "EQYN"  SF 0.3
COMBO "NRC221N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC222N"  TYPE "Linear Add"
COMBO "NRC222N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC222N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC222N"  LOADCASE "DL"  SF 1.2
COMBO "NRC222N"  LOADCASE "LL"  SF 1
COMBO "NRC222N"  LOADCASE "EQYN"  SF 0.3
COMBO "NRC222N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC223N"  TYPE "Linear Add"
COMBO "NRC223N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC223N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC223N"  LOADCASE "DL"  SF 1.2
COMBO "NRC223N"  LOADCASE "LL"  SF 1
COMBO "NRC223N"  LOADCASE "EQYN"  SF -0.3
COMBO "NRC223N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC224N"  TYPE "Linear Add"
COMBO "NRC224N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC224N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC224N"  LOADCASE "DL"  SF 1.2
COMBO "NRC224N"  LOADCASE "LL"  SF 1
COMBO "NRC224N"  LOADCASE "EQYN"  SF -0.3
COMBO "NRC224N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC231N"  TYPE "Linear Add"
COMBO "NRC231N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC231N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC231N"  LOADCASE "DL"  SF 0.9
COMBO "NRC231N"  LOADCASE "EQYN"  SF 1
COMBO "NRC231N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC232N"  TYPE "Linear Add"
COMBO "NRC232N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC232N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC232N"  LOADCASE "DL"  SF 0.9
COMBO "NRC232N"  LOADCASE "EQYN"  SF 1
COMBO "NRC232N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC233N"  TYPE "Linear Add"
COMBO "NRC233N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC233N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC233N"  LOADCASE "DL"  SF 0.9
COMBO "NRC233N"  LOADCASE "EQYN"  SF -1
COMBO "NRC233N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC234N"  TYPE "Linear Add"
COMBO "NRC234N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC234N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC234N"  LOADCASE "DL"  SF 0.9
COMBO "NRC234N"  LOADCASE "EQYN"  SF -1
COMBO "NRC234N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC241N"  TYPE "Linear Add"
COMBO "NRC241N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC241N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC241N"  LOADCASE "DL"  SF 0.9
COMBO "NRC241N"  LOADCASE "EQYN"  SF 0.3
COMBO "NRC241N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC242N"  TYPE "Linear Add"
COMBO "NRC242N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC242N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC242N"  LOADCASE "DL"  SF 0.9
COMBO "NRC242N"  LOADCASE "EQYN"  SF 0.3
COMBO "NRC242N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC243N"  TYPE "Linear Add"
COMBO "NRC243N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC243N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC243N"  LOADCASE "DL"  SF 0.9
COMBO "NRC243N"  LOADCASE "EQYN"  SF -0.3
COMBO "NRC243N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC244N"  TYPE "Linear Add"
COMBO "NRC244N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC244N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC244N"  LOADCASE "DL"  SF 0.9
COMBO "NRC244N"  LOADCASE "EQYN"  SF -0.3
COMBO "NRC244N"  LOADCOMBO "EQZ"  SF -1
COMBO "DWRC111P"  TYPE "Linear Add"
COMBO "DWRC111P"  LOADCASE "DL"  SF 1.2
COMBO "DWRC111P"  LOADCASE "LL"  SF 1
COMBO "DWRC111P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DWRC112P"  TYPE "Linear Add"
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COMBO "DNRC112P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC112P"  LOADCASE "LL"  SF 1
COMBO "DNRC112P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC113P"  TYPE "Linear Add"
COMBO "DNRC113P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC113P"  LOADCASE "LL"  SF 1
COMBO "DNRC113P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC114P"  TYPE "Linear Add"
COMBO "DNRC114P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC114P"  LOADCASE "LL"  SF 1
COMBO "DNRC114P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC121P"  TYPE "Linear Add"
COMBO "DNRC121P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC121P"  LOADCASE "LL"  SF 1
COMBO "DNRC121P"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC122P"  TYPE "Linear Add"
COMBO "DNRC122P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC122P"  LOADCASE "LL"  SF 1
COMBO "DNRC122P"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC123P"  TYPE "Linear Add"
COMBO "DNRC123P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC123P"  LOADCASE "LL"  SF 1
COMBO "DNRC123P"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC124P"  TYPE "Linear Add"
COMBO "DNRC124P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC124P"  LOADCASE "LL"  SF 1
COMBO "DNRC124P"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC131P"  TYPE "Linear Add"
COMBO "DNRC131P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC131P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC132P"  TYPE "Linear Add"
COMBO "DNRC132P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC132P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC133P"  TYPE "Linear Add"
COMBO "DNRC133P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC133P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC134P"  TYPE "Linear Add"
COMBO "DNRC134P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC134P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC141P"  TYPE "Linear Add"
COMBO "DNRC141P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC141P"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC142P"  TYPE "Linear Add"
COMBO "DNRC142P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC142P"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC143P"  TYPE "Linear Add"
COMBO "DNRC143P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC143P"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC144P"  TYPE "Linear Add"
COMBO "DNRC144P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC144P"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC211P"  TYPE "Linear Add"
COMBO "DNRC211P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC211P"  LOADCASE "LL"  SF 1
COMBO "DNRC211P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC212P"  TYPE "Linear Add"
COMBO "DNRC212P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC212P"  LOADCASE "LL"  SF 1
COMBO "DNRC212P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC213P"  TYPE "Linear Add"
COMBO "DNRC213P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC213P"  LOADCASE "LL"  SF 1
COMBO "DNRC213P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC214P"  TYPE "Linear Add"
COMBO "DNRC214P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC214P"  LOADCASE "LL"  SF 1
COMBO "DNRC214P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC221P"  TYPE "Linear Add"
COMBO "DNRC221P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC221P"  LOADCASE "LL"  SF 1
COMBO "DNRC221P"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC222P"  TYPE "Linear Add"
COMBO "DNRC222P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC222P"  LOADCASE "LL"  SF 1
COMBO "DNRC222P"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC223P"  TYPE "Linear Add"
COMBO "DNRC223P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC223P"  LOADCASE "LL"  SF 1
COMBO "DNRC223P"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC224P"  TYPE "Linear Add"
COMBO "DNRC224P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC224P"  LOADCASE "LL"  SF 1
COMBO "DNRC224P"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC231P"  TYPE "Linear Add"
COMBO "DNRC231P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC231P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC232P"  TYPE "Linear Add"
COMBO "DNRC232P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC232P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC233P"  TYPE "Linear Add"
COMBO "DNRC233P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC233P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC234P"  TYPE "Linear Add"
COMBO "DNRC234P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC234P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC241P"  TYPE "Linear Add"
COMBO "DNRC241P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC241P"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC242P"  TYPE "Linear Add"
COMBO "DNRC242P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC242P"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC243P"  TYPE "Linear Add"
COMBO "DNRC243P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC243P"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC244P"  TYPE "Linear Add"
COMBO "DNRC244P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC244P"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC111N"  TYPE "Linear Add"
COMBO "DNRC111N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC111N"  LOADCASE "LL"  SF 1
COMBO "DNRC111N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC112N"  TYPE "Linear Add"
COMBO "DNRC112N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC112N"  LOADCASE "LL"  SF 1
COMBO "DNRC112N"  LOADCOMBO "EQZ"  SF -0.3
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COMBO "DNRC113N"  TYPE "Linear Add"
COMBO "DNRC113N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC113N"  LOADCASE "LL"  SF 1
COMBO "DNRC113N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC114N"  TYPE "Linear Add"
COMBO "DNRC114N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC114N"  LOADCASE "LL"  SF 1
COMBO "DNRC114N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC121N"  TYPE "Linear Add"
COMBO "DNRC121N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC121N"  LOADCASE "LL"  SF 1
COMBO "DNRC121N"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC122N"  TYPE "Linear Add"
COMBO "DNRC122N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC122N"  LOADCASE "LL"  SF 1
COMBO "DNRC122N"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC123N"  TYPE "Linear Add"
COMBO "DNRC123N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC123N"  LOADCASE "LL"  SF 1
COMBO "DNRC123N"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC124N"  TYPE "Linear Add"
COMBO "DNRC124N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC124N"  LOADCASE "LL"  SF 1
COMBO "DNRC124N"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC131N"  TYPE "Linear Add"
COMBO "DNRC131N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC131N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC132N"  TYPE "Linear Add"
COMBO "DNRC132N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC132N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC133N"  TYPE "Linear Add"
COMBO "DNRC133N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC133N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC134N"  TYPE "Linear Add"
COMBO "DNRC134N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC134N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC141N"  TYPE "Linear Add"
COMBO "DNRC141N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC141N"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC142N"  TYPE "Linear Add"
COMBO "DNRC142N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC142N"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC143N"  TYPE "Linear Add"
COMBO "DNRC143N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC143N"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC144N"  TYPE "Linear Add"
COMBO "DNRC144N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC144N"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC211N"  TYPE "Linear Add"
COMBO "DNRC211N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC211N"  LOADCASE "LL"  SF 1
COMBO "DNRC211N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC212N"  TYPE "Linear Add"
COMBO "DNRC212N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC212N"  LOADCASE "LL"  SF 1
COMBO "DNRC212N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC213N"  TYPE "Linear Add"
COMBO "DNRC213N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC213N"  LOADCASE "LL"  SF 1
COMBO "DNRC213N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC214N"  TYPE "Linear Add"
COMBO "DNRC214N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC214N"  LOADCASE "LL"  SF 1
COMBO "DNRC214N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC221N"  TYPE "Linear Add"
COMBO "DNRC221N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC221N"  LOADCASE "LL"  SF 1
COMBO "DNRC221N"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC222N"  TYPE "Linear Add"
COMBO "DNRC222N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC222N"  LOADCASE "LL"  SF 1
COMBO "DNRC222N"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC223N"  TYPE "Linear Add"
COMBO "DNRC223N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC223N"  LOADCASE "LL"  SF 1
COMBO "DNRC223N"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC224N"  TYPE "Linear Add"
COMBO "DNRC224N"  LOADCASE "DL"  SF 1.2
COMBO "DNRC224N"  LOADCASE "LL"  SF 1
COMBO "DNRC224N"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC231N"  TYPE "Linear Add"
COMBO "DNRC231N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC231N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC232N"  TYPE "Linear Add"
COMBO "DNRC232N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC232N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC233N"  TYPE "Linear Add"
COMBO "DNRC233N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC233N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC234N"  TYPE "Linear Add"
COMBO "DNRC234N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC234N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC241N"  TYPE "Linear Add"
COMBO "DNRC241N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC241N"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC242N"  TYPE "Linear Add"
COMBO "DNRC242N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC242N"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC243N"  TYPE "Linear Add"
COMBO "DNRC243N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC243N"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC244N"  TYPE "Linear Add"
COMBO "DNRC244N"  LOADCASE "DL"  SF 0.9
COMBO "DNRC244N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSSD1"  TYPE "Linear Add"
COMBO "LSSD1"  DESIGN "Steel"  COMBOTYPE "Deflection"
COMBO "LSSD1"  LOADCASE "DL"  SF 1
COMBO "LSSD2"  TYPE "Linear Add"
COMBO "LSSD2"  DESIGN "Steel"  COMBOTYPE "Deflection"
COMBO "LSSD2"  LOADCASE "DL"  SF 1
COMBO "LSSD2"  LOADCASE "LL"  SF 1
COMBO "DWRCO"  TYPE "Envelope"
COMBO "DWRCO"  LOADCOMBO "NRC101"  SF 1
COMBO "DWRCO"  LOADCOMBO "NRC102"  SF 1
COMBO "DWRCO"  LOADCOMBO "DWRC111P"  SF 1
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  COMBO "DNRC0"  LOADCOMBO "DNRC112P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC113P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC114P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC121P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC122P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC123P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC124P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC131P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC132P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC133P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC134P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC141P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC142P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC143P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC144P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC211P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC212P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC213P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC214P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC221P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC222P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC223P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC224P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC231P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC232P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC233P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC234P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC241P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC242P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC243P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC244P"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC111N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC112N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC113N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC114N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC121N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC122N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC123N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC124N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC131N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC132N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC133N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC134N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC141N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC142N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC143N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC144N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC211N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC212N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC213N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC214N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC221N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC222N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC223N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC234N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC231N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC232N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC233N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC234N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC241N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC242N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC243N"  SF 1
  COMBO "DNRC0"  LOADCOMBO "DNRC244N"  SF 1
  COMBO "NRC0"  TYPE "Envelope"
  COMBO "NRC0"  LOADCOMBO "NRC101"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC102"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC111P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC112P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC113P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC114P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC121P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC122P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC123P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC124P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC131P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC132P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC133P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC134P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC141P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC142P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC143P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC144P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC211P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC212P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC213P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC214P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC221P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC222P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC223P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC224P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC231P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC232P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC233P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC234P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC241P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC242P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC243P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC244P"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC111N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC112N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC113N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC114N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC121N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC122N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC123N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC124N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC131N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC132N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC133N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC134N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC141N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC142N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC143N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC144N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC211N"  SF 1
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  COMBO "NRC0"  LOADCOMBO "NRC212N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC213N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC214N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC221N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC222N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC223N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC224N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC231N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC232N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC233N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC234N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC241N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC242N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC243N"  SF 1
  COMBO "NRC0"  LOADCOMBO "NRC244N"  SF 1

$ GENERAL DESIGN PREFERENCES
  GENERALPREFERENCE  STRUCTURALSYSTEM "FRAME ONLY"  STORYSTIFFNESSTYPE "STORY SHEAR/DISP"  OVERTURNTYPE "FROM STORY SHEAR"  GAMMA_0 1
GAMMA_1 1
  GENERALPREFERENCE  OVERSTRENGTHFACTOR 1.1 SEISMICPERFORMANCECLASS "NORMAL"  AUTOBEAMSTIFFEM "NO"  TALLBUILDING "NO"  TALLBUILDINGCLASS
"B"
  GENERALPREFERENCE  IRREGULARSTORYMODIFIER 1.25 DUALSYSTEMMAXSWF 2 SEISMICGROUP "I"

$ STEEL DESIGN PREFERENCES
  STEELPREFERENCE  CODE "AISC 360-05"  TLDESIGN "EVERYSTEP"  FRAMETYPE "IMF"
  STEELPREFERENCE  SDC "D"  IMPORTANCEFACTOR 1 SYSTEMRHO 1 SYSTEMSDS 1
  STEELPREFERENCE  SYSTEMR 8 OMEGA0 3 SYSTEMCD 5.5
  STEELPREFERENCE  PROVISION "LRFD"  ANALYSISMETHOD "DIRECT ANALYSIS"  SECONDORDERMETHOD "GENERAL 2ND ORDER"  STIFFNESSREDUCTIONMETHOD
"TAU-B FIXED"
  STEELPREFERENCE  PHIRAISC05 0.9 PHICAISC05 0.9 PHITYAISC05 0.9 PHITPAISC05 0.75
  STEELPREFERENCE  PHIVAISC05 0.9 PHIVROLLEDAISC05 1 PHITORSIONAISC05 0.9
  STEELPREFERENCE  IGNORESEISMICCODE "NO"  IGNORESPECIALSEISMICLOAD "NO"  ISDOUBLERPLATEPLUGWELDED "YES"
  STEELPREFERENCE  HSSWELDINGTYPE "ERW"  REDUCESSTHICKNESS "NO"
  STEELPREFERENCE  CONSIDERDEFLECTION "YES"
  STEELPREFERENCE  DLDEFLECTIONLIMIT 120 SLDEFLECTIONLIMIT 120 LLDEFLECTIONLIMIT 360 TLDEFLECTIONLIMIT 240 TLMODEFLECTIONLIMIT 240
  STEELPREFERENCE  PATTERNLLF 0.75 MAXITERATION 1 SRLIMIT 0.95

$ CONCRETE DESIGN PREFERENCES
  CONCRETEPREFERENCE  CODE "ACI 318-08" THDESIGN "EVERYSTEP"  CONSIDERMINECCENTRICITY "YES"  DESIGNPORBCCR "YES"
  CONCRETEPREFERENCE  IGNORESMEOFFICIALPUNBEAMDESIGN "NO"
  CONCRETEPREFERENCE  NUMINTERCURVES 24  NUMINTERPOINTS 11  PATTERNLLF 0.75  UPLIMIT 1
  CONCRETEPREFERENCE  SDC "D"  RHO 1  SDS 1
  CONCRETE2PREFERENCE  PHITENSIONCTRL 0.9  PHICOMPRESSIONCTRLTIED 0.65  PHICOMPRESSIONCTRLSPIRAL 0.7
  CONCRETEPREFERENCE  PHISHEARTORSION 0.75  PHISHEARSEISMIC 0.6  PHISHEARJOINT 0.85
  CONCRETEPREFERENCE  USESTRESS "NO"  IAITCONCRAT 0.8  LLFRACTION 0

$ CONCRETE DESIGN OVERWRITES
  CONCRETEDATA  "C1"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C2"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C3"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C4"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C5"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C41"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C42"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C43"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C44"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C45"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C46"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C12"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C13"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C14"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C15"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C16"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C47"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C48"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C49"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C50"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C51"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C52"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C23"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C24"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C25"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C26"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C27"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C28"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C54"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C55"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C56"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C57"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C58"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B1"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B1"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B2"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B2"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B3"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B3"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B4"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B4"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B5"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B5"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B166"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B166"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B216"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B216"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B220"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B220"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B221"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B221"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B222"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B222"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B223"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B223"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B12"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B12"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B13"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B13"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B14"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B14"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B15"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B15"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B16"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B16"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B17"  "B1F"  TYPE "ORDINARY"
  CONCRETEDATA  "B17"  "B1F"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B18"  "B1F"  TYPE "ORDINARY"
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CONCRETEDATA  "B18"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B19"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B19"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B20"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B20"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B21"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B21"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B22"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B22"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B23"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B23"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B24"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B24"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B25"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B25"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B26"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B26"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B27"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B27"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B228" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B229" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B229" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B230" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B231" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B231" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B232" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B232" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B233" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B233" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B234" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B234" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B236" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B235" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B236" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B236" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B237" "B1F"  TYPE "ORDINARY"
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CONCRETEDATA  "B238" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B238" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B239" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B239" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B240" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B240" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B241" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B241" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B242" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B242" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B243" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B243" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B244" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B244" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B245" "B1F"  TYPE "ORDINARY"
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CONCRETEDATA  "B246" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B246" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B247" "B1F"  TYPE "ORDINARY"
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CONCRETEDATA  "B249" "B1F"  CONSIDERTORSION "NO"
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CONCRETEDATA  "B66"  "B1F"  TYPE "ORDINARY"
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CONCRETEDATA  "B1"   "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B2"   "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B3"   "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B4"   "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B5"   "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B166" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B216" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B220" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B221" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B222" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B223" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B12"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B13"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B14"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B15"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B16"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B17"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B18"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B19"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B20"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B21"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B23"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B24"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B25"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B26"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B27"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B228" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B230" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B231" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B232" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B233" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B234" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B235" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B236" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B237" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B238" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B239" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B241" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B242" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B243" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B244" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B245" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B246" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B247" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B248" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B249" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B66"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B69"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B69"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B70"  "B1F"  TYPE "ORDINARY"
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CONCRETEDATA  "B70"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B71"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B71"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B72"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B72"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B250" "31F"  TYPE "ORDINARY"
CONCRETEDATA  "B250" "31F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B251" "31F"  TYPE "ORDINARY"
CONCRETEDATA  "B251" "31F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B252" "31F"  TYPE "ORDINARY"
CONCRETEDATA  "B252" "31F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B253" "31F"  TYPE "ORDINARY"
CONCRETEDATA  "B253" "31F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B254" "31F"  TYPE "ORDINARY"
CONCRETEDATA  "B254" "31F"  CONSIDERTORSION "NO"
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CONCRETEDATA  "B79"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B80"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B80"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B81"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B81"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B82"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B82"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B256" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B256" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B257" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B257" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B258" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B258" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B259" "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B259" "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "A69"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "A70"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "A71"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B251" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B252" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B253" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B254" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B79"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B80"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B81"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B82"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B256" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B257" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B258" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B259" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B329" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B330" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B170" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B175" "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B1"   "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B2"   "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B3"   "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B4"   "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B5"   "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B166" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B216" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B220" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B221" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B222" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B223" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B12"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B13"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B14"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B15"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B16"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B17"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B18"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B19"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B21"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B22"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B23"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B24"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B25"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B26"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B27"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B228" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B230" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B231" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B232" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B233" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B234" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B235" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B236" "2F"  CONSIDERTORSION "NO"
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CONCRETEDATA  "B238" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B239" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B240" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B241" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B242" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B243" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B244" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B245" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B246" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B247" "2F"  CONSIDERTORSION "NO"
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CONCRETEDATA  "B249" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B66"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B69"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B70"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B71"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B251" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B252" "2F"  CONSIDERTORSION "NO"
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CONCRETEDATA  "B254" "2F"  CONSIDERTORSION "NO"
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CONCRETEDATA  "B80"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B81"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B82"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B256" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B257" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B258" "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B259" "2F"  CONSIDERTORSION "NO"
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CONCRETEDATA "B334"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA "B121"  "2F"  TYPE "INTERMEDIATE"
CONCRETEDATA "B121"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA "B121"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B131"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA "B131"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B125"  "2F"  TYPE "INTERMEDIATE"
CONCRETEDATA "B125"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA "B125"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B124"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA "B124"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B127"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA "B127"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B128"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA "B128"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B228"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B261"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA "B261"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B262"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA "B262"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B263"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA "B263"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B264"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA "B264"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B265"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA "B265"  "B1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B261"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B265"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B262"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B263"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B264"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B1"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B2"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B3"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B4"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B5"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B166"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B216"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B220"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B221"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B222"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B223"  "3F"  CONSIDERTORSION "NO"
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CONCRETEDATA "B16"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B17"  "3F"  CONSIDERTORSION "NO"
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CONCRETEDATA "B230"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B231"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B232"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B233"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B234"  "3F"  CONSIDERTORSION "NO"
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CONCRETEDATA "B241"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B242"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B243"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B244"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B245"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B246"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B248"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B249"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B69"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B70"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B71"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B251"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B252"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B253"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B254"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B79"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B80"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B81"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B256"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B257"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B258"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B950"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B315"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B121"  "3F"  TYPE "INTERMEDIATE"
CONCRETEDATA "B121"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B131"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B125"  "3F"  TYPE "INTERMEDIATE"
CONCRETEDATA "B125"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B124"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B127"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B262"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B263"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B264"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B267"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B268"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B268"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B247"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B338"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B339"  "3F"  CONSIDERTORSION "NO"
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CONCRETEDATA "B341"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B327"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B274"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B275"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B126"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA "B1"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B2"  "4F"  CONSIDERTORSION "NO"
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CONCRETEDATA "B3"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B4"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B5"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B166"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B216"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B220"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B221"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B222"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B223"  "4F"  CONSIDERTORSION "NO"
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CONCRETEDATA "B13"  "4F"  CONSIDERTORSION "NO"
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CONCRETEDATA "B15"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B16"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B17"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B18"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B19"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B20"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B21"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B22"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B24"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B25"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B25"  "4F"  CONSIDERTORSION "NO"
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CONCRETEDATA "B231"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B232"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B233"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B234"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B235"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B236"  "4F"  CONSIDERTORSION "NO"
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CONCRETEDATA "B238"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B239"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B240"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B241"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B242"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B243"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B244"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B245"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B246"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B248"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B249"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B69"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B70"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B71"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B251"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B252"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B253"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B254"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B79"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B80"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B81"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B256"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B257"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B258"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B121"  "4F"  TYPE "INTERMEDIATE"
CONCRETEDATA "B121"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B131"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B247"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B23"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B276"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B277"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B278"  "4F"  CONSIDERTORSION "NO"
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CONCRETEDATA "B284"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B27"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B82"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B125"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B124"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B127"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B128"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA "B1"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B2"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B3"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B4"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B5"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B166"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B216"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B220"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B221"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B222"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B12"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B13"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B14"  "R1F"  CONSIDERTORSION "NO"
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CONCRETEDATA "B18"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B19"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B20"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B21"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B22"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B24"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B25"  "R1F"  CONSIDERTORSION "NO"
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CONCRETEDATA "B220"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B230"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B231"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B232"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B233"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B234"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B235"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B236"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B237"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B238"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B240"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B241"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B242"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B243"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA "B244"  "R1F"  CONSIDERTORSION "NO"
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CONCRETEDATA  "B245"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B246"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B248"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B249"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B69"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B70"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B71"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B251"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B252"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B253"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B254"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B79"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B80"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B81"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B256"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B257"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B258"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B259"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B121"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B131"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B135"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B134"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B127"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B262"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B263"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B264"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B247"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B23"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B187"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B274"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B275"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B120"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B285"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B286"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B287"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B288"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B160"  "PF"  CONSIDERTORSION "NO"
CONCRETEDATA  "B20"  "PF"  CONSIDERTORSION "NO"
CONCRETEDATA  "B258"  "PF"  CONSIDERTORSION "NO"
CONCRETEDATA  "B240"  "PF"  CONSIDERTORSION "NO"
CONCRETEDATA  "B89"  "PF"  CONSIDERTORSION "NO"
CONCRETEDATA  "B326"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B326"  "D1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B325"  "B1F"  TYPE "ORDINARY"
CONCRETEDATA  "B325"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B289"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B290"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B291"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B292"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B293"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B129"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B138"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B151"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B152"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B20"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B157"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B158"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B159"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B160"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B161"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B162"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B289"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B331"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B290"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "S201"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B295"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B296"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B297"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B292"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B293"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B298"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B289"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B300"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B303"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B278"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B123"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B129"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B138"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B185"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B180"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B181"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B182"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B183"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B186"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B335"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B289"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B290"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B291"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B295"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B296"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B304"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B305"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B306"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B293"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B298"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B299"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B307"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B308"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B309"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B22"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B167"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B174"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B184"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B240"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B179"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B175"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B167"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B184"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B174"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B179"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B175"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B167"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B184"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B337"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B225"  "4F"  CONSIDERTORSION "NO"
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CONCRETEDATA  "B227"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B120"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B138"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B152"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B96"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B157"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B204"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B289"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B290"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B291"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B295"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B296"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B151"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B161"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B162"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B292"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B293"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B298"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B299"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B310"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B311"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B312"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B313"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B205"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B206"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B314"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B123"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B129"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B138"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B185"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B180"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B181"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B182"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B183"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B186"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B205"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B209"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B219"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B315"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B305"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B306"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B259"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B298"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B304"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B316"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B317"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B298"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B299"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B307"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B318"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B319"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B320"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B321"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B322"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B179"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B175"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B167"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B184"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B174"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B175"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B167"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B184"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B195"  "PF"  CONSIDERTORSION "NO"
CONCRETEDATA  "B212"  "PF"  CONSIDERTORSION "NO"
CONCRETEDATA  "B219"  "PF"  CONSIDERTORSION "NO"
CONCRETEDATA  "B215"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B217"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B224"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B218"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B219"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B228"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B229"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B215"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B217"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B225"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B227"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B254"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B228"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B228"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B279"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B323"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B323"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B323"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B323"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B132"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B132"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B227"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B182"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B329"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B330"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B333"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B336"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B329"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B330"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B329"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B330"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B334"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B331"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B333"  "4F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B329"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B330"  "R1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B283"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B28"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B208"  "3F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B20"  "2F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B11"  "2F"  CONSIDERTORSION "NO"

$ COMPOSITE DESIGN PREFERENCES
 COMPOSITEPREFERENCE  CODE "AISC 360-05"
 COMPOSITEPREFERENCE  PHI-B 0.9  PHI-BCNE 0.9  PHI-BCNP 0.9  PHI-BCPP 0.85  PHI-V 0.9  PHI-C 0.9  PHI-T 0.9
 COMPOSITEPREFERENCE  SHORED "NO"  WITHAXIALFORCE "NO"  NMIDDLERANGE 73  PATTERNLLF 0.75  SRLIMIT 0.95
 COMPOSITEPREFERENCE  MINNCOMPOSITE 25  MAXNCOMPOSITE 100  SINGLESEGMENT "NO"
 COMPOSITEPREFERENCE  MINLONGSPACING 11.43  MAXLONGSPACING 91.44  MINTRANSSPACING 7.62  MAXSTUDSPERROW 3
 COMPOSITEPREFERENCE  DLLIMIT 120  SLLIMIT 120  LLLIMIT 360  TLLIMIT 240  CREEPFACTOR 1
 COMPOSITEPREFERENCE  CALCULATECAMBER "YES"  %DLCAMBER 100  MINWEBTHICKFORCAMBER 0.635  MINSPANFORCAMBER
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731.52
  COMPOSITEPREFERENCE  CAMBERIGNORE 1.905  CAMBERELMIN 000  CAMBERABSMAX 10.16  CAMBERRELMAX 180  CAMBERINTERVAL 0.635  CAMBERROUNDDOWN
"YES"
  COMPOSITEPREFERENCE  %VIBLL 25  CONSIDERFREQ "NO"    MINFREQ 8  CONSIDERDAMP "NO"    %INHERENTDAMP 4
  COMPOSITEPREFERENCE  VIBRATIONCRITERION "WALKING"  OCCUPANCYCATEGORY "PAPEROFFICE"  DAMPINGRATIO 0.025  WALKINGACCELERATIONLIMIT 0.005
  COMPOSITEPREFERENCE  RHYTHMICACTIVITY "AEROBICS"  AFFECTEDOCCUPANCYCATEGORY "PAPEROFFICE"
  COMPOSITEPREFERENCE  RHYTHMICACCELERATIONLIMIT 0.005  UPPERSTEPFREQUENCY 2.75  LOWERSTEPFREQUENCY 2  NUMBERFREQUENCIES 16
  COMPOSITEPREFERENCE  EQUIPMENTORUSECATAGORY "COMPUTERSYSTEM"  VIBVELOCITYLIMIT 8000  WALKINGSPEED "VERYSLOW"
  COMPOSITEPREFERENCE  SENSITIVIBFSTEP 1.25  SENSVIBFL 6  SENSV1BFU 8  SENSVIBGAMMA 0.1
  COMPOSITEPREFERENCE  OPTIMIZEPRICE "NO"    STEELPRICE 1  CONSCTORPRICE 0  CAMBERPRICE 0

$ COMPOSITE COLUMN DESIGN PREFERENCES
  COMPOSITECOLUMNPREFERENCE  CODE "AISC 360-10"  THDESIGN "EVERYSTEP-ALL"
  COMPOSITECOLUMNPREFERENCE  PROVISION "LRFD"  ANALYSISMETHOD "DIRECT ANALYSIS"  SECONDORDERMETHOD "GENERAL 2ND ORDER"
STIFFNESSREDUCTIONMETHOD "TAU-B FIXED"
  COMPOSITECOLUMNPREFERENCE  PHIBAISC05 0.9 PHICAISC05 0.75 PHITYAISC05 0.9 PHITFAISC05 0.75
  COMPOSITECOLUMNPREFERENCE  PHIVAISC05 0.9 PHIVROLLEDAISC05 1 PHITORSIONAISC05 0.9
  COMPOSITECOLUMNPREFERENCE  IGNORESEISMICCODE "NO"  IGNORESPECIALSEISMICLOAD "NO"  %DOUBLEPLATEPLUGWELDED "YES"
  COMPOSITECOLUMNPREFERENCE  BSSWELDINGTYPE "EXW"  REDUCESSTHICKNESS "NO"
  COMPOSITECOLUMNPREFERENCE  PATTERNLLF 0 MAXITERATION 1 SRLIMIT 0.05

$ WALL DESIGN PREFERENCES
  WALLPREFERENCE  CODE "ACI 318-08"  THDESIGN "EVERYSTEP"
  WALLPREFERENCE  REBARMATERIAL "FY4200"  REBARSHEARMATERIAL "FY4200"
  WALLPREFERENCE  RHO 1  SDS 1  I 1  CD 5.5  PHI-TCTRL 0.9  PHI-CCTRL 0.85  PHI-SHEAR 0.75  PHI-SHEARSEIS 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 0.05

$ PIER DESIGN OVERWRITES
  PIERDATA  "VP1"  "R1F"  PIERTYPE "UNIFORM"
  PIERDATA  "VP1"  "R1F"  ENDCORNERBAR "#5"  EDGEBAR "#5"  EDGESPACING 10  CLEARCOVER 2.5  DESIGNCHECK "CHECK"
  PIERDATA  "VP1"  "4F"  PIERTYPE "UNIFORM"
  PIERDATA  "VP1"  "4F"  ENDCORNERBAR "#5"  EDGEBAR "#5"  EDGESPACING 10  CLEARCOVER 2.5  DESIGNCHECK "CHECK"
  PIERDATA  "VP1"  "3F"  PIERTYPE "UNIFORM"
  PIERDATA  "VP1"  "3F"  ENDCORNERBAR "#5"  EDGEBAR "#5"  EDGESPACING 10  CLEARCOVER 2.5  DESIGNCHECK "CHECK"
  PIERDATA  "VP1"  "2F"  PIERTYPE "UNIFORM"
  PIERDATA  "VP1"  "2F"  ENDCORNERBAR "#5"  EDGEBAR "#5"  EDGESPACING 10  CLEARCOVER 2.5  DESIGNCHECK "CHECK"
  PIERDATA  "VP2"  "R1F"  PIERTYPE "GENERAL"
  PIERDATA  "VP2"  "R1F"  PIERSECTIONBOT "4FY2"  PIERSECTIONTOP "4FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP2"  "4F"  PIERTYPE "GENERAL"
  PIERDATA  "VP2"  "4F"  PIERSECTIONBOT "3FY2"  PIERSECTIONTOP "3FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP2"  "3F"  PIERTYPE "GENERAL"
  PIERDATA  "VP2"  "3F"  PIERSECTIONBOT "2FY2"  PIERSECTIONTOP "2FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP2"  "2F"  PIERTYPE "GENERAL"
  PIERDATA  "VP2"  "2F"  PIERSECTIONBOT "1FY2"  PIERSECTIONTOP "1FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP3"  "R1F"  PIERTYPE "GENERAL"
  PIERDATA  "VP3"  "R1F"  PIERSECTIONBOT "4FY2"  PIERSECTIONTOP "4FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP3"  "4F"  PIERTYPE "GENERAL"
  PIERDATA  "VP3"  "4F"  PIERSECTIONBOT "3FY2"  PIERSECTIONTOP "3FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP3"  "3F"  PIERTYPE "GENERAL"
  PIERDATA  "VP3"  "3F"  PIERSECTIONBOT "2FY2"  PIERSECTIONTOP "2FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP3"  "2F"  PIERTYPE "GENERAL"
  PIERDATA  "VP3"  "2F"  PIERSECTIONBOT "1FY2"  PIERSECTIONTOP "1FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP4"  "R1F"  PIERTYPE "GENERAL"
  PIERDATA  "VP4"  "R1F"  PIERSECTIONBOT "4FY2"  PIERSECTIONTOP "4FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP4"  "4F"  PIERTYPE "GENERAL"
  PIERDATA  "VP4"  "4F"  PIERSECTIONBOT "3FY2"  PIERSECTIONTOP "3FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP4"  "3F"  PIERTYPE "GENERAL"
  PIERDATA  "VP4"  "3F"  PIERSECTIONBOT "2FY2"  PIERSECTIONTOP "2FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP4"  "2F"  PIERTYPE "GENERAL"
  PIERDATA  "VP4"  "2F"  PIERSECTIONBOT "1FY2"  PIERSECTIONTOP "1FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP5"  "4F"  PIERTYPE "GENERAL"
  PIERDATA  "VP5"  "4F"  PIERSECTIONBOT "3FY2"  PIERSECTIONTOP "3FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP5"  "3F"  PIERTYPE "GENERAL"
  PIERDATA  "VP5"  "3F"  PIERSECTIONBOT "2FY2"  PIERSECTIONTOP "2FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP5"  "2F"  PIERTYPE "GENERAL"
  PIERDATA  "VP5"  "2F"  PIERSECTIONBOT "1FY2"  PIERSECTIONTOP "1FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP6"  "R1F"  PIERTYPE "GENERAL"
  PIERDATA  "VP6"  "R1F"  PIERSECTIONBOT "4FY2"  PIERSECTIONTOP "4FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP6"  "4F"  PIERTYPE "GENERAL"
  PIERDATA  "VP6"  "4F"  PIERSECTIONBOT "3FY2"  PIERSECTIONTOP "3FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP6"  "3F"  PIERTYPE "GENERAL"
  PIERDATA  "VP6"  "3F"  PIERSECTIONBOT "2FY2"  PIERSECTIONTOP "2FY2"  DESIGNCHECK "CHECK"
  PIERDATA  "VP6"  "2F"  PIERTYPE "GENERAL"
  PIERDATA  "VP6"  "2F"  PIERSECTIONBOT "1FY2"  PIERSECTIONTOP "1FY2"  DESIGNCHECK "CHECK"

$ CONCRETE SLAB DESIGN PREFERENCES
  CONCRETESLABPREFERENCE  CODE "ACI 318-14"  PHITENACI 0.9  PHICOMPACI 0.85  PHISHEARACI 0.75
  CONCRETESLABPREFERENCE  IGNOREBENEFICIALPUNSLABREGION "NO"
  CONCRETESLABPREFERENCE  COVERTOP 5  COVERBOT 5  RHRSIZE "#5"  INNERLAYER "B"    PTCGSTOP 2.5  PTCGSBOTEXT 4  PTCGSBOTINT 2.5  SLABTYPE
"Two Way"
  CONCRETESLABPREFERENCE  USERSTRESS "No"  INITCONCRAT 0.8  LLFRACTION 0.5

$ DIMENSION LINES
  DIMLINE DEFAULTSYSTEM G2
  DIMLINE DEFAULTSYSTEM G1

$ TABLE SETS
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$ PROGRAM INFORMATION
  PROGRAM  "ETABS"  VERSION "19.1.0"

$ CONTROLS
  UNITS  "KGF"  "CM"  "C"
  TITLE1  "Iader's club"
  TITLE2  "EXAMPLE-25_2016加懸臂版現基版剛陰地震力資料"
  PREFERENCE  MERGETOL 0.1
  RLLF  METHOD "NONE"

$ STORIES - IN SEQUENCE FROM TOP
  STORY "PF"  HEIGHT 300 MASTERSTORY "Yes"
  STORY "R1F"  HEIGHT 400 MASTERSTORY "Yes"
  STORY "4F"  HEIGHT 400 MASTERSTORY "Yes"
  STORY "3F"  HEIGHT 400 SIMILARTO "3F"
  STORY "2F"  HEIGHT 400 SIMILARTO "3F"
  STORY "1F"  HEIGHT 200 SIMILARTO "3F"
  STORY "Base"  ELEV 0
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$ GRIDS
  GRIDSYSTEM "G1"  TYPE "CARTESIAN"  GX 0 GY 0 RZ 45 BUBBLESIZE 125
  GRID "G1"  LABEL "A"  DIR "X"  COORD -530 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "B"  DIR "X"  COORD 0 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "C"  DIR "X"  COORD 705 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "D"  DIR "X"  COORD 1128.2 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "1"  DIR "Y"  COORD 0 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G1"  LABEL "2"  DIR "Y"  COORD 715 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G1"  LABEL "3"  DIR "Y"  COORD 1215 VISIBLE "Yes"  BUBBLELOC "Start"
  GRIDSYSTEM "G2"  TYPE "CARTESIAN"  GX 865.4 GY 538.5 RZ 0 BUBBLESIZE 125
  GRID "G2"  LABEL "A"  DIR "X"  COORD 0 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "B"  DIR "X"  COORD 850 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "C"  DIR "X"  COORD 1700 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "D"  DIR "X"  COORD 2550 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "E"  DIR "X"  COORD 3050 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "1"  DIR "Y"  COORD 0 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G2"  LABEL "2"  DIR "Y"  COORD 500 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G2"  LABEL "3"  DIR "Y"  COORD 1115 VISIBLE "Yes"  BUBBLELOC "Start"

$ DIAPHRAGM NAMES
  DIAPHRAGM "D1"  TYPE RIGID

$ MATERIAL PROPERTIES
  MATERIAL  "STEEL"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833414
  MATERIAL  "STEEL"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.1689999959017E-05
  MATERIAL  "STEEL"  FY 3515.348  FU 4580.853 FYE 3866.883  FUE 5026.948
  MATERIAL  "STEEL"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17 FINALSLOPE
-0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "CONC"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002402616
  MATERIAL  "CONC"  SYMTYPE "Isotropic"  E 253105.1  U 0.2  A 9.8999988542412E-06
  MATERIAL  "CONC"  FC 281.2278
  MATERIAL  "CONC"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "OTHER"  TYPE "Other"  WEIGHTPERVOLUME 0.007833414
  MATERIAL  "OTHER"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.1689999959017E-05
  MATERIAL  "OTHER"  DESIGNTYPE "OTHER"
  MATERIAL  "OTHER"  HYSTYPE "Elastic"  IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION
0.02 IGNORETENSIONACCEPTANCE "No"
  MATERIAL  "OTHER"  STRAIN -1 STRESS -1
  MATERIAL  "OTHER"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "OTHER"  STRAIN 1 STRESS 1
  MATERIAL  "3C210"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "3C219"  SYMTYPE "Isotropic"  E 217371  U 0.2  A 9.8999988542412E-06
  MATERIAL  "3C210"  FC 210
  MATERIAL  "3C210"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "3C210"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "3C245"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "3C245"  SYMTYPE "Isotropic"  E 234787  U 0.2  A 9.8999988542412E-06
  MATERIAL  "3C245"  FC 245
  MATERIAL  "3C245"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "3C245"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "3C280"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "3C280"  SYMTYPE "Isotropic"  E 250998  U 0.2  A 9.8999988542412E-06
  MATERIAL  "3C280"  FC 280
  MATERIAL  "3C280"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "3C280"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "3C315"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "3C315"  SYMTYPE "Isotropic"  E 286224  U 0.2  A 9.8999988542412E-06
  MATERIAL  "3C315"  FC 315
  MATERIAL  "3C315"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "3C315"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "4C350"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "4C350"  SYMTYPE "Isotropic"  E 280624  U 0.2  A 9.8999988542412E-06
  MATERIAL  "4C350"  FC 350
  MATERIAL  "4C350"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "4C350"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "OC35042"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "OC35042"  SYMTYPE "Isotropic"  E 280624  U 0.2  A 9.8999988542412E-06
  MATERIAL  "OC35042"  FC 350
  MATERIAL  "OC35042"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "OC35042"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "OSA36"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833
  MATERIAL  "OSA36"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.1689999959017E-05
  MATERIAL  "OSA36"  FY 2500  FU 4000 FYE 3866.883  FUE 5026.948
  MATERIAL  "OSA36"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17 FINALSLOPE
-0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "OSA572GR50"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833
  MATERIAL  "OSA572GR50"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.1689999959017E-05
  MATERIAL  "OSA572GR50"  FY 3450  FU 4500 FYE 3866.883  FUE 5026.948
  MATERIAL  "OSA572GR50"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "SN400Y"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833
  MATERIAL  "SN400Y"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.1689999959017E-05
  MATERIAL  "SN400Y"  FY 2400  FU 4100 FYE 3866.883  FUE 5026.948
  MATERIAL  "SN400Y"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17 FINALSLOPE
-0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "SN490Y"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833
  MATERIAL  "SN490Y"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.1689999959017E-05
  MATERIAL  "SN490Y"  FY 3300  FU 5000 FYE 3866.883  FUE 5026.948
  MATERIAL  "SN490Y"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17 FINALSLOPE
-0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "A615Gr60"  TYPE "Rebar"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "A615Gr60"  SYMTYPE "Uniaxial"  E 2038902  A 1.1689999959017E-05
  MATERIAL  "A615Gr60"  FY 4218.418  FU 6327.626 FYE 4218.418  FUE 6327.626
  MATERIAL  "A615Gr60"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "FY4200Y"  TYPE "Rebar"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "FY4200"  SYMTYPE "Uniaxial"  E 2038902  A 1.1689999959017E-05
  MATERIAL  "FY4200"  FY 4200  FU 6300 FYE 4200  FUE 6300
  MATERIAL  "FY4200"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "Stirrup"  TYPE "Rebar"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "Stirrup"  SYMTYPE "Uniaxial"  E 2038902  A 1.1689999959017E-05
  MATERIAL  "Stirrup"  FY 2800  FU 4200 FYE 2800  FUE 4200
  MATERIAL  "Stirrup"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "A416Gr270"  TYPE "Tendon"  WEIGHTPERVOLUME 0.007849048
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  MATERIAL  "A1l8Gr270"   SYMTYPE "Uniaxial"  E 2003748  A 1.1869999989909172-05
  MATERIAL  "A1l8Gr270"  FY 17232.24  FU 18982.88
  MATERIAL  "A1l8Gr270"  HYSTYPE "Kinematic"  SSTYPE "270ksi"  FINALSLOPE -0.1 IOTENSION 0.015 LSTENSION 0.023 CPTENSION 0.03
IOCOMPRESSION 0.015 LSCOMPRESSION 0.023 CPCOMPRESSION 0.03
  MATERIAL  "FY2800"     TYPE "Rebar"     WEIGHTPERVOLUME 0.007849048
  MATERIAL  "FY2800"     SYMTYPE "Uniaxial"  E 2038902  A 1.1869999989909172-05
  MATERIAL  "FY2800"  FY 2800  FU 4200 FYE 2800  FUE 4200
  MATERIAL  "FY2800"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "A853SQGr50"     TYPE "Coldformed"     WEIGHTPERVOLUME 0.007849048
  MATERIAL  "A653SQGr50"     SYMTYPE "Isotropic"  E 2074055  U 0.3  A 1.1869999989909172-05
  MATERIAL  "A853SQGr50"  HYSTYPE "Kinematic"  IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01
CPCOMPRESSION 0.02
  MATERIAL  "A853SQGr50"  STRAIN -99 STRESS 0
  MATERIAL  "A853SQGr50"  STRAIN -59 STRESS -1 POINTID "-E"
  MATERIAL  "A653SQGr50"  STRAIN -47.2 STRESS -1.3 POINTID "-D"
  MATERIAL  "A653SQGr50"  STRAIN -29.5 STRESS -1.3 POINTID "-C"
  MATERIAL  "A653SQGr50"  STRAIN -11.8 STRESS -1
  MATERIAL  "A853SQGr50"  STRAIN -1 STRESS -1 POINTID "-B"
  MATERIAL  "A853SQGr50"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "A653SQGr50"  STRAIN 1 STRESS 1 POINTID "B"
  MATERIAL  "A853SQGr50"  STRAIN 11.8 STRESS 1
  MATERIAL  "A853SQGr50"  STRAIN 29.5 STRESS 1.3 POINTID "C"
  MATERIAL  "A653SQGr50"  STRAIN 47.2 STRESS 1.3 POINTID "D"
  MATERIAL  "A853SQGr50"  STRAIN 59 STRESS 1 POINTID "E"
  MATERIAL  "A853SQGr50"  STRAIN 99 STRESS 0

$ REBAR DEFINITIONS
  REBARDEFINITION  "#2"  AREA  0.32258 DIA  0.635
  REBARDEFINITION  "#3"  AREA  0.709676 DIA  0.9525
  REBARDEFINITION  "#4"  AREA  1.26 DIA  1.27
  REBARDEFINITION  "#5"  AREA  1.97 DIA  1.5875
  REBARDEFINITION  "#6"  AREA  2.84 DIA  1.905
  REBARDEFINITION  "#7"  AREA  3.8 DIA  2.2225
  REBARDEFINITION  "#8"  AREA  5.06 DIA  2.54
  REBARDEFINITION  "#9"  AREA  6.4 DIA  2.86512
  REBARDEFINITION  "#10"  AREA  8.13 DIA  3.2258
  REBARDEFINITION  "#11"  AREA  10.9645 DIA  3.5814
  REBARDEFINITION  "#14"  AREA  14.5161 DIA  4.30022
  REBARDEFINITION  "#18"  AREA  25.8064 DIA  5.73276
  REBARDEFINITION  "10M"  AREA  1 DIA  1.13
  REBARDEFINITION  "15M"  AREA  2 DIA  1.6
  REBARDEFINITION  "20M"  AREA  3 DIA  1.95
  REBARDEFINITION  "25M"  AREA  5 DIA  2.52
  REBARDEFINITION  "30M"  AREA  7 DIA  2.98
  REBARDEFINITION  "35M"  AREA  10 DIA  3.57
  REBARDEFINITION  "45M"  AREA  15 DIA  4.37
  REBARDEFINITION  "55M"  AREA  25 DIA  5.64
  REBARDEFINITION  "6d"  AREA  0.283 DIA  0.6
  REBARDEFINITION  "8d"  AREA  0.503 DIA  0.8
  REBARDEFINITION  "10d"  AREA  0.785 DIA  1
  REBARDEFINITION  "12d"  AREA  1.13 DIA  1.2
  REBARDEFINITION  "14d"  AREA  1.54 DIA  1.4
  REBARDEFINITION  "16d"  AREA  2.01 DIA  1.6
  REBARDEFINITION  "20d"  AREA  3.14 DIA  2
  REBARDEFINITION  "25d"  AREA  4.91 DIA  2.5
  REBARDEFINITION  "26d"  AREA  5.31 DIA  2.6
  REBARDEFINITION  "28d"  AREA  6.16 DIA  2.8

$ FRAME SECTIONS
  FRAMESECTION  "B_25X40_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 40 B 25 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_30X50_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 50 B 30 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_40X60_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 60 B 40 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_35X50_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 50 B 35 NOTIONALUSERVALUE 10
  FRAMESECTION  "S_W300X306_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 30 B 30 TF 1.5 TW 1
  FRAMESECTION  "S_W290X300_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 33 B 30 TF 1.6 TW 1
  FRAMESECTION  "S_W440X300_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 44 B 30 TF 1.6 TW 1.1
  FRAMESECTION  "S_W482X300_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 48.2 B 30 TF 1.5 TW 1.1
  FRAMESECTION  "S_W488X300_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 48.8 B 30 TF 1.8 TW 1.1
  FRAMESECTION  "S_W582X300_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 58.2 B 30 TF 1.7 TW 1.2
  FRAMESECTION  "S_W583X300_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 58.3 B 30 TF 2 TW 1.2
  FRAMESECTION  "S_W700X300_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 70 B 30 TF 2.4 TW 1.3
  FRAMESECTION  "S_W890X300_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 80 B 30 TF 2.6 TW 1.4
  FRAMESECTION  "S_W800X300_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 80 B 30 TF 2.6 TW 1.6
  FRAMESECTION  "S_W200X200_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 20 B 20 TF 1.2 TW 0.8
  FRAMESECTION  "S_W294X290_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 29.4 B 28 TF 1.2 TW 0.8
  FRAMESECTION  "S_W400X290_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 40 B 20 TF 1.3 TW 0.8
  FRAMESECTION  "S_W450X290_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 45 B 20 TF 1.4 TW 0.9
  FRAMESECTION  "S_W500X290_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 50 B 20 TF 1.6 TW 1
  FRAMESECTION  "S_W600X290_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 60 B 20 TF 1.7 TW 1.1
  FRAMESECTION  "S_W350X175_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 35 B 17.5 TF 1.1 TW 0.7
  FRAMESECTION  "S_W250X250_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 25 B 25 TF 1.4 TW 0.9
  FRAMESECTION  "S_W350X350_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 35 B 35 TF 1.9 TW 1.2
  FRAMESECTION  "S_W400X400_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 40 B 40 TF 2.1 TW 1.3
  FRAMESECTION  "S_W300X150_40"  MATERIAL "SM490Y"  SHAPE "Steel I/Wide Flange"  D 30 B 15 TF 0.9 TW 0.65
  FRAMESECTION  "S_W150X150_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 15 B 15 TF 1 TW 0.7
  FRAMESECTION  "S_W100X100_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 10 B 10 TF 0.8 TW 0.6
  FRAMESECTION  "S_W200X100_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 20 B 10 TF 0.8 TW 0.55
  FRAMESECTION  "S_W244X175_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 24.4 B 17.5 TF 1.1 TW 0.7
  FRAMESECTION  "BF_40X145_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 145 B 40 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_D50_7/16_280"  MATERIAL "OC280"  SHAPE "Concrete Circle"  D 50 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_50X50_8/20_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 50 B 50 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_25X80_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 25 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_30X70_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 70 B 30 NOTIONALUSERVALUE 10
  FRAMESECTION  "BF_30X145_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 145 B 30 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_45X80_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 45 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_80X80_8/36_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_D80_8/20_280"  MATERIAL "OC280"  SHAPE "Concrete Circle"  D 80 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_50X70_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 70 B 50 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_40X70_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 70 B 40 NOTIONALUSERVALUE 10
  FRAMESECTION  "BF_25X145_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 145 B 25 NOTIONALUSERVALUE 10
  FRAMESECTION  "S_H250X125_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 25 B 12.5 TF 0.9 TW 0.6
  FRAMESECTION  "S_B800X600X22X22_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 80 B 60 TF 2.2 TW 2.2
  FRAMESECTION  "B_25X50_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 50 B 25 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_30X60_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 60 B 30 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_35X60_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 60 B 35 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_35X70_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 70 B 35 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_50X80_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 50 NOTIONALUSERVALUE 10
  FRAMESECTION  "BF_50X145_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 145 B 50 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_40X40_8/16_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 40 B 40 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_70X70_7/36_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 70 B 70 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_60X60_8/28_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 60 B 60 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_90X90_8/40_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 90 B 90 NOTIONALUSERVALUE 10
  FRAMESECTION  "S_H125X125_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 12.5 B 12.5 TF 0.9 TW 0.65
  FRAMESECTION  "S_H175X175_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 17.5 B 17.5 TF 1.1 TW 0.75
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  FRAMESECTION  "S_H200X150_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 19.4 B 15 TF 0.8 TW 0.6
  FRAMESECTION  "S_H148X100_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 14.8 B 10 TF 0.9 TW 0.6
  FRAMESECTION  "S_H340X250_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 34.8 B 25 TF 1.4 TW 0.9
  FRAMESECTION  "S_B400X600X25X25_40"  MATERIAL "SM490Y"  SHAPE "Steel Tube"  D 60 B 60 TF 2.5 TW 2.5
  FRAMESECTION  "S_B500X500X19X19_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 50 B 50 TF 1.9 TW 1.9
  FRAMESECTION  "S_B500X500X19X19_40"  MATERIAL "SM490Y"  SHAPE "Steel Tube"  D 50 B 50 TF 1.9 TW 1.9
  FRAMESECTION  "S_P101.6X5_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 10.16 T 0.5
  FRAMESECTION  "S_P139.8X5_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 13.98 T 0.6
  FRAMESECTION  "S_P165.2X6_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 16.52 T 0.6
  FRAMESECTION  "S_P216.3X8_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 21.63 T 0.8
  FRAMESECTION  "S_P318.5X8_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 31.85 T 0.8
  FRAMESECTION  "S_P267.4X22_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 26.74 T 0.8
  FRAMESECTION  "S_TU100X100X6_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 10 B 10 TF 0.6 TW 0.6
  FRAMESECTION  "S_TU125X125X6_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 12.5 B 12.5 TF 0.6 TW 0.6
  FRAMESECTION  "S_TU150X150X6_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 15 B 15 TF 0.6 TW 0.6
  FRAMESECTION  "S_L50X50X5_40"  MATERIAL "SM400Y"  SHAPE "Steel Angle"  D 5 B 5 TF 0.5 TW 0.5
  FRAMESECTION  "S_L75X75X9_40"  MATERIAL "SM400Y"  SHAPE "Steel Angle"  D 7.5 B 7.5 TF 0.9 TW 0.8
  FRAMESECTION  "S_L100X100X9_40"  MATERIAL "SM400Y"  SHAPE "Steel Angle"  D 10 B 10 TF 0.9 TW 0.9
  FRAMESECTION  "S_L150X150X12_40"  MATERIAL "SM400Y"  SHAPE "Steel Angle"  D 15 B 15 TF 1.2 TW 1.2
  FRAMESECTION  "S_C100X50_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 10 B 5 TF 0.7 TW 0.5
  FRAMESECTION  "S_C125X65_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 12.5 B 6.5 TF 0.8 TW 0.6
  FRAMESECTION  "S_C150X75_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 15 B 7.5 TF 1 TW 0.65
  FRAMESECTION  "S_C200X80_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 20 B 8 TF 1.1 TW 0.75
  FRAMESECTION  "S_C250X90_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 25 B 9 TF 1.3 TW 0.9
  FRAMESECTION  "S_C300X90_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 30 B 9 TF 1.3 TW 0.9
  FRAMESECTION  "SteelCol"  MATERIAL "SM490Y"  SHAPE "Steel I/Wide Flange"  D 50 B 50 TF 2.5 TW 1.25
  FRAMESECTION  "SteelBm"  MATERIAL "SM490Y"  SHAPE "Steel I/Wide Flange"  D 50 B 18.6867 TF 1.25 TW 0.625
  FRAMESECTION  "ConcCol"  MATERIAL "OC35042"  SHAPE "Concrete Rectangular"  D 37.5 B 37.5
  FRAMESECTION  "ConcBm"  MATERIAL "OC35042"  SHAPE "Concrete Rectangular"  D 50 B 37.5
  FRAMESECTION  "S_H100X140X22X4_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 10 B 14 TF 0.2 TW 0.4
  FRAMESECTION  "C_80X180_6/12-20_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 180 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_80X170_8/8-17_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 170 NOTIONALUSERVALUE 10
  FRAMESECTION  "BF_90X145_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 145 B 80 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_80X80_8/28_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_80X80_8/24_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_80X80_8/32_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_D80_8/16_280"  MATERIAL "OC280"  SHAPE "Concrete Circle"  D 80 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_80X80_8/32_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
  FRAMESECTION  "S_P59X12_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 59 T 1.2
  FRAMESECTION  "S_H500X200+PL16_40"  MATERIAL "STEEL"  SHAPE "Steel Tube"  D 50 B 20 TF 1.6 TW 1.6
  FRAMESECTION  "C_80X170_8/7-15_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 170 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_80X170_8/6-13_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 170 NOTIONALUSERVALUE 10
  FRAMESECTION  "C_80X170_8/5-11_280"  MATERIAL "OC280"  SHAPE "Concrete Rectangular"  D 80 B 170 NOTIONALUSERVALUE 10

$ CONCRETE SECTIONS
  CONCRETESECTION  "B_25X40_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_30X50_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_40X60_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_35X50_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "BF_40X145_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 10.5 COVERBOTTOM 10.5
ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "C_D50_7/16_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "C-16"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 3.8 CONFINEBARAREA 0.709676 CONFINEBARSPACING 15
  CONCRETESECTION  "C_50X50_8/20_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-6-6"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 0.709676 CONFINEBARSPACING 15 NUMCONFINEBARS2 2 NUMCONFINEBARS2 2
  CONCRETESECTION  "B_25X60_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_30X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "BF_30X145_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 10.5 COVERBOTTOM 10.5
ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_45X60_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "C_80X80_8/36_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-10-10"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.096764 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "C_D80_8/28_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "C-26"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15
  CONCRETESECTION  "B_50X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_40X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "BF_25X145_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 10.5 COVERBOTTOM 10.5
ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_25X50_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_30X60_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_35X60_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_35X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_50X80_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "BF_50X145_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 10.5 COVERBOTTOM 10.5
ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "C_40X40_8/16_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-5-5"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 2.838704 CONFINEBARAREA 0.709676 CONFINEBARSPACING 15 NUMCONFINEBARS3 2 NUMCONFINEBARS2 2
  CONCRETESECTION  "C_70X70_7/36_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-9-8"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 3.87896 CONFINEBARAREA 0.709676 CONFINEBARSPACING 15 NUMCONFINEBARS3 3 NUMCONFINEBARS2 3
  CONCRETESECTION  "C_60X60_8/28_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-8-8"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 2.838704 CONFINEBARAREA 0.709676 CONFINEBARSPACING 15 NUMCONFINEBARS3 4 NUMCONFINEBARS2 4
  CONCRETESECTION  "C_90X90_8/40_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-11-11"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.096764 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "ConcCol"  LONGBARMATERIAL "A615Gr60"  CONFINEBARMATERIAL "A615Gr60"  TYPE "Column"  PATTERN "R-5-3"  TRANSREINF "TIES"
DESIGNCHECK "DESIGN"  COVER 4 LONGBARAREA 0.32258 CONFINEBARAREA 0.32258 CONFINEBARSPACING 15 NUMCONFINEBARS3 3 NUMCONFINEBARS2 3
  CONCRETESECTION  "ConcBm"  LONGBARMATERIAL "A615Gr60"  CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 6 COVERBOTTOM 6 ATI 0 ABI 0
ATJ 0 ABJ 0
  CONCRETESECTION  "C_90X180_6/12-20_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-12-20"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 2.84 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "C_80X170_8/8-17_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-8-17"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.96 CONFINEBARAREA 1.26 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "BF_90X145_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 10.5 COVERBOTTOM 10.5
ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "C_80X80_8/28_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-8-8"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.08 CONFINEBARAREA 1.28 CONFINEBARSPACING 15 NUMCONFINEBARS3 4 NUMCONFINEBARS2 4
  CONCRETESECTION  "C_80X80_8/24_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-7-7"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.08 CONFINEBARAREA 1.28 CONFINEBARSPACING 15 NUMCONFINEBARS3 4 NUMCONFINEBARS2 4
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  CONCRETESECTION  "C_80X80_8/20_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-8-6"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.26 CONFINEBARSPACING 15 NUMCONFINEBARS3 4 NUMCONFINEBARS2 4
  CONCRETESECTION  "C_D60_8/16_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "C-16"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15
  CONCRETESECTION  "C_80X80_8/32_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-8-9"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.08 CONFINEBARAREA 1.28 CONFINEBARSPACING 15 NUMCONFINEBARS3 4 NUMCONFINEBARS2 4
  CONCRETESECTION  "C_80X170_8/7-15_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-7-15"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.08 CONFINEBARAREA 1.26 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "C_80X170_8/6-13_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-6-13"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.26 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "C_80X170_8/5-11_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-5-11"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.26 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4

$ TENDON SECTIONS
  TENDONSECTION  "Tendon1"  MATERIAL  "0C210"  STRANDAREA  0.9870848

$ PIER SECTIONS
  PIERSECTION  "1FY2"  BASEMATERIAL "0C280"

$ SECTION DESIGNER SECTIONS
  SDSECTION "1FY2"  TYPE "PIER"  NUMSHAPES 5
  SDSECTION "1FY2"  SHAPE 1  MATERIAL "0C280"  REBARMATERIAL "FY2800"  SHAPETYPE "POLYGON"  NUMCORNERPTS 12
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 1  X 515  Y 80
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 2  X 515  Y 50.00002
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 3  X 80  Y 50.00003
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 4  X 80  Y 80
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 5  X 0  Y 80
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 6  X 0  Y 0
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 7  X 80  Y 0
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 8  X 80  Y 30.00003
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 9  X 515  Y 30.00002
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 10  X 515  Y 0
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 11  X 595  Y 0
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 12  X 595  Y 80
  SDSECTION "1FY2"  SHAPE 1  EDGE 1  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 2  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 3  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 4  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 5  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 6  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 7  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 8  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 9  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 10  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 11  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 12  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  CORNER 1
  SDSECTION "1FY2"  SHAPE 1  CORNER 2
  SDSECTION "1FY2"  SHAPE 1  CORNER 3
  SDSECTION "1FY2"  SHAPE 1  CORNER 4
  SDSECTION "1FY2"  SHAPE 1  CORNER 5
  SDSECTION "1FY2"  SHAPE 1  CORNER 6
  SDSECTION "1FY2"  SHAPE 1  CORNER 7
  SDSECTION "1FY2"  SHAPE 1  CORNER 8
  SDSECTION "1FY2"  SHAPE 1  CORNER 9
  SDSECTION "1FY2"  SHAPE 1  CORNER 10
  SDSECTION "1FY2"  SHAPE 1  CORNER 11
  SDSECTION "1FY2"  SHAPE 1  CORNER 12
  SDSECTION "1FY2"  SHAPE 1  TIEBARAREA 0
  SDSECTION "1FY2"  SHAPE 2  MATERIAL "FY4200"  SHAPETYPE "RECT REBAR"  D 67.46  B 67.46  XC 40  YC 40
  SDSECTION "1FY2"  SHAPE 2  EDGE 1  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 2  EDGE 2  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 2  EDGE 3  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 2  EDGE 4  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 2  CORNER 1  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 2  CORNER 2  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 2  CORNER 3  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 2  CORNER 4  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 2  TIEBARSIZE "#4"
  SDSECTION "1FY2"  SHAPE 3  MATERIAL "FY4200"  SHAPETYPE "RECT REBAR"  D 67.46  B 67.46  XC 555  YC 40
  SDSECTION "1FY2"  SHAPE 3  EDGE 1  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 3  EDGE 2  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 3  EDGE 3  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 3  EDGE 4  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 3  CORNER 1  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 3  CORNER 2  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 3  CORNER 3  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 3  CORNER 4  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 3  TIEBARSIZE "#4"
  SDSECTION "1FY2"  SHAPE 4  MATERIAL "A615Gr60"  SHAPETYPE "LINE REBAR"  BARSIZE "#4"  SPACING 15  ENDBAR "NO"  X1 80  Y1 47  X2 515
Y2 47
  SDSECTION "1FY2"  SHAPE 5  MATERIAL "A615Gr60"  SHAPETYPE "LINE REBAR"  BARSIZE "#4"  SPACING 15  ENDBAR "NO"  X1 80  Y1 38  X2 515
Y2 33

$ SLAB PROPERTIES
  SHELLPROP  "OS15"  PROPTYPE  "Slab"  MATERIAL "0C210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 15 NOTIONALUSERVALUE 10
  SHELLPROP  "OS18"  PROPTYPE  "Slab"  MATERIAL "0C210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 18 NOTIONALUSERVALUE 10
  SHELLPROP  "OS20"  PROPTYPE  "Slab"  MATERIAL "0C210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 20 NOTIONALUSERVALUE 10
  SHELLPROP  "OS25"  PROPTYPE  "Slab"  MATERIAL "0C210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 25 NOTIONALUSERVALUE 10
  SHELLPROP  "OS112"  PROPTYPE  "Slab"  MATERIAL "0C210"  MODELINGTYPE "Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS
11.2 NOTIONALUSERVALUE 10
  SHELLPROP  "SS"  PROPTYPE  "Slab"  MATERIAL "0C210"  MODELINGTYPE "Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 2
NOTIONALUSERVALUE 10
  SHELLPROP  "OS15S"  PROPTYPE  "Slab"  MATERIAL "0C210"  MODELINGTYPE "Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 15
NOTIONALUSERVALUE 10
  SHELLPROP  "OS30S"  PROPTYPE  "Slab"  MATERIAL "0C210"  MODELINGTYPE "Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 30
NOTIONALUSERVALUE 10
  SHELLPROP  "OS55MAT"  PROPTYPE  "Slab"  MATERIAL "0C210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 55 NOTIONALUSERVALUE
10
  SHELLPROP  "OS55MATS"  PROPTYPE  "Slab"  MATERIAL "0C210"  MODELINGTYPE "ShellThin"  SLABTYPE "Slab"  SLABTHICKNESS 55 NOTIONALUSERVALUE
10

$ DECK PROPERTIES
  SHELLPROP  "OD150S3WT120"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL "0C210"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 7.5
DECKRIBDEPTH 7.5 DECKRIBWIDTHTOP 18.4 DECKRIBWIDTHBOTTOM 18.4 DECKRIBSPACING 30.5 DECKSHEARTHICKNESS 0.0889 DECKUNITWEIGHT 0.000936
SHEARSTUDDIAM 1.8 SHEARSTUDHEIGHT 7.6 SHEARSTUDFU 80
  SHELLPROP  "OD200S3WT120"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL "0C210"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 12.5
DECKRIBDEPTH 7.5 DECKRIBWIDTHTOP 18.4 DECKRIBWIDTHBOTTOM 18.4 DECKRIBSPACING 30.5 DECKSHEARTHICKNESS 0.0889 DECKUNITWEIGHT 0.000939
SHEARSTUDDIAM 1.8 SHEARSTUDHEIGHT 7.6 SHEARSTUDFU 80
  SHELLPROP  "OD225S3WT120"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL "0C210"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 15
DECKRIBDEPTH 7.5 DECKRIBWIDTHTOP 18.4 DECKRIBWIDTHBOTTOM 18.4 DECKRIBSPACING 30.5 DECKSHEARTHICKNESS 0.0889 DECKUNITWEIGHT 0.000935
SHEARSTUDDIAM 1.8 SHEARSTUDHEIGHT 7.6 SHEARSTUDFU 80
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$ WALL PROPERTIES
  SHELLPROP  "OW20"  PROPTYPE  "Wall"  MATERIAL "0C245"  MODELINGTYPE "ShellThin"  WALLTHICKNESS 20 NOTIONALUSERVALUE 10
  SHELLPROP  "OW25"  PROPTYPE  "Wall"  MATERIAL "0C245"  MODELINGTYPE "ShellThin"  WALLTHICKNESS 25 NOTIONALUSERVALUE 10
  SHELLPROP  "OW30"  PROPTYPE  "Wall"  MATERIAL "0C245"  MODELINGTYPE "ShellThin"  WALLTHICKNESS 30 NOTIONALUSERVALUE 10
  SHELLPROP  "OW50"  PROPTYPE  "Wall"  MATERIAL "0C245"  MODELINGTYPE "ShellThin"  WALLTHICKNESS 50 NOTIONALUSERVALUE 10

$ LINK PROPERTIES
  LINKPROP  "NLPR1"  TYPE "DAMPER - EXPONENTIAL"
  LINKPROP  "NLPR1"  DOF "U1"

$ PANEL ZONE PROPERTIES
  PANELZONE  "PZone1"  PZENDOFFSETSR1G1D  "No"  PZACTIVEDIRECTIONS  "Both"  PZTYPE  "From Column"
  PANELZONE  "PZone1"  PZDOUBLER  0

$ POINT SPRING PROPERTIES
  POINTSPRING  "P9999"  STIFFNESSOPTION  "USERDEFINED"  UX  99999 UY  99999 UZ  0

$ AREA SPRING PROPERTIES
  AREASPRING  "F1000"  US  1

$ PIER/SPANDREL NAMES
  PIERNAME  "VP1"
  PIERNAME  "VP2"
  PIERNAME  "VP3"
  PIERNAME  "VP4"
  PIERNAME  "VP5"
  PIERNAME  "VP6"
  SPANDRELNAME  "S1"

$ POINT COORDINATES
  POINT "41"  0 0
  POINT "162"  498.5103 498.5103
  POINT "163"  -595.5814 595.5814
  POINT "164"  -7.071068 1004.082
  POINT "165"  -858.1348 859.1348
  POINT "166"  -380.6245 1357.845
  POINT "167"  895.4 538.5
  POINT "168"  895.4 1038.5
  POINT "169"  895.4 1652.5
  POINT "170"  1745.4 1038.5
  POINT "171"  1745.4 1652.5
  POINT "172"  2595.4 1038.5
  POINT "173"  2595.4 1652.5
  POINT "174"  3445.4 1038.5
  POINT "175"  3445.4 1652.5
  POINT "176"  1745.4 538.5
  POINT "177"  2595.4 538.5
  POINT "178"  3445.4 538.5
  POINT "179"  -84.8124 1653.357
  POINT "180"  288.641 1299.864
  POINT "181"  642.2996 1653.462
  POINT "183"  27.3373 1038.5
  POINT "184"  -608.8796 1108.39
  POINT "185"  -256.3262 754.8365
  POINT "186"  -392.4443 392.4443
  POINT "187"  106.066 880.9545
  POINT "188"  -295.081 205.081
  POINT "189"  293.4493 703.5712
  POINT "190"  -143.1891 641.6894
  POINT "191"  44.19418 454.3181
  POINT "192"  17.67767 802.5662
  POINT "193"  205.081 615.1929
  POINT "194"  895.4 788.5
  POINT "195"  1745.4 788.5
  POINT "196"  2595.4 788.5
  POINT "197"  3445.4 788.5
  POINT "198"  895.4 1346
  POINT "199"  1745.4 1346
  POINT "200"  2595.4 1346
  POINT "201"  3445.4 1346
  POINT "203"  351.6758 1362.838
  POINT "205"  208.5028 788.5178
  POINT "206"  895.4 308.5
  POINT "208"  1745.4 308.5
  POINT "210"  2595.4 308.5
  POINT "211"  3445.4 308.5
  POINT "213"  688.5206 538.5
  POINT "215"  375.4 1038.5
  POINT "216"  -770.7464 947.5231
  POINT "217"  -417.193 593.9687
  POINT "218"  -592.9458 1216.224
  POINT "219"  -148.4924 852.6703
  POINT "220"  550.4 1953.5
  POINT "221"  492.9 1346
  POINT "222"  895.7023 532.485
  POINT "223"  802.8084 788.5976
  POINT "225"  495.8053 906.0273
  POINT "226"  166.9603 830.0603
  POINT "227"  291.3697 1212.591
  POINT "228"  1745.4 368.5
  POINT "229"  2595.4 368.5
  POINT "230"  3445.4 368.5
  POINT "236"  3445.4 1258.5
  POINT "237"  2595.4 1258.5
  POINT "242"  3830.4 1038.5
  POINT "243"  3837.9 1038.5
  POINT "244"  3837.9 1258.5
  POINT "245"  3837.9 748.5
  POINT "246"  3830.4 743.5
  POINT "253"  1015.4 1653.5
  POINT "256"  1283.4 1653.5
  POINT "258"  2170.4 1653.5
  POINT "261"  3445.4 743.5
  POINT "262"  3837.9 1653.5
  POINT "263"  895.4 368.5
  POINT "264"  895.4 1433.5
  POINT "268"  -247.4874 1244.508
  POINT "271"  895.4 1433.5
  POINT "272"  895.4 1038.5
  POINT "16"  3445.4 1208.5
  POINT "17"  3445.4 876.5
  POINT "21"  895.4 368.5
  POINT "22"  570.845 505.7784
  POINT "27"  -745.9977 745.9977
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POINT "28"  1745.4 1433.5
POINT "31"  -211.8371 1506.632
POINT "32"  -98.48988 1363.485
POINT "34"  180.0876 1433.5
POINT "35"  -173.9247 1468.92
POINT "38"  180.0876 1580.098
POINT "40"  -27.26084 1615.645
POINT "51"  990.6800 2296.488
POINT "56"  2595.4 1843.5
POINT "57"  2178.4 1844.575
POINT "58"  1745.4 2045.65
POINT "59"  1308.4 2132.455
POINT "60"  1015.4 2219.28
POINT "1"  3445.4 1843.5
POINT "42"  498.5103 1433.5
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POINT "46"  298.5103 598.5103
POINT "47"  -58.48581 1439.5
POINT "50"  -64.76948 1653.5
POINT "52"  161.5047 1853.5
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POINT "55"  298.5103 788.5
POINT "2"  -882.358 882.358
POINT "4"  -183.8478 1180.868
POINT "5"  -252.7907 252.7907
POINT "18"  245.7195 751.301
POINT "23"  3445.4 1883.5
POINT "26"  2595.4 1883.5
POINT "28"  1745.4 1883.5
POINT "33"  895.4 1883.5
POINT "64"  -227.404 1816.135
POINT "73"  -318.1981 1400.071
POINT "74"  -480.8328 1562.706
POINT "76"  180.0876 1883.5
POINT "78"  -199.0388 1883.5
POINT "13"  3925.4 1853.5
POINT "37"  4081.028 1454.725
POINT "43"  3855.4 1853.5
POINT "61"  4429.309 1727.405
POINT "66"  4273.681 1826.181
POINT "67"  2595.4 1303.5
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POINT "70"  3887.876 1303.5
POINT "71"  3837.9 1303.5
POINT "83"  3913.626 1323.668
POINT "84"  3758.008 1522.444
POINT "90"  3822.792 1784.556
POINT "91"  4171.072 2057.237
POINT "9"  -374.7966 -974.7966
POINT "11"  -842.2168 192.6866
POINT "36"  -567.4532 567.4532
POINT "39"  -187.3833 -187.3833
POINT "44"  -754.8365 380.0899
POINT "8"  3445.4 938.5
POINT "12"  384.707 1405.87
POINT "49"  147.1881 1853.389
POINT "63"  449.4888 1380.088
POINT "65"  762.0767 1038.5
POINT "72"  1015.4 1838.5
POINT "77"  603.7815 1838.5
POINT "19"  1015.4 1346
POINT "48"  1380.4 1346
POINT "75"  2170.4 1346
POINT "79"  3925.4 938.5
POINT "80"  3825.4 1208.5
POINT "81"  3925.4 678.5
POINT "82"  3925.4 1883.5
POINT "85"  3925.4 536.5
POINT "86"  3925.4 1118.5
POINT "87"  3925.4 763.8333
POINT "92"  3925.4 1055.5 280
POINT "93"  3925.4 924.9667 280
POINT "3"  3837.9 1303.5
POINT "14"  3925.4 1503.5

$ LINE CONNECTIVITIES
  LINE  "C41"  COLUMN  "41"  "41"  1
  LINE  "C42"  COLUMN  "162"  "162"  1
  LINE  "C43"  COLUMN  "163"  "163"  1
  LINE  "C44"  COLUMN  "164"  "164"  1
  LINE  "C45"  COLUMN  "165"  "165"  1
  LINE  "C46"  COLUMN  "166"  "166"  1
  LINE  "C47"  COLUMN  "167"  "167"  1
  LINE  "C48"  COLUMN  "168"  "168"  1
  LINE  "C49"  COLUMN  "169"  "169"  1
  LINE  "C50"  COLUMN  "170"  "170"  1
  LINE  "C51"  COLUMN  "171"  "171"  1
  LINE  "C52"  COLUMN  "172"  "172"  1
  LINE  "C53"  COLUMN  "173"  "173"  1
  LINE  "C54"  COLUMN  "174"  "174"  1
  LINE  "C55"  COLUMN  "175"  "175"  1
  LINE  "C56"  COLUMN  "176"  "176"  1
  LINE  "C57"  COLUMN  "177"  "177"  1
  LINE  "C58"  COLUMN  "178"  "178"  1
  LINE  "C1"  COLUMN  "13"  "13"  1
  LINE  "C2"  COLUMN  "6"  "8"  1
  LINE  "C3"  COLUMN  "11"  "11"  1
  LINE  "C5"  COLUMN  "76"  "76"  1
  LINE  "B104"  BEAM  "41"  "162"  0
  LINE  "B105"  BEAM  "162"  "167"  0
  LINE  "B106"  BEAM  "167"  "178"  0
  LINE  "B113"  BEAM  "176"  "177"  0
  LINE  "B118"  BEAM  "177"  "178"  0
  LINE  "B123"  BEAM  "163"  "164"  0
  LINE  "B138"  BEAM  "168"  "170"  0
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  LINE  "B155"  BEAM  "173"  "175"  0
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LINE  "B159"  BEAM  "166"  "164"  0
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LINE  "B161"  BEAM  "168"  "169"  0
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LINE  "B166"  BEAM  "178"  "174"  0
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LINE  "B177"  BEAM  "194"  "195"  0
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LINE  "B181"  BEAM  "199"  "200"  0
LINE  "B182"  BEAM  "200"  "201"  0
LINE  "B184"  BEAM  "203"  "198"  0
LINE  "B186"  BEAM  "205"  "194"  0
LINE  "B187"  BEAM  "170"  "180"  0
LINE  "B190"  BEAM  "206"  "167"  0
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LINE  "B218"  BEAM  "230"  "178"  0
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LINE  "B230"  BEAM  "174"  "242"  0
LINE  "B253"  BEAM  "175"  "262"  0
LINE  "B254"  BEAM  "238"  "244"  0
LINE  "B255"  BEAM  "244"  "262"  0
LINE  "B258"  BEAM  "263"  "167"  0
LINE  "B257"  BEAM  "228"  "176"  0
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LINE  "B266"  BEAM  "272"  "168"  0
LINE  "B26"  BEAM  "22"  "21"  0
LINE  "B27"  BEAM  "21"  "263"  0
LINE  "B32"  BEAM  "27"  "265"  0
LINE  "B34"  BEAM  "264"  "29"  0
LINE  "B56"  BEAM  "220"  "51"  0
LINE  "B57"  BEAM  "258"  "57"  0
LINE  "B58"  BEAM  "171"  "58"  0
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LINE  "B60"  BEAM  "253"  "60"  0
LINE  "B1"  BEAM  "173"  "56"  0
LINE  "B3"  BEAM  "175"  "1"  0
LINE  "B5"  BEAM  "56"  "1"  0
LINE  "B43"  BEAM  "51"  "60"  0
LINE  "B44"  BEAM  "60"  "58"  0
LINE  "B45"  BEAM  "58"  "56"  0
LINE  "B48"  BEAM  "31"  "32"  0
LINE  "B50"  BEAM  "162"  "42"  0
LINE  "B52"  BEAM  "48"  "45"  0
LINE  "B55"  BEAM  "47"  "264"  0
LINE  "B63"  BEAM  "168"  "50"  0
LINE  "B64"  BEAM  "268"  "52"  0
LINE  "B65"  BEAM  "50"  "169"  0
LINE  "B69"  BEAM  "34"  "53"  0
LINE  "B67"  BEAM  "54"  "168"  0
LINE  "B68"  BEAM  "55"  "194"  0
LINE  "B2"  BEAM  "2"  "4"  0
LINE  "B4"  BEAM  "5"  "18"  0
LINE  "B24"  BEAM  "176"  "171"  0
LINE  "B37"  BEAM  "175"  "23"  0
LINE  "B38"  BEAM  "173"  "26"  0
LINE  "B39"  BEAM  "171"  "28"  0
LINE  "B40"  BEAM  "169"  "33"  0
LINE  "B52"  BEAM  "33"  "28"  0
LINE  "B54"  BEAM  "28"  "26"  0
LINE  "B62"  BEAM  "64"  "50"  0
LINE  "B74"  BEAM  "74"  "73"  0
LINE  "B75"  BEAM  "74"  "64"  0
LINE  "B76"  BEAM  "53"  "75"  0
LINE  "B78"  BEAM  "76"  "33"  0
LINE  "B81"  BEAM  "78"  "76"  0
LINE  "B82"  BEAM  "64"  "78"  0
LINE  "B83"  BEAM  "29"  "23"  0
LINE  "B12"  BEAM  "13"  "37"  0
LINE  "B20"  BEAM  "37"  "61"  0
LINE  "B23"  BEAM  "13"  "66"  0
LINE  "B41"  BEAM  "66"  "61"  0
LINE  "B47"  BEAM  "67"  "68"  0
LINE  "B70"  BEAM  "68"  "70"  0
LINE  "B71"  BEAM  "70"  "37"  0
LINE  "B80"  BEAM  "43"  "83"  0
LINE  "B86"  BEAM  "84"  "13"  0
LINE  "B87"  BEAM  "175"  "43"  0
LINE  "B92"  BEAM  "92"  "15"  0
LINE  "B93"  BEAM  "91"  "66"  0
LINE  "B94"  BEAM  "90"  "91"  0
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  LINE  "B05"  BEAM  "43"  "90"  0
  LINE  "B8"   BEAM  "0"   "41"  0
  LINE  "B8"   BEAM  "11"  "36"  0
  LINE  "B10"  BEAM  "11"  "0"   0
  LINE  "B11"  BEAM  "44"  "35"  0
  LINE  "B14"  BEAM  "175"  "13"  0
  LINE  "B18"  BEAM  "49"  "12"  0
  LINE  "B21"  BEAM  "62"  "85"  0
  LINE  "B28"  BEAM  "77"  "72"  0
  LINE  "B16"  BEAM  "256"  "39"  0
  LINE  "B17"  BEAM  "92"  "92"  0
  LINE  "B19"  BEAM  "10"  "253"  0
  LINE  "B25"  BEAM  "46"  "256"  0
  LINE  "B31"  BEAM  "75"  "258"  0
  LINE  "B35"  BEAM  "29"  "82"  0
  LINE  "B36"  BEAM  "16"  "80"  0
  LINE  "B46"  BEAM  "17"  "81"  0
  LINE  "B51"  BEAM  "81"  "89"  0
  LINE  "B61"  BEAM  "80"  "13"  0
  LINE  "B69"  BEAM  "13"  "82"  0
  LINE  "B72"  BEAM  "178"  "85"  0
  LINE  "B73"  BEAM  "85"  "81"  0
  LINE  "B77"  BEAM  "9"  "79"  0
  LINE  "B79"  BEAM  "79"  "12"  0
  LINE  "B88"  BEAM  "85"  "87"  0
  LINE  "B89"  BEAM  "87"  "88"  0
  LINE  "B90"  BEAM  "89"  "13"  0
  LINE  "B97"  BEAM  "92"  "92"  0
  LINE  "B7"  BEAM  "3"  "14"  0
  LINE  "D5"  BRACE  "40"  "35"  2
  LINE  "D6"  BRACE  "49"  "38"  2
  LINE  "D8"  BRACE  "80"  "81"  1
  LINE  "D10"  BRACE  "87"  "81"  1
  LINE  "D11"  BRACE  "78"  "82"  2
  LINE  "D12"  BRACE  "92"  "88"  0
  LINE  "D13"  BRACE  "79"  "83"  2
  LINE  "D14"  BRACE  "83"  "87"  0
  LINE  "D15"  BRACE  "82"  "13"  0

$ AREA CONNECTIVITIES
  AREA "F5"  FLOOR  4  "165"  "41"  "162"  "165"  0  0  0  0
  AREA "F13"  FLOOR  4  "162"  "213"  "208"  "167"  0  0  0  0
  AREA "F39"  FLOOR  4  "215"  "185"  "189"  "222"  0  0  0  0
  AREA "F33"  FLOOR  4  "215"  "222"  "157"  "188"  0  0  0  0
  AREA "F35"  FLOOR  4  "189"  "182"  "222"  "225"  0  0  0  0
  AREA "F44"  FLOOR  4  "189"  "225"  "215"  "226"  0  0  0  0
  AREA "F83"  FLOOR  4  "226"  "215"  "227"  "184"  0  0  0  0
  AREA "F85"  FLOOR  4  "245"  "246"  "242"  "243"  0  0  0  0
  AREA "F88"  FLOOR  4  "167"  "208"  "209"  "176"  0  0  0  0
  AREA "F90"  FLOOR  4  "230"  "178"  "176"  "228"  0  0  0  0
  AREA "F91"  FLOOR  4  "261"  "245"  "243"  "174"  0  0  0  0
  AREA "F92"  FLOOR  4  "174"  "243"  "244"  "236"  0  0  0  0
  AREA "F93"  FLOOR  4  "236"  "244"  "262"  "175"  0  0  0  0
  AREA "F94"  FLOOR  4  "167"  "263"  "228"  "176"  0  0  0  0
  AREA "F95"  FLOOR  4  "272"  "168"  "264"  "271"  0  0  0  0
  AREA "F15"  FLOOR  4  "22"  "21"  "263"  "187"  0  0  0  0
  AREA "F19"  FLOOR  4  "220"  "173"  "56"  "51"  0  0  0  0
  AREA "F18"  FLOOR  4  "173"  "175"  "1"  "58"  0  0  0  0
  AREA "F27"  FLOOR  4  "188"  "268"  "32"  "31"  0  0  0  0
  AREA "F28"  FLOOR  4  "31"  "32"  "52"  "50"  0  0  0  0
  AREA "F31"  FLOOR  4  "47"  "34"  "53"  "52"  0  0  0  0
  AREA "F32"  FLOOR  4  "34"  "264"  "169"  "53"  0  0  0  0
  AREA "F34"  FLOOR  4  "46"  "162"  "42"  "45"  0  0  0  0
  AREA "F36"  FLOOR  5  "46"  "162"  "167"  "194"  "55"  0  0  0  0  0
  AREA "F37"  FLOOR  4  "55"  "194"  "168"  "54"  0  0  0  0
  AREA "F38"  FLOOR  4  "54"  "168"  "264"  "45"  0  0  0  0
  AREA "F1"  FLOOR  4  "166"  "164"  "181"  "179"  0  0  0  0
  AREA "F17"  FLOOR  4  "183"  "168"  "169"  "181"  0  0  0  0
  AREA "F20"  FLOOR  5  "168"  "182"  "164"  "162"  "167"  0  0  0  0  0
  AREA "F21"  FLOOR  4  "167"  "178"  "175"  "169"  0  0  0  0
  AREA "F26"  FLOOR  4  "208"  "211"  "178"  "167"  0  0  0  0
  AREA "F39"  FLOOR  4  "189"  "188"  "41"  "162"  0  0  0  0
  AREA "F40"  FLOOR  4  "190"  "191"  "193"  "192"  0  0  0  0
  AREA "F41"  FLOOR  4  "191"  "190"  "186"  "188"  0  0  0  0
  AREA "F42"  FLOOR  4  "192"  "183"  "189"  "187"  0  0  0  0
  AREA "F46"  FLOOR  4  "237"  "236"  "175"  "173"  0  0  0  0
  AREA "F47"  FLOOR  4  "236"  "237"  "177"  "178"  0  0  0  0
  AREA "F48"  FLOOR  4  "200"  "173"  "169"  "198"  0  0  0  0
  AREA "F49"  FLOOR  4  "200"  "186"  "167"  "177"  0  0  0  0
  AREA "F45"  FLOOR  4  "74"  "73"  "50"  "64"  0  0  0  0
  AREA "F50"  FLOOR  5  "64"  "50"  "53"  "76"  "75"  0  0  0  0  0
  AREA "F51"  FLOOR  4  "53"  "175"  "29"  "76"  0  0  0  0
  AREA "F14"  FLOOR  5  "83"  "43"  "175"  "68"  "70"  0  0  0  0  0
  AREA "F43"  FLOOR  4  "43"  "84"  "13"  "90"  0  0  0  0
  AREA "F53"  FLOOR  4  "84"  "83"  "37"  "13"  0  0  0  0
  AREA "F54"  FLOOR  4  "13"  "37"  "61"  "66"  0  0  0  0
  AREA "F55"  FLOOR  4  "90"  "13"  "86"  "91"  0  0  0  0
  AREA "F56"  FLOOR  4  "243"  "242"  "68"  "71"  0  0  0  0
  AREA "F57"  FLOOR  4  "67"  "68"  "175"  "173"  0  0  0  0
  AREA "F58"  FLOOR  4  "68"  "67"  "177"  "178"  0  0  0  0
  AREA "F2"  FLOOR  4  "11"  "5"  "41"  "36"  0  0  0  0
  AREA "F4"  FLOOR  4  "194"  "167"  "178"  "197"  0  0  0  0
  AREA "F12"  FLOOR  4  "264"  "29"  "171"  "169"  0  0  0  0
  AREA "F22"  FLOOR  4  "29"  "264"  "194"  "195"  0  0  0  0
  AREA "F23"  FLOOR  4  "199"  "209"  "173"  "171"  0  0  0  0
  AREA "F24"  FLOOR  4  "200"  "199"  "195"  "196"  0  0  0  0
  AREA "F25"  FLOOR  4  "236"  "237"  "199"  "197"  0  0  0  0
  AREA "F59"  FLOOR  4  "163"  "164"  "265"  "27"  0  0  0  0
  AREA "F60"  FLOOR  4  "164"  "163"  "189"  "187"  0  0  0  0
  AREA "F61"  FLOOR  4  "166"  "165"  "27"  "265"  0  0  0  0
  AREA "F3"  FLOOR  4  "175"  "13"  "82"  "23"  0  0  0  0
  AREA "F6"  FLOOR  4  "175"  "15"  "80"  "13"  0  0  0  0
  AREA "F9"  FLOOR  4  "17"  "81"  "80"  "16"  0  0  0  0
  AREA "F10"  FLOOR  4  "178"  "85"  "81"  "17"  0  0  0  0
  AREA "F7"  FLOOR  4  "166"  "266"  "52"  "50"  0  0  0  0
  AREA "F8"  FLOOR  4  "47"  "264"  "169"  "52"  0  0  0  0

$ POINT ASSIGNS
  POINTASSIGN  "41"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "41"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "162"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "162"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "163"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "164"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "165"  "Base"  RESTRAINT "UX UY UZ"
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  POINTASSIGN  "165"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "166"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "166"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "167"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "167"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "168"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "169"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "169"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "170"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "171"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "171"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "172"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "173"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "173"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "174"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "174"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "175"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "175"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "176"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "176"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "177"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "177"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "178"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "178"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "19"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "243"  "3F"  USERJOINT  "Yes"
  POINTASSIGN  "245"  "3F"  USERJOINT  "Yes"
  POINTASSIGN  "79"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "43"  "2F"  USERJOINT  "Yes"
  POINTASSIGN  "86"  "2F"  USERJOINT  "Yes"
  POINTASSIGN  "6"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "6"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "11"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "11"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "39"  "1F"  SPRINGPROP "P9999"
  POINTASSIGN  "6"  "2F"  USERJOINT  "Yes"
  POINTASSIGN  "11"  "2F"  USERJOINT  "Yes"
  POINTASSIGN  "39"  "2F"  USERJOINT  "Yes"
  POINTASSIGN  "13"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "242"  "3F"  USERJOINT  "Yes"
  POINTASSIGN  "246"  "3F"  USERJOINT  "Yes"
  POINTASSIGN  "79"  "Base"  RESTRAINT "UX UY UZ"

$ LINE ASSIGNS
  LINEASSIGN  "C41"  "1F"  SECTION "C_80X80_8/36_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C42"  "1F"  SECTION "C_B80_8/20_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C43"  "1F"  SECTION "C_80X80_8/36_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C44"  "1F"  SECTION "C_80X80_8/36_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C45"  "1F"  SECTION "C_80X80_8/36_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C46"  "1F"  SECTION "C_80X80_8/36_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C47"  "1F"  SECTION "C_B80_8/20_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C48"  "1F"  SECTION "C_B80_8/20_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C49"  "1F"  SECTION "C_B80_8/16_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C50"  "1F"  SECTION "C_80X80_8/36_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C51"  "1F"  SECTION "C_B80_8/16_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C52"  "1F"  SECTION "C_80X80_8/36_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C53"  "1F"  SECTION "C_B80_8/16_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C54"  "1F"  SECTION "C_80X170_8/8-17_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C55"  "1F"  SECTION "C_B80_8/20_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C56"  "1F"  SECTION "C_80X80_8/36_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C57"  "1F"  SECTION "C_80X80_8/36_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C58"  "1F"  SECTION "C_80X80_8/36_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B104"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B105"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B106"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B110"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B118"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B123"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B138"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B143"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B144"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B145"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B151"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B152"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B153"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B154"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B155"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B156"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B157"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B158"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B159"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B160"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B161"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B162"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B163"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B164"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B165"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B166"  "1F"  SECTION "BF_50X145_280"  PROPMODIF33 0.9 RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B167"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B169"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B171"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B172"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B173"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B174"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B175"  "1F"  SECTION "BF_30X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B176"  "1F"  SECTION "BF_30X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B177"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B178"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B179"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B180"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B181"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B182"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B184"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B188"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B187"  "1F"  SECTION "BF_50X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B198"  "1F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B100"  "1F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B101"  "1F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B102"  "1F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B103"  "1F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B196"  "1F"  SECTION "B_30X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B197"  "1F"  SECTION "B_30X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B200"  "1F"  SECTION "B_30X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B195"  "1F"  SECTION "B_30X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
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LINEASSIGN "C41" "2F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 ANG 45 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C42" "2F" SECTION "C_D80_8/20_280" RIGIDZONE 1 ANG 45 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C43" "2F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 ANG 45 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C44" "2F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 ANG 45 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C45" "2F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 ANG 45 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C46" "2F" SECTION "C_80X80_8/32_280" RIGIDZONE 1 ANG 45 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C47" "2F" SECTION "C_D80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C48" "2F" SECTION "C_D80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C49" "2F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C50" "2F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C51" "2F" SECTION "C_D80_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C52" "2F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C53" "2F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C54" "2F" SECTION "C_80X170_8-8-17_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C55" "2F" SECTION "C_D80_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C56" "2F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C57" "2F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C58" "2F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B104" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B105" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B106" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B110" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B118" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B123" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B138" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B143" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B144" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B145" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B207" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B153" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B154" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B155" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B156" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B157" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B159" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B160" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B161" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B162" "2F" SECTION "B_50X70_280" PROPMOD133 0.8 RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
LINEASSIGN "B163" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B164" "2F" SECTION "B_50X70_280" PROPMOD133 0.8 RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
LINEASSIGN "B165" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B166" "2F" SECTION "B_50X70_280" PROPMOD133 0.8 RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
LINEASSIGN "B167" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B204" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B172" "2F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B173" "2F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B175" "2F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B176" "2F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B177" "2F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B178" "2F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B179" "2F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B180" "2F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B181" "2F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B202" "2F" SECTION "B_40X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B205" "2F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B206" "2F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B158" "2F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B253" "2F" SECTION "B_40X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B254" "2F" SECTION "B_40X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B255" "2F" SECTION "B_40X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B83" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B295" "3F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B296" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C41" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 ANG 45 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C42" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 ANG 45 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C43" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 ANG 45 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C44" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 ANG 45 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C45" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 ANG 45 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C46" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 ANG 45 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C47" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C48" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C49" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C51" "R1F" SECTION "C_D80_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C52" "R1F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C53" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C54" "R1F" SECTION "C_80X170_8/8-13_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C55" "R1F" SECTION "C_D80_8/16_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C58" "R1F" SECTION "C_80X80_8/20_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C57" "R1F" SECTION "C_80X80_8/28_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "C58" "R1F" SECTION "C_80X80_8/24_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B104" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B105" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B109" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B110" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B118" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B123" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B138" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B143" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B144" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B145" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B153" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B164" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B155" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B156" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B157" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B158" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B160" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B161" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B24" "R1F" SECTION "B_50X70_283" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B164" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B165" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B166" "R1F" SECTION "B_50X70_280" PROPMOD133 0.9 RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
LINEASSIGN "B167" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B173" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B175" "R1F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B176" "R1F" SECTION "B_30X50_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B177" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B178" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B179" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B180" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B181" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B256" "R1F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B257" "R1F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B217" "R1F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B218" "R1F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B219" "R1F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B220" "R1F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B258" "R1F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B158" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B174" "R1F" SECTION "B_40X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B83" "R1F" SECTION "S_H500X200_40" RELEASE "M21 M31"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
LINEASSIGN "B35" "R1F" SECTION "S_H500X200_40" RELEASE "M2J M3J"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
LINEASSIGN "B14" "R1F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B96" "R1F" SECTION "S_H500X200_40" RELEASE "M21 M31"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
LINEASSIGN "B46" "R1F" SECTION "S_H500X200_40" RELEASE "M21 M31"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
LINEASSIGN "B51" "R1F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B26" "R1F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B27" "R1F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B32" "R1F" SECTION "B_40X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B94" "R1F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B48" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B86" "3F" SECTION "B_50X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "D5" "3F" SECTION "S_P500X12_40" RELEASE "M2J M3J"RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "D9" "3F" SECTION "S_P500X12_40" RELEASE "M2J M3J"RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B50" "2F" SECTION "S_H500X200_40" RELEASE "M2J M3J"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
LINEASSIGN "B1" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B9" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B12" "2F" SECTION "B_40X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B82" "2F" SECTION "B_40X70_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B43" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
LINEASSIGN "B44" "2F" SECTION "S_H500X200_40" RELEASE "M2J M3J"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
LINEASSIGN "B45" "2F" SECTION "S_H500X200_40" RELEASE "PINNED"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
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MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B5"  "2F"  SECTION "S_H500X200_40"  RELEASE "PINNED"RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B59"  "3F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B59"  "3F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B5"  "3F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B65"  "3F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B63"  "R1F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B53"  "R1F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B55"  "R1F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B65"  "R1F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B67"  "R1F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B68"  "R1F"  SECTION "B_40X60_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C41"  "PF"  SECTION "C_80X80_8/20_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C42"  "PF"  SECTION "C_D80_8/16_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C43"  "PF"  SECTION "C_80X80_8/20_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C44"  "PF"  SECTION "C_80X80_8/20_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C45"  "PF"  SECTION "C_80X80_8/20_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C46"  "PF"  SECTION "C_80X80_8/20_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B104"  "PF"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B123"  "PF"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B145"  "PF"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B156"  "PF"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B157"  "PF"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B158"  "PF"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B158"  "PF"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B2"  "PF"  SECTION "B_40X60_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B4"  "PF"  SECTION "B_40X60_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B61"  "R1F"  SECTION "S_H500X200_40"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B89"  "R1F"  SECTION "S_H500X200_40"  RELEASE "M2J M3J"RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B37"  "R1F"  SECTION "S_H500X200_40"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B38"  "R1F"  SECTION "S_H500X200_40"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B39"  "R1F"  SECTION "S_H500X200_40"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B40"  "R1F"  SECTION "S_H500X200_40"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B76"  "R1F"  SECTION "S_H500X200_40"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B72"  "R1F"  SECTION "S_H350X175_40"  RELEASE "PINNED"RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B73"  "R1F"  SECTION "S_H500X200_40"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B52"  "R1F"  SECTION "S_H350X175_40"  RELEASE "T1 M2I M2J M3I M3J"RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B54"  "R1F"  SECTION "S_H350X175_40"  RELEASE "T1 M2I M2J M3I M3J"RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B82"  "R1F"  SECTION "S_H350X175_40"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B74"  "R1F"  SECTION "S_H350X175_40"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B81"  "R1F"  SECTION "S_H350X175_40"  RELEASE "T1 M2I M3I"RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B78"  "R1F"  SECTION "S_H350X175_40"  RELEASE "M2I M3J"RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B75"  "R1F"  SECTION "S_H350X175_40"  RELEASE "T1 M2I M3I"RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B62"  "R1F"  SECTION "S_H350X175_40"  RELEASE "M2J M3J"RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B95"  "2F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B94"  "2F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B28"  "2F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B93"  "2F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B41"  "2F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B80"  "2F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B86"  "2F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B23"  "2F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C2"  "1F"  SECTION "C_50X50_8/20_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C3"  "1F"  SECTION "C_50X50_8/20_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B8"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B9"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B10"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B11"  "1F"  SECTION "BF_40X145_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C2"  "2F"  SECTION "C_50X50_8/20_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C3"  "2F"  SECTION "C_50X50_8/20_280"  RIGIDZONE 1 ANG  45 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B8"  "2F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B9"  "2F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B10"  "2F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B11"  "2F"  SECTION "B_40X60_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C2"  "1F"  SECTION "C_D80160_6/12-20_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B77"  "1F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B79"  "1F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B14"  "1F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B18"  "1F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B21"  "1F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B28"  "2F"  SECTION "S_H500X200_40"  RELEASE "PINNED"RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C1"  "1F"  SECTION "C_D80_8/20_280"  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B64"  "R1F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B16"  "3F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B17"  "3F"  SECTION "B_40X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B19"  "3F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B25"  "2F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B31"  "2F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B230"  "3F"  SECTION "B_50X70_280"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D8"  "R1F"  SECTION "S_PS00X12_40"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D10"  "R1F"  SECTION "S_PS00X12_40"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B88"  "3F"  SECTION "S_H580X200_40"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B88"  "3F"  SECTION "S_H580X200_40"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B88"  "3F"  SECTION "S_H580X200+PL16_40"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D11"  "3F"  SECTION "S_PS00X12_40"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D12"  "3F"  SECTION "S_PS03X12_40"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D13"  "3F"  SECTION "S_PS03X12_40"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D14"  "3F"  SECTION "S_PS03X12_40"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B97"  "3F"  SECTION "S_H503X200_40"  RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D15"  "3F"  SECTION "S_H500X200_40"  RELEASE "M2J M3J"RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B99"  "3F"  SECTION "S_H500X200+PL16_40"  RELEASE "M2J M3J"RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B7"  "3F"  SECTION "S_H500X200_40"  RELEASE "PINNED"RIGIDZONE 1 CARDINALPT 8  MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"

$ AREA ASSIGNS
  AREAASSIGN  "F5"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F13"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F30"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F33"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F35"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F44"  "2F"  SECTION "QS15S"  DIAPH  "D1"  ANG 45 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F63"  "2F"  SECTION "QS15S"  DIAPH  "D1"  ANG 45 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F80"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F99"  "2F"  SECTION "QS15S"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F5"  "3F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F64"  "3F"  SECTION "QS15S"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F90"  "3F"  SECTION "QS15S"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F63"  "3F"  SECTION "QS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F91"  "3F"  SECTION "QS15S"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F92"  "3F"  SECTION "QS15S"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F95"  "3F"  SECTION "QS15"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F64"  "R1F"  SECTION "SS"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F60"  "R1F"  SECTION "SS"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F51"  "R1F"  SECTION "SS"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F3"  "R1F"  SECTION "SS"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F6"  "R1F"  SECTION "SS"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F9"  "R1F"  SECTION "SS"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F15"  "R1F"  SECTION "SS"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F10"  "2F"  SECTION "SS"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F18"  "2F"  SECTION "SS"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F27"  "3F"  SECTION "QS25"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F29"  "3F"  SECTION "QS25"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F31"  "3F"  SECTION "QS25"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F32"  "3F"  SECTION "QS25"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F34"  "3F"  SECTION "QS25"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F7"  "R1F"  SECTION "QS25"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F8"  "R1F"  SECTION "QS25"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F36"  "R1F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F37"  "R1F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F38"  "R1F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F5"  "PF"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F5"  "1F"  SECTION "QS55MAT"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOR0FFSETS "No"
  AREAASSIGN  "F1"  "1F"  SECTION "QS55MAT"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F17"  "1F"  SECTION "QS55MAT"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F20"  "1F"  SECTION "QS55MAT"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F21"  "1F"  SECTION "QS55MAT"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F13"  "1F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F26"  "1F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F39"  "R1F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F40"  "R1F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F41"  "R1F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F42"  "R1F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F46"  "3F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F47"  "3F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F48"  "3F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F49"  "3F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F57"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F58"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F48"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F49"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F10"  "R1F"  SECTION "SS"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F45"  "R1F"  SECTION "SS"  DIAPH  "D1"  ANG -45 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F50"  "R1F"  SECTION "SS"  DIAPH  "D1"  ANG 90 OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F14"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F43"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F59"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F54"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F55"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F2"  "1F"  SECTION "QS55MAT"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F2"  "2F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F4"  "R1F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F12"  "R1F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F22"  "R1F"  SECTION "QS15"  DIAPH  "D1"  OBJMESHT
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SEISMIC "EQXN"  USERLOAD   SET 1  "R1F"  "D1"  FX 332500  ECC -0.0505
SEISMIC "EQXN"  USERLOAD   SET 1  "3F"  "D1"  FX 235600  ECC -0.0505
SEISMIC "EQXN"  USERLOAD   SET 1  "2F"  "D1"  FX 132000  ECC -0.0505
SEISMIC "EQYN"  'User Loads'
SEISMIC "EQYN"  USERLOAD   SET 1  "PF"  "D1"  FY 59000  ECC -0.089
SEISMIC "EQYN"  USERLOAD   SET 1  "R1F"  "D1"  FY 332500  ECC -0.089
SEISMIC "EQYN"  USERLOAD   SET 1  "3F"  "D1"  FY 235600  ECC -0.089
SEISMIC "EQYN"  USERLOAD   SET 1  "2F"  "D1"  FY 132000  ECC -0.089

$ POINT OBJECT LOADS

$ FRAME OBJECT LOADS
  LINELOAD  "B51"  "R1F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "B51"  "R1F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6
  LINELOAD  "B61"  "R1F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "B61"  "R1F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6
  LINELOAD  "B69"  "R1F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "B69"  "R1F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6
  LINELOAD  "B73"  "R1F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "B73"  "R1F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6
  LINELOAD  "D6"  "R1F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "D6"  "R1F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6
  LINELOAD  "D10"  "R1F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "D10"  "R1F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6
  LINELOAD  "B88"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "B88"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6
  LINELOAD  "B89"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "B89"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6
  LINELOAD  "B90"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "B90"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6
  LINELOAD  "D12"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "D12"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6
  LINELOAD  "D14"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "D14"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6
  LINELOAD  "B97"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "B97"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6
  LINELOAD  "D15"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "D15"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6
  LINELOAD  "B69"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXN"  FVAL -6
  LINELOAD  "B69"  "3F"  TYPE "UNIFF"  DIR "X"  LC "WLXP"  FVAL 6

$ SHELL OBJECT LOADS
  AREALOAD  "F5"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F5"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F13"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F13"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F33"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F33"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F33"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F33"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F35"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F35"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F44"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F44"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F63"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F63"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F88"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F88"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F90"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F90"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F5"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F5"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F94"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F94"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F90"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F90"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F93"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F93"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F91"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F91"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F92"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F92"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F95"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F95"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F94"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.006
  AREALOAD  "F94"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "WLXP"  FVAL 0.015
  AREALOAD  "F90"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.006
  AREALOAD  "F90"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "WLXP"  FVAL 0.015
  AREALOAD  "F91"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.006
  AREALOAD  "F91"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "WLXP"  FVAL 0.015
  AREALOAD  "F3"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.006
  AREALOAD  "F3"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "WLXP"  FVAL 0.015
  AREALOAD  "F6"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.006
  AREALOAD  "F8"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "WLXP"  FVAL 0.015
  AREALOAD  "F9"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.006
  AREALOAD  "F9"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "WLXP"  FVAL 0.015
  AREALOAD  "F15"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.006
  AREALOAD  "F15"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "WLXP"  FVAL 0.015
  AREALOAD  "F18"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.006
  AREALOAD  "F18"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "WLXP"  FVAL 0.015
  AREALOAD  "F18"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.006
  AREALOAD  "F18"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "WLXP"  FVAL 0.015
  AREALOAD  "F27"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F27"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F28"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F28"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F31"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F31"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F32"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F32"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F34"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F34"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F7"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F7"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F8"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F8"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F36"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F35"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F37"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F37"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F38"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F38"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F5"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.035
  AREALOAD  "F5"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F5"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
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```
  AREALOAD  "F5"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.02
  AREALOAD  "F5"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DLM"  FVAL -0.682
  AREALOAD  "F5"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LLM"  FVAL -0.155
  AREALOAD  "F1"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F1"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.02
  AREALOAD  "F1"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DLM"  FVAL -0.682
  AREALOAD  "F1"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LLM"  FVAL -0.155
  AREALOAD  "F17"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F17"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.02
  AREALOAD  "F17"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DLM"  FVAL -0.682
  AREALOAD  "F17"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LLM"  FVAL -0.155
  AREALOAD  "F20"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F20"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.02
  AREALOAD  "F20"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DLM"  FVAL -0.682
  AREALOAD  "F20"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LLM"  FVAL -0.155
  AREALOAD  "F21"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F21"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.02
  AREALOAD  "F21"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DLM"  FVAL -0.682
  AREALOAD  "F21"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LLM"  FVAL -0.155
  AREALOAD  "F12"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F13"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.02
  AREALOAD  "F26"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F26"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.02
  AREALOAD  "F39"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F39"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F39"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.02
  AREALOAD  "F40"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F40"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.1
  AREALOAD  "F41"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F41"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F42"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F42"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F46"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F46"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F47"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F47"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F48"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F48"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F49"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F49"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F57"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F57"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F58"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F58"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F48"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F48"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F48"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F48"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F10"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.006
  AREALOAD  "F10"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "WLXP"  FVAL 0.015
  AREALOAD  "F45"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.006
  AREALOAD  "F45"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "WLXP"  FVAL 0.015
  AREALOAD  "F50"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.006
  AREALOAD  "F50"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "WLXP"  FVAL 0.015
  AREALOAD  "F14"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F14"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F42"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F43"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F52"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F53"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F54"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F54"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F55"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F55"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F2"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.02
  AREALOAD  "F2"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DLM"  FVAL -0.682
  AREALOAD  "F2"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LLM"  FVAL -0.155
  AREALOAD  "F2"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.1
  AREALOAD  "F2"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.032
  AREALOAD  "F2"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.02
  AREALOAD  "F2"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.108
  AREALOAD  "F4"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F4"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F12"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F12"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F22"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F22"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F22"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.02
  AREALOAD  "F23"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F23"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F24"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F24"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F24"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.02
  AREALOAD  "F46"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F46"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F25"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F25"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F25"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.02
  AREALOAD  "F50"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F59"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F59"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.06
  AREALOAD  "F60"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F60"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F61"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.034
  AREALOAD  "F61"  "R1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.025
  AREALOAD  "F58"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F56"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036
  AREALOAD  "F62"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD  "F85"  "3F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.036

$ ANALYSIS OPTIONS
  ACTIVEDOF "UX UY UZ RX RY RZ"
  MODELBUTRESSINLINKS "No"
  PDELTA  METHOD "NONITERATIVE"
  AUTOMESHOPTIONS  MESHTYPE "RECTANGULAR"  LOCALIZEDFLOORMESHING  "Yes"  FLOORMESHMERGEJOINTS  "Yes"  FLOORMESHMAXSIZE  125
WALLMESHMAXSIZE  125

$ MASS SOURCE
  MASSSOURCE  "MsSrc1"  INCLUDEELEMENTS "No"  INCLUDEADDEDMASS "No"  INCLUDELOADS "Yes"  INCLUDEMOVE "No"  INCLUDELATERALMASS
"Yes"  INCLUDEVERTICALMASS "No"  LUMPATSTORIES "Yes"  ISDEFAULT "Yes"
  MASSSOURCELOAD  "MsSrc1"  "DL"  1
  MASSSOURCELOAD  "MsSrc1"  "LL25"  0.25
  MASSSOURCELOAD  "MsSrc1"  "LL50"  0.5
  MASSSOURCELOAD  "MsSrc1"  "LL100"  1
```

```
$ GENERALIZED DISPLACEMENTS

$ LOAD CASES
  LOADCASE "Modal"  TYPE  "Modal - Eigen"  INITCOND  "PRESET"
  LOADCASE "Modal"  MAXMODES  25 MINMODES  25 EIGENSHIFTFREQ  0 EIGENCUTOFF  0 EIGENTOL  1E-07
  LOADCASE "DL"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "DL"  LOADPAT  "DL"  SF  1
  LOADCASE "DL"  LOADPAT  "PLN"  SF  1
  LOADCASE "LL"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "LL"  LOADPAT  "LL"  SF  1
  LOADCASE "LL"  LOADPAT  "LL25"  SF  1
  LOADCASE "LL"  LOADPAT  "LL50"  SF  1
  LOADCASE "LL"  LOADPAT  "LL100"  SF  1
  LOADCASE "LL"  LOADPAT  "LLM"  SF  1
  LOADCASE "EQXP"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "EQXP"  LOADPAT  "EQXP"  SF  1
  LOADCASE "EQYP"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "EQYP"  LOADPAT  "EQYP"  SF  1
  LOADCASE "EQXM"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "EQXM"  LOADPAT  "EQXM"  SF  1
  LOADCASE "EQYM"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "EQYM"  LOADPAT  "EQYM"  SF  1
  LOADCASE "WLXP"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "WLXP"  LOADPAT  "WLXP"  SF  1
  LOADCASE "WLXM"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "WLXM"  LOADPAT  "WLXM"  SF  1
  LOADCASE "WLYP"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "WLYP"  LOADPAT  "WLYP"  SF  1
  LOADCASE "WLYM"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "WLYM"  LOADPAT  "WLYM"  SF  1
  LOADCASE "DLM"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "DLM"  LOADPAT  "DLM"  SF  1
  LOADCASE "LLM"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "LLM"  LOADPAT  "LLM"  SF  1

$ LOAD COMBINATIONS
  COMBO "EQZ"  TYPE "Linear Add"
  COMBO "EQZ"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "EQZ"  LOADCASE "DL"  SF 0.9
  COMBO "LSS101"  TYPE "Linear Add"
  COMBO "LSS101"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS101"  LOADCASE "DL"  SF 1.4
  COMBO "LSS102"  TYPE "Linear Add"
  COMBO "LSS102"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS102"  LOADCASE "DL"  SF 1.2
  COMBO "LSS102"  LOADCASE "LL"  SF 1.6
  COMBO "LSS111P"  TYPE "Linear Add"
  COMBO "LSS111P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS111P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS111P"  LOADCASE "LL"  SF 1
  COMBO "LSS111P"  LOADCASE "EQXP"  SF 1
  COMBO "LSS111P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS112P"  TYPE "Linear Add"
  COMBO "LSS112P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS112P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS112P"  LOADCASE "LL"  SF 1
  COMBO "LSS112P"  LOADCASE "EQXP"  SF 1
  COMBO "LSS112P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS113P"  TYPE "Linear Add"
  COMBO "LSS113P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS113P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS113P"  LOADCASE "LL"  SF 1
  COMBO "LSS113P"  LOADCASE "EQXP"  SF -1
  COMBO "LSS113P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS114P"  TYPE "Linear Add"
  COMBO "LSS114P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS114P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS114P"  LOADCASE "LL"  SF 1
  COMBO "LSS114P"  LOADCASE "EQXP"  SF -1
  COMBO "LSS114P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS121P"  TYPE "Linear Add"
  COMBO "LSS121P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS121P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS121P"  LOADCASE "LL"  SF 1
  COMBO "LSS121P"  LOADCASE "EQXP"  SF 0.3
  COMBO "LSS121P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS122P"  TYPE "Linear Add"
  COMBO "LSS122P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS122P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS122P"  LOADCASE "LL"  SF 1
  COMBO "LSS122P"  LOADCASE "EQXP"  SF 0.3
  COMBO "LSS122P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS123P"  TYPE "Linear Add"
  COMBO "LSS123P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS123P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS123P"  LOADCASE "LL"  SF 1
  COMBO "LSS123P"  LOADCASE "EQXP"  SF -0.3
  COMBO "LSS123P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS124P"  TYPE "Linear Add"
  COMBO "LSS124P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS124P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS124P"  LOADCASE "LL"  SF 1
  COMBO "LSS124P"  LOADCASE "EQXP"  SF -0.3
  COMBO "LSS124P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS131P"  TYPE "Linear Add"
  COMBO "LSS131P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS131P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS131P"  LOADCASE "EQYP"  SF 1
  COMBO "LSS131P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS132P"  TYPE "Linear Add"
  COMBO "LSS132P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS132P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS132P"  LOADCASE "EQYP"  SF 1
  COMBO "LSS132P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS133P"  TYPE "Linear Add"
  COMBO "LSS133P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS133P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS133P"  LOADCASE "EQYP"  SF -1
  COMBO "LSS133P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS134P"  TYPE "Linear Add"
  COMBO "LSS134P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS134P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS134P"  LOADCASE "EQYP"  SF -1
  COMBO "LSS134P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS141P"  TYPE "Linear Add"
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  COMBO "LSS141P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS141P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS141P"  LOADCASE "EQXP"  SF 0.3
  COMBO "LSS141P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS142P"  TYPE "Linear Add"
  COMBO "LSS142P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS142P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS142P"  LOADCASE "EQXP"  SF 0.3
  COMBO "LSS142P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS143P"  TYPE "Linear Add"
  COMBO "LSS143P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS143P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS143P"  LOADCASE "EQXP"  SF -0.3
  COMBO "LSS143P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS144P"  TYPE "Linear Add"
  COMBO "LSS144P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS144P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS144P"  LOADCASE "EQXP"  SF -0.3
  COMBO "LSS144P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS211P"  TYPE "Linear Add"
  COMBO "LSS211P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS211P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS211P"  LOADCASE "LL"  SF 1
  COMBO "LSS211P"  LOADCASE "EQYP"  SF 1
  COMBO "LSS211P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS212P"  TYPE "Linear Add"
  COMBO "LSS212P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS212P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS212P"  LOADCASE "LL"  SF 1
  COMBO "LSS212P"  LOADCASE "EQYP"  SF 1
  COMBO "LSS212P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS213P"  TYPE "Linear Add"
  COMBO "LSS213P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS213P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS213P"  LOADCASE "LL"  SF 1
  COMBO "LSS213P"  LOADCASE "EQYP"  SF -1
  COMBO "LSS213P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS214P"  TYPE "Linear Add"
  COMBO "LSS214P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS214P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS214P"  LOADCASE "LL"  SF 1
  COMBO "LSS214P"  LOADCASE "EQYP"  SF -1
  COMBO "LSS214P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS221P"  TYPE "Linear Add"
  COMBO "LSS221P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS221P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS221P"  LOADCASE "LL"  SF 1
  COMBO "LSS221P"  LOADCASE "EQYP"  SF 0.3
  COMBO "LSS221P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS222P"  TYPE "Linear Add"
  COMBO "LSS222P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS222P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS222P"  LOADCASE "LL"  SF 1
  COMBO "LSS222P"  LOADCASE "EQYP"  SF 0.3
  COMBO "LSS222P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS223P"  TYPE "Linear Add"
  COMBO "LSS223P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS223P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS223P"  LOADCASE "LL"  SF 1
  COMBO "LSS223P"  LOADCASE "EQYP"  SF -0.3
  COMBO "LSS223P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS224P"  TYPE "Linear Add"
  COMBO "LSS224P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS224P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS224P"  LOADCASE "LL"  SF 1
  COMBO "LSS224P"  LOADCASE "EQYP"  SF -0.3
  COMBO "LSS224P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS231P"  TYPE "Linear Add"
  COMBO "LSS231P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS231P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS231P"  LOADCASE "EQYP"  SF 1
  COMBO "LSS231P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS232P"  TYPE "Linear Add"
  COMBO "LSS232P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS232P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS232P"  LOADCASE "EQYP"  SF 1
  COMBO "LSS232P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS233P"  TYPE "Linear Add"
  COMBO "LSS233P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS233P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS233P"  LOADCASE "EQYP"  SF -1
  COMBO "LSS233P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS234P"  TYPE "Linear Add"
  COMBO "LSS234P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS234P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS234P"  LOADCASE "EQYP"  SF -1
  COMBO "LSS234P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS241P"  TYPE "Linear Add"
  COMBO "LSS241P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS241P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS241P"  LOADCASE "EQYP"  SF 0.3
  COMBO "LSS241P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS242P"  TYPE "Linear Add"
  COMBO "LSS242P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS242P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS242P"  LOADCASE "EQYP"  SF 0.3
  COMBO "LSS242P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS243P"  TYPE "Linear Add"
  COMBO "LSS243P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS243P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS243P"  LOADCASE "EQYP"  SF -0.3
  COMBO "LSS243P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS244P"  TYPE "Linear Add"
  COMBO "LSS244P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS244P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS244P"  LOADCASE "EQYP"  SF -0.3
  COMBO "LSS244P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS111N"  TYPE "Linear Add"
  COMBO "LSS111N"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS111N"  LOADCASE "DL"  SF 1.2
  COMBO "LSS111N"  LOADCASE "LL"  SF 1
  COMBO "LSS111N"  LOADCASE "EQXN"  SF 1
  COMBO "LSS111N"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS112N"  TYPE "Linear Add"
  COMBO "LSS112N"  DESIGN "Steel"  COMBOTYPE "Strength"
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COMBO "LSS112N"  LOADCASE "DL"  SF 1.2
COMBO "LSS112N"  LOADCASE "LL"  SF 1
COMBO "LSS112N"  LOADCASE "EQXN"  SF 1
COMBO "LSS112N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS113N"  TYPE "Linear Add"
COMBO "LSS113N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS113N"  LOADCASE "DL"  SF 1.2
COMBO "LSS113N"  LOADCASE "LL"  SF 1
COMBO "LSS113N"  LOADCASE "EQXN"  SF -1
COMBO "LSS113N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS114N"  TYPE "Linear Add"
COMBO "LSS114N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS114N"  LOADCASE "DL"  SF 1.2
COMBO "LSS114N"  LOADCASE "LL"  SF 1
COMBO "LSS114N"  LOADCASE "EQXN"  SF -1
COMBO "LSS114N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS121N"  TYPE "Linear Add"
COMBO "LSS121N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS121N"  LOADCASE "DL"  SF 1.2
COMBO "LSS121N"  LOADCASE "LL"  SF 1
COMBO "LSS121N"  LOADCASE "EQXN"  SF 0.3
COMBO "LSS121N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS122N"  TYPE "Linear Add"
COMBO "LSS122N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS122N"  LOADCASE "DL"  SF 1.2
COMBO "LSS122N"  LOADCASE "LL"  SF 1
COMBO "LSS122N"  LOADCASE "EQXN"  SF 0.3
COMBO "LSS122N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS123N"  TYPE "Linear Add"
COMBO "LSS123N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS123N"  LOADCASE "DL"  SF 1.2
COMBO "LSS123N"  LOADCASE "LL"  SF 1
COMBO "LSS123N"  LOADCASE "EQXN"  SF -0.3
COMBO "LSS123N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS124N"  TYPE "Linear Add"
COMBO "LSS124N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS124N"  LOADCASE "DL"  SF 1.2
COMBO "LSS124N"  LOADCASE "LL"  SF 1
COMBO "LSS124N"  LOADCASE "EQXN"  SF -0.3
COMBO "LSS124N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS131N"  TYPE "Linear Add"
COMBO "LSS131N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS131N"  LOADCASE "DL"  SF 0.9
COMBO "LSS131N"  LOADCASE "EQXN"  SF 1
COMBO "LSS131N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS132N"  TYPE "Linear Add"
COMBO "LSS132N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS132N"  LOADCASE "DL"  SF 0.9
COMBO "LSS132N"  LOADCASE "EQXN"  SF 1
COMBO "LSS132N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS133N"  TYPE "Linear Add"
COMBO "LSS133N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS133N"  LOADCASE "DL"  SF 0.9
COMBO "LSS133N"  LOADCASE "EQXN"  SF -1
COMBO "LSS133N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS134N"  TYPE "Linear Add"
COMBO "LSS134N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS134N"  LOADCASE "DL"  SF 0.9
COMBO "LSS134N"  LOADCASE "EQXN"  SF -1
COMBO "LSS134N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS141N"  TYPE "Linear Add"
COMBO "LSS141N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS141N"  LOADCASE "DL"  SF 0.9
COMBO "LSS141N"  LOADCASE "EQXN"  SF 0.3
COMBO "LSS141N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS142N"  TYPE "Linear Add"
COMBO "LSS142N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS142N"  LOADCASE "DL"  SF 0.9
COMBO "LSS142N"  LOADCASE "EQXN"  SF 0.3
COMBO "LSS142N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS143N"  TYPE "Linear Add"
COMBO "LSS143N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS143N"  LOADCASE "DL"  SF 0.9
COMBO "LSS143N"  LOADCASE "EQXN"  SF -0.3
COMBO "LSS143N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS144N"  TYPE "Linear Add"
COMBO "LSS144N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS144N"  LOADCASE "DL"  SF 0.9
COMBO "LSS144N"  LOADCASE "EQXN"  SF -0.3
COMBO "LSS144N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS211N"  TYPE "Linear Add"
COMBO "LSS211N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS211N"  LOADCASE "DL"  SF 1.2
COMBO "LSS211N"  LOADCASE "LL"  SF 1
COMBO "LSS211N"  LOADCASE "EQYN"  SF 1
COMBO "LSS211N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS212N"  TYPE "Linear Add"
COMBO "LSS212N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS212N"  LOADCASE "DL"  SF 1.2
COMBO "LSS212N"  LOADCASE "LL"  SF 1
COMBO "LSS212N"  LOADCASE "EQYN"  SF 1
COMBO "LSS212N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS213N"  TYPE "Linear Add"
COMBO "LSS213N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS213N"  LOADCASE "DL"  SF 1.2
COMBO "LSS213N"  LOADCASE "LL"  SF 1
COMBO "LSS213N"  LOADCASE "EQYN"  SF -1
COMBO "LSS213N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS214N"  TYPE "Linear Add"
COMBO "LSS214N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS214N"  LOADCASE "DL"  SF 1.2
COMBO "LSS214N"  LOADCASE "LL"  SF 1
COMBO "LSS214N"  LOADCASE "EQYN"  SF -1
COMBO "LSS214N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS221N"  TYPE "Linear Add"
COMBO "LSS221N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS221N"  LOADCASE "DL"  SF 1.2
COMBO "LSS221N"  LOADCASE "LL"  SF 1
COMBO "LSS221N"  LOADCASE "EQYN"  SF 0.3
COMBO "LSS221N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS222N"  TYPE "Linear Add"
COMBO "LSS222N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS222N"  LOADCASE "DL"  SF 1.2
COMBO "LSS222N"  LOADCASE "LL"  SF 1
COMBO "LSS222N"  LOADCASE "EQYN"  SF 0.3
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COMBO "LSS222N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS223N"  TYPE "Linear Add"
COMBO "LSS223N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS223N"  LOADCASE "DL"  SF 1.2
COMBO "LSS223N"  LOADCASE "LL"  SF 1
COMBO "LSS223N"  LOADCASE "EQYN"  SF -0.3
COMBO "LSS223N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS224N"  TYPE "Linear Add"
COMBO "LSS224N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS224N"  LOADCASE "DL"  SF 1.2
COMBO "LSS224N"  LOADCASE "LL"  SF 1
COMBO "LSS224N"  LOADCASE "EQYN"  SF -0.3
COMBO "LSS224N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS231N"  TYPE "Linear Add"
COMBO "LSS231N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS231N"  LOADCASE "DL"  SF 0.9
COMBO "LSS231N"  LOADCASE "EQYN"  SF 1
COMBO "LSS231N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS232N"  TYPE "Linear Add"
COMBO "LSS232N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS232N"  LOADCASE "DL"  SF 0.9
COMBO "LSS232N"  LOADCASE "EQYN"  SF 1
COMBO "LSS232N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS233N"  TYPE "Linear Add"
COMBO "LSS233N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS233N"  LOADCASE "DL"  SF 0.9
COMBO "LSS233N"  LOADCASE "EQYN"  SF -1
COMBO "LSS233N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS234N"  TYPE "Linear Add"
COMBO "LSS234N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS234N"  LOADCASE "DL"  SF 0.9
COMBO "LSS234N"  LOADCASE "EQYN"  SF -1
COMBO "LSS234N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS241N"  TYPE "Linear Add"
COMBO "LSS241N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS241N"  LOADCASE "DL"  SF 0.9
COMBO "LSS241N"  LOADCASE "EQYN"  SF 0.3
COMBO "LSS241N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS242N"  TYPE "Linear Add"
COMBO "LSS242N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS242N"  LOADCASE "DL"  SF 0.9
COMBO "LSS242N"  LOADCASE "EQYN"  SF 0.3
COMBO "LSS242N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS243N"  TYPE "Linear Add"
COMBO "LSS243N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS243N"  LOADCASE "DL"  SF 0.9
COMBO "LSS243N"  LOADCASE "EQYN"  SF -0.3
COMBO "LSS243N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS244N"  TYPE "Linear Add"
COMBO "LSS244N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS244N"  LOADCASE "DL"  SF 0.9
COMBO "LSS244N"  LOADCASE "EQYN"  SF -0.3
COMBO "LSS244N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS311"  TYPE "Linear Add"
COMBO "LSS311"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS311"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS311"  LOADCASE "DL"  SF 1.2
COMBO "LSS311"  LOADCASE "LL"  SF 1
COMBO "LSS311"  LOADCASE "WLXP"  SF 1.6
COMBO "LSS312"  TYPE "Linear Add"
COMBO "LSS312"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS312"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS312"  LOADCASE "DL"  SF 1.2
COMBO "LSS312"  LOADCASE "LL"  SF 1
COMBO "LSS312"  LOADCASE "WLXM"  SF 1.6
COMBO "LSS321"  TYPE "Linear Add"
COMBO "LSS321"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS321"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS321"  LOADCASE "DL"  SF 0.9
COMBO "LSS321"  LOADCASE "WLXP"  SF 1.6
COMBO "LSS322"  TYPE "Linear Add"
COMBO "LSS322"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS322"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS322"  LOADCASE "DL"  SF 0.9
COMBO "LSS322"  LOADCASE "WLXM"  SF 1.6
COMBO "LSS411"  TYPE "Linear Add"
COMBO "LSS411"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS411"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS411"  LOADCASE "DL"  SF 1.2
COMBO "LSS411"  LOADCASE "LL"  SF 1
COMBO "LSS411"  LOADCASE "WLYP"  SF 1.6
COMBO "LSS412"  TYPE "Linear Add"
COMBO "LSS412"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS412"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS412"  LOADCASE "DL"  SF 1.2
COMBO "LSS412"  LOADCASE "LL"  SF 1
COMBO "LSS412"  LOADCASE "WLYM"  SF 1.6
COMBO "LSS421"  TYPE "Linear Add"
COMBO "LSS421"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS421"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS421"  LOADCASE "DL"  SF 0.9
COMBO "LSS421"  LOADCASE "WLYP"  SF 1.6
COMBO "LSS422"  TYPE "Linear Add"
COMBO "LSS422"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS422"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS422"  LOADCASE "DL"  SF 0.9
COMBO "LSS422"  LOADCASE "WLYM"  SF 1.6
COMBO "NRC101"  TYPE "Linear Add"
COMBO "NRC101"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC101"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC101"  LOADCASE "DL"  SF 1.4
COMBO "NRC102"  TYPE "Linear Add"
COMBO "NRC102"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC102"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC102"  LOADCASE "DL"  SF 1.2
COMBO "NRC102"  LOADCASE "LL"  SF 1.6
COMBO "NRC111P"  TYPE "Linear Add"
COMBO "NRC111P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC111P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC111P"  LOADCASE "DL"  SF 1.2
COMBO "NRC111P"  LOADCASE "LL"  SF 1
COMBO "NRC111P"  LOADCASE "EQZP"  SF 1
COMBO "NRC111P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC112P"  TYPE "Linear Add"
COMBO "NRC112P"  DESIGN "Concrete"  COMBOTYPE "Strength"
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COMBO "NRC112P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC112P"  LOADCASE "DL"  SF 1.2
COMBO "NRC112P"  LOADCASE "LL"  SF 1
COMBO "NRC112P"  LOADCASE "EQXP"  SF 1
COMBO "NRC112P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC113P"  TYPE "Linear Add"
COMBO "NRC113P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC113P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC113P"  LOADCASE "DL"  SF 1.2
COMBO "NRC113P"  LOADCASE "LL"  SF 1
COMBO "NRC113P"  LOADCASE "EQXP"  SF -1
COMBO "NRC113P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC114P"  TYPE "Linear Add"
COMBO "NRC114P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC114P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC114P"  LOADCASE "DL"  SF 1.2
COMBO "NRC114P"  LOADCASE "LL"  SF 1
COMBO "NRC114P"  LOADCASE "EQXN"  SF -1
COMBO "NRC114P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC121P"  TYPE "Linear Add"
COMBO "NRC121P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC121P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC121P"  LOADCASE "DL"  SF 1.2
COMBO "NRC121P"  LOADCASE "LL"  SF 1
COMBO "NRC121P"  LOADCASE "EQYP"  SF 0.3
COMBO "NRC121P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC122P"  TYPE "Linear Add"
COMBO "NRC122P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC122P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC122P"  LOADCASE "DL"  SF 1.2
COMBO "NRC122P"  LOADCASE "LL"  SF 1
COMBO "NRC122P"  LOADCASE "EQXP"  SF 0.3
COMBO "NRC122P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC123P"  TYPE "Linear Add"
COMBO "NRC123P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC123P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC123P"  LOADCASE "DL"  SF 1.2
COMBO "NRC123P"  LOADCASE "LL"  SF 1
COMBO "NRC123P"  LOADCASE "EQXP"  SF -0.3
COMBO "NRC123P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC124P"  TYPE "Linear Add"
COMBO "NRC124P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC124P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC124P"  LOADCASE "DL"  SF 1.2
COMBO "NRC124P"  LOADCASE "LL"  SF 1
COMBO "NRC124P"  LOADCASE "EQXP"  SF -0.3
COMBO "NRC124P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC131P"  TYPE "Linear Add"
COMBO "NRC131P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC131P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC131P"  LOADCASE "DL"  SF 0.9
COMBO "NRC131P"  LOADCASE "EQXP"  SF 1
COMBO "NRC131P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC132P"  TYPE "Linear Add"
COMBO "NRC132P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC132P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC132P"  LOADCASE "DL"  SF 0.9
COMBO "NRC132P"  LOADCASE "EQXP"  SF 1
COMBO "NRC132P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC133P"  TYPE "Linear Add"
COMBO "NRC133P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC133P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC133P"  LOADCASE "DL"  SF 0.9
COMBO "NRC133P"  LOADCASE "EQXN"  SF -1
COMBO "NRC133P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC134P"  TYPE "Linear Add"
COMBO "NRC134P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC134P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC134P"  LOADCASE "DL"  SF 0.9
COMBO "NRC134P"  LOADCASE "EQXN"  SF -1
COMBO "NRC134P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC141P"  TYPE "Linear Add"
COMBO "NRC141P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC141P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC141P"  LOADCASE "DL"  SF 0.9
COMBO "NRC141P"  LOADCASE "EQXP"  SF 0.3
COMBO "NRC141P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC142P"  TYPE "Linear Add"
COMBO "NRC142P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC142P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC142P"  LOADCASE "DL"  SF 0.9
COMBO "NRC142P"  LOADCASE "EQXP"  SF 0.3
COMBO "NRC142P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC143P"  TYPE "Linear Add"
COMBO "NRC143P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC143P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC143P"  LOADCASE "DL"  SF 0.9
COMBO "NRC143P"  LOADCASE "EQXP"  SF -0.3
COMBO "NRC143P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC144P"  TYPE "Linear Add"
COMBO "NRC144P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC144P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC144P"  LOADCASE "DL"  SF 0.9
COMBO "NRC144P"  LOADCASE "EQXP"  SF -0.3
COMBO "NRC144P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC211P"  TYPE "Linear Add"
COMBO "NRC211P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC211P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC211P"  LOADCASE "DL"  SF 1.2
COMBO "NRC211P"  LOADCASE "LL"  SF 1
COMBO "NRC211P"  LOADCASE "EQYP"  SF 1
COMBO "NRC211P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC212P"  TYPE "Linear Add"
COMBO "NRC212P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC212P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC212P"  LOADCASE "DL"  SF 1.2
COMBO "NRC212P"  LOADCASE "LL"  SF 1
COMBO "NRC212P"  LOADCASE "EQYP"  SF 1
COMBO "NRC212P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC213P"  TYPE "Linear Add"
COMBO "NRC213P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC213P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC213P"  LOADCASE "DL"  SF 1.2
COMBO "NRC213P"  LOADCASE "LL"  SF 1
COMBO "NRC213P"  LOADCASE "EQYP"  SF -1
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COMBO "NRC213P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC214P"  TYPE "Linear Add"
COMBO "NRC214P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC214P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC214P"  LOADCASE "DL"  SF 1.2
COMBO "NRC214P"  LOADCASE "LL"  SF 1
COMBO "NRC214P"  LOADCASE "EQYP"  SF -1
COMBO "NRC214P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC221P"  TYPE "Linear Add"
COMBO "NRC221P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC221P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC221P"  LOADCASE "DL"  SF 1.2
COMBO "NRC221P"  LOADCASE "LL"  SF 1
COMBO "NRC221P"  LOADCASE "EQYP"  SF 0.3
COMBO "NRC221P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC222P"  TYPE "Linear Add"
COMBO "NRC222P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC222P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC222P"  LOADCASE "DL"  SF 1.2
COMBO "NRC222P"  LOADCASE "LL"  SF 1
COMBO "NRC222P"  LOADCASE "EQYP"  SF 0.3
COMBO "NRC222P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC223P"  TYPE "Linear Add"
COMBO "NRC223P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC223P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC223P"  LOADCASE "DL"  SF 1.2
COMBO "NRC223P"  LOADCASE "LL"  SF 1
COMBO "NRC223P"  LOADCASE "EQYP"  SF -0.3
COMBO "NRC223P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC224P"  TYPE "Linear Add"
COMBO "NRC224P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC224P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC224P"  LOADCASE "DL"  SF 1.2
COMBO "NRC224P"  LOADCASE "LL"  SF 1
COMBO "NRC224P"  LOADCASE "EQYP"  SF -0.3
COMBO "NRC224P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC231P"  TYPE "Linear Add"
COMBO "NRC231P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC231P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC231P"  LOADCASE "DL"  SF 0.9
COMBO "NRC231P"  LOADCASE "EQYP"  SF 1
COMBO "NRC231P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC232P"  TYPE "Linear Add"
COMBO "NRC232P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC232P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC232P"  LOADCASE "DL"  SF 0.9
COMBO "NRC232P"  LOADCASE "EQYP"  SF 1
COMBO "NRC232P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC233P"  TYPE "Linear Add"
COMBO "NRC233P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC233P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC233P"  LOADCASE "DL"  SF 0.9
COMBO "NRC233P"  LOADCASE "EQYP"  SF -1
COMBO "NRC233P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC234P"  TYPE "Linear Add"
COMBO "NRC234P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC234P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC234P"  LOADCASE "DL"  SF 0.9
COMBO "NRC234P"  LOADCASE "EQYP"  SF -1
COMBO "NRC234P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC241P"  TYPE "Linear Add"
COMBO "NRC241P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC241P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC241P"  LOADCASE "DL"  SF 0.9
COMBO "NRC241P"  LOADCASE "EQYP"  SF 0.3
COMBO "NRC241P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC242P"  TYPE "Linear Add"
COMBO "NRC242P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC242P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC242P"  LOADCASE "DL"  SF 0.9
COMBO "NRC242P"  LOADCASE "EQYP"  SF 0.3
COMBO "NRC242P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC243P"  TYPE "Linear Add"
COMBO "NRC243P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC243P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC243P"  LOADCASE "DL"  SF 0.9
COMBO "NRC243P"  LOADCASE "EQYP"  SF -0.3
COMBO "NRC243P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC244P"  TYPE "Linear Add"
COMBO "NRC244P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC244P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC244P"  LOADCASE "DL"  SF 0.9
COMBO "NRC244P"  LOADCASE "EQYP"  SF -0.3
COMBO "NRC244P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC111N"  TYPE "Linear Add"
COMBO "NRC111N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC111N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC111N"  LOADCASE "DL"  SF 1.2
COMBO "NRC111N"  LOADCASE "LL"  SF 1
COMBO "NRC111N"  LOADCASE "EQXN"  SF 1
COMBO "NRC111N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC112N"  TYPE "Linear Add"
COMBO "NRC112N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC112N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC112N"  LOADCASE "DL"  SF 1.2
COMBO "NRC112N"  LOADCASE "LL"  SF 1
COMBO "NRC112N"  LOADCASE "EQXN"  SF 1
COMBO "NRC112N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC113N"  TYPE "Linear Add"
COMBO "NRC113N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC113N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC113N"  LOADCASE "DL"  SF 1.2
COMBO "NRC113N"  LOADCASE "LL"  SF 1
COMBO "NRC113N"  LOADCASE "EQXN"  SF -1
COMBO "NRC113N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC114N"  TYPE "Linear Add"
COMBO "NRC114N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC114N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC114N"  LOADCASE "DL"  SF 1.2
COMBO "NRC114N"  LOADCASE "LL"  SF 1
COMBO "NRC114N"  LOADCASE "EQXN"  SF -1
COMBO "NRC114N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC121N"  TYPE "Linear Add"
COMBO "NRC121N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC121N"  DESIGN "Wall"  COMBOTYPE "Strength"
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COMBO "NRC121N"  LOADCASE "DL"  SF 1.2
COMBO "NRC121N"  LOADCASE "LL"  SF 1
COMBO "NRC121N"  LOADCASE "EQXN"  SF 0.3
COMBO "NRC121N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC122N"  TYPE "Linear Add"
COMBO "NRC122N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC122N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC122N"  LOADCASE "DL"  SF 1.2
COMBO "NRC122N"  LOADCASE "LL"  SF 1
COMBO "NRC122N"  LOADCASE "EQXN"  SF 0.3
COMBO "NRC122N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC123N"  TYPE "Linear Add"
COMBO "NRC123N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC123N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC123N"  LOADCASE "DL"  SF 1.2
COMBO "NRC123N"  LOADCASE "LL"  SF 1
COMBO "NRC123N"  LOADCASE "EQXN"  SF -0.3
COMBO "NRC123N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC124N"  TYPE "Linear Add"
COMBO "NRC124N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC124N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC124N"  LOADCASE "DL"  SF 1.2
COMBO "NRC124N"  LOADCASE "LL"  SF 1
COMBO "NRC124N"  LOADCASE "EQXN"  SF -0.3
COMBO "NRC124N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC131N"  TYPE "Linear Add"
COMBO "NRC131N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC131N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC131N"  LOADCASE "DL"  SF 0.9
COMBO "NRC131N"  LOADCASE "EQXN"  SF 1
COMBO "NRC131N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC132N"  TYPE "Linear Add"
COMBO "NRC132N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC132N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC132N"  LOADCASE "DL"  SF 0.9
COMBO "NRC132N"  LOADCASE "EQXN"  SF 1
COMBO "NRC132N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC133N"  TYPE "Linear Add"
COMBO "NRC133N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC133N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC133N"  LOADCASE "DL"  SF 0.9
COMBO "NRC133N"  LOADCASE "EQXN"  SF -1
COMBO "NRC133N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC134N"  TYPE "Linear Add"
COMBO "NRC134N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC134N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC134N"  LOADCASE "DL"  SF 0.9
COMBO "NRC134N"  LOADCASE "EQXN"  SF -1
COMBO "NRC134N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC141N"  TYPE "Linear Add"
COMBO "NRC141N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC141N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC141N"  LOADCASE "DL"  SF 0.9
COMBO "NRC141N"  LOADCASE "EQXN"  SF 0.3
COMBO "NRC141N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC142N"  TYPE "Linear Add"
COMBO "NRC142N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC142N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC142N"  LOADCASE "DL"  SF 0.9
COMBO "NRC142N"  LOADCASE "EQXN"  SF 0.3
COMBO "NRC142N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC143N"  TYPE "Linear Add"
COMBO "NRC143N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC143N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC143N"  LOADCASE "DL"  SF 0.9
COMBO "NRC143N"  LOADCASE "EQXN"  SF -0.3
COMBO "NRC143N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC144N"  TYPE "Linear Add"
COMBO "NRC144N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC144N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC144N"  LOADCASE "DL"  SF 0.9
COMBO "NRC144N"  LOADCASE "EQXN"  SF -0.3
COMBO "NRC144N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC211N"  TYPE "Linear Add"
COMBO "NRC211N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC211N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC211N"  LOADCASE "DL"  SF 1.2
COMBO "NRC211N"  LOADCASE "LL"  SF 1
COMBO "NRC211N"  LOADCASE "EQYN"  SF 1
COMBO "NRC211N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC212N"  TYPE "Linear Add"
COMBO "NRC212N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC212N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC212N"  LOADCASE "DL"  SF 1.2
COMBO "NRC212N"  LOADCASE "LL"  SF 1
COMBO "NRC212N"  LOADCASE "EQYN"  SF 1
COMBO "NRC212N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC213N"  TYPE "Linear Add"
COMBO "NRC213N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC213N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC213N"  LOADCASE "DL"  SF 1.2
COMBO "NRC213N"  LOADCASE "LL"  SF 1
COMBO "NRC213N"  LOADCASE "EQYN"  SF -1
COMBO "NRC213N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC214N"  TYPE "Linear Add"
COMBO "NRC214N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC214N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC214N"  LOADCASE "DL"  SF 1.2
COMBO "NRC214N"  LOADCASE "LL"  SF 1
COMBO "NRC214N"  LOADCASE "EQYN"  SF -1
COMBO "NRC214N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC221N"  TYPE "Linear Add"
COMBO "NRC221N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC221N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC221N"  LOADCASE "DL"  SF 1.2
COMBO "NRC221N"  LOADCASE "LL"  SF 1
COMBO "NRC221N"  LOADCASE "EQYN"  SF 0.3
COMBO "NRC221N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC222N"  TYPE "Linear Add"
COMBO "NRC222N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC222N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC222N"  LOADCASE "DL"  SF 1.2
COMBO "NRC222N"  LOADCASE "LL"  SF 1
COMBO "NRC222N"  LOADCASE "EQYN"  SF 0.3
COMBO "NRC222N"  LOADCOMBO "EQZ"  SF -1
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COMBO "NRC223N"  TYPE "Linear Add"
COMBO "NRC223N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC223N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC223N"  LOADCASE "DL"  SF 1.2
COMBO "NRC223N"  LOADCASE "LL"  SF 1
COMBO "NRC223N"  LOADCASE "EQYN"  SF -0.3
COMBO "NRC223N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC224N"  TYPE "Linear Add"
COMBO "NRC224N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC224N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC224N"  LOADCASE "DL"  SF 1.2
COMBO "NRC224N"  LOADCASE "LL"  SF 1
COMBO "NRC224N"  LOADCASE "EQYN"  SF -0.3
COMBO "NRC224N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC231N"  TYPE "Linear Add"
COMBO "NRC231N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC231N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC231N"  LOADCASE "DL"  SF 0.9
COMBO "NRC231N"  LOADCASE "EQYN"  SF 1
COMBO "NRC231N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC232N"  TYPE "Linear Add"
COMBO "NRC232N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC232N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC232N"  LOADCASE "DL"  SF 0.9
COMBO "NRC232N"  LOADCASE "EQYN"  SF 1
COMBO "NRC232N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC233N"  TYPE "Linear Add"
COMBO "NRC233N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC233N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC233N"  LOADCASE "DL"  SF 0.9
COMBO "NRC233N"  LOADCASE "EQYN"  SF -1
COMBO "NRC233N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC234N"  TYPE "Linear Add"
COMBO "NRC234N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC234N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC234N"  LOADCASE "DL"  SF 0.9
COMBO "NRC234N"  LOADCASE "EQYN"  SF -1
COMBO "NRC234N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC241N"  TYPE "Linear Add"
COMBO "NRC241N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC241N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC241N"  LOADCASE "DL"  SF 0.9
COMBO "NRC241N"  LOADCASE "EQYN"  SF 0.3
COMBO "NRC241N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC242N"  TYPE "Linear Add"
COMBO "NRC242N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC242N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC242N"  LOADCASE "DL"  SF 0.9
COMBO "NRC242N"  LOADCASE "EQYN"  SF 0.3
COMBO "NRC242N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC243N"  TYPE "Linear Add"
COMBO "NRC243N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC243N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC243N"  LOADCASE "DL"  SF 0.9
COMBO "NRC243N"  LOADCASE "EQYN"  SF -0.3
COMBO "NRC243N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC244N"  TYPE "Linear Add"
COMBO "NRC244N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC244N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC244N"  LOADCASE "DL"  SF 0.9
COMBO "NRC244N"  LOADCASE "EQYN"  SF -0.3
COMBO "NRC244N"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC111P"  TYPE "Linear Add"
COMBO "DNRC111P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC111P"  LOADCASE "LL"  SF 1
COMBO "DNRC111P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC112P"  TYPE "Linear Add"
COMBO "DNRC112P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC112P"  LOADCASE "LL"  SF 1
COMBO "DNRC112P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC113P"  TYPE "Linear Add"
COMBO "DNRC113P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC113P"  LOADCASE "LL"  SF 1
COMBO "DNRC113P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC114P"  TYPE "Linear Add"
COMBO "DNRC114P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC114P"  LOADCASE "LL"  SF 1
COMBO "DNRC114P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC121P"  TYPE "Linear Add"
COMBO "DNRC121P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC121P"  LOADCASE "LL"  SF 1
COMBO "DNRC121P"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC122P"  TYPE "Linear Add"
COMBO "DNRC122P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC122P"  LOADCASE "LL"  SF 1
COMBO "DNRC122P"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC123P"  TYPE "Linear Add"
COMBO "DNRC123P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC123P"  LOADCASE "LL"  SF 1
COMBO "DNRC123P"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC124P"  TYPE "Linear Add"
COMBO "DNRC124P"  LOADCASE "DL"  SF 1.2
COMBO "DNRC124P"  LOADCASE "LL"  SF 1
COMBO "DNRC124P"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC131P"  TYPE "Linear Add"
COMBO "DNRC131P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC131P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC132P"  TYPE "Linear Add"
COMBO "DNRC132P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC132P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC133P"  TYPE "Linear Add"
COMBO "DNRC133P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC133P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DNRC134P"  TYPE "Linear Add"
COMBO "DNRC134P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC134P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DNRC141P"  TYPE "Linear Add"
COMBO "DNRC141P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC141P"  LOADCOMBO "EQZ"  SF 1
COMBO "DNRC142P"  TYPE "Linear Add"
COMBO "DNRC142P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC142P"  LOADCOMBO "EQZ"  SF -1
COMBO "DNRC143P"  TYPE "Linear Add"
COMBO "DNRC143P"  LOADCASE "DL"  SF 0.9
COMBO "DNRC143P"  LOADCOMBO "EQZ"  SF 1
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COMBO "DWRC144P"  TYPE "Linear Add"
COMBO "DWRC144P"  LOADCASE "DL"  SF 0.9
COMBO "DWRC144P"  LOADCOMBO "EQZ"  SF -1
COMBO "DWRC211P"  TYPE "Linear Add"
COMBO "DWRC211P"  LOADCASE "DL"  SF 1.2
COMBO "DWRC211P"  LOADCASE "LL"  SF 1
COMBO "DWRC211P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DWRC212P"  TYPE "Linear Add"
COMBO "DWRC212P"  LOADCASE "DL"  SF 1.2
COMBO "DWRC212P"  LOADCASE "LL"  SF 1
COMBO "DWRC212P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DWRC213P"  TYPE "Linear Add"
COMBO "DWRC213P"  LOADCASE "DL"  SF 1.2
COMBO "DWRC213P"  LOADCASE "LL"  SF 1
COMBO "DWRC213P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DWRC214P"  TYPE "Linear Add"
COMBO "DWRC214P"  LOADCASE "DL"  SF 1.2
COMBO "DWRC214P"  LOADCASE "LL"  SF 1
COMBO "DWRC214P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DWRC221P"  TYPE "Linear Add"
COMBO "DWRC221P"  LOADCASE "DL"  SF 1.2
COMBO "DWRC221P"  LOADCASE "LL"  SF 1
COMBO "DWRC221P"  LOADCOMBO "EQZ"  SF 1
COMBO "DWRC222P"  TYPE "Linear Add"
COMBO "DWRC222P"  LOADCASE "DL"  SF 1.2
COMBO "DWRC222P"  LOADCASE "LL"  SF 1
COMBO "DWRC222P"  LOADCOMBO "EQZ"  SF -1
COMBO "DWRC223P"  TYPE "Linear Add"
COMBO "DWRC223P"  LOADCASE "DL"  SF 1.2
COMBO "DWRC223P"  LOADCASE "LL"  SF 1
COMBO "DWRC223P"  LOADCOMBO "EQZ"  SF 1
COMBO "DWRC224P"  TYPE "Linear Add"
COMBO "DWRC224P"  LOADCASE "DL"  SF 1.2
COMBO "DWRC224P"  LOADCASE "LL"  SF 1
COMBO "DWRC224P"  LOADCOMBO "EQZ"  SF -1
COMBO "DWRC231P"  TYPE "Linear Add"
COMBO "DWRC231P"  LOADCASE "DL"  SF 0.9
COMBO "DWRC231P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DWRC232P"  TYPE "Linear Add"
COMBO "DWRC232P"  LOADCASE "DL"  SF 0.9
COMBO "DWRC232P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DWRC233P"  TYPE "Linear Add"
COMBO "DWRC233P"  LOADCASE "DL"  SF 0.9
COMBO "DWRC233P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DWRC234P"  TYPE "Linear Add"
COMBO "DWRC234P"  LOADCASE "DL"  SF 0.9
COMBO "DWRC234P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DWRC241P"  TYPE "Linear Add"
COMBO "DWRC241P"  LOADCASE "DL"  SF 0.9
COMBO "DWRC241P"  LOADCOMBO "EQZ"  SF 1
COMBO "DWRC242P"  TYPE "Linear Add"
COMBO "DWRC242P"  LOADCASE "DL"  SF 0.9
COMBO "DWRC242P"  LOADCOMBO "EQZ"  SF -1
COMBO "DWRC243P"  TYPE "Linear Add"
COMBO "DWRC243P"  LOADCASE "DL"  SF 0.9
COMBO "DWRC243P"  LOADCOMBO "EQZ"  SF 1
COMBO "DWRC244P"  TYPE "Linear Add"
COMBO "DWRC244P"  LOADCASE "DL"  SF 0.9
COMBO "DWRC244P"  LOADCOMBO "EQZ"  SF -1
COMBO "DWRC111N"  TYPE "Linear Add"
COMBO "DWRC111N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC111N"  LOADCASE "LL"  SF 1
COMBO "DWRC111N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DWRC112N"  TYPE "Linear Add"
COMBO "DWRC112N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC112N"  LOADCASE "LL"  SF 1
COMBO "DWRC112N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DWRC113N"  TYPE "Linear Add"
COMBO "DWRC113N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC113N"  LOADCASE "LL"  SF 1
COMBO "DWRC113N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DWRC114N"  TYPE "Linear Add"
COMBO "DWRC114N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC114N"  LOADCASE "LL"  SF 1
COMBO "DWRC114N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DWRC121N"  TYPE "Linear Add"
COMBO "DWRC121N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC121N"  LOADCASE "LL"  SF 1
COMBO "DWRC121N"  LOADCOMBO "EQZ"  SF 1
COMBO "DWRC122N"  TYPE "Linear Add"
COMBO "DWRC122N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC122N"  LOADCASE "LL"  SF 1
COMBO "DWRC122N"  LOADCOMBO "EQZ"  SF -1
COMBO "DWRC123N"  TYPE "Linear Add"
COMBO "DWRC123N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC123N"  LOADCASE "LL"  SF 1
COMBO "DWRC123N"  LOADCOMBO "EQZ"  SF 1
COMBO "DWRC124N"  TYPE "Linear Add"
COMBO "DWRC124N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC124N"  LOADCASE "LL"  SF 1
COMBO "DWRC124N"  LOADCOMBO "EQZ"  SF -1
COMBO "DWRC131N"  TYPE "Linear Add"
COMBO "DWRC131N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC131N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DWRC132N"  TYPE "Linear Add"
COMBO "DWRC132N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC132N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DWRC133N"  TYPE "Linear Add"
COMBO "DWRC133N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC133N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DWRC134N"  TYPE "Linear Add"
COMBO "DWRC134N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC134N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DWRC141N"  TYPE "Linear Add"
COMBO "DWRC141N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC141N"  LOADCOMBO "EQZ"  SF 1
COMBO "DWRC142N"  TYPE "Linear Add"
COMBO "DWRC142N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC142N"  LOADCOMBO "EQZ"  SF -1
COMBO "DWRC143N"  TYPE "Linear Add"
COMBO "DWRC143N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC143N"  LOADCOMBO "EQZ"  SF 1
COMBO "DWRC144N"  TYPE "Linear Add"
COMBO "DWRC144N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC144N"  LOADCOMBO "EQZ"  SF -1
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COMBO "DWRC211N"  TYPE "Linear Add"
COMBO "DWRC211N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC211N"  LOADCASE "LL"  SF 1
COMBO "DWRC211N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DWRC212N"  TYPE "Linear Add"
COMBO "DWRC212N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC212N"  LOADCASE "LL"  SF 1
COMBO "DWRC212N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DWRC213N"  TYPE "Linear Add"
COMBO "DWRC213N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC213N"  LOADCASE "LL"  SF 1
COMBO "DWRC213N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DWRC214N"  TYPE "Linear Add"
COMBO "DWRC214N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC214N"  LOADCASE "LL"  SF 1
COMBO "DWRC214N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DWRC221N"  TYPE "Linear Add"
COMBO "DWRC221N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC221N"  LOADCASE "LL"  SF 1
COMBO "DWRC221N"  LOADCOMBO "EQZ"  SF 1
COMBO "DWRC222N"  TYPE "Linear Add"
COMBO "DWRC222N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC222N"  LOADCASE "LL"  SF 1
COMBO "DWRC222N"  LOADCOMBO "EQZ"  SF -1
COMBO "DWRC223N"  TYPE "Linear Add"
COMBO "DWRC223N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC223N"  LOADCASE "LL"  SF 1
COMBO "DWRC223N"  LOADCOMBO "EQZ"  SF 1
COMBO "DWRC224N"  TYPE "Linear Add"
COMBO "DWRC224N"  LOADCASE "DL"  SF 1.2
COMBO "DWRC224N"  LOADCASE "LL"  SF 1
COMBO "DWRC224N"  LOADCOMBO "EQZ"  SF -1
COMBO "DWRC231N"  TYPE "Linear Add"
COMBO "DWRC231N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC231N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DWRC232N"  TYPE "Linear Add"
COMBO "DWRC232N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC232N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DWRC233N"  TYPE "Linear Add"
COMBO "DWRC233N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC233N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "DWRC234N"  TYPE "Linear Add"
COMBO "DWRC234N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC234N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "DWRC241N"  TYPE "Linear Add"
COMBO "DWRC241N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC241N"  LOADCOMBO "EQZ"  SF 1
COMBO "DWRC242N"  TYPE "Linear Add"
COMBO "DWRC242N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC242N"  LOADCOMBO "EQZ"  SF -1
COMBO "DWRC243N"  TYPE "Linear Add"
COMBO "DWRC243N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC243N"  LOADCOMBO "EQZ"  SF 1
COMBO "DWRC244N"  TYPE "Linear Add"
COMBO "DWRC244N"  LOADCASE "DL"  SF 0.9
COMBO "DWRC244N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS01"  TYPE "Linear Add"
COMBO "LSS01"  DESIGN "Steel"  COMBOTYPE "Deflection"
COMBO "LSS01"  LOADCASE "DL"  SF 1
COMBO "LSS02"  TYPE "Linear Add"
COMBO "LSS02"  DESIGN "Steel"  COMBOTYPE "Deflection"
COMBO "LSS02"  LOADCASE "DL"  SF 1
COMBO "LSS02"  LOADCASE "LL"  SF 1
COMBO "DWRC0"  TYPE "Envelope"
COMBO "DWRC0"  LOADCOMBO "NRC101"  SF 1
COMBO "DWRC0"  LOADCOMBO "NRC102"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC111P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC112P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC113P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC114P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC121P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC122P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC123P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC124P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC131P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC132P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC133P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC134P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC141P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC142P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC143P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC144P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC211P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC212P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC213P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC214P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC221P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC222P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC223P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC224P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC231P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC232P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC233P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC234P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC241P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC242P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC243P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC244P"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC111N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC112N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC113N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC114N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC121N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC122N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC123N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC124N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC131N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC132N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC133N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC134N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC141N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC142N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC143N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC144N"  SF 1
COMBO "DWRC0"  LOADCOMBO "DWRC211N"  SF 1
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COMBO "DNRC0"  LOADCOMBO "DNRC212N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC213N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC214N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC221N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC222N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC223N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC234N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC231N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC232N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC233N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC234N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC241N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC242N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC243N"  SF 1
COMBO "DNRC0"  LOADCOMBO "DNRC244N"  SF 1
COMBO "NRC0"  TYPE "Envelope"
COMBO "NRC0"  LOADCOMBO "NRC101"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC102"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC111P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC112P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC113P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC114P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC121P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC122P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC123P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC124P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC131P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC132P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC133P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC134P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC141P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC142P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC143P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC144P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC211P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC212P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC213P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC214P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC221P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC222P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC223P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC224P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC231P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC232P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC233P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC234P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC241P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC242P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC243P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC244P"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC111N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC112N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC113N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC114N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC121N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC122N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC123N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC124N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC131N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC132N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC133N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC134N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC141N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC142N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC143N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC144N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC211N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC212N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC213N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC214N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC221N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC222N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC223N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC224N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC231N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC232N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC233N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC234N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC241N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC242N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC243N"  SF 1
COMBO "NRC0"  LOADCOMBO "NRC244N"  SF 1

$ GENERAL DESIGN PREFERENCES
  GENERALPREFERENCE  STRUCTURALSYSTEM "FRAME ONLY"  STORYSTIFFNESSTYPE "STORY SHEAR/DISP"  OVERTURNTYPE "FROM STORY SHEAR"  GAMMA_0 1
GAMMA_1 1
  GENERALPREFERENCE  OVERSTRENGTHFACTOR 1.1 SEISMICPERFORMANCECLASS "NORMAL"  AUTOBEAMSTIFFEN "NO"  TALLBUILDING "NO"  TALLBUILDINGCLASS
"B"
  GENERALPREFERENCE  IRREGULARSTORYMODIFIER 1.25 DUALSYSTEMMAXSMF 2 SEISWICGROUP "I"

$ STEEL DESIGN PREFERENCES
  STEELPREFERENCE  CODE "AISC LRFD 93"  THDESIGN "EVERYSTEP-ALL"  FRAMETYPE "MOMENT FRAME"
  STEELPREFERENCE  PHITBLRFD 0.9 PHICLRFD 0.85 PHITLRFD 0.9 PHIVLRFD 0.9 PHICANGLELRFD 0.9
  STEELPREFERENCE  CONSIDERDEFLECTION "YES"
  STEELPREFERENCE  DLDEFLECTIONLIMIT 120 SLDEFLECTIONLIMIT 120 LLDEFLECTIONLIMIT 360 TLDEFLECTIONLIMIT 240 TLMCDEFLECTIONLIMIT 240
  STEELPREFERENCE  PATTERNLLF 0.75 MAXITERATION 1 SRLIMIT 0.95

$ CONCRETE DESIGN PREFERENCES
  CONCRETEPREFERENCE  CODE "ACI 318-08" THDESIGN "EVERYSTEP"  CONSIDERMINECCENTRICITY "YES"  DESIGNFORBCCR "YES"
  CONCRETEPREFERENCE  IGNOREBENEFICIALPUINBEAMDESIGN "NO"
  CONCRETEPREFERENCE  NUMINTERCURVES 24  NUMINTERPOINTS 11  PATTERNLLF 0.75  UFLIMIT 1
  CONCRETEPREFERENCE  SDC "D"  BRD 1  SRS 1
  CONCRETEPREFERENCE  PHITENSIONCTRL 0.9  PHICOMPRESSIONCTRLTIED 0.65  PHICOMPRESSIONCTRLSPIRAL 0.7
  CONCRETEPREFERENCE  PHISHEARTORSION 0.75  PHISHEARSEISMIC 0.6  PHISHEARJOINT 0.85
  CONCRETEPREFERENCE  USERSTRESS "NO"  INITCONCRAT 0.8  LLFRACTION 0

$ CONCRETE DESIGN OVERWRITES
  CONCRETEDATA  "C41"  "1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C42"  "1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C43"  "1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C44"  "1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C45"  "1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C46"  "1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C47"  "1F"  TYPE "ORDINARY"
  CONCRETEDATA  "C48"  "1F"  TYPE "ORDINARY"
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CONCRETEDATA  "C49"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "C50"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "C51"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "C52"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "C53"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "C54"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "C55"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "C56"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "C57"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "C58"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B104"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B104"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B105"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B105"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B106"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B106"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B110"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B110"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B118"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B118"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B123"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B123"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B138"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B138"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B143"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B143"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B144"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B144"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B145"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B145"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B151"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B151"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B152"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B152"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B153"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B153"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B154"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B154"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B155"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B155"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B156"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B156"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B157"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B157"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B158"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B158"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B159"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B159"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B160"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B160"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B161"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B161"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B162"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B162"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B163"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B163"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B164"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B164"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B165"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B165"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B166"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B166"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B167"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B167"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B169"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B169"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B171"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B171"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B172"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B172"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B173"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B173"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B174"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B174"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B175"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B175"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B176"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B176"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B177"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B177"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B178"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B178"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B179"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B179"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B180"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B180"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B181"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B181"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B182"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B182"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B184"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B184"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B186"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B186"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B187"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B187"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B198"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B198"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B190"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B190"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B191"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B191"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B192"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B192"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B193"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B193"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B196"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B196"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B197"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B197"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B203"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B203"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B195"  "1F"  TYPE "ORDINARY"
CONCRETEDATA  "B195"  "1F"  CONSIDERTORSION "NO"
CONCRETEDATA  "B104"  "2F"  CONSIDERTORSION "NO"
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CONCRETEDATA  "B105"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B106"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B110"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B118"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B123"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B138"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B143"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B144"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B145"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B207"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B153"  '2F'  CONSIDERTORSION "NO"
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CONCRETEDATA  "B162"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B163"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B164"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B165"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B166"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B167"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B204"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B172"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B173"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B175"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B176"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B177"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B178"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B179"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B180"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B181"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B47"   '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B211"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B199"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B190"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B191"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B203"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B195"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B205"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B208"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B209"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B210"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B158"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B174"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B216"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B87"   'ZF'  TYPE 'ORDINARY'
CONCRETEDATA  "B87"   'ZF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B70"   'ZF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B71"   'ZF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B208"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B104"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B105"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B106"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B110"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B118"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B123"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B138"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B143"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B144"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B145"  '3F'  CONSIDERTORSION "NO"
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CONCRETEDATA  "B162"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B163"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B164"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B165"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B166"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B167"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B172"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B173"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B175"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B176"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B177"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B178"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B179"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B180"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B181"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B223"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B205"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B208"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B158"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B174"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B253"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B254"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B255"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B83"   '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B265"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B266"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B104"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B105"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B106"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B110"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B118"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B123"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B138"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B143"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B144"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B145"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B153"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B154"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B155"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B156"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B157"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B159"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B160"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B161"  'R1F'  CONSIDERTORSION "NO"
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CONCRETEDATA  "B24"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B164"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B165"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B166"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B167"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B173"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B175"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B176"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B177"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B178"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B179"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B181"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B223"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B158"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B174"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B32"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B34"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B12"  'ZF'  TYPE 'ORDINARY'
CONCRETEDATA  "B12"  'ZF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B32"  'ZF'  TYPE 'ORDINARY'
CONCRETEDATA  "B92"  'ZF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B48"  '3F'  TYPE 'INTERMEDIATE'
CONCRETEDATA  "B48"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B86"  '3F'  TYPE 'INTERMEDIATE'
CONCRETEDATA  "B66"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B56"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B53"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B55"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B85"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B63"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B53"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B55"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B65"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B67"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B68"  'R1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B104"  'PF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B123"  'PF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B145"  'PF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B156"  'PF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B157"  'PF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B158"  'PF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B156"  'PF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B2"   'PF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B4"   'PF'  CONSIDERTORSION "NO"
CONCRETEDATA  "B95"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B84"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B20"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B83"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B41"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B80"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B80"  '2F'  TYPE 'ORDINARY'
CONCRETEDATA  "B86"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B23"  '2F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B8"   '1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B8"   '1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B10"  '1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B11"  '1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B8"   '2F'  CONSIDERTORSION "NO"
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CONCRETEDATA  "B18"  '1F'  TYPE 'ORDINARY'
CONCRETEDATA  "B18"  '1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B21"  '1F'  TYPE 'ORDINARY'
CONCRETEDATA  "D21"  '1F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B64"  'R1F'  CONSIDERTORSION "YES"
CONCRETEDATA  "B16"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B17"  '3F'  CONSIDERTORSION "NO"
CONCRETEDATA  "B230"  '3F'  CONSIDERTORSION "NO"

$ COMPOSITE DESIGN PREFERENCES
  COMPOSITEPREFERENCE  CODE "AISC 360-05"
  COMPOSITEPREFERENCE  PHI-B 0.9  PHI-BCAE 0.9  PHI-BCNP 0.8  PHI-BCPP 0.85  PHI-Y 0.9  PHI-C 0.9  PHI-T 0.9
  COMPOSITEPREFERENCE  SHORED "NO"   WITHAXIALFORCE  "NO"   %MIDDLERANGE 70  PATTERNLLF 0.75  SRLIMIT 0.95
  COMPOSITEPREFERENCE  MINNCOMPOSITE 25  MAXNCOMPOSITE 100  SINGLESSGENT "NO"
  COMPOSITEPREFERENCE  MINLONGSPACING 11.11  MAXLONGSPACING 91.44  MINTRANSSPACING 7.62  MAXSTUDSPERROW 3
  COMPOSITEPREFERENCE  DLLIMIT 120  SLLIMIT 120  LLLIMIT 360  TLLIMIT 240  CREEPFACTOR 1
  COMPOSITEPREFERENCE  CALCULATECAMBER "YES"    %DLCAMBER 100  MINDEPTHFORCAMBER 34.29  MINWEBTHICKFORCAMBER 0.635  MINSPANFORCAMBER
731.52
  COMPOSITEPREFERENCE  CAMBERIGNORE 1.905  CAMBERELMIN 600  CAMBERABSMAX 10.16  CAMBERRELMAX 180  CAMBERINTERVAL 0.635  CAMBERROUNDDOWN
"YES"
  COMPOSITEPREFERENCE  %VIBLL 25  CONSIDERVIBEQ "NO"   MINFREQ 8  CONSIDERDAMP "NO"   %INHERENTDAMP 4
  COMPOSITEPREFERENCE  VIBRATIONCRITERION "WALKING"  OCCUPANCYCATEGORY "PAPEROFFICE"  DAMPINGRATIO 0.025  WALKINGACCELERATIONLIMIT 0.005
  COMPOSITEPREFERENCE  RHYTHMICACTIVITY "AEROBICS"  AFFECTEDOCCUPANCYCTEGORY "PAPEROFFICE"
  COMPOSITEPREFERENCE  RHYTHMICACCELERATIONLIMIT 0.005  UPPERSTEPFREQUENCY 2.75  LOWERSTEPFREQUENCY 2  NUMBERFREQUENCIES 16
  COMPOSITEPREFERENCE  EQUIPMENTORSECATEGORY "COMPUTORSYSTEM"  VIBVELOCITYLIMIT 8000  WALKINGSPEED "VERYSLOW"
  COMPOSITEPREFERENCE  SENSITIVIBESTEP 1.25  SENSVIBFL 6  SENSVIBFU 8  SENSVIBGAMMA 0.1
  COMPOSITEPREFERENCE  OPTIMIZEPRICE "NO"    STEELPRICE 1  CONNECTORPRICE 0  CAMBERPRICE 0

$ COMPOSITE COLUMN DESIGN PREFERENCES
  COMPOSITECOLUMNPREFERENCE  CODE "AISC 360-10"  THDESIGN "EVERYSTEP-ALL"
  COMPOSITECOLUMNPREFERENCE  PROVISION "LRFD"  ANALYSISMETHOD "DIRECT ANALYSIS"  SECONDORDERMETHOD "GENERAL 2ND ORDER"
STIFFNESSREDUCTIONMETHOD "TAU-B FIXED"
  COMPOSITECOLUMNPREFERENCE  PHIBAISC05 0.9 PHICAISC05 0.75 PHITYAISC05 0.9 PHITFAISC05 0.75
  COMPOSITECOLUMNPREFERENCE  PHIVAISC05 0.9 PHIVBLLEDTAISC05 1 PHITORSIONAISC05 0.9
  COMPOSITECOLUMNPREFERENCE  IGNORESEISMICCODE "NO"  IGNORESPECIALSEISMICLOAD "NO"  ISDOUBLERPLATEPLUGWELDED "YES"
  COMPOSITECOLUMNPREFERENCE  %SSWELDINGTYPE "ERW"   REDUCEWSSTUICKNESS "NO"
  COMPOSITECOLUMNPREFERENCE  PATTERNLLF 0 MAXITERATION 1 SRLIMIT 0.95

$ WALL DESIGN PREFERENCES
  WALLPREFERENCE  CODE "ACI 318-08"  THDESIGN "EVERYSTEP"
  WALLPREFERENCE  REBARMATERIAL "FY4200" REBARSHEARMATERIAL "FY4200"
  WALLPREFERENCE  RHO 1  SDS 1  I 1  CD 5.5  PHI-TCTRL 0.9  PHI-CCTRL 0.65  PHI-SHEAR 0.75  PHI-SHEARSEIS 0.6  FMAXFACTOR 0.8
  WALLPREFERENCE  NUMCURVES 24  NUMPOINTS 11
  WALLPREFERENCE  PTMAX 0.06  PCMAX 0.04  IPMAX 0.02  IPMIN 0.0025
  WALLPREFERENCE  UPLIMIT 0.95

$ CONCRETE SLAB DESIGN PREFERENCES
  CONCRETESLABPREFERENCE  CODE "ACI 318-14"  PHITENACI 0.9  PHICOMPACI 0.65  PHISHEARACI 0.75
  CONCRETESLABPREFERENCE  IGNOREGENERICALPUINSLABDESIGN "NO"
  CONCRETESLABPREFERENCE  COVERTOP 5  COVERBOT 5  BARSIZE "#6"  INNERLAYER "B"    PTCGSTOP 2.5  PTCGSBOTEAT 4  PTCGSBOTINT 2.5  SLABTYPE
"Two Way"
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  CONCRETESLABPREFERENCE  USERSTRESS "No"  INITCONCRAT 0.8  LLFRACTION 0.5

$ DIMENSION LINES
  DIMLINE DEFAULTSYSTEM G1
  DIMLINE DEFAULTSYSTEM G2

$ TABLE SETS
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通廊：

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$ PROGRAM INFORMATION
  PROGRAM  "ETABS"  VERSION "19.1.0"

$ CONTROLS
  UNITS  "KGF"  "CM"  "C"
  TITLE1  "Nader & Club"
  TITLE2  "EXAMPLE-25_2016 加筋胃板筏基板刚体地震力百科"
  PREFERENCE  MERGETOL 0.1
  RLLF  METHOD "NONE"

$ STORIES - IN SEQUENCE FROM TOP
  STORY "PF"  HEIGHT 400 MASTERSTORY "Yes"
  STORY "2F"  HEIGHT 400 SIMILARTO "PF"
  STORY "1F"  HEIGHT 200 SIMILARTO "PF"
  STORY "Base"  ELEV 0

$ GRIDS
  GRIDSYSTEM "G1"  TYPE "CARTESIAN"  ID 0 HY 1710 RZ 30 BUBBLESIZE 125
  GRID "G1"  LABEL "A"  DIR "X"  COORD 0 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "B"  DIR "X"  COORD 330 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "1"  DIR "Y"  COORD 0 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G1"  LABEL "2"  DIR "Y"  COORD 280 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G1"  LABEL "3"  DIR "Y"  COORD 810 VISIBLE "Yes"  BUBBLELOC "Start"
  GRIDSYSTEM "G2"  TYPE "CARTESIAN"  BUBBLESIZE 125
  GRID "G2"  LABEL "A"  DIR "X"  COORD 0 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "B"  DIR "X"  COORD 330 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G2"  LABEL "1"  DIR "Y"  COORD -120 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G2"  LABEL "2"  DIR "Y"  COORD -30 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G2"  LABEL "3"  DIR "Y"  COORD 420 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G2"  LABEL "4"  DIR "Y"  COORD 870 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G2"  LABEL "5"  DIR "Y"  COORD 1320 VISIBLE "Yes"  BUBBLELOC "Start"
  GRID "G2"  LABEL "6"  DIR "Y"  COORD 1710 VISIBLE "Yes"  BUBBLELOC "Start"

$ DIAPHRAGM NAMES
  DIAPHRAGM "D1"  TYPE RIGID

$ MATERIAL PROPERTIES
  MATERIAL  "STEEL"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833414
  MATERIAL  "STEEL"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.16999999590917E-05
  MATERIAL  "STEEL"  FY 3515.348  FU 4569.953 FYE 3866.883  FUE 5026.948
  MATERIAL  "STEEL"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATWAXSTRESS 0.11 STRAINATRUPTURE 0.17 FINALSLOPE
-0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "CONC"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002402616
  MATERIAL  "CONC"  SYMTYPE "Isotropic"  E 263105.1  U 0.2  A 9.8999988542412E-06
  MATERIAL  "CONC"  FC 281.2278
  MATERIAL  "CONC"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "OTHER"  TYPE "Other"  WEIGHTPERVOLUME 0.007833414
  MATERIAL  "OTHER"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.16999999590917E-05
  MATERIAL  "OTHER"  DESIGNTYPE "OTHER"
  MATERIAL  "OTHER"  HYSTYPE "Elastic"  IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION
0.02 CONCRETETENSIONACCEPTANCE "No"
  MATERIAL  "OTHER"  STRAIN -1 STRESS -1
  MATERIAL  "OTHER"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "OTHER"  STRAIN 1 STRESS 1
  MATERIAL  "C210"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "C210"  SYMTYPE "Isotropic"  E 217371  U 0.2  A 9.8999988542412E-06
  MATERIAL  "C210"  FC 210
  MATERIAL  "C210"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "C210"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "C245"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "C245"  SYMTYPE "Isotropic"  E 234787  U 0.2  A 9.8999988542412E-06
  MATERIAL  "C245"  FC 245
  MATERIAL  "C245"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "C245"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "C280"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "C280"  SYMTYPE "Isotropic"  E 250998  U 0.2  A 9.8999988542412E-06
  MATERIAL  "C280"  FC 280
  MATERIAL  "C280"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "C280"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "C315"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "C315"  SYMTYPE "Isotropic"  E 266224  U 0.2  A 9.8999988542412E-06
  MATERIAL  "C315"  FC 315
  MATERIAL  "C315"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "C315"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "C350"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "C350"  SYMTYPE "Isotropic"  E 280824  U 0.2  A 9.8999988542412E-06
  MATERIAL  "C350"  FC 350
  MATERIAL  "C350"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "C350"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "C35042"  TYPE "Concrete"  WEIGHTPERVOLUME 0.002403
  MATERIAL  "C35042"  SYMTYPE "Isotropic"  E 280824  U 0.2  A 9.8999988542412E-06
  MATERIAL  "C35042"  FC 350
  MATERIAL  "C35042"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "C35042"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "A36"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833
  MATERIAL  "A36"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.16999999590917E-05
  MATERIAL  "A36"  FY 2500  FU 4000 FYE 3866.883  FUE 5026.948
  MATERIAL  "A36"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATWAXSTRESS 0.11 STRAINATRUPTURE 0.17 FINALSLOPE
-0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "A572Gr50"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833
  MATERIAL  "A572Gr50"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.16999999590917E-05
  MATERIAL  "A572Gr50"  FY 3450  FU 4500 FYE 3866.883  FUE 5026.948
  MATERIAL  "A572Gr50"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATWAXSTRESS 0.11 STRAINATRUPTURE 0.17
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FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "SN400Y"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833
  MATERIAL  "SN400Y"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.16999999590917E-05
  MATERIAL  "SN400Y"  FY 2400  FU 4100 FYE 3866.883  FUE 5026.948
  MATERIAL  "SN400Y"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATWAXSTRESS 0.11 STRAINATRUPTURE 0.17 FINALSLOPE
-0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "SN490Y"  TYPE "Steel"  WEIGHTPERVOLUME 0.007833
  MATERIAL  "SN490Y"  SYMTYPE "Isotropic"  E 2038902  U 0.3  A 1.16999999590917E-05
  MATERIAL  "SN490Y"  FY 3300  FU 5000 FYE 3866.883  FUE 5026.948
  MATERIAL  "SN490Y"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.015 STRAINATWAXSTRESS 0.11 STRAINATRUPTURE 0.17 FINALSLOPE
-0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "A615Gr60"  TYPE "Rebar"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "A615Gr60"  SYMTYPE "Uniaxial"  E 2038902  A 1.16999999590917E-05
  MATERIAL  "A615Gr60"  FY 4218.418  FU 6327.626 FYE 4218.418  FUE 6327.626
  MATERIAL  "A615Gr60"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.01 STRAINATULTIMATE 0.08 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "FY4200"  TYPE "Rebar"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "FY4200"  SYMTYPE "Uniaxial"  E 2038902  A 1.16999999590917E-05
  MATERIAL  "FY4200"  FY 4200  FU 6300 FYE 4200  FUE 6300
  MATERIAL  "FY4200"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "Stirrup"  TYPE "Rebar"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "Stirrup"  SYMTYPE "Uniaxial"  E 2038902  A 1.16999999590917E-05
  MATERIAL  "Stirrup"  FY 2800  FU 4200 FYE 2800  FUE 4200
  MATERIAL  "Stirrup"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "A416Gr270"  TYPE "Tendon"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "A416Gr270"  SYMTYPE "Uniaxial"  E 2003748  A 1.16999999590917E-05
  MATERIAL  "A416Gr270"  FY 17232.24  FU 18982.88
  MATERIAL  "A416Gr270"  HYSTYPE "Kinematic"  SSTYPE "270ksi"  FINALSLOPE -0.1 IOTENSION 0.015 LSTENSION 0.023 CPTENSION 0.03
IOCOMPRESSION 0.015 LSCOMPRESSION 0.023 CPCOMPRESSION 0.03
  MATERIAL  "FY2800"  TYPE "Rebar"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "FY2800"  SYMTYPE "Uniaxial"  E 2038902  A 1.16999999590917E-05
  MATERIAL  "FY2800"  FY 2800  FU 4200 FYE 2800  FUE 4200
  MATERIAL  "FY2800"  HYSTYPE "Kinematic"  SSTYPE "Simple"  STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "A615SQGr50"  TYPE "Coldformed"  WEIGHTPERVOLUME 0.007849048
  MATERIAL  "A653SQGr50"  SYMTYPE "Isotropic"  E 2074035  U 0.2  A 1.16999999590917E-05
  MATERIAL  "A653SQGr50"  HYSTYPE "Kinematic"  IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01
CPCOMPRESSION 0.02
  MATERIAL  "A653SQGr50"  STRAIN -68 STRESS 0
  MATERIAL  "A653SQGr50"  STRAIN -58 STRESS -1 POINTID "-E"
  MATERIAL  "A653SQGr50"  STRAIN -47.2 STRESS -1.3 POINTID "-D"
  MATERIAL  "A653SQGr50"  STRAIN -29.5 STRESS -1.3 POINTID "-C"
  MATERIAL  "A653SQGr50"  STRAIN -11.8 STRESS -1
  MATERIAL  "A653SQGr50"  STRAIN -1 STRESS -1 POINTID "-B"
  MATERIAL  "A653SQGr50"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "A653SQGr50"  STRAIN 1 STRESS 1 POINTID "B"
  MATERIAL  "A653SQGr50"  STRAIN 11.8 STRESS 1
  MATERIAL  "A653SQGr50"  STRAIN 29.5 STRESS 1.3 POINTID "C"
  MATERIAL  "A653SQGr50"  STRAIN 47.2 STRESS 1.3 POINTID "D"
  MATERIAL  "A653SQGr50"  STRAIN 59 STRESS 1 POINTID "E"
  MATERIAL  "A653SQGr50"  STRAIN 68 STRESS 0

$ REBAR DEFINITIONS
  REBARDEFINITION  "#2"  AREA  0.32258 DIA  0.635
  REBARDEFINITION  "#3"  AREA  0.709676 DIA  0.9525
  REBARDEFINITION  "#4"  AREA  1.26 DIA  1.27
  REBARDEFINITION  "#5"  AREA  1.97 DIA  1.5875
  REBARDEFINITION  "#6"  AREA  2.84 DIA  1.905
  REBARDEFINITION  "#7"  AREA  3.8 DIA  2.2225
  REBARDEFINITION  "#8"  AREA  5.06 DIA  2.54
  REBARDEFINITION  "#9"  AREA  6.4 DIA  2.86512
  REBARDEFINITION  "#10"  AREA  8.13 DIA  3.2258
  REBARDEFINITION  "#11"  AREA  10.0645 DIA  3.5814
  REBARDEFINITION  "#14"  AREA  14.5161 DIA  4.30022
  REBARDEFINITION  "#18"  AREA  25.8064 DIA  5.73278
  REBARDEFINITION  "10M"  AREA  1 DIA  1.13
  REBARDEFINITION  "15M"  AREA  2 DIA  1.6
  REBARDEFINITION  "20M"  AREA  3 DIA  1.95
  REBARDEFINITION  "25M"  AREA  5 DIA  2.52
  REBARDEFINITION  "30M"  AREA  7 DIA  2.99
  REBARDEFINITION  "35M"  AREA  10 DIA  3.57
  REBARDEFINITION  "45M"  AREA  15 DIA  4.37
  REBARDEFINITION  "55M"  AREA  25 DIA  5.64
  REBARDEFINITION  "6d"  AREA  0.283 DIA  0.6
  REBARDEFINITION  "8d"  AREA  0.503 DIA  0.8
  REBARDEFINITION  "10d"  AREA  0.785 DIA  1
  REBARDEFINITION  "12d"  AREA  1.13 DIA  1.2
  REBARDEFINITION  "14d"  AREA  1.54 DIA  1.4
  REBARDEFINITION  "16d"  AREA  2.01 DIA  1.6
  REBARDEFINITION  "20d"  AREA  3.14 DIA  2
  REBARDEFINITION  "25d"  AREA  4.91 DIA  2.5
  REBARDEFINITION  "25d"  AREA  5.31 DIA  2.6
  REBARDEFINITION  "28d"  AREA  6.16 DIA  2.8

$ FRAME SECTIONS
  FRAMESECTION  "B_25X40_280"  MATERIAL "C280"  SHAPE "Concrete Rectangular"  D 40 B 25 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_30X50_280"  MATERIAL "C280"  SHAPE "Concrete Rectangular"  D 50 B 30 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_40X60_280"  MATERIAL "C280"  SHAPE "Concrete Rectangular"  D 60 B 40 NOTIONALUSERVALUE 10
  FRAMESECTION  "B_35X50_280"  MATERIAL "C280"  SHAPE "Concrete Rectangular"  D 50 B 35 NOTIONALUSERVALUE 10
  FRAMESECTION  "S_H300X300_40"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 30 B 30 TF 1.5 TW 1
  FRAMESECTION  "S_H300X300_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 30 B 30 TF 1.6 TW 1
  FRAMESECTION  "S_H440X300_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 44 B 30 TF 1.8 TW 1.1
  FRAMESECTION  "S_H482X300_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 48.2 B 30 TF 1.5 TW 1.1
  FRAMESECTION  "S_H488X300_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 48.8 B 30 TF 1.8 TW 1.1
  FRAMESECTION  "S_H582X300_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 58.2 B 30 TF 1.7 TW 1.2
  FRAMESECTION  "S_H588X300_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 58.8 B 30 TF 2 TW 1.2
  FRAMESECTION  "S_H700X300_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 70 B 30 TF 2.4 TW 1.3
  FRAMESECTION  "S_H800X300_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 80 B 30 TF 2.6 TW 1.4
  FRAMESECTION  "S_H900X300_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 90 B 30 TF 2.8 TW 1.6
  FRAMESECTION  "S_H200X200_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 20 B 20 TF 1.2 TW 0.8
  FRAMESECTION  "S_H294X200_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 29.4 B 20 TF 1.2 TW 0.8
  FRAMESECTION  "S_H400X200_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 40 B 20 TF 1.3 TW 0.8
  FRAMESECTION  "S_H450X200_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 45 B 20 TF 1.4 TW 0.9
  FRAMESECTION  "S_H500X200_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 50 B 20 TF 1.6 TW 1
  FRAMESECTION  "S_H600X200_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 60 B 20 TF 1.7 TW 1.1
  FRAMESECTION  "S_H350X175_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 35 B 17.5 TF 1.1 TW 0.7
  FRAMESECTION  "S_H250X250_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 25 B 25 TF 1.4 TW 0.8
  FRAMESECTION  "S_H350X350_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 35 B 35 TF 1.8 TW 1.2
  FRAMESECTION  "S_H400X400_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 40 B 40 TF 2.1 TW 1.3
  FRAMESECTION  "S_H300X150_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 30 B 15 TF 0.9 TW 0.65
  FRAMESECTION  "S_H150X150_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 15 B 15 TF 1 TW 0.7
  FRAMESECTION  "S_H100X100_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 10 B 10 TF 0.8 TW 0.6
  FRAMESECTION  "S_H200X100_49"  MATERIAL "SN400Y"  SHAPE "Steel I/Wide Flange"  D 20 B 10 TF 0.8 TW 0.55
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此为试读，需要完整PDF请访问：www.ertong.com

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FRAMESECTION  "S_R244X175_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 24.4 B 17.5 TF 1.1 TW 0.7
FRAMESECTION  "BF_35X145_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 145 B 35 NOTIONALUSERVALUE 10
FRAMESECTION  "C_D50_7/16_280"  MATERIAL "QC280"  SHAPE "Concrete Circle"  D 50 NOTIONALUSERVALUE 10
FRAMESECTION  "C_50X50_6/20_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 50 B 50 NOTIONALUSERVALUE 10
FRAMESECTION  "R_25X60_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 60 B 25 NOTIONALUSERVALUE 10
FRAMESECTION  "B_30X70_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 70 B 30 NOTIONALUSERVALUE 10
FRAMESECTION  "BF_30X145_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 145 B 30 NOTIONALUSERVALUE 10
FRAMESECTION  "R_45X80_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 80 B 45 NOTIONALUSERVALUE 10
FRAMESECTION  "C_80X80_8/36_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 80 B 80 NOTIONALUSERVALUE 10
FRAMESECTION  "C_D80_8/20_280"  MATERIAL "QC280"  SHAPE "Concrete Circle"  D 80 NOTIONALUSERVALUE 10
FRAMESECTION  "B_50X70_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 70 B 50 NOTIONALUSERVALUE 10
FRAMESECTION  "B_40X70_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 70 B 40 NOTIONALUSERVALUE 10
FRAMESECTION  "BF_25X145_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 145 B 25 NOTIONALUSERVALUE 10
FRAMESECTION  "S_H250X125_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 25 B 12.5 TF 0.9 TW 0.6
FRAMESECTION  "S_B600X600X22X22_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 60 B 60 TF 2.2 TW 2.2
FRAMESECTION  "B_25X50_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 50 B 25 NOTIONALUSERVALUE 10
FRAMESECTION  "B_30X60_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 60 B 30 NOTIONALUSERVALUE 10
FRAMESECTION  "B_35X80_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 80 B 35 NOTIONALUSERVALUE 10
FRAMESECTION  "B_35X70_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 70 B 35 NOTIONALUSERVALUE 10
FRAMESECTION  "B_50X80_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 80 B 50 NOTIONALUSERVALUE 10
FRAMESECTION  "BF_50X145_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 145 B 50 NOTIONALUSERVALUE 10
FRAMESECTION  "C_40X40_6/16_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 40 B 40 NOTIONALUSERVALUE 10
FRAMESECTION  "C_70X70_7/36_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 70 B 70 NOTIONALUSERVALUE 10
FRAMESECTION  "C_60X60_6/28_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 60 B 60 NOTIONALUSERVALUE 10
FRAMESECTION  "C_90X90_8/40_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 90 B 90 NOTIONALUSERVALUE 10
FRAMESECTION  "S_H125X125_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 12.5 B 12.5 TF 0.8 TW 0.65
FRAMESECTION  "S_H175X175_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 17.5 B 17.5 TF 1.1 TW 0.75
FRAMESECTION  "S_H200X150_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 19.4 B 15 TF 0.9 TW 0.6
FRAMESECTION  "S_H148X100_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 14.8 B 10 TF 0.9 TW 0.6
FRAMESECTION  "S_H340X250_40"  MATERIAL "SM400Y"  SHAPE "Steel I/Wide Flange"  D 34 B 25 TF 1.4 TW 0.9
FRAMESECTION  "S_B600X600X25X25_40"  MATERIAL "SM490Y"  SHAPE "Steel Tube"  D 60 B 60 TF 2.5 TW 2.5
FRAMESECTION  "S_B500X500X19X19_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 50 B 50 TF 1.9 TW 1.9
FRAMESECTION  "S_B500X500X19X19_40"  MATERIAL "SM490Y"  SHAPE "Steel Tube"  D 50 B 50 TF 1.9 TW 1.9
FRAMESECTION  "S_P101.6X5_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 10.16 T 0.5
FRAMESECTION  "S_P139.8X6_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 13.98 T 0.6
FRAMESECTION  "S_P165.2X6_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 16.52 T 0.6
FRAMESECTION  "S_P216.3X8_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 21.63 T 0.8
FRAMESECTION  "S_P318.5X9_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 31.85 T 0.9
FRAMESECTION  "S_P267.4X8_40"  MATERIAL "SM400Y"  SHAPE "Steel Pipe"  D 26.74 T 0.8
FRAMESECTION  "S_TU100X100X6_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 10 B 10 TF 0.6 TW 0.6
FRAMESECTION  "S_TU125X125X6_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 12.5 B 12.5 TF 0.6 TW 0.6
FRAMESECTION  "S_TU150X150X6_40"  MATERIAL "SM400Y"  SHAPE "Steel Tube"  D 15 B 15 TF 0.6 TW 0.6
FRAMESECTION  "S_L50X50X5_40"  MATERIAL "SM400Y"  SHAPE "Steel Angle"  D 5 B 5 TF 0.5 TW 0.5
FRAMESECTION  "S_L75X75X6_40"  MATERIAL "SM400Y"  SHAPE "Steel Angle"  D 7.5 B 7.5 TF 0.9 TW 0.9
FRAMESECTION  "S_L100X100X9_40"  MATERIAL "SM400Y"  SHAPE "Steel Angle"  D 10 B 10 TF 0.9 TW 0.9
FRAMESECTION  "S_L150X150X12_40"  MATERIAL "SM400Y"  SHAPE "Steel Angle"  D 15 B 15 TF 1.2 TW 1.2
FRAMESECTION  "S_C100X50_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 10 B 5 TF 0.7 TW 0.5
FRAMESECTION  "S_C125X65_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 12.5 B 6.5 TF 0.8 TW 0.6
FRAMESECTION  "S_C150X75_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 15 B 7.5 TF 1 TW 0.65
FRAMESECTION  "S_C200X80_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 20 B 8 TF 1.1 TW 0.75
FRAMESECTION  "S_C250X90_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 25 B 9 TF 1.3 TW 0.8
FRAMESECTION  "S_C300X90_40"  MATERIAL "SM400Y"  SHAPE "Steel Channel"  D 30 B 9 TF 1.3 TW 0.9
FRAMESECTION  "SteelCol"  MATERIAL "SM490Y"  SHAPE "Steel I/Wide Flange"  D 50 B 50 TF 2.5 TW 1.25
FRAMESECTION  "SteelBm"  MATERIAL "SM490Y"  SHAPE "Steel I/Wide Flange"  D 50 B 16.68667 TF 1.25 TW 0.625
FRAMESECTION  "ConcCol"  MATERIAL "QC35042"  SHAPE "Concrete Rectangular"  D 37.5 B 37.5
FRAMESECTION  "ConcBm"  MATERIAL "QC35042"  SHAPE "Concrete Rectangular"  D 50 B 37.5
FRAMESECTION  "S_H100X140X2X4_40"  MATERIAL "SM490Y"  SHAPE "Steel I/Wide Flange"  D 10 B 14 TF 0.2 TW 0.4
FRAMESECTION  "C_80X130_8/10-15_280"  MATERIAL "QC280"  SHAPE "Concrete Rectangular"  D 80 B 130 NOTIONALUSERVALUE 10

$ CONCRETE SECTIONS
  CONCRETESECTION  "B_25X40_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_30X50_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_40X60_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_35X50_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "BF_35X145_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 10.5 COVERBOTTOM 10.5
ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "C_D50_7/16_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "C-16"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 3.8 CONFINEBARAREA 0.709676 CONFINEBARSPACING 15
  CONCRETESECTION  "C_50X50_6/20_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-8-6"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 2.836704 CONFINEBARAREA 0.709676 CONFINEBARSPACING 15 NUMCONFINEBARS 2 NUMCONFINEBARS2 2
  CONCRETESECTION  "B_25X60_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_30X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "BF_30X145_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 10.5 COVERBOTTOM 10.5
ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_45X80_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "C_80X80_8/36_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-10-10"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.096764 CONFINEBARAREA 1.28032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "C_D80_8/20_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "C-20"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.09 CONFINEBARAREA 1.28032 CONFINEBARSPACING 15
  CONCRETESECTION  "B_50X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_40X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "BF_25X145_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 10.5 COVERBOTTOM 10.5
ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_25X50_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_30X60_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_35X60_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_35X70_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "B_50X80_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 7 COVERBOTTOM 7 ATI 0 ABI
0 ATJ 0 ABJ 0
  CONCRETESECTION  "BF_50X145_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Beam"  COVERTOP 10.5 COVERBOTTOM 10.5
ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "C_40X40_6/16_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-5-5"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 2.838704 CONFINEBARAREA 0.709676 CONFINEBARSPACING 15 NUMCONFINEBARS3 2 NUMCONFINEBARS2 2
  CONCRETESECTION  "C_70X70_7/36_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-8-6"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 2.84 CONFINEBARAREA 0.709676 CONFINEBARSPACING 15 NUMCONFINEBARS3 3 NUMCONFINEBARS2 3
  CONCRETESECTION  "C_60X60_6/28_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-8-8"  TRANSREINF
"TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 2.838704 CONFINEBARAREA 0.709676 CONFINEBARSPACING 15 NUMCONFINEBARS3 4 NUMCONFINEBARS2 4
  CONCRETESECTION  "C_90X90_8/40_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-11-11"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.096764 CONFINEBARAREA 1.28032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4
  CONCRETESECTION  "ConcCol"  LONGBARMATERIAL "A615Gr60"  CONFINEBARMATERIAL "A615Gr60"  TYPE "Column"  PATTERN "R-5-3"  TRANSREINF "TIES"
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DESIGNCHECK "DESIGN"  COVER 4 LONGBARAREA 0.32258 CONFINEBARAREA 0.32258 CONFINEBARSPACING 15 NUMCONFINEBARS3 3 NUMCONFINEBARS2 3
  CONCRETESECTION  "ConcBm"  LONGBARMATERIAL "A615Gr60"  CONFINEBARMATERIAL "A815Gr60"  TYPE "Beam"  COVERTOP 6 COVERBOTTOM 6 ATI 0 ABI 0
ATJ 0 ABJ 0
  CONCRETESECTION  "C_80X130_8/10-15_280"  LONGBARMATERIAL "FY4200"  CONFINEBARMATERIAL "Stirrup"  TYPE "Column"  PATTERN "R-10-15"
TRANSREINF "TIES"  DESIGNCHECK "CHECK"  COVER 4 LONGBARAREA 5.06 CONFINEBARAREA 1.29032 CONFINEBARSPACING 15 NUMCONFINEBARS3 4
NUMCONFINEBARS2 4

$ TENDON SECTIONS
  TENDONSECTION  "Tendon1"  MATERIAL "QC210"  STRANDAREA  0.9870848

$ PIER SECTIONS
  PIERSECTION  "1FY2"  BASEMATERIAL "QC280"

$ SECTION DESIGNER SECTIONS
  SDSECTION "1FY2"  TYPE "PIER"  NUMSHAPES 5
  SDSECTION "1FY2"  SHAPE 1  MATERIAL "QC280"  REBARMATERIAL "FY280C"  SHAPETYPE "POLYGON"  NUMCORNERPTS 12
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 1  X 515  Y 80
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 2  X 515  Y 50.00002
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 3  X 80  Y 50.00003
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 4  X 80  Y 80
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 5  X 0  Y 80
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 6  X 0  Y 0
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 7  X 80  Y 0
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 8  X 80  Y 30.00003
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 9  X 515  Y 30.00002
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 10  X 515  Y 0
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 11  X 595  Y 0
  SDSECTION "1FY2"  SHAPE 1  POLYCORNER 12  X 595  Y 80
  SDSECTION "1FY2"  SHAPE 1  EDGE 1  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 2  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 3  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 4  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 5  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 6  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 7  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 8  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 9  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 10  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 11  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  EDGE 12  EDGEBARSIZE "#5"  EDGEBARNUMBER 0  EDGEBARCOVER 2.5
  SDSECTION "1FY2"  SHAPE 1  CORNER 1
  SDSECTION "1FY2"  SHAPE 1  CORNER 2
  SDSECTION "1FY2"  SHAPE 1  CORNER 3
  SDSECTION "1FY2"  SHAPE 1  CORNER 4
  SDSECTION "1FY2"  SHAPE 1  CORNER 5
  SDSECTION "1FY2"  SHAPE 1  CORNER 6
  SDSECTION "1FY2"  SHAPE 1  CORNER 7
  SDSECTION "1FY2"  SHAPE 1  CORNER 8
  SDSECTION "1FY2"  SHAPE 1  CORNER 9
  SDSECTION "1FY2"  SHAPE 1  CORNER 10
  SDSECTION "1FY2"  SHAPE 1  CORNER 11
  SDSECTION "1FY2"  SHAPE 1  CORNER 12
  SDSECTION "1FY2"  SHAPE 1  TIEBARAREA 0
  SDSECTION "1FY2"  SHAPE 2  MATERIAL "FY4200"  SHAPETYPE "RECT REBAR"  D 67.46  B 67.46  XC 40  YC 40
  SDSECTION "1FY2"  SHAPE 2  EDGE 1  EDGEBARSIZE "#8"  EDGEBARNUMBER 5
  SDSECTION "1FY2"  SHAPE 2  EDGE 2  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 2  EDGE 3  EDGEBARSIZE "#8"  EDGEBARNUMBER 8
  SDSECTION "1FY2"  SHAPE 2  EDGE 4  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 2  CORNER 1  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 2  CORNER 2  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 2  CORNER 3  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 2  CORNER 4  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 2  TIEBARSIZE "#4"
  SDSECTION "1FY2"  SHAPE 3  MATERIAL "FY4200"  SHAPETYPE "RECT REBAR"  D 67.46  B 67.46  XC 555  YC 40
  SDSECTION "1FY2"  SHAPE 3  EDGE 1  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 3  EDGE 2  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 3  EDGE 3  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 3  EDGE 4  EDGEBARSIZE "#8"  EDGEBARNUMBER 6
  SDSECTION "1FY2"  SHAPE 3  CORNER 1  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 3  CORNER 2  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 3  CORNER 3  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 3  CORNER 4  CORNERBARSIZE "#8"
  SDSECTION "1FY2"  SHAPE 3  TIEBARSIZE "#4"
  SDSECTION "1FY2"  SHAPE 4  MATERIAL "A615Gr60"  SHAPETYPE "LINE REBAR"  BARSIZE "#4"  SPACING 15  ENDBAR "NO"  X1 80  Y1 47  X2 515
Y2 47
  SDSECTION "1FY2"  SHAPE 5  MATERIAL "A615Gr60"  SHAPETYPE "LINE REBAR"  BARSIZE "#4"  SPACING 15  ENDBAR "NO"  X1 80  Y1 33  X2 515
Y2 33

$ SLAB PROPERTIES
  SHELLPROP  "OS15"  PROPTYPE  "Slab"  MATERIAL "QC210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 15 NOTIONALUSERVALUE 10
  SHELLPROP  "OS18"  PROPTYPE  "Slab"  MATERIAL "QC210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 18 NOTIONALUSERVALUE 10
  SHELLPROP  "OS20"  PROPTYPE  "Slab"  MATERIAL "QC210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 20 NOTIONALUSERVALUE 10
  SHELLPROP  "OS25"  PROPTYPE  "Slab"  MATERIAL "QC210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 25 NOTIONALUSERVALUE 10
  SHELLPROP  "OS112"  PROPTYPE  "Slab"  MATERIAL "QC210"  MODELINGTYPE "Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS
11.2 NOTIONALUSERVALUE 10
  SHELLPROP  "SS"  PROPTYPE  "Slab"  MATERIAL "QC210"  MODELINGTYPE "Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 2
NOTIONALUSERVALUE 10
  SHELLPROP  "OS15S"  PROPTYPE  "Slab"  MATERIAL "QC210"  MODELINGTYPE "Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 15
NOTIONALUSERVALUE 10
  SHELLPROP  "OS30S"  PROPTYPE  "Slab"  MATERIAL "QC210"  MODELINGTYPE "Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 30
NOTIONALUSERVALUE 10
  SHELLPROP  "OS55MAT"  PROPTYPE  "Slab"  MATERIAL "QC210"  MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 55 NOTIONALUSERVALUE
10
  SHELLPROP  "OS55MATS"  PROPTYPE  "Slab"  MATERIAL "QC210"  MODELINGTYPE "ShellThin"  SLABTYPE "Slab"  SLABTHICKNESS 55 NOTIONALUSERVALUE
10

$ DECK PROPERTIES
  SHELLPROP  "OD15OS3WT120"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL "QC210"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 7.5
DECKRIBDEPTH 7.5 DECKRIBWIDTHTOP 18.4 DECKRIBWIDTHBOTTOM 18.4 DECKRIBSPACING 30.5 DECKSHEARTHICKNESS 0.0889 DECKUNITWEIGHT 0.000936
SHEARSTUDDIAM 1.9 SHEARSTUDHEIGHT 7.6 SHEARSTUDFU 60
  SHELLPROP  "OD20OS3WT120"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL "QC210"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 12.5
DECKRIBDEPTH 7.5 DECKRIBWIDTHTOP 18.4 DECKRIBWIDTHBOTTOM 18.4 DECKRIBSPACING 30.5 DECKSHEARTHICKNESS 0.0889 DECKUNITWEIGHT 0.000936
SHEARSTUDDIAM 1.9 SHEARSTUDHEIGHT 7.6 SHEARSTUDFU 60
  SHELLPROP  "OD22S3WT120"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL "QC210"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 15
DECKRIBDEPTH 7.5 DECKRIBWIDTHTOP 18.4 DECKRIBWIDTHBOTTOM 18.4 DECKRIBSPACING 30.5 DECKSHEARTHICKNESS 0.0889 DECKUNITWEIGHT 0.000936
SHEARSTUDDIAM 1.9 SHEARSTUDHEIGHT 7.6 SHEARSTUDFU 60

$ WALL PROPERTIES
  SHELLPROP  "OW20"  PROPTYPE  "Wall"  MATERIAL "QC245"  MODELINGTYPE "ShellThin"  WALLTHICKNESS 20 NOTIONALUSERVALUE 10
  SHELLPROP  "OW25"  PROPTYPE  "Wall"  MATERIAL "QC245"  MODELINGTYPE "ShellThin"  WALLTHICKNESS 25 NOTIONALUSERVALUE 10
  SHELLPROP  "OW30"  PROPTYPE  "Wall"  MATERIAL "QC245"  MODELINGTYPE "ShellThin"  WALLTHICKNESS 30 NOTIONALUSERVALUE 10
  SHELLPROP  "OW50"  PROPTYPE  "Wall"  MATERIAL "QC245"  MODELINGTYPE "ShellThin"  WALLTHICKNESS 50 NOTIONALUSERVALUE 10

$ LINK PROPERTIES
  LINKPROP  "NLFR1"  TYPE "DAMPER - EXPONENTIAL"
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  LINKPROP  "NLPR1"  DOF "U1"

$ PANEL ZONE PROPERTIES
  PANELZONE  "PZone1"  PZENDOFFSETSRIGID  "No"  PZACTIVEDIRECTIONS  "Both"  PZTYPE  "From Column"
  PANELZONE  "PZone1"  PZDOUBLER  0

$ POINT SPRING PROPERTIES
  POINTSPRING  "P9999"  STIFFNESSOPTION  "USERDEFINED"  UX  99999 UY  99999 UZ  0

$ AREA SPRING PROPERTIES
  AREASPRING  "F1000"  U3  1

$ PIER/SPANDREL NAMES
  PIERNAME  "YP1"
  PIERNAME  "YP2"
  PIERNAME  "YP3"
  PIERNAME  "YP4"
  PIERNAME  "YP5"
  PIERNAME  "YP6"
  SPANDRELNAME  "S1"

$ POINT COORDINATES
  POINT "1"  330 -485
  POINT "2"  0 -120
  POINT "3"  330 -120
  POINT "4"  500 -120
  POINT "5"  0 -30
  POINT "6"  330 -30
  POINT "7"  500 -30
  POINT "8"  -159.3874 190.5887
  POINT "9"  -100 420
  POINT "10"  0 420
  POINT "11"  330 420
  POINT "12"  405 420
  POINT "13"  330 764.7388
  POINT "14"  0 892.4324
  POINT "15"  0 870
  POINT "16"  330 870
  POINT "20"  0 1320
  POINT "21"  330 1320
  POINT "23"  1.136868E-13 1572.808
  POINT "24"  -101.0149 1682.933
  POINT "25"  0 1710
  POINT "26"  330 1708.423
  POINT "27"  -331.5544 1934.269
  POINT "29"  -180.2021.766
  POINT "30"  105.7884 2186.766
  POINT "31"  186.4102 2221.789
  POINT "32"  -643.157 2273.98
  POINT "33"  -706.157 2386.564
  POINT "34"  -405 2411.48
  POINT "35"  -470 2524.064
  POINT "36"  -119.2116 2576.48
  POINT "37"  2.03194 2648.48
  POINT "38"  -194.2116 2689.064
  POINT "39"  -184.0024 2689.185
  POINT "40"  -62.96806 2759.064
  POINT "17"  290.3888 1867.551
  POINT "18"  0 190.5887
  POINT "19"  330 190.5887

$ LINE CONNECTIVITIES
  LINE  "C1"  COLUMN  "5"  "5"  1
  LINE  "C2"  COLUMN  "6"  "6"  1
  LINE  "C3"  COLUMN  "10"  "10"  1
  LINE  "C4"  COLUMN  "11"  "11"  1
  LINE  "C5"  COLUMN  "15"  "15"  1
  LINE  "C6"  COLUMN  "16"  "16"  1
  LINE  "C7"  COLUMN  "20"  "20"  1
  LINE  "C8"  COLUMN  "21"  "21"  1
  LINE  "C9"  COLUMN  "25"  "25"  1
  LINE  "C10"  COLUMN  "26"  "26"  1
  LINE  "C11"  COLUMN  "29"  "29"  1
  LINE  "C12"  COLUMN  "30"  "30"  1
  LINE  "C13"  COLUMN  "34"  "34"  1
  LINE  "C14"  COLUMN  "36"  "36"  1
  LINE  "B1"  BEAM  "5"  "1"  0
  LINE  "B2"  BEAM  "1"  "6"  0
  LINE  "B3"  BEAM  "2"  "3"  0
  LINE  "B4"  BEAM  "3"  "4"  0
  LINE  "B5"  BEAM  "2"  "5"  0
  LINE  "B6"  BEAM  "3"  "6"  0
  LINE  "B7"  BEAM  "4"  "7"  0
  LINE  "B8"  BEAM  "5"  "8"  0
  LINE  "B9"  BEAM  "6"  "7"  0
  LINE  "B10"  BEAM  "8"  "15"  0
  LINE  "B11"  BEAM  "5"  "10"  0
  LINE  "B12"  BEAM  "6"  "11"  0
  LINE  "B13"  BEAM  "12"  "7"  0
  LINE  "B14"  BEAM  "8"  "9"  0
  LINE  "B15"  BEAM  "9"  "10"  0
  LINE  "B16"  BEAM  "10"  "11"  0
  LINE  "B17"  BEAM  "11"  "12"  0
  LINE  "B18"  BEAM  "13"  "12"  0
  LINE  "B19"  BEAM  "9"  "14"  0
  LINE  "B20"  BEAM  "10"  "15"  0
  LINE  "B21"  BEAM  "11"  "16"  0
  LINE  "B22"  BEAM  "15"  "16"  0
  LINE  "B23"  BEAM  "15"  "20"  0
  LINE  "B24"  BEAM  "16"  "21"  0
  LINE  "B25"  BEAM  "20"  "21"  0
  LINE  "B26"  BEAM  "20"  "25"  0
  LINE  "B27"  BEAM  "21"  "26"  0
  LINE  "B28"  BEAM  "24"  "23"  0
  LINE  "B29"  BEAM  "24"  "25"  0
  LINE  "B30"  BEAM  "25"  "26"  0
  LINE  "B31"  BEAM  "28"  "25"  0
  LINE  "B32"  BEAM  "28"  "29"  0
  LINE  "B33"  BEAM  "32"  "24"  0
  LINE  "B34"  BEAM  "30"  "28"  0
  LINE  "B35"  BEAM  "29"  "30"  0
  LINE  "B37"  BEAM  "30"  "31"  0
  LINE  "B38"  BEAM  "34"  "29"  0
  LINE  "B39"  BEAM  "33"  "32"  0
  LINE  "B40"  BEAM  "32"  "34"  0
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  LINE  "B41"  BEAM  "36"  "30"  0
  LINE  "B42"  BEAM  "37"  "31"  0
  LINE  "B43"  BEAM  "33"  "35"  0
  LINE  "B44"  BEAM  "35"  "34"  0
  LINE  "B45"  BEAM  "34"  "36"  0
  LINE  "B46"  BEAM  "35"  "36"  0
  LINE  "B47"  BEAM  "36"  "37"  0
  LINE  "B48"  BEAM  "38"  "36"  0
  LINE  "B49"  BEAM  "40"  "37"  0
  LINE  "B50"  BEAM  "38"  "40"  0
  LINE  "B51"  BEAM  "31"  "17"  0
  LINE  "B35"  BEAM  "6"  "18"  0
  LINE  "B52"  BEAM  "18"  "19"  0

$ AREA CONNECTIVITIES
  AREA "F1"  FLOOR  3  "6"  "5"  "1"  0  0  0
  AREA "F2"  FLOOR  5  "3"  "4"  "7"  "12"  "11"  0  0  0  0  0
  AREA "F3"  FLOOR  4  "5"  "10"  "8"  "8"  0  0  0  0
  AREA "F4"  FLOOR  3  "11"  "12"  "13"  0  0  0
  AREA "F5"  FLOOR  3  "9"  "10"  "14"  0  0  0
  AREA "F6"  FLOOR  4  "5"  "6"  "21"  "20"  0  0  0  0
  AREA "F7"  FLOOR  4  "2"  "3"  "26"  "25"  0  0  0  0
  AREA "F8"  FLOOR  4  "5"  "6"  "26"  "25"  0  0  0  0
  AREA "F9"  FLOOR  4  "25"  "20"  "21"  "28"  0  0  0  0
  AREA "F10"  FLOOR  4  "29"  "28"  "23"  "25"  0  0  0  0
  AREA "F11"  FLOOR  4  "25"  "26"  "30"  "29"  0  0  0  0
  AREA "F12"  FLOOR  4  "28"  "25"  "26"  "30"  0  0  0  0
  AREA "F14"  FLOOR  5  "28"  "29"  "35"  "33"  "32"  0  0  0  0
  AREA "F15"  FLOOR  4  "36"  "34"  "29"  "30"  0  0  0  0
  AREA "F16"  FLOOR  4  "34"  "29"  "30"  "36"  0  0  0  0
  AREA "F17"  FLOOR  4  "36"  "30"  "31"  "37"  0  0  0  0
  AREA "F18"  FLOOR  4  "36"  "36"  "34"  "38"  0  0  0  0
  AREA "F19"  FLOOR  4  "38"  "38"  "37"  "40"  0  0  0  0
  AREA "F20"  FLOOR  3  "30"  "17"  "31"  0  0  0

$ POINT ASSIGNS
  POINTASSIGN  "5"  "1F"  SPRINGPROP "P9999"  DIAPH "D1"
  POINTASSIGN  "5"  "Base"  RESTRAINT "UX UY UZ"  DIAPH "D1"
  POINTASSIGN  "10"  "1F"  SPRINGPROP "P9999"  DIAPH "D1"
  POINTASSIGN  "10"  "Base"  RESTRAINT "UX UY LZ"  DIAPH "D1"
  POINTASSIGN  "15"  "1F"  SPRINGPROP "P9999"  DIAPH "D1"
  POINTASSIGN  "15"  "Base"  RESTRAINT "UX UY LZ"  DIAPH "D1"
  POINTASSIGN  "6"  "1F"  SPRINGPROP "P9999"  DIAPH "D1"
  POINTASSIGN  "6"  "Base"  RESTRAINT "UX UY UZ"  DIAPH "D1"
  POINTASSIGN  "11"  "1F"  SPRINGPROP "P9999"  DIAPH "D1"
  POINTASSIGN  "11"  "Base"  RESTRAINT "UX UY LZ"  DIAPH "D1"
  POINTASSIGN  "16"  "1F"  SPRINGPROP "P9999"  DIAPH "D1"
  POINTASSIGN  "16"  "Base"  RESTRAINT "UX UY LZ"  DIAPH "D1"
  POINTASSIGN  "20"  "Base"  RESTRAINT "UX UY LZ"  DIAPH "D1"
  POINTASSIGN  "20"  "1F"  SPRINGPROP "P9999"  DIAPH "D1"
  POINTASSIGN  "21"  "Base"  RESTRAINT "UX UY LZ"  DIAPH "D1"
  POINTASSIGN  "21"  "1F"  SPRINGPROP "P9999"  DIAPH "D1"
  POINTASSIGN  "20"  "Base"  RESTRAINT "UX UY LZ"  DIAPH "D1"
  POINTASSIGN  "26"  "1F"  SPRINGPROP "P9999"  DIAPH "D1"
  POINTASSIGN  "26"  "Base"  RESTRAINT "UX UY LZ"  DIAPH "D1"
  POINTASSIGN  "34"  "Base"  RESTRAINT "UX UY LZ"  DIAPH "D1"
  POINTASSIGN  "34"  "1F"  SPRINGPROP "P9999"  DIAPH "D1"
  POINTASSIGN  "36"  "Base"  RESTRAINT "UX UY LZ"  DIAPH "D1"
  POINTASSIGN  "36"  "1F"  SPRINGPROP "P9999"  DIAPH "D1"
  POINTASSIGN  "26"  "1F"  SPRINGPROP "P9999"  DIAPH "D1"
  POINTASSIGN  "25"  "1F"  SPRINGPROP "P9999"  DIAPH "D1"
  POINTASSIGN  "5"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "10"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "15"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "6"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "11"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "16"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "20"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "21"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "29"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "30"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "34"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "36"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "26"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "25"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "5"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "10"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "15"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "6"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "11"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "16"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "20"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "21"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "29"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "30"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "34"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "36"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "26"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "25"  "PF"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "35"  "PF"  DIAPH "D1"
  POINTASSIGN  "38"  "PF"  DIAPH "D1"
  POINTASSIGN  "35"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "38"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "2"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "3"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "39"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "32"  "2F"  DIAPH "D1"
  POINTASSIGN  "33"  "2F"  DIAPH "D1"
  POINTASSIGN  "7"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "4"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "12"  "2F"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "13"  "2F"  DIAPH "D1"
  POINTASSIGN  "37"  "PF"  DIAPH "D1"
  POINTASSIGN  "17"  "PF"  DIAPH "D1"
  POINTASSIGN  "40"  "PF"  DIAPH "D1"
  POINTASSIGN  "8"  "PF"  DIAPH "D1"
  POINTASSIGN  "14"  "PF"  DIAPH "D1"
  POINTASSIGN  "39"  "PF"  DIAPH "D1"
  POINTASSIGN  "25"  "Base"  RESTRAINT "UX UY UZ"
  POINTASSIGN  "26"  "Base"  RESTRAINT "UX UY LZ"

$ LINE ASSIGNS
  LINEASSIGN  "C1"  "1F"  SECTION "C_70X70_T/36_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C3"  "1F"  SECTION "C_70X70_T/36_280"  RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN "C5" "1F" SECTION "C_70X70_7/36_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C2" "1F" SECTION "C_70X70_7/36_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C4" "1F" SECTION "C_70X70_7/36_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C6" "1F" SECTION "C_70X70_7/36_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C7" "1F" SECTION "C_70X70_7/36_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C8" "1F" SECTION "C_70X70_7/36_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C11" "1F" SECTION "C_70X70_7/36_280" RIGIDZONE 1 ANG 30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C12" "1F" SECTION "C_70X70_7/36_280" RIGIDZONE 1 ANG 30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C13" "1F" SECTION "C_70X70_7/36_280" RIGIDZONE 1 ANG 30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C14" "1F" SECTION "C_70X70_7/36_280" RIGIDZONE 1 ANG 30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B11" "1F" SECTION "BF_35X145_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B20" "1F" SECTION "BF_35X145_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B23" "1F" SECTION "BF_35X149_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B12" "1F" SECTION "BF_35X145_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B21" "1F" SECTION "BF_35X145_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B24" "1F" SECTION "BF_35X145_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B8" "1F" SECTION "B_35X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B16" "1F" SECTION "B_35X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B22" "1F" SECTION "B_35X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B25" "1F" SECTION "B_35X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B38" "1F" SECTION "BF_35X145_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B41" "1F" SECTION "BF_35X145_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B36" "1F" SECTION "B_35X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B45" "1F" SECTION "B_35X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B26" "1F" SECTION "BF_35X145_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B27" "1F" SECTION "BF_35X145_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B31" "1F" SECTION "BF_35X145_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B34" "1F" SECTION "BF_35X145_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C1" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C3" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C5" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C2" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C4" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C6" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C7" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C8" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C11" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 ANG 30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C12" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 ANG 30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C13" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 ANG 30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C14" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 ANG 30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B11" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B20" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B23" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B12" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B21" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B24" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B8" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B16" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B22" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B25" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B38" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B41" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B36" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B45" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B26" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B27" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B31" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B34" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B44" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B48" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B2" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B46" "2F" SECTION "S_H300X150_40" RELEASE "T1 M21 M22 M31 M32"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B44" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B48" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B5" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B6" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B3" "2F" SECTION "S_H300X150_40" RELEASE "T1 M21 M22 M31 M32"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B46" "2F" SECTION "S_H300X150_40" RELEASE "T1 M21 M22 M31 M32"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B40" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B39" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B42" "2F" SECTION "S_H300X150_40" RELEASE "T1 M21 M22 M31 M32"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B9" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B17" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B18" "2F" SECTION "S_H500X200_40" RELEASE "PINNED"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B13" "2F" SECTION "S_H500X200_40" RELEASE "M21 M31"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B7" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B4" "2F" SECTION "S_H300X150_40" RELEASE "T1 M21 M22 M31 M32"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B42" "PF" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
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  LINEASSIGN "B51" "PF" SECTION "S_H500X200_40" RELEASE "M23 M31"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B47" "PF" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B42" "PF" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B50" "PF" SECTION "S_H300X150_40" RELEASE "T1 M21 M22 M31 M32"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B15" "PF" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C9" "1F" SECTION "C_70X70_7/36_280" RIGIDZONE 1 ANG 30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C10" "1F" SECTION "C_70X70_7/36_280" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B30" "1F" SECTION "B_35X60_280" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C9" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 ANG 30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C10" "2F" SECTION "S_P318_5X9_40" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B32" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B29" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B30" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B33" "2F" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B28" "2F" SECTION "S_H500X200_40" RELEASE "M23 M31"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "C9" "PF" SECTION "S_P318_5X9_40" RIGIDZONE 1 ANG 30 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "C10" "PF" SECTION "S_P318_5X9_40" RIGIDZONE 1 MINNUMSTA 3 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B30" "PF" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B1" "PF" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B14" "PF" SECTION "S_H500X200_40" RELEASE "PINNED"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B19" "PF" SECTION "S_H500X200_40" RELEASE "PINNED"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B10" "PF" SECTION "S_H500X200_40" RELEASE "PINNED"RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN "B37" "PF" SECTION "S_H500X200_40" RIGIDZONE 1 CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B35" "PF" SECTION "S_H500X200_40" CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"
  LINEASSIGN "B52" "PF" SECTION "S_H500X200_40" RELEASE "M23 M31"CARDINALPT 8 MAXSTASPC 50 AUTOMESH "YES" MESHATINTERSECTIONS "YES"

$ AREA ASSIGNS
  AREAASSIGN "F6" "1F" SECTION "OS15" DIAPH "D1" OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F9" "1F" SECTION "OS15" DIAPH "D1" OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F12" "1F" SECTION "OS15" DIAPH "D1" OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F10" "1F" SECTION "OS15" DIAPH "D1" OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F7" "2F" SECTION "OS112" DIAPH "D1" OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F2" "2F" SECTION "OS112" DIAPH "D1" OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F4" "2F" SECTION "OS112" DIAPH "D1" OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F10" "PF" SECTION "OS112" DIAPH "D1" ANG 30 OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F17" "PF" SECTION "OS112" DIAPH "D1" ANG 30 OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F20" "PF" SECTION "OS112" DIAPH "D1" ANG 30 OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F5" "PF" SECTION "OS112" DIAPH "D1" OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F11" "2F" SECTION "OS112" DIAPH "D1" ANG 30 OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F11" "PF" SECTION "OS112" DIAPH "D1" ANG 30 OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F18" "2F" SECTION "OS112" DIAPH "D1" ANG 30 OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F15" "2F" SECTION "OS112" DIAPH "D1" ANG 30 OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F18" "PF" SECTION "OS112" DIAPH "D1" ANG 30 OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F15" "PF" SECTION "OS112" DIAPH "D1" ANG 30 OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F14" "2F" SECTION "OS112" DIAPH "D1" ANG 20 OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F10" "2F" SECTION "OS112" DIAPH "D1" ANG 30 OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN "F3" "PF" SECTION "OS112" DIAPH "D1" OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F8" "PF" SECTION "OS112" DIAPH "D1" OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN "F1" "PF" SECTION "OS112" DIAPH "D1" OBJWESHTYPE "DEFAULT" CARDINALPOINT "TOP" TRANSFORMSTIFFNESSFOROFFSETS "No"

$ LOAD PATTERNS
  LOADPATTERN "DL" TYPE "Dead" SELFWEIGHT 1
  LOADPATTERN "LL" TYPE "Live" SELFWEIGHT 0
  LOADPATTERN "EQXP" TYPE "Seismic" SELFWEIGHT 0
  LOADPATTERN "EQYP" TYPE "Seismic" SELFWEIGHT 0
  LOADPATTERN "SDXP" TYPE "Seismic" SELFWEIGHT 0
  LOADPATTERN "SDYP" TYPE "Seismic" SELFWEIGHT 0
  LOADPATTERN "WLP" TYPE "Wind" SELFWEIGHT 0
  LOADPATTERN "WLXN" TYPE "Wind" SELFWEIGHT 0
  LOADPATTERN "WLYP" TYPE "Wind" SELFWEIGHT 0
  LOADPATTERN "WLYN" TYPE "Wind" SELFWEIGHT 0
  LOADPATTERN "LL25" TYPE "Live" SELFWEIGHT 0
  LOADPATTERN "LL50" TYPE "Live" SELFWEIGHT 0
  LOADPATTERN "LL100" TYPE "Live" SELFWEIGHT 0
  LOADPATTERN "DLN" TYPE "Dead" SELFWEIGHT 0
  LOADPATTERN "LLN" TYPE "Live" SELFWEIGHT 0
  SEISMIC "EQXP" "User Loads"
  SEISMIC "EQXP" USERLOAD SET 1 "PF" "D1" FX 34400 ECC 0.064
  SEISMIC "EQXP" USERLOAD SET 1 "2F" "D1" FX 20900 ECC 0.064
  SEISMIC "EQYP" "User Loads"
  SEISMIC "EQYP" USERLOAD SET 1 "PF" "D1" FY 34400 ECC 0.05
  SEISMIC "EQYP" USERLOAD SET 1 "2F" "D1" FY 20900 ECC 0.05
  SEISMIC "EQXN" "User Loads"
  SEISMIC "EQXN" USERLOAD SET 1 "PF" "D1" FX 34400 ECC -0.0595
  SEISMIC "EQXN" USERLOAD SET 1 "2F" "D1" FX 20900 ECC -0.0595
  SEISMIC "EQYN" "User Loads"
  SEISMIC "EQYN" USERLOAD SET 1 "PF" "D1" FY 34400 ECC -0.05
  SEISMIC "EQYN" USERLOAD SET 1 "2F" "D1" FY 20900 ECC -0.05

$ POINT OBJECT LOADS

$ FRAME OBJECT LOADS
  LINELOAD "B11" "1F" TYPE "UNIFP" DIR "GRAV" LC "DLN" FVAL -0.52
  LINELOAD "B11" "1F" TYPE "UNIFP" DIR "GRAV" LC "LLN" FVAL -0.42
  LINELOAD "B20" "1F" TYPE "UNIFP" DIR "GRAV" LC "DLN" FVAL -0.52
  LINELOAD "B20" "1F" TYPE "UNIFP" DIR "GRAV" LC "LLN" FVAL -0.42
  LINELOAD "B23" "1F" TYPE "UNIFP" DIR "GRAV" LC "DLN" FVAL -0.52
  LINELOAD "B23" "1F" TYPE "UNIFP" DIR "GRAV" LC "LLN" FVAL -0.42
  LINELOAD "B12" "1F" TYPE "UNIFP" DIR "GRAV" LC "DLN" FVAL -0.52
  LINELOAD "B12" "1F" TYPE "UNIFP" DIR "GRAV" LC "LLN" FVAL -0.42
  LINELOAD "B21" "1F" TYPE "UNIFP" DIR "GRAV" LC "DLN" FVAL -0.52
  LINELOAD "B21" "1F" TYPE "UNIFP" DIR "GRAV" LC "LLN" FVAL -0.42
  LINELOAD "B24" "1F" TYPE "UNIFP" DIR "GRAV" LC "DLN" FVAL -0.52
  LINELOAD "B24" "1F" TYPE "UNIFP" DIR "GRAV" LC "LLN" FVAL -0.42
  LINELOAD "B38" "1F" TYPE "UNIFP" DIR "GRAV" LC "DLN" FVAL -0.52
  LINELOAD "B38" "1F" TYPE "UNIFP" DIR "GRAV" LC "LLN" FVAL -0.42
  LINELOAD "B41" "1F" TYPE "UNIFP" DIR "GRAV" LC "DLN" FVAL -0.52
  LINELOAD "B41" "1F" TYPE "UNIFP" DIR "GRAV" LC "LLN" FVAL -0.42
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  LINELOAD "B23"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DLW"  FVAL -0.52
  LINELOAD "B28"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LLW"  FVAL -0.42
  LINELOAD "B27"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DLW"  FVAL -0.52
  LINELOAD "B27"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LLW"  FVAL -0.42
  LINELOAD "B31"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LLW"  FVAL -0.42
  LINELOAD "B34"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DLW"  FVAL -0.52
  LINELOAD "B34"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LLW"  FVAL -0.42

$ SHELL OBJECT LOADS
  AREALOAD "F6"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F6"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F9"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F9"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F12"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F12"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F18"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F16"  "1F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F7"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F7"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F2"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F2"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.072
  AREALOAD "F2"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F4"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F4"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.072
  AREALOAD "F4"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F19"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F19"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.072
  AREALOAD "F19"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F17"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F17"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.072
  AREALOAD "F17"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F20"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F20"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.072
  AREALOAD "F20"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F5"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F5"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.072
  AREALOAD "F5"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F11"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F11"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F11"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F11"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F18"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F18"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F15"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F15"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F15"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F15"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F18"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F18"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F15"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F15"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F14"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F14"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.072
  AREALOAD "F14"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F10"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F10"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.072
  AREALOAD "F10"  "2F"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F3"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F3"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL100"  FVAL 0.072
  AREALOAD "F3"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F8"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F8"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05
  AREALOAD "F1"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "DL"  FVAL 0.022
  AREALOAD "F1"  "PF"  TYPE "UNIFF"  DIR "GRAV"  LC "LL"  FVAL 0.05

$ ANALYSIS OPTIONS
  ACTIVEDOF "UX UY UZ RX RY RZ"
  MODELHINGESINLINKS "No"
  PDELTA  METHOD "NONITERATIVE"
  AUTOMESHOPTIONS  MESHTYPE "RECTANGULAR"  LOCALIZEDFLOORMESHING  "Yes"  FLOORMESHMERGEJOINTS  "Yes"  FLOORMESHMAXSIZE  125
WALLMESHMAXSIZE  125

$ MASS SOURCE
  MASSSOURCE  "MsSrc1"    INCLUDEELEMENTS "No"    INCLUDEADDEDMASS "No"    INCLUDELOADS "Yes"    INCLUDEMOVE "No"    INCLUDELATERALMASS
"Yes"    INCLUDEVERTICALMASS "No"    LUMPATSTORIES "Yes"    ISDEFAULT "Yes"
  MASSSOURCELOAD  "MsSrc1"  "DL"  1
  MASSSOURCELOAD  "MsSrc1"  "LL25"  0.25
  MASSSOURCELOAD  "MsSrc1"  "LL50"  0.5
  MASSSOURCELOAD  "MsSrc1"  "LL100"  1

$ FUNCTIONS
  FUNCTION "FUNC1"  FUNCTYPE "SPECTRUM"  DAMPRATIO 0.05  FILE "c:\users\user\documents\etabsmodel\反应谱.txt"  DATATYPE "T&V"

$ GENERALIZED DISPLACEMENTS

$ LOAD CASES
  LOADCASE "Modal"  TYPE "Modal - Eigen"  INITCOND  "PRESET"
  LOADCASE "Modal"  MAXMODES  25 MINMODES  25 EIGENSHIFTFREQ  0 EIGENCUTOFF  0 EIGENTOL  1E-07
  LOADCASE "DL"  TYPE "Linear Static"  INITCOND  "PRESET"
  LOADCASE "DL"  LOADPAT  "DL"  SF  1
  LOADCASE "DLW"  LOADPAT  "DLW"  SF  1
  LOADCASE "LL"  TYPE "Linear Static"  INITCOND  "PRESET"
  LOADCASE "LL"  LOADPAT  "LL"  SF  1
  LOADCASE "LL"  LOADPAT  "LL25"  SF  1
  LOADCASE "LL"  LOADPAT  "LL50"  SF  1
  LOADCASE "LL"  LOADPAT  "LL100"  SF  1
  LOADCASE "LL"  LOADPAT  "LLW"  SF  1
  LOADCASE "EQXP"  TYPE "Linear Static"  INITCOND  "PRESET"
  LOADCASE "EQXP"  LOADPAT  "EQXP"  SF  1
  LOADCASE "EQYP"  TYPE "Linear Static"  INITCOND  "PRESET"
  LOADCASE "EQYP"  LOADPAT  "EQYP"  SF  1
  LOADCASE "EQXN"  TYPE "Linear Static"  INITCOND  "PRESET"
  LOADCASE "EQXN"  LOADPAT  "EQXN"  SF  1
  LOADCASE "EQYN"  TYPE "Linear Static"  INITCOND  "PRESET"
  LOADCASE "EQYN"  LOADPAT  "EQYN"  SF  1
  LOADCASE "WLXP"  TYPE "Linear Static"  INITCOND  "PRESET"
  LOADCASE "WLXP"  LOADPAT  "WLXP"  SF  1
  LOADCASE "WLXN"  TYPE "Linear Static"  INITCOND  "PRESET"
  LOADCASE "WLXN"  LOADPAT  "WLXN"  SF  1
  LOADCASE "WLYP"  TYPE "Linear Static"  INITCOND  "PRESET"
  LOADCASE "WLYP"  LOADPAT  "WLYP"  SF  1
  LOADCASE "WLYN"  TYPE "Linear Static"  INITCOND  "PRESET"
  LOADCASE "WLYN"  LOADPAT  "WLYN"  SF  1
  LOADCASE "DXP"  TYPE "Response Spectrum"  MODALCASE "Modal"
  LOADCASE "DXP"  ACCEL  "U1"  FUNC  "FUNC1"  SF  118.13
  LOADCASE "DXP"  MODECOMBO  "SRSS"
```



```
  LOADCASE "DXP"  MODALDAMPTYPE  "Constant"  CONSTDAMP  0.05
  LOADCASE "DXP"  ECCENRATIOTYPICAL  0.05
  LOADCASE "DYP"  TYPE  "Response Spectrum"  MODALCASE  "Modal"
  LOADCASE "DYP"  ACCEL  "U2"  FUNC  "FUNC1"  SF  121.07
  LOADCASE "DYP"  MODECOMBO  "SRSS"
  LOADCASE "DYP"  MODALDAMPTYPE  "Constant"  CONSTDAMP  0.05
  LOADCASE "DYP"  ECCENRATIOTYPICAL  0.05
  LOADCASE "DXN"  TYPE  "Response Spectrum"  MODALCASE  "Modal"
  LOADCASE "DXN"  ACCEL  "U1"  FUNC  "FUNC1"  SF  118.13
  LOADCASE "DXN"  MODECOMBO  "SRSS"
  LOADCASE "DXN"  MODALDAMPTYPE  "Constant"  CONSTDAMP  0.05
  LOADCASE "DXN"  ECCENRATIOTYPICAL  -0.05
  LOADCASE "DYN"  TYPE  "Response Spectrum"  MODALCASE  "Modal"
  LOADCASE "DYN"  ACCEL  "U2"  FUNC  "FUNC1"  SF  121.07
  LOADCASE "DYN"  MODECOMBO  "SRSS"
  LOADCASE "DYN"  MODALDAMPTYPE  "Constant"  CONSTDAMP  0.05
  LOADCASE "DYN"  ECCENRATIOTYPICAL  -0.05
  LOADCASE "DLW"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "DLW"  LOADPAT  "DLW"  SF  1
  LOADCASE "LLW"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "LLW"  LOADPAT  "LLW"  SF  1

$ LOAD COMBINATIONS
  COMBO "EQZ"  TYPE "Linear Add"
  COMBO "EQZ"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "EQZ"  LOADCASE "DL"  SF 0.3
  COMBO "LSS101"  TYPE "Linear Add"
  COMBO "LSS101"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS101"  LOADCASE "DL"  SF 1.4
  COMBO "LSS102"  TYPE "Linear Add"
  COMBO "LSS102"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS102"  LOADCASE "DL"  SF 1.2
  COMBO "LSS102"  LOADCASE "LL"  SF 1.6
  COMBO "LSS111P"  TYPE "Linear Add"
  COMBO "LSS111P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS111P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS111P"  LOADCASE "LL"  SF 1
  COMBO "LSS111P"  LOADCASE "EQXP"  SF 1
  COMBO "LSS111P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS112P"  TYPE "Linear Add"
  COMBO "LSS112P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS112P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS112P"  LOADCASE "LL"  SF 1
  COMBO "LSS112P"  LOADCASE "EQXP"  SF 1
  COMBO "LSS112P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS113P"  TYPE "Linear Add"
  COMBO "LSS113P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS113P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS113P"  LOADCASE "LL"  SF 1
  COMBO "LSS113P"  LOADCASE "EQXP"  SF -1
  COMBO "LSS113P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS114P"  TYPE "Linear Add"
  COMBO "LSS114P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS114P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS114P"  LOADCASE "LL"  SF 1
  COMBO "LSS114P"  LOADCASE "EQXP"  SF -1
  COMBO "LSS114P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS121P"  TYPE "Linear Add"
  COMBO "LSS121P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS121P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS121P"  LOADCASE "LL"  SF 1
  COMBO "LSS121P"  LOADCASE "EQXP"  SF 0.3
  COMBO "LSS121P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS122P"  TYPE "Linear Add"
  COMBO "LSS122P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS122P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS122P"  LOADCASE "LL"  SF 1
  COMBO "LSS122P"  LOADCASE "EQXP"  SF 0.3
  COMBO "LSS122P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS123P"  TYPE "Linear Add"
  COMBO "LSS123P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS123P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS123P"  LOADCASE "LL"  SF 1
  COMBO "LSS123P"  LOADCASE "EQXP"  SF -0.3
  COMBO "LSS123P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS124P"  TYPE "Linear Add"
  COMBO "LSS124P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS124P"  LOADCASE "DL"  SF 1.2
  COMBO "LSS124P"  LOADCASE "LL"  SF 1
  COMBO "LSS124P"  LOADCASE "EQXP"  SF -0.3
  COMBO "LSS124P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS131P"  TYPE "Linear Add"
  COMBO "LSS131P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS131P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS131P"  LOADCASE "EQXP"  SF 1
  COMBO "LSS131P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS132P"  TYPE "Linear Add"
  COMBO "LSS132P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS132P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS132P"  LOADCASE "EQXP"  SF 1
  COMBO "LSS132P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS133P"  TYPE "Linear Add"
  COMBO "LSS133P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS133P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS133P"  LOADCASE "EQXP"  SF -1
  COMBO "LSS133P"  LOADCOMBO "EQZ"  SF 0.3
  COMBO "LSS134P"  TYPE "Linear Add"
  COMBO "LSS134P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS134P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS134P"  LOADCASE "EQXP"  SF -1
  COMBO "LSS134P"  LOADCOMBO "EQZ"  SF -0.3
  COMBO "LSS141P"  TYPE "Linear Add"
  COMBO "LSS141P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS141P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS141P"  LOADCASE "EQYP"  SF 0.3
  COMBO "LSS141P"  LOADCOMBO "EQZ"  SF 1
  COMBO "LSS142P"  TYPE "Linear Add"
  COMBO "LSS142P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS142P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS142P"  LOADCASE "EQYP"  SF 0.3
  COMBO "LSS142P"  LOADCOMBO "EQZ"  SF -1
  COMBO "LSS143P"  TYPE "Linear Add"
  COMBO "LSS143P"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "LSS143P"  LOADCASE "DL"  SF 0.9
  COMBO "LSS143P"  LOADCASE "EQYP"  SF -0.3
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COMBO "LSS143P"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS144P"  TYPE "Linear Add"
COMBO "LSS144P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS144P"  LOADCASE "DL"  SF 0.9
COMBO "LSS144P"  LOADCASE "EQXP"  SF -0.3
COMBO "LSS144P"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS211P"  TYPE "Linear Add"
COMBO "LSS211P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS211P"  LOADCASE "DL"  SF 1.2
COMBO "LSS211P"  LOADCASE "LL"  SF 1
COMBO "LSS211P"  LOADCASE "EQYP"  SF 1
COMBO "LSS211P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS212P"  TYPE "Linear Add"
COMBO "LSS212P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS212P"  LOADCASE "DL"  SF 1.2
COMBO "LSS212P"  LOADCASE "LL"  SF 1
COMBO "LSS212P"  LOADCASE "EQYP"  SF 1
COMBO "LSS212P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS213P"  TYPE "Linear Add"
COMBO "LSS213P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS213P"  LOADCASE "DL"  SF 1.2
COMBO "LSS213P"  LOADCASE "LL"  SF 1
COMBO "LSS213P"  LOADCASE "EQYP"  SF -1
COMBO "LSS213P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS214P"  TYPE "Linear Add"
COMBO "LSS214P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS214P"  LOADCASE "DL"  SF 1.2
COMBO "LSS214P"  LOADCASE "LL"  SF 1
COMBO "LSS214P"  LOADCASE "EQYP"  SF -1
COMBO "LSS214P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS221P"  TYPE "Linear Add"
COMBO "LSS221P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS221P"  LOADCASE "DL"  SF 1.2
COMBO "LSS221P"  LOADCASE "LL"  SF 1
COMBO "LSS221P"  LOADCASE "EQYP"  SF 0.3
COMBO "LSS221P"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS222P"  TYPE "Linear Add"
COMBO "LSS222P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS222P"  LOADCASE "DL"  SF 1.2
COMBO "LSS222P"  LOADCASE "LL"  SF 1
COMBO "LSS222P"  LOADCASE "EQYP"  SF 0.3
COMBO "LSS222P"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS223P"  TYPE "Linear Add"
COMBO "LSS223P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS223P"  LOADCASE "DL"  SF 1.2
COMBO "LSS223P"  LOADCASE "LL"  SF 1
COMBO "LSS223P"  LOADCASE "EQYP"  SF -0.3
COMBO "LSS223P"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS224P"  TYPE "Linear Add"
COMBO "LSS224P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS224P"  LOADCASE "DL"  SF 1.2
COMBO "LSS224P"  LOADCASE "LL"  SF 1
COMBO "LSS224P"  LOADCASE "EQYP"  SF -0.3
COMBO "LSS224P"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS231P"  TYPE "Linear Add"
COMBO "LSS231P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS231P"  LOADCASE "DL"  SF 0.9
COMBO "LSS231P"  LOADCASE "EQYP"  SF 1
COMBO "LSS231P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS232P"  TYPE "Linear Add"
COMBO "LSS232P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS232P"  LOADCASE "DL"  SF 0.9
COMBO "LSS232P"  LOADCASE "EQYP"  SF 1
COMBO "LSS232P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS233P"  TYPE "Linear Add"
COMBO "LSS233P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS233P"  LOADCASE "DL"  SF 0.9
COMBO "LSS233P"  LOADCASE "EQYP"  SF -1
COMBO "LSS233P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS234P"  TYPE "Linear Add"
COMBO "LSS234P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS234P"  LOADCASE "DL"  SF 0.9
COMBO "LSS234P"  LOADCASE "EQYP"  SF -1
COMBO "LSS234P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS241P"  TYPE "Linear Add"
COMBO "LSS241P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS241P"  LOADCASE "DL"  SF 0.9
COMBO "LSS241P"  LOADCASE "EQYP"  SF 0.3
COMBO "LSS241P"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS242P"  TYPE "Linear Add"
COMBO "LSS242P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS242P"  LOADCASE "DL"  SF 0.9
COMBO "LSS242P"  LOADCASE "EQYP"  SF 0.3
COMBO "LSS242P"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS243P"  TYPE "Linear Add"
COMBO "LSS243P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS243P"  LOADCASE "DL"  SF 0.9
COMBO "LSS243P"  LOADCASE "EQYP"  SF -0.3
COMBO "LSS243P"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS244P"  TYPE "Linear Add"
COMBO "LSS244P"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS244P"  LOADCASE "DL"  SF 0.9
COMBO "LSS244P"  LOADCASE "EQYP"  SF -0.3
COMBO "LSS244P"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS111N"  TYPE "Linear Add"
COMBO "LSS111N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS111N"  LOADCASE "DL"  SF 1.2
COMBO "LSS111N"  LOADCASE "LL"  SF 1
COMBO "LSS111N"  LOADCASE "EQXN"  SF 1
COMBO "LSS111N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS112N"  TYPE "Linear Add"
COMBO "LSS112N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS112N"  LOADCASE "DL"  SF 1.2
COMBO "LSS112N"  LOADCASE "LL"  SF 1
COMBO "LSS112N"  LOADCASE "EQXN"  SF 1
COMBO "LSS112N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS113N"  TYPE "Linear Add"
COMBO "LSS113N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS113N"  LOADCASE "DL"  SF 1.2
COMBO "LSS113N"  LOADCASE "LL"  SF 1
COMBO "LSS113N"  LOADCASE "EQXN"  SF -1
COMBO "LSS113N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS114N"  TYPE "Linear Add"
COMBO "LSS114N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS114N"  LOADCASE "DL"  SF 1.2
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COMBO "LSS114N"  LOADCASE "LL"  SF 1
COMBO "LSS114N"  LOADCASE "EQXN"  SF -1
COMBO "LSS114N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS121N"  TYPE "Linear Add"
COMBO "LSS121N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS121N"  LOADCASE "DL"  SF 1.2
COMBO "LSS121N"  LOADCASE "LL"  SF 1
COMBO "LSS121N"  LOADCASE "EQXN"  SF 0.3
COMBO "LSS121N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS122N"  TYPE "Linear Add"
COMBO "LSS122N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS122N"  LOADCASE "DL"  SF 1.2
COMBO "LSS122N"  LOADCASE "LL"  SF 1
COMBO "LSS122N"  LOADCASE "EQXN"  SF 0.3
COMBO "LSS122N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS123N"  TYPE "Linear Add"
COMBO "LSS123N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS123N"  LOADCASE "DL"  SF 1.2
COMBO "LSS123N"  LOADCASE "LL"  SF 1
COMBO "LSS123N"  LOADCASE "EQXN"  SF -0.3
COMBO "LSS123N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS124N"  TYPE "Linear Add"
COMBO "LSS124N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS124N"  LOADCASE "DL"  SF 1.2
COMBO "LSS124N"  LOADCASE "LL"  SF 1
COMBO "LSS124N"  LOADCASE "EQXN"  SF -0.3
COMBO "LSS124N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS131N"  TYPE "Linear Add"
COMBO "LSS131N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS131N"  LOADCASE "DL"  SF 0.9
COMBO "LSS131N"  LOADCASE "EQXN"  SF 1
COMBO "LSS131N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS132N"  TYPE "Linear Add"
COMBO "LSS132N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS132N"  LOADCASE "DL"  SF 0.9
COMBO "LSS132N"  LOADCASE "EQXN"  SF 1
COMBO "LSS132N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS133N"  TYPE "Linear Add"
COMBO "LSS133N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS133N"  LOADCASE "DL"  SF 0.9
COMBO "LSS133N"  LOADCASE "EQXN"  SF -1
COMBO "LSS133N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS134N"  TYPE "Linear Add"
COMBO "LSS134N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS134N"  LOADCASE "DL"  SF 0.9
COMBO "LSS134N"  LOADCASE "EQXN"  SF -1
COMBO "LSS134N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS141N"  TYPE "Linear Add"
COMBO "LSS141N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS141N"  LOADCASE "DL"  SF 0.9
COMBO "LSS141N"  LOADCASE "EQXN"  SF 0.3
COMBO "LSS141N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS142N"  TYPE "Linear Add"
COMBO "LSS142N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS142N"  LOADCASE "DL"  SF 0.9
COMBO "LSS142N"  LOADCASE "EQXN"  SF 0.3
COMBO "LSS142N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS143N"  TYPE "Linear Add"
COMBO "LSS143N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS143N"  LOADCASE "DL"  SF 0.9
COMBO "LSS143N"  LOADCASE "EQXN"  SF -0.3
COMBO "LSS143N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS144N"  TYPE "Linear Add"
COMBO "LSS144N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS144N"  LOADCASE "DL"  SF 0.9
COMBO "LSS144N"  LOADCASE "EQXN"  SF -0.3
COMBO "LSS144N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS211N"  TYPE "Linear Add"
COMBO "LSS211N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS211N"  LOADCASE "DL"  SF 1.2
COMBO "LSS211N"  LOADCASE "LL"  SF 1
COMBO "LSS211N"  LOADCASE "EQYN"  SF 1
COMBO "LSS211N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS212N"  TYPE "Linear Add"
COMBO "LSS212N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS212N"  LOADCASE "DL"  SF 1.2
COMBO "LSS212N"  LOADCASE "LL"  SF 1
COMBO "LSS212N"  LOADCASE "EQYN"  SF 1
COMBO "LSS212N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS213N"  TYPE "Linear Add"
COMBO "LSS213N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS213N"  LOADCASE "DL"  SF 1.2
COMBO "LSS213N"  LOADCASE "LL"  SF 1
COMBO "LSS213N"  LOADCASE "EQYN"  SF -1
COMBO "LSS213N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS214N"  TYPE "Linear Add"
COMBO "LSS214N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS214N"  LOADCASE "DL"  SF 1.2
COMBO "LSS214N"  LOADCASE "LL"  SF 1
COMBO "LSS214N"  LOADCASE "EQYN"  SF -1
COMBO "LSS214N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS221N"  TYPE "Linear Add"
COMBO "LSS221N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS221N"  LOADCASE "DL"  SF 1.2
COMBO "LSS221N"  LOADCASE "LL"  SF 1
COMBO "LSS221N"  LOADCASE "EQYN"  SF 0.3
COMBO "LSS221N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS222N"  TYPE "Linear Add"
COMBO "LSS222N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS222N"  LOADCASE "DL"  SF 1.2
COMBO "LSS222N"  LOADCASE "LL"  SF 1
COMBO "LSS222N"  LOADCASE "EQYN"  SF 0.3
COMBO "LSS222N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS223N"  TYPE "Linear Add"
COMBO "LSS223N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS223N"  LOADCASE "DL"  SF 1.2
COMBO "LSS223N"  LOADCASE "LL"  SF 1
COMBO "LSS223N"  LOADCASE "EQYN"  SF -0.3
COMBO "LSS223N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS224N"  TYPE "Linear Add"
COMBO "LSS224N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS224N"  LOADCASE "DL"  SF 1.2
COMBO "LSS224N"  LOADCASE "LL"  SF 1
COMBO "LSS224N"  LOADCASE "EQYN"  SF -0.3
COMBO "LSS224N"  LOADCOMBO "EQZ"  SF -1
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COMBO "LSS231N"  TYPE "Linear Add"
COMBO "LSS231N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS231N"  LOADCASE "DL"  SF 0.9
COMBO "LSS231N"  LOADCASE "EQYN"  SF 1
COMBO "LSS231N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS232N"  TYPE "Linear Add"
COMBO "LSS232N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS232N"  LOADCASE "DL"  SF 0.9
COMBO "LSS232N"  LOADCASE "EQYN"  SF 1
COMBO "LSS232N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS233N"  TYPE "Linear Add"
COMBO "LSS233N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS233N"  LOADCASE "DL"  SF 0.9
COMBO "LSS233N"  LOADCASE "EQYN"  SF -1
COMBO "LSS233N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "LSS234N"  TYPE "Linear Add"
COMBO "LSS234N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS234N"  LOADCASE "DL"  SF 0.9
COMBO "LSS234N"  LOADCASE "EQYN"  SF -1
COMBO "LSS234N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "LSS241N"  TYPE "Linear Add"
COMBO "LSS241N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS241N"  LOADCASE "DL"  SF 0.9
COMBO "LSS241N"  LOADCASE "EQYN"  SF 0.3
COMBO "LSS241N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS242N"  TYPE "Linear Add"
COMBO "LSS242N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS242N"  LOADCASE "DL"  SF 0.9
COMBO "LSS242N"  LOADCASE "EQYN"  SF 0.3
COMBO "LSS242N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS243N"  TYPE "Linear Add"
COMBO "LSS243N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS243N"  LOADCASE "DL"  SF 0.9
COMBO "LSS243N"  LOADCASE "EQYN"  SF -0.3
COMBO "LSS243N"  LOADCOMBO "EQZ"  SF 1
COMBO "LSS244N"  TYPE "Linear Add"
COMBO "LSS244N"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS244N"  LOADCASE "DL"  SF 0.9
COMBO "LSS244N"  LOADCASE "EQYN"  SF -0.3
COMBO "LSS244N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSS311"  TYPE "Linear Add"
COMBO "LSS311"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS311"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS311"  LOADCASE "DL"  SF 1.2
COMBO "LSS311"  LOADCASE "LL"  SF 1
COMBO "LSS311"  LOADCASE "WLXP"  SF 1.6
COMBO "LSS312"  TYPE "Linear Add"
COMBO "LSS312"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS312"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS312"  LOADCASE "DL"  SF 1.2
COMBO "LSS312"  LOADCASE "LL"  SF 1
COMBO "LSS312"  LOADCASE "WLXN"  SF 1.6
COMBO "LSS321"  TYPE "Linear Add"
COMBO "LSS321"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS321"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS321"  LOADCASE "DL"  SF 0.9
COMBO "LSS321"  LOADCASE "WLXP"  SF 1.6
COMBO "LSS322"  TYPE "Linear Add"
COMBO "LSS322"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS322"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS322"  LOADCASE "DL"  SF 0.9
COMBO "LSS322"  LOADCASE "WLXN"  SF 1.6
COMBO "LSS411"  TYPE "Linear Add"
COMBO "LSS411"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS411"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS411"  LOADCASE "DL"  SF 1.2
COMBO "LSS411"  LOADCASE "LL"  SF 1
COMBO "LSS411"  LOADCASE "WLYP"  SF 1.6
COMBO "LSS412"  TYPE "Linear Add"
COMBO "LSS412"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS412"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS412"  LOADCASE "DL"  SF 1.2
COMBO "LSS412"  LOADCASE "LL"  SF 1
COMBO "LSS412"  LOADCASE "WLYN"  SF 1.6
COMBO "LSS421"  TYPE "Linear Add"
COMBO "LSS421"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS421"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS421"  LOADCASE "DL"  SF 0.9
COMBO "LSS421"  LOADCASE "WLYP"  SF 1.6
COMBO "LSS422"  TYPE "Linear Add"
COMBO "LSS422"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "LSS422"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "LSS422"  LOADCASE "DL"  SF 0.9
COMBO "LSS422"  LOADCASE "WLYN"  SF 1.6
COMBO "NRC101"  TYPE "Linear Add"
COMBO "NRC101"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC101"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC101"  LOADCASE "DL"  SF 1.4
COMBO "NRC102"  TYPE "Linear Add"
COMBO "NRC102"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC102"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC102"  LOADCASE "DL"  SF 1.2
COMBO "NRC102"  LOADCASE "LL"  SF 1.6
COMBO "NRC111P"  TYPE "Linear Add"
COMBO "NRC111P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC111P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC111P"  LOADCASE "DL"  SF 1.2
COMBO "NRC111P"  LOADCASE "LL"  SF 1
COMBO "NRC111P"  LOADCASE "EQXP"  SF 1
COMBO "NRC111P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC112P"  TYPE "Linear Add"
COMBO "NRC112P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC112P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC112P"  LOADCASE "DL"  SF 1.2
COMBO "NRC112P"  LOADCASE "LL"  SF 1
COMBO "NRC112P"  LOADCASE "EQXP"  SF 1
COMBO "NRC112P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC113P"  TYPE "Linear Add"
COMBO "NRC113P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC113P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC113P"  LOADCASE "DL"  SF 1.2
COMBO "NRC113P"  LOADCASE "LL"  SF 1
COMBO "NRC113P"  LOADCASE "EQXP"  SF -1
COMBO "NRC113P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC114P"  TYPE "Linear Add"
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COMBO "NRC114P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC114P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC114P"  LOADCASE "DL"  SF 1.2
COMBO "NRC114P"  LOADCASE "LL"  SF 1
COMBO "NRC114P"  LOADCASE "EQXP"  SF -1
COMBO "NRC114P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC121P"  TYPE "Linear Add"
COMBO "NRC121P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC121P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC121P"  LOADCASE "DL"  SF 1.2
COMBO "NRC121P"  LOADCASE "LL"  SF 1
COMBO "NRC121P"  LOADCASE "EQXP"  SF 0.3
COMBO "NRC121P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC122P"  TYPE "Linear Add"
COMBO "NRC122P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC122P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC122P"  LOADCASE "DL"  SF 1.2
COMBO "NRC122P"  LOADCASE "LL"  SF 1
COMBO "NRC122P"  LOADCASE "EQXP"  SF 0.3
COMBO "NRC122P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC123P"  TYPE "Linear Add"
COMBO "NRC123P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC123P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC123P"  LOADCASE "DL"  SF 1.2
COMBO "NRC123P"  LOADCASE "LL"  SF 1
COMBO "NRC123P"  LOADCASE "EQXN"  SF -0.3
COMBO "NRC123P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC124P"  TYPE "Linear Add"
COMBO "NRC124P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC124P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC124P"  LOADCASE "DL"  SF 1.2
COMBO "NRC124P"  LOADCASE "LL"  SF 1
COMBO "NRC124P"  LOADCASE "EQXP"  SF -0.3
COMBO "NRC124P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC131P"  TYPE "Linear Add"
COMBO "NRC131P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC131P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC131P"  LOADCASE "DL"  SF 0.9
COMBO "NRC131P"  LOADCASE "EQXP"  SF 1
COMBO "NRC131P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC132P"  TYPE "Linear Add"
COMBO "NRC132P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC132P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC132P"  LOADCASE "DL"  SF 0.9
COMBO "NRC132P"  LOADCASE "EQXP"  SF 1
COMBO "NRC132P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC133P"  TYPE "Linear Add"
COMBO "NRC133P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC133P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC133P"  LOADCASE "DL"  SF 0.9
COMBO "NRC133P"  LOADCASE "EQXP"  SF -1
COMBO "NRC133P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC134P"  TYPE "Linear Add"
COMBO "NRC134P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC134P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC134P"  LOADCASE "DL"  SF 0.9
COMBO "NRC134P"  LOADCASE "EQXP"  SF -1
COMBO "NRC134P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC141P"  TYPE "Linear Add"
COMBO "NRC141P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC141P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC141P"  LOADCASE "DL"  SF 0.9
COMBO "NRC141P"  LOADCASE "EQZP"  SF 0.3
COMBO "NRC141P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC142P"  TYPE "Linear Add"
COMBO "NRC142P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC142P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC142P"  LOADCASE "DL"  SF 0.9
COMBO "NRC142P"  LOADCASE "EQZP"  SF 0.3
COMBO "NRC142P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC143P"  TYPE "Linear Add"
COMBO "NRC143P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC143P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC143P"  LOADCASE "DL"  SF 0.9
COMBO "NRC143P"  LOADCASE "EQZP"  SF -0.3
COMBO "NRC143P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC144P"  TYPE "Linear Add"
COMBO "NRC144P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC144P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC144P"  LOADCASE "DL"  SF 0.9
COMBO "NRC144P"  LOADCASE "EQZP"  SF -0.3
COMBO "NRC144P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC211P"  TYPE "Linear Add"
COMBO "NRC211P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC211P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC211P"  LOADCASE "DL"  SF 1.2
COMBO "NRC211P"  LOADCASE "LL"  SF 1
COMBO "NRC211P"  LOADCASE "EQYP"  SF 1
COMBO "NRC211P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC212P"  TYPE "Linear Add"
COMBO "NRC212P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC212P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC212P"  LOADCASE "DL"  SF 1.2
COMBO "NRC212P"  LOADCASE "LL"  SF 1
COMBO "NRC212P"  LOADCASE "EQYP"  SF 1
COMBO "NRC212P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC213P"  TYPE "Linear Add"
COMBO "NRC213P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC213P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC213P"  LOADCASE "DL"  SF 1.2
COMBO "NRC213P"  LOADCASE "LL"  SF 1
COMBO "NRC213P"  LOADCASE "EQYP"  SF -1
COMBO "NRC213P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC214P"  TYPE "Linear Add"
COMBO "NRC214P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC214P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC214P"  LOADCASE "DL"  SF 1.2
COMBO "NRC214P"  LOADCASE "LL"  SF 1
COMBO "NRC214P"  LOADCASE "EQYP"  SF -1
COMBO "NRC214P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC221P"  TYPE "Linear Add"
COMBO "NRC221P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC221P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC221P"  LOADCASE "DL"  SF 1.2
COMBO "NRC221P"  LOADCASE "LL"  SF 1
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COMBO "NRC221P"  LOADCASE "EQYP"  SF 0.3
COMBO "NRC221P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC222P"  TYPE "Linear Add"
COMBO "NRC222P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC222P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC222P"  LOADCASE "DL"  SF 1.2
COMBO "NRC222P"  LOADCASE "LL"  SF 1
COMBO "NRC222P"  LOADCASE "EQYP"  SF 0.3
COMBO "NRC222P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC223P"  TYPE "Linear Add"
COMBO "NRC223P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC223P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC223P"  LOADCASE "DL"  SF 1.2
COMBO "NRC223P"  LOADCASE "LL"  SF 1
COMBO "NRC223P"  LOADCASE "EQYP"  SF -0.3
COMBO "NRC223P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC224P"  TYPE "Linear Add"
COMBO "NRC224P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC224P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC224P"  LOADCASE "DL"  SF 1.2
COMBO "NRC224P"  LOADCASE "LL"  SF 1
COMBO "NRC224P"  LOADCASE "EQYP"  SF -0.3
COMBO "NRC224P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC231P"  TYPE "Linear Add"
COMBO "NRC231P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC231P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC231P"  LOADCASE "DL"  SF 0.9
COMBO "NRC231P"  LOADCASE "EQYP"  SF 1
COMBO "NRC231P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC232P"  TYPE "Linear Add"
COMBO "NRC232P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC232P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC232P"  LOADCASE "DL"  SF 0.9
COMBO "NRC232P"  LOADCASE "EQYP"  SF 1
COMBO "NRC232P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC233P"  TYPE "Linear Add"
COMBO "NRC233P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC233P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC233P"  LOADCASE "DL"  SF 0.9
COMBO "NRC233P"  LOADCASE "EQYP"  SF -1
COMBO "NRC233P"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC234P"  TYPE "Linear Add"
COMBO "NRC234P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC234P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC234P"  LOADCASE "DL"  SF 0.9
COMBO "NRC234P"  LOADCASE "EQYP"  SF -1
COMBO "NRC234P"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC241P"  TYPE "Linear Add"
COMBO "NRC241P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC241P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC241P"  LOADCASE "DL"  SF 0.9
COMBO "NRC241P"  LOADCASE "EQYP"  SF 0.3
COMBO "NRC241P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC242P"  TYPE "Linear Add"
COMBO "NRC242P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC242P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC242P"  LOADCASE "DL"  SF 0.9
COMBO "NRC242P"  LOADCASE "EQYP"  SF 0.3
COMBO "NRC242P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC243P"  TYPE "Linear Add"
COMBO "NRC243P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC243P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC243P"  LOADCASE "DL"  SF 0.9
COMBO "NRC243P"  LOADCASE "EQYP"  SF -0.3
COMBO "NRC243P"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC244P"  TYPE "Linear Add"
COMBO "NRC244P"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC244P"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC244P"  LOADCASE "DL"  SF 0.9
COMBO "NRC244P"  LOADCASE "EQYP"  SF -0.3
COMBO "NRC244P"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC111N"  TYPE "Linear Add"
COMBO "NRC111N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC111N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC111N"  LOADCASE "DL"  SF 1.2
COMBO "NRC111N"  LOADCASE "LL"  SF 1
COMBO "NRC111N"  LOADCASE "EQYN"  SF 1
COMBO "NRC111N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC112N"  TYPE "Linear Add"
COMBO "NRC112N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC112N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC112N"  LOADCASE "DL"  SF 1.2
COMBO "NRC112N"  LOADCASE "LL"  SF 1
COMBO "NRC112N"  LOADCASE "EQYN"  SF 1
COMBO "NRC112N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC113N"  TYPE "Linear Add"
COMBO "NRC113N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC113N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC113N"  LOADCASE "DL"  SF 1.2
COMBO "NRC113N"  LOADCASE "LL"  SF 1
COMBO "NRC113N"  LOADCASE "EQYN"  SF -1
COMBO "NRC113N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC114N"  TYPE "Linear Add"
COMBO "NRC114N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC114N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC114N"  LOADCASE "DL"  SF 1.2
COMBO "NRC114N"  LOADCASE "LL"  SF 1
COMBO "NRC114N"  LOADCASE "EQYN"  SF -1
COMBO "NRC114N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC121N"  TYPE "Linear Add"
COMBO "NRC121N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC121N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC121N"  LOADCASE "DL"  SF 1.2
COMBO "NRC121N"  LOADCASE "LL"  SF 1
COMBO "NRC121N"  LOADCASE "EQXN"  SF 0.3
COMBO "NRC121N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC122N"  TYPE "Linear Add"
COMBO "NRC122N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC122N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC122N"  LOADCASE "DL"  SF 1.2
COMBO "NRC122N"  LOADCASE "LL"  SF 1
COMBO "NRC122N"  LOADCASE "EQXN"  SF 0.3
COMBO "NRC122N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC123N"  TYPE "Linear Add"
COMBO "NRC123N"  DESIGN "Concrete"  COMBOTYPE "Strength"
```



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COMBO "NRC123N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC123N"  LOADCASE "DL"  SF 1.2
COMBO "NRC123N"  LOADCASE "LL"  SF 1
COMBO "NRC123N"  LOADCASE "EQXN"  SF -0.3
COMBO "NRC123N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC124N"  TYPE "Linear Add"
COMBO "NRC124N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC124N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC124N"  LOADCASE "DL"  SF 1.2
COMBO "NRC124N"  LOADCASE "LL"  SF 1
COMBO "NRC124N"  LOADCASE "EQXN"  SF -0.3
COMBO "NRC124N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC131N"  TYPE "Linear Add"
COMBO "NRC131N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC131N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC131N"  LOADCASE "DL"  SF 0.9
COMBO "NRC131N"  LOADCASE "EQXN"  SF 1
COMBO "NRC131N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC132N"  TYPE "Linear Add"
COMBO "NRC132N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC132N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC132N"  LOADCASE "DL"  SF 0.9
COMBO "NRC132N"  LOADCASE "EQXN"  SF 1
COMBO "NRC132N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC133N"  TYPE "Linear Add"
COMBO "NRC133N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC133N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC133N"  LOADCASE "DL"  SF 0.9
COMBO "NRC133N"  LOADCASE "EQXN"  SF -1
COMBO "NRC133N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC134N"  TYPE "Linear Add"
COMBO "NRC134N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC134N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC134N"  LOADCASE "DL"  SF 0.9
COMBO "NRC134N"  LOADCASE "EQXN"  SF -1
COMBO "NRC134N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC141N"  TYPE "Linear Add"
COMBO "NRC141N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC141N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC141N"  LOADCASE "DL"  SF 0.9
COMBO "NRC141N"  LOADCASE "EQXN"  SF 0.3
COMBO "NRC141N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC142N"  TYPE "Linear Add"
COMBO "NRC142N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC142N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC142N"  LOADCASE "DL"  SF 0.9
COMBO "NRC142N"  LOADCASE "EQXN"  SF 0.3
COMBO "NRC142N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC143N"  TYPE "Linear Add"
COMBO "NRC143N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC143N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC143N"  LOADCASE "DL"  SF 0.9
COMBO "NRC143N"  LOADCASE "EQXN"  SF -0.3
COMBO "NRC143N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC144N"  TYPE "Linear Add"
COMBO "NRC144N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC144N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC144N"  LOADCASE "DL"  SF 0.9
COMBO "NRC144N"  LOADCASE "EQXN"  SF -0.3
COMBO "NRC144N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC211N"  TYPE "Linear Add"
COMBO "NRC211N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC211N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC211N"  LOADCASE "DL"  SF 1.2
COMBO "NRC211N"  LOADCASE "LL"  SF 1
COMBO "NRC211N"  LOADCASE "EQYN"  SF 1
COMBO "NRC211N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC212N"  TYPE "Linear Add"
COMBO "NRC212N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC212N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC212N"  LOADCASE "DL"  SF 1.2
COMBO "NRC212N"  LOADCASE "LL"  SF 1
COMBO "NRC212N"  LOADCASE "EQYN"  SF 1
COMBO "NRC212N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC213N"  TYPE "Linear Add"
COMBO "NRC213N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC213N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC213N"  LOADCASE "DL"  SF 1.2
COMBO "NRC213N"  LOADCASE "LL"  SF 1
COMBO "NRC213N"  LOADCASE "EQYN"  SF -1
COMBO "NRC213N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC214N"  TYPE "Linear Add"
COMBO "NRC214N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC214N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC214N"  LOADCASE "DL"  SF 1.2
COMBO "NRC214N"  LOADCASE "LL"  SF 1
COMBO "NRC214N"  LOADCASE "EQYN"  SF -1
COMBO "NRC214N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC221N"  TYPE "Linear Add"
COMBO "NRC221N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC221N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC221N"  LOADCASE "DL"  SF 1.2
COMBO "NRC221N"  LOADCASE "LL"  SF 1
COMBO "NRC221N"  LOADCASE "EQYN"  SF 0.3
COMBO "NRC221N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC222N"  TYPE "Linear Add"
COMBO "NRC222N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC222N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC222N"  LOADCASE "DL"  SF 1.2
COMBO "NRC222N"  LOADCASE "LL"  SF 1
COMBO "NRC222N"  LOADCASE "EQYN"  SF 0.3
COMBO "NRC222N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC223N"  TYPE "Linear Add"
COMBO "NRC223N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC223N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC223N"  LOADCASE "DL"  SF 1.2
COMBO "NRC223N"  LOADCASE "LL"  SF 1
COMBO "NRC223N"  LOADCASE "EQYN"  SF -0.3
COMBO "NRC223N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC224N"  TYPE "Linear Add"
COMBO "NRC224N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC224N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC224N"  LOADCASE "DL"  SF 1.2
COMBO "NRC224N"  LOADCASE "LL"  SF 1
COMBO "NRC224N"  LOADCASE "EQYN"  SF -0.3
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COMBO "NRC224N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC231N"  TYPE "Linear Add"
COMBO "NRC231N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC231N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC231N"  LOADCASE "DL"  SF 0.9
COMBO "NRC231N"  LOADCASE "EQYN"  SF 1
COMBO "NRC231N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC232N"  TYPE "Linear Add"
COMBO "NRC232N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC232N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC232N"  LOADCASE "DL"  SF 0.9
COMBO "NRC232N"  LOADCASE "EQYN"  SF 1
COMBO "NRC232N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC233N"  TYPE "Linear Add"
COMBO "NRC233N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC233N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC233N"  LOADCASE "DL"  SF 0.9
COMBO "NRC233N"  LOADCASE "EQYN"  SF -1
COMBO "NRC233N"  LOADCOMBO "EQZ"  SF 0.3
COMBO "NRC234N"  TYPE "Linear Add"
COMBO "NRC234N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC234N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC234N"  LOADCASE "DL"  SF 0.9
COMBO "NRC234N"  LOADCASE "EQYN"  SF -1
COMBO "NRC234N"  LOADCOMBO "EQZ"  SF -0.3
COMBO "NRC241N"  TYPE "Linear Add"
COMBO "NRC241N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC241N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC241N"  LOADCASE "DL"  SF 0.9
COMBO "NRC241N"  LOADCASE "EQYN"  SF 0.3
COMBO "NRC241N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC242N"  TYPE "Linear Add"
COMBO "NRC242N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC242N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC242N"  LOADCASE "DL"  SF 0.9
COMBO "NRC242N"  LOADCASE "EQYN"  SF 0.3
COMBO "NRC242N"  LOADCOMBO "EQZ"  SF -1
COMBO "NRC243N"  TYPE "Linear Add"
COMBO "NRC243N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC243N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC243N"  LOADCASE "DL"  SF 0.9
COMBO "NRC243N"  LOADCASE "EQYN"  SF -0.3
COMBO "NRC243N"  LOADCOMBO "EQZ"  SF 1
COMBO "NRC244N"  TYPE "Linear Add"
COMBO "NRC244N"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "NRC244N"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "NRC244N"  LOADCASE "DL"  SF 0.9
COMBO "NRC244N"  LOADCASE "EQYN"  SF -0.3
COMBO "NRC244N"  LOADCOMBO "EQZ"  SF -1
COMBO "LSSD1"  TYPE "Linear Add"
COMBO "LSSD1"  DESIGN "Steel"  COMBOTYPE "Deflection"
COMBO "LSSD1"  LOADCASE "DL"  SF 1
COMBO "LSSD2"  TYPE "Linear Add"
COMBO "LSSD2"  DESIGN "Steel"  COMBOTYPE "Deflection"
COMBO "LSSD2"  LOADCASE "DL"  SF 1
COMBO "LSSD2"  LOADCASE "LL"  SF 1
COMBO "NRCO"  TYPE "Envelope"
COMBO "NRCO"  LOADCOMBO "NRC101"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC109"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC111P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC112P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC113P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC114P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC121P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC122P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC123P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC124P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC131P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC132P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC133P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC134P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC141P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC142P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC143P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC144P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC211P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC212P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC213P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC214P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC221P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC222P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC223P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC224P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC231P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC232P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC233P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC234P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC241P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC242P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC243P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC244P"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC111N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC112N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC113N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC114N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC121N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC122N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC123N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC124N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC131N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC132N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC133N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC134N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC141N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC142N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC143N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC144N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC211N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC212N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC213N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC214N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC221N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC222N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC223N"  SF 1
COMBO "NRCO"  LOADCOMBO "NRC224N"  SF 1
```



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  COMBO "NRCO"  LOADCOMBO "NRC231N"  SF 1
  COMBO "NRCO"  LOADCOMBO "NRC232N"  SF 1
  COMBO "NRCO"  LOADCOMBO "NRC233N"  SF 1
  COMBO "NRCO"  LOADCOMBO "NRC234N"  SF 1
  COMBO "NRCO"  LOADCOMBO "NRC241N"  SF 1
  COMBO "NRCO"  LOADCOMBO "NRC242N"  SF 1
  COMBO "NRCO"  LOADCOMBO "NRC243N"  SF 1
  COMBO "NRCO"  LOADCOMBO "NRC244N"  SF 1

$ GENERAL DESIGN PREFERENCES
  GENERALPREFERENCE  STRUCTURALSYSTEM "FRAME ONLY"  STORYSTIFFNESSTYPE "STORY SHEAR/DISP"  OVERTURNTYPE "FROM STORY SHEAR"  GAMMA_Q 1
GAMMA_L 1
  GENERALPREFERENCE  OVERSTRENGTHFACTOR 1.1 SEISMICPERFORMANCECLASS "NORMAL"  AUTOBEAMSTIFFEN "NO"  TALLBUILDING "NO"  TALLBUILDINGCLASS
"B"
  GENERALPREFERENCE  IRREGULARSTORYMODIFIER 1.25 DUALSYSTEMMAXSNF 2 SEISMICGROUP "I"

$ STEEL DESIGN PREFERENCES
  STEELPREFERENCE  CODE "AISC LRFD 93"  THDESIGN "EVERYSTEP-ALL"  FRAMETYPE "MOMENT FRAME"
  STEELPREFERENCE  PHIBLRFD 0.9 PHICLRFD 0.85 PHITLRFD 0.9 PHIVLRFD 0.9 PHICANGLELRFD 0.9
  STEELPREFERENCE  CONSIDERDEFLECTION "YES"
  STEELPREFERENCE  DLDEFLECTIONLIMIT 120 SLDEFLECTIONLIMIT 120 LLDEFLECTIONLIMIT 360 TLDEFLECTIONLIMIT 240 TLMCDEFLECTIONLIMIT 240
  STEELPREFERENCE  PATTERNLLF 0.75 MAXITERATION 1 SRLIMIT 0.05

$ CONCRETE DESIGN PREFERENCES
  CONCRETEPREFERENCE  CODE "ACI 318-08" THDESIGN "EVERYSTEP"    CONSIDERMINECCENTRICITY "YES"    DESIGNFORBCCR "YES"
  CONCRETEPREFERENCE  IGNOREBENEFICIALPUTNBEAMDESIGN "NO"
  CONCRETEPREFERENCE  NUMINTERCURVES 24  NUMINTERPOINTS 11  PATTERNLLF 0.75  UFLIMIT 0.9
  CONCRETEPREFERENCE  SEC "EP"    RHO 0  SDS 1
  CONCRETEPREFERENCE  PHITENSIONCTRL 0.9  PHICOMPRESSIONCTRLTIED 0.65  PHICOMPRESSIONCTRLSPIRAL 0.7
  CONCRETEPREFERENCE  PHISHEARTORSION 0.75  PHISHEARSEISMIC 0.6  PHISHEARJOINT 0.85
  CONCRETEPREFERENCE  USERSTRESS "NO"  INITCONCRAT 0.8  LLFRACTION 0

$ COMPOSITE DESIGN PREFERENCES
  COMPOSITEPREFERENCE  CODE "AISC 360-05"
  COMPOSITEPREFERENCE  PHI-B 0.9  PHI-BCNE 0.9  PHI-BCNP 0.9  PHI-BCFP 0.95  PHI-Y 0.9  PHI-C 0.9  PHI-T 0.9
  COMPOSITEPREFERENCE  LOADCASE "DL"  WITHALLFORCE "NO"    %MIDTOLERANCE 70  PATTERNLLF 0.75  SRLIMIT 0.05
  COMPOSITEPREFERENCE  MINNCOMPOSITE 25  MAXNCOMPOSITE 100  SINGLESEGMENT "NO"
  COMPOSITEPREFERENCE  MINLONGSPACING 11.43  MAXLONGSPACING 91.44  MINTRANSSPACING 7.62  MAXSTUDSPERROW 3
  COMPOSITEPREFERENCE  DLLIMIT 120  SLLIMIT 120  LLLIMIT 360  TLLIMIT 240  CREEPFACTOR 1
  COMPOSITEPREFERENCE  CALCULATECAMBER "YES"    #SLCAMBER 180  MINDEPTHFORCAMBER 34.29  MINWEBTHICKFORCAMBER 0.635  MINSPANFORCAMBER
731.52
  COMPOSITEPREFERENCE  CAMBERIGNORE 1.905  CAMBERELMIN 900  CAMBERABSMAX 10.16  CAMBERRELMAX 180  CAMBERINTERVAL 0.635  CAMBERROUNDDOWN
"YES"
  COMPOSITEPREFERENCE  %VIBLL 25  CONSIDERFREQ "NO"    MINFREQ 8  CONSIDERDAMP "NO"    %INHERENTDAMP 4
  COMPOSITEPREFERENCE  VIBRATIONCRITERION "WALKING"  OCCUPANCYCATEGORY "PAPEROFFICE"  DAMPINGRATIO 0.025  WALKINGACCELERATIONLIMIT 0.005
  COMPOSITEPREFERENCE  RHYTHMICACTIVITY "AEROBICS"  AFFECTEDOCCUPANCYCATEGORY "PAPEROFFICE"
  COMPOSITEPREFERENCE  RHYTHMICACCELERATIONLIMIT 0.005  UPPERSTEPFREQUENCY 2.75  LOWERSTEPFREQUENCY 2  NUMBERFREQUENCIES 16
  COMPOSITEPREFERENCE  EQUIPMENTORUSECATEGORY "COMPUTERSYSTEM"  VIBVELOCITYLIMIT 8000  WALKINGSPEED "VERYSLOW"
  COMPOSITEPREFERENCE  SENSITIVIBPSTEP 1.25  SENSYIBFL 6  SENSVIBFU 8  SENSVIBGAMMA 0.1
  COMPOSITEPREFERENCE  OPTIMIZEPRICE "NO"    STEELPRICE 1  CONNECTORPRICE 0  CAMBERPRICE 0

$ COMPOSITE COLUMN DESIGN PREFERENCES
  COMPOSITECOLUMNPREFERENCE  CODE "AISC 360-10"  THDESIGN "EVERYSTEP-ALL"
  COMPOSITECOLUMNPREFERENCE  PROVISION "LRFD"  ANALYSISMETHOD "DIRECT ANALYSIS"  SECONDORDERMETHOD "GENERAL 2ND ORDER"
STIFFNESSREDUCTIONMETHOD "TAU-B FIXED"
  COMPOSITECOLUMNPREFERENCE  PHIBAISC05 0.9 PHICAISC05 0.75 PHITYAISC05 0.9 PHITFAISC05 0.75
  COMPOSITECOLUMNPREFERENCE  PHIVAISC05 0.9 PHIVROLLEDIAISC05 1 PHITORSIONAISC05 0.9
  COMPOSITECOLUMNPREFERENCE  IGNORESEISMICCODE "NO"  IGNORESPECIALSEISMICLOAD "NO"  ISDOUBLERPLATEPLUGWELDED "YES"
  COMPOSITECOLUMNPREFERENCE  HSSWELDINGTYPE "ERW"  REDUCEHSSTHICKNESS "NO"
  COMPOSITECOLUMNPREFERENCE  PATTERNLLF 0 MAXITERATION 1 SRLIMIT 0.05

$ WALL DESIGN PREFERENCES
  WALLPREFERENCE  CODE "ACI 318-08"  THDESIGN "EVERYSTEP"
  WALLPREFERENCE  REBARMATERIAL "FY4200"  REBARSHEARMATERIAL "FY4200"
  WALLPREFERENCE  REG 1  SDS 1  I 1  CD 5.5  PHI-TCTRL 0.9  PHI-CCTRL 0.65  PHI-SHEAR 0.75  PHI-SHEARSEIS 0.6  PMAXFACTOR 0.8
  WALLPREFERENCE  NUMCURVES 24  NUMPOINTS 11
  WALLPREFERENCE  PTMAX 0.06  PCMAX 0.04  PMAX 0.02  PMIN 0.0025
  WALLPREFERENCE  UFLIMIT 0.95

$ CONCRETE SLAB DESIGN PREFERENCES
  CONCRETESLABPREFERENCE  CODE "ACI 318-14"  PHITENACI 0.9  PHICOMPACI 0.65  PHISHEARACI 0.75
  CONCRETESLABPREFERENCE  IGNOREBENEFICIALPUTNSLABDESIGN "NO"
  CONCRETESLABPREFERENCE  COVERTOP 5  COVERBOT 5  BARSIZE "#6"  INNERLAYER "B"    PTCGSTOP 2.5  PTCGSBOTEXT 4  PTCGSBOTINT 2.5  SLABTYPE
"Two Way"
  CONCRETESLABPREFERENCE  USERSTRESS "No"  INITCONCRAT 0.8  LLFRACTION 0.5

$ DIMENSION LINES
  DIMLINE DEFAULTSYSTEM G2
  DIMLINE DEFAULTSYSTEM G1

$ TABLE SETS
```

附件二

梁、柱配筋輸出資料

牆設計資料

鋼構應力輸出資料

教學樓：

梁配筋

F.NO=-38-3 R1F

		R1FB24(50* 70)		
TOP.req		10.92	11.15	10.49
TOP1	#6	4	3	3
TOP2	#6	0	0	0
BOT2	#8	0	0	0
BOT1	#8	3	3	3
BOT.req		10.55	12.98	12.07
STIR		#4@15	#4@20	#4@15
STIR.req		0.1688	0.0307	0.1688
WEB		G#3		
WEB.req		0.00		
LEVEL		0.00	0.00	
BM.H.LR	0			0
C-CLEN	0	750		0
UCOL.W	0			0
DCOL.W	80			-50
DCOL.H	0			-70

F.NO=-30-1 R1F

		R1FCB1(50* 70)				*R1FB1*(50* 70)				*R1FB2*(50* 70)			
TOP.req		7.49	10.55	17.51		24.91	11.79	29.84		23.97	11.18	21.57	
TOP1	#8	3	3	5	#8	5	3	5	#8	5	3	5	
TOP2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT1	#8	3	3	3	#8	3	3	3	#8	3	3	3	
BOT.req		7.49	7.49	10.55		11.99	10.55	10.55		11.55	10.55	10.55	
STIR		#4@12	#4@12	#4@12		#4@12	#4@20	#4@12		#4@12	#4@20	#4@12	
STIR.req		0.1349	0.0522	0.2066		0.2065	0.0539	0.2065		0.2070	0.0514	0.2070	
WEB		G#3				G#3				G#3			
WEB.req		0.00				0.00				0.00			
LEVEL		0.00				0.00				0.00	0.00		
BM.H.LR	0												70
C-CLEN	0	410				850				850			850
UCOL.W	0				0				0				0
DCOL.W	-30				80				80				80
DCOL.H	-70				0				0				0

F.NO=-30-1 1F

		1FCB1(50* 70)				*1FB1*(50* 70)				*1FB2*(50* 70)			
TOP.req		7.07	10.55	16.50		10.55	3.66	10.55		12.86	3.17	12.56	
TOP1	#8	3	3	4	#8	4	3	3	#8	3	3	3	
TOP2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT1	#8	3	3	3	#8	3	3	3	#8	3	3	3	
BOT.req		7.07	7.07	10.55		7.09	5.78	7.36		6.36	5.55	6.21	
STIR		#4@19	#4@10	#4@10		#3@12	#3@20	#3@12		#3@15	#3@20	#3@15	
STIR.req		0.1302	0.0858	0.2135		0.0886	0.0000	0.0886		0.0895	0.0000	0.0885	
WEB		G#3				G#3				G#3			
WEB.req		0.00				0.00				0.00			
LEVEL		0.00				0.00				0.00	0.00		
BM.H.LR	0												70
C-CLEN	0	410				850				850			850
UCOL.W	0				80				80				80
DCOL.W	-30				80				80				80
DCOL.H	-70				0				0				0

F.NO=-30-1 2F

		2FCB1(50* 70)				*2FB1*(50* 70)				*2FB2*(50* 70)			
TOP.req		13.50	16.81	32.73		43.55	14.36	41.46		43.57	14.39	42.27	
TOP1	#8	3	4	7	#8	7	3	7	#8	7	3	7	
TOP2	#8	0	0	2	#8	2	0	2	#8	2	0	2	
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT1	#8	3	3	5	#8	5	4	6	#8	6	4	6	
BOT.req		13.50	13.50	17.14		25.08	16.32	25.54		25.42	16.45	25.88	
STIR		2#4@12	2#4@12	2#4@12		#5@10	#5@20	#5@10		#5@10	#5@20	#5@10	
STIR.req		0.2251	0.2339	0.3968		0.3387	0.1634	0.3387		0.3397	0.1643	0.3397	
WEB		G#3				G#3				G#3			
WEB.req		0.00				0.00				0.00			
LEVEL		-150.00				150.00				0.00	0.00		
BM.H.LR	0												70
C-CLEN	0	410				850				850			850
UCOL.W	0				80				80				80
DCOL.W	-30				80				80				80
DCOL.H	-70				0				0				0

F.NO=-30-1 4F

		4FCB1(50* 70)				*4FB1*(50* 70)				*4FB2*(50* 70)			
TOP.req		10.38	13.98	24.69		35.77	10.92	31.10		35.33	10.80	32.85	
TOP1	#8	3	3	6	#8	6	3	7	#8	7	3	7	
TOP2	#8	0	0	2	#8	2	0	0	#8	0	0	0	
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT1	#8	3	3	4	#8	4	3	4	#8	4	3	4	
BOT.req		10.38	10.38	11.89		16.89	13.08	18.33		17.53	13.02	18.56	
STIR		#5@12	#5@12	#5@12		#5@12	#5@20	#5@12		#5@12	#5@20	#5@12	
STIR.req		0.1820	0.1339	0.2980		0.2982	0.1240	0.2982		0.2977	0.1236	0.2977	
WEB		G#3				G#3				G#3			
WEB.req		0.00				0.00				0.00			
LEVEL		-150.00				150.00				0.00	0.00		
BM.H.LR	0												70
C-CLEN	0	410				850				850			850
UCOL.W	0				80				80				80
DCOL.W	-30				80				80				80
DCOL.H	-70				0				0				0

F.NO=-30-1 3F

		3FCB1(50* 70)				*3FB1*(50* 70)				*3FB2*(50* 70)			
TOP.req		12.66	15.86	30.52		44.24	14.57	40.50		43.78	14.46	41.79	
TOP1	#8	3	4	7	#8	7	3	7	#8	7	3	7	
TOP2	#8	0	0	2	#8	2	0	2	#8	2	0	2	
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT1	#8	3	3	5	#8	5	4	5	#8	6	4	6	
BOT.req		12.66	12.66	15.31		24.84	16.59	25.90		25.29	16.56	26.05	
STIR		#5@10	#5@10	#5@10		#5@10	#5@20	#5@10		#5@10	#5@20	#5@10	
STIR.req		0.2132	0.2089	0.3735		0.3400	0.1852	0.3400		0.3393	0.1846	0.3393	
WEB		G#3				G#3				G#3			
WEB.req		0.00				0.00				0.00			
LEVEL		-150.00				150.00				0.00	0.00		
BM.H.LR	0												70
C-CLEN	0	410				850				850			850
UCOL.W	0				80				80				80
DCOL.W	-30				80				80				80
DCOL.H	-70				0				0				0

F.NO=-30-1 B1F

		B1FFB1(50*180)				*B1FFB2*(50*180)			
TOP.req		18.11	16.87	10.37		5.98	10.45	7.56	
TOP1	#8	4	4	4	#8	4	3	4	
TOP2	#8	0	0	0	#8	0	0	0	
BOT2	#8	0	0	2	#8	2	0	0	
BOT1	#8	7	3	6	#8	6	3	7	
BOT.req		30.67	7.44	37.49		30.53	5.99	30.79	
STIR		#3@20	#3@20	#3@20		#3@20	#3@20	#3@20	
STIR.req		0.0626	0.0000	0.0628		0.0628	0.0000	0.0628	
WEB		S#4				S#4			
WEB.req		0.00				0.00			
LEVEL		0.00				0.00	0.00		
BM.H.LR	0								180
C-CLEN	0	850				850			850
UCOL.W	80				80				80
DCOL.W	0				0				0
DCOL.H	0				0				0

F.NO=-30-1 R1F

		R1FB3(50* 70)				*R1FB4*(50* 70)			
TOP.req		23.96	12.41	25.03		22.17	0.79	23.18	
TOP1	#8	5	3	5	#8	5	3	5	
TOP2	#8	0	0	0	#8	0	0	0	
BOT2	#8	0	0	0	#8	0	0	0	
BOT1	#8	3	3	3	#8	3	3	3	
BOT.req		11.55	10.55	12.07		10.72	10.55	11.19	
STIR		#4@10	#4@20	#4@10		#4@10	#4@18	#4@10	
STIR.req		0.2130	0.0574	0.2130		0.2376	0.1350	0.1881	
WEB		G#3				G#3			
WEB.req		0.00				0.00			
LEVEL		0.00				0.00	0.00		
BM.H.LR	70								0
C-CLEN	850	850				1130			0
UCOL.W	0				0				80
DCOL.W	80				80				80
DCOL.H	0				0				0

F.NO=-30-1 4F

		4FB3(50* 70)				*4FB4*(50* 70)			
TOP.req		35.27	11.78	36.87		29.48	12.70	30.64	
TOP1	#8	7	3	6	#8	6	3	7	
TOP2	#8	0	0	2	#8	2	0	0	
BOT2	#8	0	0	0	#8	0	0	0	
BOT1	#8	4	3	4	#8	4	3	4	
BOT.req		20.00	13.47	19.52		14.08	10.55	14.60	
STIR		#5@12	#5@20	#5@12		#5@10	#5@15	#5@10	
STIR.req		0.3955	0.1314	0.3955		0.3598	0.2245	0.2214	
WEB		G#3				G#3			
WEB.req		0.00				0.00			
LEVEL		0.00				0.00	0.00		
BM.H.LR	70								0
C-CLEN	850	850				1130			0
UCOL.W	80				80				80
DCOL.W	80				80				80
DCOL.H	0				0				0

F.NO=-30-1 3F

		3FB3(50* 70)				*3FB4*(50* 70)			
TOP.req		44.45	15.47	45.63		35.16	10.55	37.54	
TOP1	#8	7	4	7	#8	7	3	6	
TOP2	#8	2	0	3	#8	3	0	2	
BOT2	#8	0	0	0	#8	0	0	0	
BOT1	#8	6	4	6	#8	6	3	4	
BOT.req		27.86	17.18	27.68		16.62	12.88	17.67	
STIR		#5@10	#5@20	#5@10		#5@10	#5@15	#5@10	
STIR.req		0.3477	0.1730	0.3477		0.3951	0.2595	0.2397	
WEB		G#3				G#3			
WEB.req		0.00				0.00			
LEVEL		0.00				0.00	0.00		
BM.H.LR	70								0
C-CLEN	850	850				1130			0
UCOL.W	80				80				80
DCOL.W	80				80				80
DCOL.H	0				0				0

F.NO=-30-1 2F

		2FB3(50* 70)				*2FB4*(50* 70)			
TOP.req		44.50	15.49	45.46		36.27	10.55	38.54	
TOP1	#8	7	4	7	#8	7	3	6	
TOP2	#8	2	0	2	#8	2	0	2	
BOT2	#8	0	0	0	#8	0	0	0	
BOT1	#8	6	4	6	#8	6	3	4	
BOT.req		27.33	17.10	27.56		16.07	12.86	18.11	

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BOT1          #8        4        3        3
BOT.req                14.23    10.55    14.23

STIR                 #4@10    #4@20    #4@10
STIR.req              0.2448   0.0844   0.2445
WEB                      0#3
WEB.req               0.00
LEVEL                 0.00     0.00
BW.H.LR       70                                  0
C-CLEN       850       850                        0
UCOL.W        80                                 80
DCOL.W        80                                 80
DCOL.H         0                                  0


F.NO=-30-5 3F                    "3FB23"( 50* 70)
TOP.req               37.94    12.39    40.07
TOP1          #8       6        3        6
TOP2          #8       2        0        2

BOT2          #8       0        0        0
BOT1          #8       5        4        5
BOT.req               22.68    15.85    25.26

STIR                 #5@12    #5@20    #5@12
STIR.req              0.3152   0.1667   0.3116
WEB                      0#3
WEB.req               0.00
LEVEL                 0.00     0.00
BW.H.LR       70                                  0
C-CLEN       850       850                        0
UCOL.W        80                                 80
DCOL.W        80                                 80
DCOL.H         0                                  0


F.NO=-30-5 2F                    "2FB23"( 50* 70)
TOP.req               34.01    11.45    31.04
TOP1          #8       7        3        7
TOP2          #8       0        0        0

BOT2          #8       0        0        0
BOT1          #8       5        3        4
BOT.req               19.79    12.83    18.17

STIR                 #5@12    #5@20    #5@12
STIR.req              0.2733   0.1124   0.2733
WEB                      0#3
WEB.req               0.00
LEVEL                 0.00     0.00
BW.H.LR       70                                  0
C-CLEN       850       850                        0
UCOL.W        80                                 80
DCOL.W        80                                 80
DCOL.H         0                                  0


F.NO=-30-5 1F                    "1FB23"( 50* 70)
TOP.req               12.91     3.34    10.19
TOP1          #8       3        3        3
TOP2          #8       0        0        0

BOT2          #8       0        0        0
BOT1          #8       3        3        3
BOT.req                6.39     8.75     6.72

STIR                 #3@15    #3@20    #3@15
STIR.req              0.0931   0.0000   0.0931
WEB                      0#3
WEB.req               0.00
LEVEL                 0.00     0.00
BW.H.LR       70                                  0
C-CLEN       850       850                        0
UCOL.W        80                                 80
DCOL.W        80                                 80
DCOL.H         0                                  0


F.NO=-30-5 B1F                  "B1FFB23"( 50*180)
TOP.req                1.94    11.82     2.64
TOP1          #8       3        3        3
TOP2          #8       0        0        0

BOT2          #8       0        0        0
BOT1          #8       6        3        5
BOT.req               25.04     1.32    25.08

STIR                 #3@20    #3@20    #3@20
STIR.req              0.0628   0.0000   0.0628
WEB                      5#4
WEB.req               0.00
LEVEL                 0.00     0.00
BW.H.LR      180                                  0
C-CLEN       850       850                        0
UCOL.W        80                                 80
DCOL.W         0                                  0
DCOL.H         0                                  0


F.NO=-7-1 PF                    "PFCB15"( 40* 60)                    "PFB15"( 40* 60)
TOP.req               3.11     8.75     7.16          22.78     7.03    22.12
TOP1          #8       5        5        5       #8       5        3        5
TOP2          #8       0        0        0       #8       0        0        0

BOT2          #8       0        0        0       #8       0        0        0
BOT1          #8       3        3        3       #8       3        3        3
BOT.req               3.11     3.11     5.27          10.80    10.13    10.50

STIR                 #3@10    #3@10    #3@10          #4@12    #4@20    #4@12
STIR.req              0.1025   0.1090   0.1050         0.1605   0.0532   0.1568
WEB                      0#3                             G#3
WEB.req               0.00                            0.00
LEVEL                 0.00                            0.00     0.00
BW.H.LR       0                                                                 0
C-CLEN        0       240                              960                      0
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UCOL.W        0                                  0                        0
DCOL.W      -30                                 80                       80
DCOL.H      -60                                  0                        0


F.NO=-7-1 R1F                    "R1FB14"( 50* 70)                    "R1FB15"( 50* 70)                    "R1FB16"( 50* 70)
TOP.req               12.33    10.55    27.52          32.57    10.55    40.20          25.24    12.08    22.05
TOP1          #8       3        3        7       #8       7        3        6       #8       6        3        5
TOP2          #8       0        0        0       #8       0        0        2       #8       2        0        0

BOT2          #8       0        0        0       #8       0        0        0       #8       0        0        0
BOT1          #8       3        3        4       #8       4        4        4       #8       4        3        3
BOT.req               10.55    10.55    14.09          15.47    18.05    18.83          12.14    10.55    10.87

STIR                 #5@12    #5@20    #5@12          #5@12    #5@20    #5@12          #4@12    #4@20    #4@12
STIR.req              0.2353   0.0819   0.2892         0.2647   0.1423   0.2807         0.2101   0.0575   0.2101
WEB                      0#3                             0#3                             0#3
WEB.req               0.00                            0.00                            0.00
LEVEL                 0.00                            0.00                            0.00     0.00
BW.H.LR       0                                                                                                  70
C-CLEN        0       653                              950                              850                      850
UCOL.W        0                                 80                       80                                      0
DCOL.W      -50                                 80                       80                                     80
DCOL.H      -70                                  0                        0


F.NO=-7-1 4F                    "4FB14"( 50* 70)                    "4FB15"( 50* 70)                    "4FB16"( 50* 70)
TOP.req               10.55    16.72    35.60          44.28    10.71    48.00          34.42    10.75    31.68
TOP1          #8       3        4        7       #8       7        4        7       #8       7        3        7
TOP2          #8       0        0        2       #8       2        0        3       #8       3        0        0

BOT2          #8       0        0        0       #8       0        0        0       #8       0        0        0
BOT1          #8       3        3        5       #8       5        5        5       #8       5        3        4
BOT.req               12.57    14.85    18.85          20.58    20.48    22.15          17.15    12.64    18.32

STIR                 #5@12    #5@20    #5@12          #5@12    #5@20    #5@12          #5@12    #5@20    #5@12
STIR.req              0.2694   0.1181   0.2798         0.3270   0.1712   0.3109         0.2836   0.1182   0.2836
WEB                      0#3                             0#3                             0#3
WEB.req               0.00                            0.00                            0.00
LEVEL                 0.00                            0.00                            0.00     0.00
BW.H.LR       0                                                                                                  70
C-CLEN        0       653                              950                              850                      850
UCOL.W        0                                 80                       80                                     80
DCOL.W      -50                                 80                       80                                     80
DCOL.H      -70                                  0                        0                                      0


F.NO=-7-1 3F                    "3FB14"( 50* 70)                    "3FB15"( 50* 70)                    "3FB16"( 50* 70)
TOP.req               20.27    21.41    43.48          51.41    13.07    56.68          43.52    14.61    40.60
TOP1          #8       4        5        7       #8       7        4        7       #8       7        3        7
TOP2          #8       0        0        4       #8       4        0        5       #8       5        0        2

BOT2          #8       0        0        0       #8       0        0        0       #8       0        0        0
BOT1          #8       4        4        6       #8       6        4        6       #8       6        4        6
BOT.req               15.71    19.42    26.19          23.56    17.99    27.23          25.07    16.23    26.00

STIR                 #5@12    #5@20    #5@12          #5@10    #5@15    #5@10          #5@12    #5@20    #5@12
STIR.req              0.3175   0.1515   0.3120         0.3880   0.2409   0.3817         0.3273   0.1614   0.3273
WEB                      0#3                             0#3                             0#3
WEB.req               0.00                            0.00                            0.00
LEVEL                 0.00                            0.00                            0.00     0.00
BW.H.LR       0                                                                                                  70
C-CLEN        0       653                              950                              850                      850
UCOL.W        0                                 80                       80                                     80
DCOL.W      -50                                 80                       80                                     80
DCOL.H      -70                                  0                        0                                      0


F.NO=-7-1 2F                    "2FB14"( 50* 70)                    "2FB15"( 50* 70)                    "2FB16"( 50* 70)
TOP.req               12.48    20.95    42.88          52.23    11.96    54.60          41.27    13.71    39.48
TOP1          #8       3        5        7       #8       7        4        7       #8       7        3        6
TOP2          #8       0        0        4       #8       4        0        4       #8       4        0        2

BOT2          #8       0        0        0       #8       0        0        0       #8       0        0        0
BOT1          #8       3        4        6       #8       6        5        6       #8       6        4        5
BOT.req               15.19    18.08    23.75          23.90    20.94    24.85          23.71    15.42    24.25

STIR                 #5@12    #5@20    #5@12          #5@10    #5@18    #5@10          #5@12    #5@20    #5@12
STIR.req              0.3222   0.1502   0.3128         0.3653   0.2953   0.3581         0.3186   0.1522   0.3186
WEB                      0#3                             0#3                             0#3
WEB.req               0.00                            0.00                            0.00
LEVEL                 0.00                            0.00                            0.00     0.00
BW.H.LR       0                                                                                                  70
C-CLEN        0       653                              950                              850                      850
UCOL.W        0                                 80                       80                                     80
DCOL.W      -50                                 80                       80                                     80
DCOL.H      -70                                  0                        0                                      0


F.NO=-7-1 1F                    "1FB14"( 50* 70)                    "1FB15"( 50* 70)                    "1FB16"( 50* 70)
TOP.req                7.81    12.42    18.54          22.15    10.04    23.82          16.20     6.95    15.17
TOP1          #8       3        3        5       #8       5        3        5       #8       5        3        4
TOP2          #8       0        0        0       #8       0        0        0       #8       0        0        0

BOT2          #8       0        0        0       #8       0        0        0       #8       0        0        0
BOT1          #8       3        3        3       #8       3        3        3       #8       3        3        3
BOT.req               10.35    10.68    10.55          10.71    14.25    11.48          10.54    10.10    13.18

STIR                 #4@12    #4@20    #4@12          #4@12    #4@20    #4@12          #4@15    #4@20    #4@15
STIR.req              0.1928   0.0339   0.1857         0.1805   0.0434   0.1810         0.1803   0.0178   0.1803
WEB                      0#3                             0#3                             0#3
WEB.req               0.00                            0.00                            0.00
LEVEL                 0.00                            0.00                            0.00     0.00
BW.H.LR       0                                                                                                  70
C-CLEN        0       653                              950                              850                      850
UCOL.W        0                                 80                       80                                     80
DCOL.W      -50                                 80                       80                                     80
DCOL.H      -70                                  0                        0                                      0


F.NO=-7-1 B1F                  "B1FFB14"( 50*180)                  "B1FFB15"( 50*180)                  "B1FFB16"( 50*180)
TOP.req                7.03    18.46     6.11          5.20    37.83     9.46          2.07    22.37     6.07
TOP1          #8       4        4        5       #8       5        6        5       #8       5        5        3
TOP2          #8       0        0        0       #8       0        2        0       #8       0        0        0
```

BOT2	#8	0	0	2	#8	2	0	2	#8	2	0	0	
BOT1	#8	7	3	7	#8	7	3	7	#8	7	3	6	
BOT.req		30.69	8.16	35.04		40.72	2.25	43.92		34.85	5.01	28.87	
STIR		#4@12	#4@12	#4@12		#5@12	#5@12	#5@12		#4@12	#4@12	#4@12	
STIR.req		0.1489	0.0000	0.1819		0.2880	0.3201	0.3170		0.2090	0.0000	0.1773	
WEB		5#4				5#4				5#4			
WEB.req		0.00				0.00				0.00			
LEVEL		0.00				0.00				0.00	0.00		
BM.H.LR	0												180
C-CLEN	0	831				950				850			850
UCOL.W	87				80				85				80
DCOL.W	0				0				0				0
DCOL.H	0				0				0				0

F.NO=-7-1 R1F		"R1FB17"(50* 70)			"R1FB18"(50* 70)			"R1FB19"(50* 70)			
TOP.req		22.25	11.85	25.31	24.98	11.71	22.36	21.89	11.61	24.71	
TOP1	#8	5	3	5	#8 5	3	5	#8 5	3	6	
TOP2	#8	0	0	0	#8 0	0	0	#8 0	0	0	
BOT2	#8	0	0	0	#8 0	0	0	#8 0	0	0	
BOT1	#8	3	3	3	#8 3	3	3	#8 3	3	3	
BOT.req		10.75	10.55	12.17	12.02	10.55	10.81	10.59	10.55	11.99	
STIR		#4@12	#4@20	#4@12	#4@12	#4@20	#4@12	#4@12	#4@20	#4@12	
STIR.req		0.2106	0.0580	0.2108	0.2098	0.0572	0.2098	0.2084	0.0559	0.2084	
WEB		0#3			0#3			0#3			
WEB.req		0.00			0.00			0.00			
LEVEL		0.00			0.00			0.00	0.00		
BM.H.LR	70										70
C-CLEN	850	850			850			850			850
UCOL.W	0			0			0				0
DCOL.W	80			80			80				80
DCOL.H	0			0			0				0

F.NO=-7-1 4F		"4FB17"(50* 70)			"4FB18"(50* 70)			"4FB19"(50* 70)			
TOP.req		32.15	11.14	35.58	34.99	11.00	32.39	31.42	10.96	35.22	
TOP1	#8	7	3	6	#8 5	3	7	#8 7	3	7	
TOP2	#8	0	0	2	#8 2	0	0	#8 0	0	2	
BOT2	#8	0	0	0	#8 0	0	0	#8 0	0	0	
BOT1	#8	4	3	4	#8 4	3	4	#8 4	3	5	
BOT.req		19.31	13.32	17.68	17.68	13.04	18.97	18.73	13.00	17.24	
STIR		#5@12	#5@23	#5@12	#5@12	#5@20	#5@12	#5@12	#5@20	#5@12	
STIR.req		0.2892	0.1238	0.2892	0.2868	0.1214	0.2868	0.2867	0.1213	0.2867	
WEB		0#3			0#3			0#3			
WEB.req		0.00			0.00			0.00			
LEVEL		0.00			0.00			0.00	0.00		
BM.H.LR	70										70
C-CLEN	850	850			850			850			850
UCOL.W	80			80			80				80
DCOL.W	80			80			80				80
DCOL.H	0			0			0				0

F.NO=-7-1 3F		"3FB17"(50* 70)			"3FB18"(50* 70)			"3FB19"(50* 70)			
TOP.req		40.87	14.70	44.01	43.46	14.57	41.14	40.17	14.43	43.39	
TOP1	#8	7	3	7	#8 7	3	7	#8 7	3	7	
TOP2	#8	2	0	2	#8 2	0	2	#8 2	0	3	
BOT2	#8	0	0	0	#8 0	0	0	#8 0	0	0	
BOT1	#8	6	4	6	#8 6	4	6	#8 6	4	5	
BOT.req		26.75	16.82	25.39	25.41	15.61	26.51	26.08	15.48	24.79	
STIR		#5@12	#5@20	#5@12	#5@12	#5@20	#5@12	#5@12	#5@20	#5@12	
STIR.req		0.3304	0.1644	0.3304	0.3285	0.1626	0.3285	0.3272	0.1613	0.3272	
WEB		0#3			0#3			0#3			
WEB.req		0.00			0.00			0.00			
LEVEL		0.00			0.00			0.00	0.00		
BM.H.LR	70										70
C-CLEN	850	850			850			850			850
UCOL.W	80			80			80				80
DCOL.W	80			80			80				80
DCOL.H	0			0			0				0

F.NO=-7-1 2F		"2FB17"(50* 70)			"2FB18"(50* 70)			"2FB19"(50* 70)			
TOP.req		39.74	13.86	41.86	41.37	13.74	39.97	39.19	13.71	41.40	
TOP1	#8	6	3	7	#8 7	3	6	#8 6	3	7	
TOP2	#8	2	0	2	#8 2	0	2	#8 2	0	3	
BOT2	#8	0	0	0	#8 0	0	0	#8 0	0	0	
BOT1	#8	5	4	5	#8 5	4	5	#8 5	4	5	
BOT.req		24.93	15.90	23.99	24.02	15.68	24.66	24.43	15.61	23.67	
STIR		#5@12	#5@20	#5@12	#5@12	#5@20	#5@12	#5@12	#5@20	#5@12	
STIR.req		0.3217	0.1553	0.3217	0.3199	0.1535	0.3199	0.3183	0.1529	0.3183	
WEB		0#3			0#3			0#3			
WEB.req		0.00			0.00			0.00			
LEVEL		0.00			0.00			0.00	0.00		
BM.H.LR	70										70
C-CLEN	850	850			850			850			850
UCOL.W	80			80			80				80
DCOL.W	80			80			80				80
DCOL.H	0			0			0				0

F.NO=-7-1 1F		"1FB17"(50* 70)			"1FB18"(50* 70)			"1FB19"(50* 70)			
TOP.req		15.50	7.02	16.38	16.22	6.99	15.63	15.15	6.99	16.24	
TOP1	#8	4	3	4	#8 4	3	4	#8 4	3	5	
TOP2	#8	0	0	0	#8 0	0	0	#8 0	0	0	
BOT2	#8	0	0	0	#8 0	0	0	#8 0	0	0	
BOT1	#8	3	3	3	#8 3	3	3	#8 3	3	3	
BOT.req		13.47	10.21	10.55	10.55	10.20	10.18	13.17	10.18	10.55	
STIR		#4@15	#4@20	#4@15	#4@15	#4@20	#4@15	#4@15	#4@20	#4@15	
STIR.req		0.1815	0.0188	0.1815	0.1813	0.0188	0.1813	0.1804	0.0177	0.1804	
WEB		0#3			0#3			0#3			
WEB.req		0.00			0.00			0.00			
LEVEL		0.00			0.00			0.00	0.00		
BM.H.LR	70										70

C-CLEN	850	850				850				850			850
UCOL.W	80				80				80				80
DCOL.W	80				80				80				80
DCOL.H	0				0				0				0

F.NO=-7-1 B1F		"B1FFB17"(50*180)			"B1FFB18"(50*180)			"B1FFB19"(50*180)			
TOP.req		7.43	24.97	4.98	5.04	24.75	6.84	8.60	23.84	3.70	
TOP1	#8	3	5	4	#8 4	5	4	#8 4	5	4	
TOP2	#8	0	0	0	#8 0	0	0	#8 0	0	0	
BOT2	#8	0	0	0	#8 0	0	0	#8 0	0	2	
BOT1	#8	6	3	7	#8 7	3	7	#8 7	3	6	
BOT.req		30.28	3.79	32.70	31.99	3.54	30.86	29.69	4.81	33.84	
STIR		#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	
STIR.req		0.1871	0.0000	0.2016	0.1982	0.0000	0.1900	0.1830	0.0000	0.2048	
WEB		5#4			5#4			5#4			
WEB.req		0.00			0.00			0.00			
LEVEL		0.00			0.00			0.00	0.00		
BM.H.LR	180										180
C-CLEN	850	850			850			850			850
UCOL.W	80			80			80				80
DCOL.W	0			0			0				0
DCOL.H	0			0			0				0

F.NO=-7-1 R1F		"R1FB20"(50* 70)			"R1FCB20"(50* 70)			
TOP.req		27.37	11.44	19.99	4.28	4.28	0.32	
TOP1	#8	6	3	4	#8 4	4	4	
TOP2	#8	0	0	0	#8 0	0	0	
BOT2	#8	0	0	0	#8 0	0	0	
BOT1	#8	3	3	3	#8 3	3	3	
BOT.req		13.12	10.55	10.55	2.14	2.14	0.87	
STIR		#4@10	#4@20	#4@10	#4@12	#4@12	#4@12	
STIR.req		0.2257	0.0911	0.2031	0.1426	0.0316	0.1416	
WEB		0#3			0#3			
WEB.req		0.00			0.00			
LEVEL		0.00			0.00	0.00		
BM.H.LR	70							0
C-CLEN	850	850			110			0
UCOL.W	0			0				0
DCOL.W	80			80				-25
DCOL.H	0			0				-70

F.NO=-7-1 4F		"4FB20"(50* 70)			"4FCB20"(50* 70)			
TOP.req		45.43	10.63	39.73	10.55	9.56	0.38	
TOP1	#8	7	3	6	#8 6	6	6	
TOP2	#8	2	0	2	#8 2	2	2	
BOT2	#8	0	0	0	#8 0	0	0	
BOT1	#8	5	3	4	#8 4	4	4	
BOT.req		21.07	15.07	18.63	7.89	3.92	1.00	
STIR		#5@10	#5@20	#5@10	#4@12	#4@12	#4@12	
STIR.req		0.3500	0.1639	0.3184	0.2073	0.0938	0.2940	
WEB		0#3			0#3			
WEB.req		0.00			0.00			
LEVEL		0.00			0.00	0.00		
BM.H.LR	70							0
C-CLEN	850	850			190			0
UCOL.W	80			80				0
DCOL.W	80			80				-30
DCOL.H	0			0				-70

F.NO=-7-1 3F		"3FB20"(50* 70)			"3FCB20"(50* 70)			
TOP.req		50.67	14.50	48.23	10.55	9.84	3.48	
TOP1	#8	7	4	7	#8 7	7	7	
TOP2	#8	3	0	3	#8 3	3	3	
BOT2	#8	0	0	0	#8 0	0	0	
BOT1	#8	5	4	6	#8 6	6	6	
BOT.req		23.78	17.83	25.64	6.99	3.48	3.48	
STIR		2#4@12	2#4@20	2#4@12	#4@12	#4@12	#4@12	
STIR.req		0.4016	0.2219	0.4016	0.1486	0.0255	0.1483	
WEB		0#3			0#3			
WEB.req		0.00			0.00			
LEVEL		0.00			0.00	0.00		
BM.H.LR	70							0
C-CLEN	850	850			240			0
UCOL.W	80			80				0
DCOL.W	80			80				-30
DCOL.H	0			0				-70

F.NO=-7-1 2F		"2FB20"(50* 70)			"2FCB20"(50* 70)			
TOP.req		48.86	14.78	48.80	10.55	8.57	0.84	
TOP1	#8	7	4	7	#8 7	7	7	
TOP2	#8	3	0	3	#8 3	3	3	
BOT2	#8	0	0	0	#8 0	0	0	
BOT1	#8	5	4	5	#8 5	5	5	
BOT.req		22.51	17.65	22.64	7.20	3.58	1.54	
STIR		#5@10	#5@15	#5@10	#4@12	#4@12	#4@12	
STIR.req		0.3742	0.2239	0.3703	0.2051	0.0898	0.2030	
WEB		0#3			0#3			
WEB.req		0.00			0.00			
LEVEL		0.00			0.00	0.00		
BM.H.LR	70							0
C-CLEN	850	850			190			0
UCOL.W	80			80				0
DCOL.W	80			80				-30
DCOL.H	0			0				-70

F.NO=-7-1 1F		"1FB20"(50* 70)		
TOP.req		21.57	9.14	17.93
TOP1	#8	5	3	4
TOP2	#8	0	0	0

| | | |

TOP2	#8	2	0	2	#8	2	0	2	#8	2	0	4
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0
BOT1	#8	6	4	6	#8	6	4	6	#8	6	4	6
BOT.req		27.31	17.25	26.11		25.38	17.11	27.26		28.49	17.61	27.98
STIR		#5@10	#5@20	#5@10		#5@10	#5@20	#5@10		#5@10	#5@20	#5@10
STIR.req		0.3474	0.1724	0.3474		0.3466	0.1716	0.3466		0.3557	0.1807	0.3557
WEB		@#3				@#3				@#3		
WEB.req		0.00				0.00				0.00		
LEVEL		0.00				0.00				0.00	0.00	
BM.H.LR	70											70
C-CLEN	850	850				850				850		850
UCOL.W	80				80				80			80
DCOL.W	80				80				80			80
DCOL.H	0				0				0			0

F.NO=XX-1 2F			'2FB7"(50* 70)				'2FB8"(50* 70)				'2FB9"(50* 70)	
TOP.req		43.39	15.02	45.32		45.00	14.98	43.81		44.77	16.03	47.23
TOP1	#8	7	3	7	#8	7	3	7	#8	7	4	7
TOP2	#8	2	0	2	#8	2	0	2	#8	2	0	3
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0
BOT1	#8	6	4	6	#8	6	4	6	#8	6	4	6
BOT.req		27.14	17.10	26.49		26.86	16.96	27.06		28.21	17.65	28.48
STIR		#5@10	#5@20	#5@10		#5@10	#5@20	#5@10		#5@10	#5@20	#5@10
STIR.req		0.3477	0.1720	0.3477		0.3467	0.1711	0.3467		0.3545	0.1790	0.3546
WEB		@#3				@#3				@#3		
WEB.req		0.00				0.00				0.00		
LEVEL		0.00				0.00				0.00	0.00	
BM.H.LR	70											70
C-CLEN	850	850				850				850		850
UCOL.W	80				80				80			80
DCOL.W	80				80				80			80
DCOL.H	0				0				0			0

F.NO=XX-1 1F			'1FB7"(50* 70)				'1FB8"(50* 70)				'1FB9"(50* 70)	
TOP.req		12.47	3.20	13.01		12.92	3.18	12.49		13.17	3.52	10.55
TOP1	#8	3	3	3	#8	3	3	3	#8	3	3	3
TOP2	#8	0	0	0	#8	0	0	0	#8	0	0	0
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0
BOT1	#8	3	3	3	#8	3	3	3	#8	3	3	3
BOT.req		6.17	5.70	6.44		6.38	5.69	6.16		6.51	5.63	7.09
STIR		#3@15	#3@20	#3@15		#3@15	#3@20	#3@15		#3@12	#3@20	#3@12
STIR.req		0.0891	0.0000	0.0891		0.0889	0.0000	0.0889		0.0970	0.0000	0.0970
WEB		@#3				@#3				@#3		
WEB.req		0.00				0.00				0.00		
LEVEL		0.00				0.00				0.00	0.00	
BM.H.LR	70											70
C-CLEN	850	850				850				850		850
UCOL.W	80				80				80			80
DCOL.W	80				80				80			80
DCOL.H	0				0				0			0

F.NO=XX-1 B1F			'B1FFB7"(50*180)				'B1FFB8"(50*180)				'B1FFB9"(50*180)	
TOP.req		6.79	11.25	7.48		7.87	11.14	8.55		8.92	11.20	6.89
TOP1	#8	4	3	4	#8	4	3	4	#8	4	3	4
TOP2	#8	0	0	0	#8	0	0	0	#8	0	0	0
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0
BOT1	#8	7	3	7	#8	7	3	7	#8	7	3	7
BOT.req		30.91	6.02	32.77		31.88	6.26	32.21		30.82	6.46	34.00
STIR		#3@20	#3@20	#3@20		#3@20	#3@20	#3@20		#3@20	#3@20	#3@20
STIR.req		0.0628	0.0000	0.0628		0.0628	0.0000	0.0628		0.0628	0.0000	0.0628
WEB		5@4				5@4				5@4		
WEB.req		0.00				0.00				0.00		
LEVEL		0.00				0.00				0.00	0.00	
BM.H.LR	180											180
C-CLEN	850	850				850				850		850
UCOL.W	80				80				80			80
DCOL.W	0				0				0			0
DCOL.H	0				0				0			0

F.NO=XX-1 4F			'4FB10"(50* 70)				'4FCB10"(50* 70)		
TOP.req		41.45	11.16	38.08		10.25	6.04	8.28	
TOP1	#8	7	3	6	#8	6	6	6	
TOP2	#8	2	0	2	#8	2	2	2	
BOT2	#8	0	0	0	#8	0	0	0	
BOT1	#8	5	3	4	#8	4	4	4	
BOT.req		18.37	13.78	17.90		5.08	2.53	0.14	
STIR		#5@10	#5@20	#5@10		#4@12	#4@12	#4@12	
STIR.req		0.3378	0.1628	0.3378		0.1510	0.0296	0.1493	
WEB		@#3				@#3			
WEB.req		0.00				0.00			
LEVEL		0.00				0.00	0.00		
BM.H.LR	70								0
C-CLEN	850	850				190			0
UCOL.W	80				0				0
DCOL.W	80				80				-30
DCOL.H	0				0				-70

F.NO=XX-1 3F			'3FB10"(50* 70)		
TOP.req		53.04	15.50	48.69	
TOP1	#8	7	4	7	
TOP2	#8	4	0	3	
BOT2	#8	0	0	0	
BOT1	#8	6	4	6	
BOT.req		25.51	16.45	26.65	
STIR		2#4@12	2#4@20	2#4@12	
STIR.req		0.4110	0.2286	0.4110	
WEB		@#3			
WEB.req		0.00			

LEVEL		0.00	0.00		
BM.H.LR	70				0
C-CLEN	850	850			0
UCOL.W	80			80	
DCOL.W	80			80	
DCOL.H	0			0	

F.NO=XX-1 2F			'2FB10"(50* 70)				'2FCB10"(50* 70)		
TOP.req		47.41	15.87	45.18		9.88	5.92	8.20	
TOP1	#8	7	4	7	#8	7	7	7	
TOP2	#8	3	0	2	#8	2	2	2	
BOT2	#8	0	0	0	#8	0	0	0	
BOT1	#8	6	4	6	#8	6	6	6	
BOT.req		28.55	17.04	28.16		4.89	2.39	0.33	
STIR		#5@10	#5@20	#5@10		#3@10	#3@10	#3@10	
STIR.req		0.3417	0.1692	0.3418		0.1348	0.0214	0.1331	
WEB		@#3				@#3			
WEB.req		0.00				0.00			
LEVEL		0.00				0.00	0.00		
BM.H.LR	70								0
C-CLEN	850	850				190			0
UCOL.W	80				80				0
DCOL.W	80				80				-30
DCOL.H	0				0				-70

F.NO=XX-1 1F			'1FB10"(50* 70)		
TOP.req		8.02	2.81	5.41	
TOP1	#8	3	3	3	
TOP2	#8	0	0	0	
BOT2	#8	0	0	0	
BOT1	#8	3	3	3	
BOT.req		3.98	4.17	4.69	
STIR		#3@15	#3@20	#3@15	
STIR.req		0.0628	0.0000	0.0628	
WEB		@#3			
WEB.req		0.00			
LEVEL		0.00	0.00		
BM.H.LR	70				0
C-CLEN	850	850			0
UCOL.W	80			80	
DCOL.W	80			80	
DCOL.H	0			0	

F.NO=XX-1 B1F			'B1FFB10"(50*180)		
TOP.req		4.46	14.64	12.27	
TOP1	#8	4	3	3	
TOP2	#8	0	0	0	
BOT2	#8	0	0	0	
BOT1	#8	7	3	3	
BOT.req		29.41	3.41	14.73	
STIR		#3@20	#3@20	#3@20	
STIR.req		0.0628	0.0000	0.0628	
WEB		5@4			
WEB.req		0.00			
LEVEL		0.00	0.00		
BM.H.LR	180				0
C-CLEN	850	850			0
UCOL.W	80			80	
DCOL.W	0			0	
DCOL.H	0			0	

F.NO=XX-9 R1F			'R1FCB26"(50* 70)				'R1FB26"(50* 70)		
TOP.req		5.50	10.55	12.73		20.51	10.51	17.80	
TOP1	#8	5	5	5	#8	5	3	4	
TOP2	#8	0	0	0	#8	0	0	0	
BOT2	#8	0	0	0	#8	0	0	0	
BOT1	#8	3	3	3	#8	3	3	3	
BOT.req		5.50	5.50	11.14		10.55	12.00	10.55	
STIR		#4@12	#4@12	#4@12		#4@12	#4@20	#4@12	
STIR.req		0.1870	0.0838	0.1899		0.1857	0.0373	0.1857	
WEB		@#3				@#3			
WEB.req		0.00				0.00			
LEVEL		0.00				0.00	0.00		
BM.H.LR	0								70
C-CLEN	0	249				850			850
UCOL.W	0				0				0
DCOL.W	-30				80				80
DCOL.H	-70				0				0

F.NO=XX-9 4F			'4FB24"(50* 70)				'4FCB24"(50* 70)		
TOP.req		25.87	13.51	26.07		6.35	6.35	0.02	
TOP1	#8	6	3	6	#8	6	6	6	
TOP2	#8	0	0	0	#8	0	0	0	
BOT2	#8	0	0	0	#8	0	0	0	
BOT1	#8	5	4	4	#8	4	4	4	
BOT.req		24.86	15.53	19.31		3.16	3.16	0.48	
STIR		#5@12	#5@20	#5@12		#4@10	#4@10	#4@10	
STIR.req		0.3277	0.1787	0.3249		0.2150	0.1047	0.2142	
WEB		@#3				@#3			
WEB.req		0.00				0.00			
LEVEL		0.00				0.00	0.00		
BM.H.LR	0								0
C-CLEN	0	525				100			0
UCOL.W	80				0				0
DCOL.W	80				80				-25
DCOL.H	0				0				-70

F.NO=XX-9 4F			'4FB26"(50* 70)
TOP.req		30.32	10.55	30.64

```
TOP1          #8        6        3        7
TOP2          #8        0        0        0

BOT2          #8        0        0        0
BOT1          #8        4        3        4
BOT.req                17.45    12.05    16.23

STIR                  #5@12    #5@20    #5@12
STIR.req               0.2650   0.1022   0.2650
WEB                       0#3
WEB.req                0.00
LEVEL                  0.00     0.00
BW.H.LR       0                                      70
C-CLEN        0         850                          850
UCOL.W        80                                     80
DCOL.W        80                                     80
DCOL.H        0                                      0


F.NO=XX-9 3F                    "3FCB26"( 50* 70)                "3FB25"( 50* 70)
TOP.req                 6.69    11.17    15.56           50.18    15.11    46.12
TOP1          #8        7        7        7       #8       7        4        7
TOP2          #8        3        3        3       #8       3        0        3

BOT2          #8        0        0        0       #8       0        0        0
BOT1          #8        5        5        5       #8       5        4        5
BOT.req                 6.69     6.99    13.52            23.05    18.71    21.36

STIR                  #4@10    #4@10    #4@10           #5@10    #5@15    #5@10
STIR.req               0.2324   0.1066   0.2362          0.3783   0.2281   0.3515
WEB                       0#3                             0#3
WEB.req                0.00                            0.00
LEVEL                  0.00                            0.00     0.00
BW.H.LR       0                                                                70
C-CLEN        0         240                             850                    850
UCOL.W        0                                      80                        80
DCOL.W        -30                                    80                        80
DCOL.H        -70                                    0                         0


F.NO=XX-9 2F                    "2FB24"( 50* 70)                "2FCB24"( 50* 70)
TOP.req                42.85    23.88    48.25           10.80    10.80    1.22
TOP1          #8        7        5        7       #8       7        7        7
TOP2          #8        2        0        3       #8       3        3        3

BOT2          #8        2        0        2       #8       2        2        2
BOT1          #8        8        5        8       #8       6        6        6
BOT.req                39.40    22.42    40.51            5.35     5.35     1.24

STIR                 2#5@15   2#5@20   2#5@15          #5@10    #5@10    #5@10
STIR.req               0.4900   0.3494   0.4872          0.3715   0.2512   0.3707
WEB                       0#3                             0#3
WEB.req                0.00                            0.00
LEVEL                  0.00                            0.00     0.00
BW.H.LR       0                                                                0
C-CLEN        0         525                             100                    0
UCOL.W        80                                     80                        0
DCOL.W        80                                     80                        -25
DCOL.H        0                                      0                         -70


F.NO=XX-9 2F                    "2FB26"( 50* 70)
TOP.req                38.12    13.30    37.95
TOP1          #8        6        3        6
TOP2          #8        2        0        2

BOT2          #8        0        0        0
BOT1          #8        5        4        5
BOT.req                24.68    15.77    22.57

STIR                  #5@12    #5@20    #5@12
STIR.req               0.3057   0.1412   0.3057
WEB                       0#3
WEB.req                0.00
LEVEL                  0.00     0.00
BW.H.LR       0                                      70
C-CLEN        0         850                          850
UCOL.W        80                                     80
DCOL.W        80                                     80
DCOL.H        0                                      0


F.NO=XX-9 1F                    "1FB24"( 50* 70)                "1FB25"( 50* 70)                "1FB26"( 50* 70)
TOP.req                 7.66     3.24     8.95           10.55     4.03    10.55           13.52     3.33    12.53
TOP1          #8        3        3        3       #8       3        3        3       #8       3        3        3
TOP2          #8        0        0        0       #8       0        0        0       #8       0        0        0

BOT2          #8        0        0        0       #8       0        0        0       #8       0        0        0
BOT1          #8        3        3        3       #8       3        3        3       #8       3        3        3
BOT.req                 3.81     2.22     4.44             8.12    11.59     7.98             6.68     8.79     6.28

STIR                  #3@12    #3@20    #3@12           #3@15    #3@20    #3@15           #3@15    #3@20    #3@15
STIR.req               0.1040   0.0000   0.1014          0.0894   0.0000   0.0894          0.0936   0.0000   0.0936
WEB                       0#3                             0#3                             0#3
WEB.req                0.00                            0.00                            0.00
LEVEL                  0.00                            0.00                    0.00     0.00
BW.H.LR       0                                                                                                70
C-CLEN        0         525                             850                             850                    850
UCOL.W        80                                     80                                                       80
DCOL.W        80                                     80                                                       80
DCOL.H        0                                      0                                                        0


F.NO=XX-9 B1F                   "B1FFB24"( 50*180)              "B1FFB25"( 50*180)              "B1FFB26"( 50*180)
TOP.req                 0.00     1.70     2.38            9.31    18.37    5.71            1.76    10.99    2.36
TOP1          #8        3        3        3       #8       3        4        4       #8       4        3        3
TOP2          #8        0        0        0       #8       0        0        0       #8       0        0        0

BOT2          #8        0        0        0       #8       0        0        2       #8       2        0        0
BOT1          #8        5        3        6       #8       6        3        6       #8       6        3        6
BOT.req                25.08    14.02    14.10            28.49     0.08    35.71            28.19     2.09    27.07

STIR                  #3@10    #3@10    #3@10           #3@20    #3@20    #3@20           #3@20    #3@20    #3@20
STIR.req               0.1250   0.1250   0.1250          0.0628   0.0000   0.0628          0.0628   0.0000   0.0628
WEB                       5#4                             5#4                             5#4
```



```
WEB.req                0.00                            0.00                            0.00
LEVEL                  0.00                            0.00                    0.00     0.00
BW.H.LR       0                                                                                                180
C-CLEN        0         525                             950                             650                    850
UCOL.W        80                                     80                                                       80
DCOL.W        0                                      0                                                        0
DCOL.H        0                                      0                                                        0


F.NO=XX-9 R1F                   "R1FB27"( 50* 70)                "R1FB28"( 50* 70)                "R1FB29"( 50* 70)
TOP.req                18.83     9.32    19.02           18.89     9.35    18.94           17.86     8.73    18.82
TOP1          #8        4        3        4       #8       4        3        4       #8       4        3        4
TOP2          #8        0        0        0       #8       0        0        0       #8       0        0        0

BOT2          #8        0        0        0       #8       0        0        0       #8       0        0        0
BOT1          #8        3        3        3       #8       3        3        3       #8       3        3        3
BOT.req                10.55    11.62    10.55            10.55    12.00    10.55            10.55    11.68    10.55

STIR                  #4@12    #4@20    #4@12           #4@12    #4@20    #4@12           #4@12    #4@20    #4@12
STIR.req               0.1704   0.0272   0.1794          0.1704   0.0272   0.1794          0.1693   0.0281   0.1693
WEB                       0#3                             0#3                             0#3
WEB.req                0.00                            0.00                            0.00
LEVEL                  0.00                            0.00                    0.00     0.00
BW.H.LR       70                                                                                               70
C-CLEN        850       850                             850                             850                    850
UCOL.W        0                                      0                                                        0
DCOL.W        80                                     80                                                       80
DCOL.H        0                                      0                                                        0


F.NO=XX-9 4F                    "4FB27"( 50* 70)                "4FB28"( 50* 70)                "4FB29"( 50* 70)                "4FCB29"( 50* 70)
TOP.req                31.01    10.55    32.16           31.48    10.55    31.58           32.47    10.76    33.45           11.61    13.45    1.55
TOP1          #8        7        3        7       #8       7        3        7       #8       7        3        7       #8       7        7        7
TOP2          #8        0        0        0       #8       0        0        0       #8       0        0        0       #8       0        0        0

BOT2          #8        0        0        0       #8       0        0        0       #8       0        0        0       #8       0        0        0
BOT1          #8        4        3        4       #8       4        3        4       #8       4        3        4       #8       4        4        4
BOT.req                16.48    11.61    16.13            16.10    11.16    15.88            17.06    13.19    18.53            10.15     5.03     2.38

STIR                  #5@12    #5@20    #5@12           #5@12    #5@20    #5@12           #5@12    #5@20    #5@12           #4@10    #4@10    #4@10
STIR.req               0.2857   0.1128   0.2857          0.2699   0.1032   0.2699          0.2926   0.1197   0.2926          0.2326   0.1164   0.2295
WEB                       0#3                             0#3                             0#3                             0#3
WEB.req                0.00                            0.00                            0.00                            0.00
LEVEL                  0.00                            0.00                            0.00                    0.00    0.00
BW.H.LR       70                                                                                                                                       0
C-CLEN        850       850                             850                             850                    190                                     0
UCOL.W        80                                     80                                                       80                                      0
DCOL.W        80                                     80                                                       80                                      -30
DCOL.H        0                                      0                                                        0                                       -70


F.NO=XX-9 3F                    "3FB27"( 50* 70)                "3FB28"( 50* 70)                "3FB29"( 50* 70)
TOP.req                37.54    12.35    36.13           36.66    12.34    36.88           34.96    11.92    36.28
TOP1          #8        7        3        6       #8       6        3        6       #8       6        3        6
TOP2          #8        3        0        2       #8       2        0        2       #8       2        0        2

BOT2          #8        0        0        0       #8       0        0        0       #8       0        0        0
BOT1          #8        5        3        5       #8       5        3        5       #8       5        3        5
BOT.req                21.68    13.89    22.11            22.23    14.02    22.34            21.52    13.91    20.44

STIR                  #5@12    #5@20    #5@12           #5@12    #5@20    #5@12           #5@12    #5@20    #5@12
STIR.req               0.2869   0.1328   0.2869          0.2857   0.1315   0.2857          0.2923   0.1281   0.2923
WEB                       0#3                             0#3                             0#3
WEB.req                0.00                            0.00                            0.00
LEVEL                  0.00                            0.00                    0.00    0.00
BW.H.LR       70                                                                                               70
C-CLEN        850       850                             850                             850                    850
UCOL.W        80                                     80                                                       80
DCOL.W        80                                     80                                                       80
DCOL.H        0                                      0                                                        0


F.NO=XX-9 2F                    "2FB27"( 50* 70)                "2FB28"( 50* 70)                "2FB29"( 50* 70)                "2FCB29"( 50* 70)
TOP.req                35.89    12.17    37.91           37.78    12.08    37.92           37.59    13.44    38.49           17.56    12.05    3.87
TOP1          #8        6        3        6       #8       6        3        6       #8       6        3        6       #8       6        6        6
TOP2          #8        2        0        2       #8       2        0        2       #8       2        0        2       #8       2        2        2

BOT2          #8        0        0        0       #8       0        0        0       #8       0        0        0       #8       0        0        0
BOT1          #8        5        3        5       #8       5        3        5       #8       5        4        5       #8       5        5        5
BOT.req                21.93    13.91    21.73            21.79    14.12    21.53            22.76    15.45    24.19            10.55     9.30     3.75

STIR                  #5@12    #5@20    #5@12           #5@12    #5@20    #5@12           #5@12    #5@20    #5@12           2#5@12   2#5@12   2#5@12
STIR.req               0.2860   0.1315   0.2860          0.3165   0.1428   0.3165          0.3036   0.1391   0.3036          0.4819   0.2879   0.3998
WEB                       0#3                             0#3                             0#3                             0#3
WEB.req                0.00                            0.00                            0.00                            0.00
LEVEL                  0.00                            0.00                            0.00                    0.00    0.00
BW.H.LR       70                                                                                                                                       0
C-CLEN        850       850                             850                             850                    164                                     0
UCOL.W        80                                     80                                                       80                                      0
DCOL.W        80                                     80                                                       80                                      -40
DCOL.H        0                                      0                                                        0                                       -70


F.NO=XX-9 1F                    "1FB27"( 50* 70)                "1FB28"( 50* 70)                "1FB29"( 50* 70)
TOP.req                13.15     3.26    13.39           13.24     3.26    13.21           12.72     3.33    13.55
TOP1          #8        3        3        3       #8       3        3        3       #8       3        3        3
TOP2          #8        0        0        0       #8       0        0        0       #8       0        0        0

BOT2          #8        0        0        0       #8       0        0        0       #8       0        0        0
BOT1          #8        3        3        3       #8       3        3        3       #8       3        3        3
BOT.req                 6.51     8.90     6.59             6.55     8.90     6.54             6.30     8.78     6.70

STIR                  #3@15    #3@20    #3@15           #3@15    #3@20    #3@15           #3@15    #3@20    #3@15
STIR.req               0.0932   0.0000   0.0932          0.0831   0.0000   0.0831          0.0932   0.0000   0.0932
WEB                       0#3                             0#3                             0#3
WEB.req                0.00                            0.00                            0.00
LEVEL                  0.00                            0.00                    0.00    0.00
BW.H.LR       70                                                                                               70
C-CLEN        850       850                             850                             850                    850
UCOL.W        80                                     80                                                       80
DCOL.W        80                                     80                                                       80
DCOL.H        0                                      0                                                        0


F.NO=XX-9 B1F                   "B1FFB27"( 50*180)              "B1FFB28"( 50*180)              "B1FFB29"( 50*180)
```

TOP.req			3.06	12.14	2.84			2.89	12.12	3.95			2.45	11.32	1.99				
TOP1	#8		3	3	3	#8		3	3	3	#8		3	3	3				
TOP2	#8		0	0	0	#8		0	0	0	#8		0	0	0				
BOT2	#8		0	0	0	#8		0	0	0	#8		0	0	0				
BOT1	#8		6	3	0	#8		6	3	6	#8		6	3	6				
BOT.req			26.82	1.82	27.51			27.29	1.74	27.10			26.44	2.42	28.59				
STIR			#3@20	#3@20	#3@23			#3@20	#3@20	#3@20			#3@20	#3@20	#3@20				
STIR.req			0.0628	0.0990	0.0628			0.0628	0.0000	0.0628			0.0628	0.0000	0.0628				
WEB			5#4					5#4					5#4						
WEB.req			0.00					0.00					0.00						
LEVEL			0.00					0.00					0.00	0.00					
BM.H.LR	180																		180
C-CLEN	850		850					850					850						850
UCOL.W	80						80					80							80
DCOL.W	0						0					0							0
DCOL.H	0						0					0							0

F.NO=XX-9 R1F			"R1FB30"(50* 70)					"R1FCB30"(50* 70)											
TOP.req			17.70	7.82	15.85			4.32	4.32	9.20									
TOP1	#6		4	3	4	#8		4	4	4									
TOP2	#3		0	0	0	#8		0	0	0									
BOT2	#8		0	0	0	#8		0	0	0									
BOT1	#8		3	3	3	#8		3	3	3									
BOT.req			10.55	10.55	10.55			2.15	2.15	0.56									
STIR			#4@15	#4@20	#4@15			#3@10	#3@10	#3@10									
STIR.req			0.1667	0.0235	0.1667			0.1353	0.0243	0.1342									
WEB			0#3					0#3											
WEB.req			0.00					0.00											
LEVEL			0.00					0.00	0.00										
BM.H.LR	70											0							
C-CLEN	850		850					110				0							
UCOL.W	0						0					0							
DCOL.W	80						80					-25							
DCOL.H	0						0					-70							

F.NO=60-3 R1F			"R1FG1"(50* 70)					"R1FG2"(50* 70)					"R1FCG2"(50* 70)						
TOP.req			2.74	1.40	4.04			35.12	12.00	30.30			9.59	2.59	3.64				
TOP1	#8		3	3	6	#8		6	3	6	#8		6	3	6				
TOP2	#8		6	0	2	#8		2	0	0	#8		0	0	0				
BOT2	#8		0	0	0	#8		0	0	0	#8		0	0	0				
BOT1	#8		3	3	4	#8		4	3	4	#8		4	4	4				
BOT.req			4.13	2.40	2.01			17.34	11.58	17.81			4.76	4.76	1.81				
STIR			#3@15	#3@20	#3@15			#5@10	#5@15	#5@10			#5@10	#5@16	#5@10				
STIR.req			0.0928	0.0000	0.0642			0.3937	0.2425	0.3046			0.3534	0.2432	0.3525				
WEB			0#3					0#3					0#3						
WEB.req			0.00					0.00					0.00						
LEVEL			0.00					0.00					0.00	0.00					
BM.H.LR	0																		0
C-CLEN	0		515					800					100						0
UCOL.W	0						0					0							0
UCOL.W	80						80					80							-25
DCOL.H	0						0					0							-70

F.NO=XX-9 3F			"3FB30"(50* 70)					"3FCB30"(50* 70)											
TOP.req			34.31	11.49	35.56			10.55	12.02	4.41									
TOP1	#8		6	3	6	#8		6	6	6									
TOP2	#8		2	0	2	#8		2	2	2									
BOT2	#8		0	0	0	#8		0	0	0									
BOT1	#8		5	3	4	#8		4	4	4									
BOT.req			20.78	14.05	19.33			8.88	4.41	4.41									
STIR			#5@12	#5@20	#5@12			#4@12	#4@12	#4@12									
STIR.req			0.3098	0.1302	0.3098			0.1701	0.0405	0.1663									
WEB			0#3					0#3											
WEB.req			0.00					0.00											
LEVEL			0.00					0.00	0.00										
BM.H.LR	70											0							
C-CLEN	850		850					240				0							
UCOL.W	80						80					0							
DCOL.W	80						80					-30							
DCOL.H	0						0					-70							

F.NO=60-3 4F			"4FG1"(50* 70)					"4FG2"(50* 70)					"4FCG2"(50* 70)						
TOP.req			7.41	2.16	8.74			44.08	14.08	37.32			7.04	7.94	3.40				
TOP1	#8		3	3	7	#8		7	3	6	#8		6	6	6				
TOP2	#8		0	0	2	#8		2	0	2	#8		2	2	2				
BOT2	#8		0	0	0	#8		0	0	0	#8		0	0	0				
BOT1	#8		3	3	5	#8		5	4	5	#8		5	5	5				
BOT.req			7.56	3.31	5.13			22.15	15.59	24.55			3.50	3.50	6.73				
STIR			#3@12	#3@20	#3@12			2*5@15	2*5@20	2*5@15			#4@10	#4@10	#4@10				
STIR.req			0.0961	0.0000	0.1000			0.4667	0.3101	0.4688			0.2228	0.1098	0.2205				
WEB			0#3					0#3					0#3						
WEB.req			0.00					0.00					0.00						
LEVEL			0.00					0.00					0.00	0.00					
BM.H.LR	0																		0
C-CLEN	0		515					800					160						0
UCOL.W	80						80					80							0
DCOL.W	80						80					80							-25
DCOL.H	0						0					0							-70

F.NO=XX-9 1F			"1FB30"(50* 70)																
TOP.req			13.10	3.22	11.54														
TOP1	#8		3	3	3														
TOP2	#8		0	0	0														
BOT2	#8		0	0	0														
BOT1	#8		3	3	3														
BOT.req			6.48	9.32	5.72														
STIR			#3@15	#3@20	#3@15														
STIR.req			0.0824	0.0300	0.0824														

WEB			0#3																
WEB.req			0.00																
LEVEL			0.00	0.00															
BM.H.LR	70							0											
C-CLEN	850		850					0											
UCOL.W	80							80											
DCOL.W	80							80											
DCOL.H	0							0											

F.NO=60-3 3F			"3FG1"(50* 70)					"3FG2"(50* 70)					"3FCG2"(50* 70)						
TOP.req			12.89	3.85	16.41			43.54	13.88	41.71			10.55	10.55	7.00				
TOP1	#8		3	3	7	#8		7	3	7	#8		7	7	7				
TOP2	#8		0	0	2	#8		2	0	2	#8		2	2	2				
BOT2	#8		0	0	0	#8		0	0	0	#8		0	0	0				
BOT1	#8		3	3	5	#8		5	3	5	#8		5	5	5				
BOT.req			13.02	5.06	10.24			22.51	14.73	24.44			8.28	8.28	3.48				
STIR			#4@15	#4@20	#4@15			2*5@15	2*5@20	2*5@15			2*5@12	2*5@12	2*5@12				
STIR.req			0.1414	0.0356	0.1433			0.4736	0.3166	0.4776			0.5374	0.4258	0.5350				
WEB			0#3					0#3					0#3						
WEB.req			0.00					0.00					0.00						
LEVEL			0.00					0.00					0.00	0.00					
BM.H.LR	0																		0
C-CLEN	0		515					600					100						0
UCOL.W	80						80					80							0
DCOL.W	80						80					80							-25
DCOL.H	0						0					0							-70

F.NO=XX-9 B1F			"B1FFB30"(50*180)																
TOP.req			2.28	17.72	12.94														
TOP1	#8		3	4	3														
TOP2	#8		0	0	0														
BOT2	#8		0	0	0														
BOT1	#8		6	3	3														
BOT.req			30.07	1.07	15.05														
STIR			#3@20	#3@20	#3@20														
STIR.req			0.0628	0.0000	0.0628														
WEB			5#4																
WEB.req			0.00																
LEVEL			0.00	0.00															
BM.H.LR	180							0											
C-CLEN	850		850					0											
UCOL.W	80							80											
DCOL.W	0							0											
DCOL.H	0							0											

F.NO=60-3 1F			"1FG1"(50* 70)					"1FG2"(50* 70)											
TOP.req			3.04	1.53	3.64			10.55	6.39	11.31									
TOP1	#8		3	3	3	#8		3	3	3									
TOP2	#8		0	0	0	#8		0	0	0									
BOT2	#8		0	0	0	#8		0	0	0									
BOT1	#8		3	3	3	#8		3	3	3									
BOT.req			3.18	1.94	1.81			10.55	7.59	12.64									
STIR			#3@15	#3@15	#3@15			#3@10	#3@20	#3@10									
STIR.req			0.0628	0.0000	0.0628			0.1274	0.0198	0.1282									
WEB			0#3					0#3											
WEB.req			0.00					0.00											
LEVEL			0.00					0.00	0.00										
BM.H.LR	0											0							
C-CLEN	0		515					600				0							
UCOL.W	80						80					80							
DCOL.W	130						80					80							
DCOL.H	0						0					0							

F.NO=60-3 2F			"2FG1"(50* 70)					"2FG2"(50* 70)					"2FCG2"(50* 70)						
TOP.req			10.55	5.03	10.55			40.81	12.45	37.84			8.64	8.64	4.74				
TOP1	#8		3	3	7	#8		7	3	6	#8		6	6	6				
TOP2	#8		0	0	2	#8		2	0	2	#8		2	2	2				
BOT2	#8		0	0	0	#8		0	0	0	#8		0	0	0				
BOT1	#8		3	3	5	#8		5	3	5	#8		5	5	5				
BOT.req			10.55	6.13	10.55			20.50	15.10	23.43			4.29	4.29	8.68				
STIR			#4@15	#4@20	#4@15			2*5@15	2*5@20	2*5@15			#5@12	#5@12	#5@12				
STIR.req			0.1457	0.0405	0.1482			0.4529	0.2946	0.4540			0.2761	0.1630	0.2737				
WEB			0#3					0#3					0#3						
WEB.req			0.00					0.00					0.00						
LEVEL			0.00					0.00					0.00	0.00					
BM.H.LR	0																		0
C-CLEN	0		515					600					160						0
UCOL.W	80						80					80							0
DCOL.W	80						80					80							-25
DCOL.H	0						0					0							-70

F.NO=60-3 B1F			"B1FFG1"(50*180)					"B1FFG2"(50*180)											
TOP.req			17.89	14.25	2.60			23.45	19.28	25.52									
TOP1	#8		4	3	5	#8		5	4	6									
TOP2	#8		0	0	0	#8		0	0	0									
BOT2	#8		0	0	0	#8		0	0	0									
BOT1	#8		3	3	5	#8		5	3	4									
BOT.req			9.28	6.16	11.06			24.04	11.78	18.54									
STIR			#3@10	#3@10	#3@10			#3@10	#3@10	#3@10									
STIR.req			0.1250	0.1250	0.1250			0.1250	0.1250	0.1250									
WEB			5#4					5#4											
WEB.req			0.00					0.00											
LEVEL			0.00					0.00	0.00										
BM.H.LR	0											0							
C-CLEN	0		515					600				0							
UCOL.W	130						80					80							
DCOL.W	0						0					0							
DCOL.H	0						0					0							

F.NO=60-4 R1F		*R1FG3*(50* 70)				*R1FG4*(50* 70)				*R1FCG4*(50* 70)			
TOP.req		25.30	10.75	25.63		28.21	10.48	27.92		10.64	10.64	5.12	
TOP1	#8	5	3	6	#8	6	3	6	#8	6	6	6	
TOP2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT1	#8	3	3	3	#8	3	3	3	#8	3	3	3	
BOT.req		14.27	10.55	12.32		12.59	11.85	13.37		5.27	5.27	2.55	
STIR		#5@10	#5@15	#5@10		#5@10	#5@18	#5@10		2#5@12	2#5@12	2#5@12	
STIR.req		0.3893	0.2302	0.3780		0.3492	0.1900	0.3408		0.4072	0.2969	0.4063	
WEB		G#3				G#3				G#3			
WEB.req		0.00				0.00				0.00			
LEVEL		0.00				0.00				0.00	0.00		
BM.H.LR	0												0
C-CLEN	0	515				600				100			0
UCOL.W	0				0				0				0
DCOL.W	80				80				80				-25
DCOL.H	0				0				0				-70

F.NO=60-5 R1F		*R1FG5*(50* 70)				*R1FCG5*(50* 70)			
TOP.req		47.13	10.86	48.78		8.22	8.22	8.40	
TOP1	#8	7	4	7	#8	7	7	7	
TOP2	#8	3	0	3	#8	3	3	3	
BOT2	#8	0	0	0	#8	0	0	0	
BOT1	#8	5	5	5	#8	5	5	5	
BOT.req		21.78	25.16	22.48		4.09	4.09	1.70	
STIR		#5@10	#5@18	#5@10		#5@12	#5@12	#5@12	
STIR.req		0.3733	0.2198	0.3678		0.3087	0.1986	0.3065	
WEB		G#3				G#3			
WEB.req		0.00				0.00			
LEVEL		0.00				0.00	0.00		
BM.H.LR	0								0
C-CLEN	0	1115				100			0
UCOL.W	0				0				0
DCOL.W	80				80				-25
DCOL.H	0				0				-70

F.NO=60-4 4F		*4FG3*(50* 70)				*4FG4*(50* 70)				*4FCG4*(50* 70)			
TOP.req		34.29	10.55	32.47		33.45	11.04	38.07		10.55	10.55	6.04	
TOP1	#8	7	3	7	#8	7	3	6	#8	6	6	6	
TOP2	#8	0	0	0	#8	0	0	2	#8	2	2	2	
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT1	#8	5	3	4	#8	4	3	4	#8	4	4	4	
BOT.req		20.32	11.39	19.24		16.74	14.05	17.90		7.65	7.65	3.01	
STIR		2#5@15	2#5@20	2#5@15		2#5@15	2#5@20	2#5@15		2#5@12	2#5@12	2#5@12	
STIR.req		0.4400	0.2981	0.4389		0.4377	0.2820	0.4437		0.5229	0.4113	0.5214	
WEB		G#3				G#3				G#3			
WEB.req		0.00				0.00				0.00			
LEVEL		0.00				0.00				0.00	0.00		
BM.H.LR	0												0
C-CLEN	0	515				600				100			0
UCOL.W	80				80				80				0
DCOL.W	80				80				80				-25
DCOL.H	0				0				0				-70

F.NO=60-5 4F		*4FG5*(50* 70)				*4FG6*(50* 70)				*4FCG6*(50* 70)			
TOP.req		27.72	13.43	31.44		30.46	10.55	35.11		11.52	11.52	10.47	
TOP1	#8	6	3	7	#8	7	3	7	#8	7	7	7	
TOP2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT1	#8	4	3	4	#8	4	3	4	#8	4	4	4	
BOT.req		17.49	11.06	14.96		14.52	13.57	15.60		10.07	10.07	5.18	
STIR		2#5@15	2#5@20	2#5@15		2#5@15	2#5@20	2#5@15		2#5@12	2#5@12	2#5@12	
STIR.req		0.4192	0.2710	0.4209		0.4209	0.2648	0.4247		0.5314	0.5196	0.5288	
WEB		G#3				G#3				G#3			
WEB.req		0.00				0.00				0.00			
LEVEL		0.00				0.00				0.00	0.00		
BM.H.LR	0												0
C-CLEN	0	515				600				100			0
UCOL.W	80				0				80				0
DCOL.W	80				80				80				-25
DCOL.H	0				0				0				-70

F.NO=60-4 3F		*3FG3*(50* 70)				*3FG4*(50* 70)				*3FCG4*(50* 70)			
TOP.req		35.86	10.55	34.60		34.72	11.33	39.06		11.41	11.41	10.59	
TOP1	#8	6	3	7	#8	7	3	6	#8	6	6	6	
TOP2	#8	2	0	0	#8	0	0	2	#8	2	2	2	
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT1	#8	5	3	5	#8	5	3	4	#8	4	4	4	
BOT.req		22.24	12.27	20.56		17.47	14.12	18.33		9.98	9.98	5.25	
STIR		2#5@15	2#5@20	2#5@15		2#5@15	2#5@20	2#5@15		2#5@12	2#5@12	2#5@12	
STIR.req		0.4581	0.3078	0.4571		0.4454	0.2892	0.4512		0.6322	0.5204	0.6397	
WEB		G#3				G#3				G#3			
WEB.req		0.00				0.00				0.00			
LEVEL		0.00				0.00				0.00	0.00		
BM.H.LR	0												0
C-CLEN	0	515				600				100			0
UCOL.W	80				80				80				0
DCOL.W	80				80				80				-25
DCOL.H	0				0				0				-70

F.NO=60-5 3F		*3FG5*(50* 70)				*3FG6*(50* 70)				*3FCG6*(50* 70)			
TOP.req		29.47	10.55	38.36		36.99	10.55	33.53		8.41	8.41	3.98	
TOP1	#8	6	3	6	#8	6	3	7	#8	7	7	7	
TOP2	#8	0	0	2	#8	2	0	0	#8	0	0	0	
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT1	#8	5	3	4	#8	4	3	4	#8	4	4	4	
BOT.req		22.20	13.19	18.03		17.43	14.32	18.47		4.18	4.18	1.98	
STIR		2#5@15	2#5@20	2#5@15		2#5@15	2#5@20	2#5@15		#5@12	#5@12	#5@12	

STIR.req		0.4740	0.3253	0.4756		0.4365	0.2803	0.4402		0.3251	0.2131	0.3248	
WEB		G#3				G#3				G#3			
WEB.req		0.00				0.00				0.00			
LEVEL		0.00				0.00				0.00	0.00		
BM.H.LR	0												0
C-CLEN	0	515				600				100			0
UCOL.W	80				80				80				0
DCOL.W	80				80				80				-25
DCOL.H	0				0				0				-70

F.NO=60-4 2F		*2FG3*(50* 70)				*2FG4*(50* 70)				*2FCG4*(50* 70)			
TOP.req		36.54	10.55	34.23		34.72	10.06	37.41		6.76	6.76	1.02	
TOP1	#8	6	3	7	#8	7	3	6	#8	6	6	6	
TOP2	#8	2	0	0	#8	0	0	2	#8	2	2	2	
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT1	#8	5	3	5	#8	5	3	4	#8	4	4	4	
BOT.req		22.46	12.49	20.38		16.43	14.23	17.61		3.36	3.36	0.51	
STIR		2#5@15	2#5@20	2#5@15		2#5@15	2#5@20	2#5@15		#4@10	#4@10	#4@10	
STIR.req		0.4591	0.3084	0.4584		0.4384	0.2818	0.4439		0.2290	0.1183	0.2278	
WEB		G#3				G#3				G#3			
WEB.req		0.00				0.00				0.00			
LEVEL		0.00				0.00				0.00	0.00		
BM.H.LR	0												0
C-CLEN	0	515				600				100			0
UCOL.W	80				80				80				0
DCOL.W	80				80				80				-25
DCOL.H	0				0				0				-70

F.NO=60-5 2F		*2FG5*(50* 70)				*2FG6*(50* 70)				*2FCG6*(50* 70)			
TOP.req		31.41	10.55	35.06		34.20	10.55	34.63		5.46	5.46	0.17	
TOP1	#8	7	3	7	#8	7	3	7	#8	7	7	7	
TOP2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT2	#8	0	0	0	#8	0	0	0	#8	0	0	0	
BOT1	#8	5	3	4	#8	4	3	4	#8	4	4	4	
BOT.req		20.84	12.58	17.73		16.20	14.19	16.39		2.72	2.72	0.29	
STIR		2#5@15	2#5@20	2#5@15		2#5@15	2#5@20	2#5@15		#4@12	#4@12	#4@12	
STIR.req		0.4549	0.3052	0.4559		0.4280	0.2724	0.4332		0.1789	0.0892	0.1787	
WEB		G#3				G#3				G#3			
WEB.req		0.00				0.00				0.00			
LEVEL		0.00				0.00				0.00	0.00		
BM.H.LR	0												0
C-CLEN	0	515				600				100			0
UCOL.W	80				80				80				0
DCOL.W	80				80				80				-25
DCOL.H	0				0				0				-70

F.NO=60-4 1F		*1FG3*(50* 70)				*1FG4*(50* 70)			
TOP.req		17.65	9.16	18.88		21.78	9.22	20.10	
TOP1	#8	4	3	5	#8	5	3	4	
TOP2	#8	0	0	0	#8	0	0	0	
BOT2	#8	0	0	0	#8	0	0	0	
BOT1	#8	3	3	3	#8	3	3	3	
BOT.req		10.55	13.07	10.55		10.55	13.54	10.55	
STIR		#5@12	#5@12	#5@12		#5@12	#5@20	#5@12	
STIR.req		0.3254	0.1841	0.3112		0.2725	0.1356	0.2773	
WEB		G#3				G#3			
WEB.req		0.00				0.00			
LEVEL		0.00				0.00	0.00		
BM.H.LR	0								0
C-CLEN	0	515				600			0
UCOL.W	80				80				80
DCOL.W	130				80				80
DCOL.H	0				0				0

F.NO=60-5 1F		*1FG5*(50* 70)				*1FG6*(50* 70)			
TOP.req		15.72	8.53	20.07		22.47	9.50	19.14	
TOP1	#8	4	3	5	#8	5	3	4	
TOP2	#8	0	0	0	#8	0	0	0	
BOT2	#8	0	0	0	#8	0	0	0	
BOT1	#8	3	3	3	#8	3	3	3	
BOT.req		10.24	13.16	10.55		10.86	13.90	10.55	
STIR		#5@12	#5@12	#5@12		#5@12	#5@20	#5@12	
STIR.req		0.3292	0.1879	0.3162		0.2782	0.1422	0.2825	
WEB		G#3				G#3			
WEB.req		0.00				0.00			
LEVEL		0.00				0.00	0.00		
BM.H.LR	0								0
C-CLEN	0	515				600			0
UCOL.W	80				80				80
DCOL.W	130				80				80
DCOL.H	0				0				0

F.NO=60-4 B1F		*B1FFG3*(50*180)				*B1FFG4*(50*180)			
TOP.req		24.35	37.83	5.71		7.95	41.40	26.28	
TOP1	#8	5	6	4	#8	4	7	5	
TOP2	#8	0	2	0	#8	0	2	0	
BOT2	#8	2	0	0	#8	0	0	2	
BOT1	#8	6	5	7	#8	7	3	6	
BOT.req		40.04	22.16	33.94		34.95	0.00	37.83	
STIR		#5@10	#5@10	#5@10		2#5@18	2#5@18	2#5@18	
STIR.req		0.3738	0.1907	0.3568		0.4092	0.1826	0.3426	
WEB		S#4				S#4			
WEB.req		0.00				0.00			
LEVEL		0.00				0.00	0.00		
BM.H.LR	0								0
C-CLEN	0	515				600			0
UCOL.W	130				80				80
DCOL.W	0				0				0
DCOL.H	0				0				0

```
F.NO=60-5 B1F          "B1FFG5"( 50*180)          "B1FFG6"( 50*180)
TOP.req          22.45   37.83    5.73          8.97   43.02   20.15
TOP1      #8         5       8       4    #5       4       7       4
TOP2      #6         1       2       0    #6       0       2       0

BOT2      #8         2       0       0    #8       0       0       0
BOT1      #6         6       5       7    #8       7       3       6
BOT.req          39.91   22.81   32.29          34.25    0.00   29.10

STIR           #5@10   #5@10   #5@13        2#5@18  2#5@18  2#5@18
STIR.req        0.3572  0.1741  0.3425         0.4128  0.1863  0.3589
WEB                5#4                           5#4
WEB.req         0.00                          0.00
LEVEL           0.00                          0.00    0.00
BM.H.LR    0                                                        0
C-CLEN     0      515                           600                 0
UCOL.W   130                          80                           80
DCOL.W     0                          0                            0
DCOL.H     0                          0                            0


F.NO=60-6 B1F          "B1FG7"( 50* 70)          "B1FG8"( 50* 70)          "B1FCG8"( 50* 70)
TOP.req          2.77    1.22    3.05         30.39   10.61   27.54         9.66    9.66    2.38
TOP1      #8         3       3       6    #8       6       3       5    #8       6       6       6
TOP2      #8         0       0       0    #8       0       0       0    #8       0       0       0

BOT2      #8         0       0       0    #8       0       0       0    #8       0       0       0
BOT1      #8         3       3       4    #8       4       3       4    #8       4       4       4
BOT.req          3.09    2.24    1.65         18.56   12.45   18.09         4.79    4.79    1.28

STIR           #3@15   #3@20   #3@15        #5@10   #5@20   #5@10        #5@12   #5@12   #5@12
STIR.req        0.0628  0.0000  0.0628         0.3419  0.1849  0.3292         0.2710  0.1597  0.2698
WEB                0#3                           0#3                           0#3
WEB.req         0.00                          0.00                          0.00    0.00
LEVEL           0.00                          0.00                          0.00    0.00
BM.H.LR    0                                                                                        0
C-CLEN     0      515                           600                 0           115                 0
UCOL.W     0                                   0                   0                               0
DCOL.W    80                          80                           80                           -25
DCOL.H     0                          0                            0                            -70


F.NO=YY-3 PF           "PFC0"( 40* 80)
TOP.req          14.45    7.10   14.83
TOP1      #8         3       3       3
TOP2      #8         0       0       0

BOT2      #8         0       0       0
BOT1      #8         3       3       3
BOT.req          8.17    7.10    9.00

STIR           #4@10   #4@20   #4@10
STIR.req        0.2128  0.0776  0.2128
WEB                0#3
WEB.req         0.00
LEVEL           0.00    0.00
BM.H.LR    0                                   0
C-CLEN     0      525                           0
UCOL.W     0                                   0
DCOL.W    80                                   80
DCOL.H     0                                   0


F.NO=60-6 4F           "4FG7"( 50* 70)          "4FG8"( 50* 70)          "4FCG8"( 50* 70)
TOP.req          6.15    1.70    5.58         39.13   12.12   41.00         6.57    6.57    2.42
TOP1      #8         3       3       6    #8       6       3       7    #8       7       7       7
TOP2      #8         0       0       2    #8       2       0       2    #8       2       2       2

BOT2      #8         0       0       0    #8       0       0       0    #8       0       0       0
BOT1      #8         3       3       5    #8       5       3       5    #8       5       5       5
BOT.req          5.25    2.41    3.72         22.42   15.15   21.31         3.27    3.27    1.40

STIR           #3@15   #3@20   #3@15        2#5@15  2#5@20  2#5@15        #4@10   #4@10   #4@10
STIR.req        0.0717  0.0000  0.0729         0.4593  0.3191  0.4805         0.2377  0.1267  0.2388
WEB                0#3                           0#3                           0#3
WEB.req         0.00                          0.00                          0.00
LEVEL           0.00                          0.00                          0.00    0.00
BM.H.LR    0                                                                                        0
C-CLEN     0      515                           600                 0           103                 0
UCOL.W    80                          80                           80                           0
DCOL.W    80                          80                           80                           -25
DCOL.H     0                          0                            0                            -70


F.NO=YY-3 R1F          "R1FG8"( 50* 70)          "R1FG10"( 50* 70)
TOP.req          28.41   10.55   27.23         17.50   13.23    7.49
TOP1      #8         6       3       6    #8       6       6       6
TOP2      #8         0       0       0    #8       0       0       0

BOT2      #8         0       0       0    #8       0       0       0
BOT1      #8         3       3       3    #8       3       3       3
BOT.req          14.22   13.62   13.58         10.55    7.49    7.49

STIR           2#5@15  #5@18  2#5@15        #4@10   #4@10   #4@10
STIR.req        0.4151  0.2072  0.3889         0.2491  0.1241  0.2453
WEB                6#3                           2#4
WEB.req         0.00                          0.00
LEVEL           0.00                          0.00    0.00
BM.H.LR    0                                                        0
C-CLEN     0      525                           255                 0
UCOL.W    80                          80                           0
DCOL.W    80                          80                           -30
DCOL.H     0                          0                            -70


F.NO=60-8 3F           "3FG7"( 50* 70)          "3FG8"( 50* 70)          "3FCG8"( 50* 70)
TOP.req          9.53    2.77    8.82         37.93   13.16   42.99        10.55   10.55    5.15
TOP1      #8         3       3       6    #8       6       3       7    #8       7       7       7
TOP2      #8         0       0       2    #8       2       0       2    #8       2       2       2

BOT2      #8         0       0       0    #8       0       0       0    #8       0       0       0
BOT1      #8         3       3       5    #8       5       3       5    #8       5       5       5
BOT.req          8.84    3.63    7.10         22.24   14.76   20.23         7.73    7.73    3.22
```



```
STIR           #3@12   #3@20   #3@12        2#5@15  2#5@20  2#5@15        2#5@12  2#5@12  2#5@12
STIR.req        0.0998  0.0000  0.1903         0.4534  0.3195  0.4898         0.4254  0.3129  0.4235
WEB                0#3                           0#3                           0#3
WEB.req         0.00                          0.00                          0.00
LEVEL           0.00                          0.00                          0.00    0.00
BM.H.LR    0                                                                                        0
C-CLEN     0      515                           600                 0           115                 0
UCOL.W    80                          80                           80                           0
DCOL.W    80                          80                           80                           -25
DCOL.H     0                          0                            0                            -70


F.NO=YY-3 4F           "4FG8"( 50* 70)          "4FG10"( 50* 70)          "4FCG10"( 50* 70)
TOP.req          33.38   10.92   26.01         25.20   10.55   25.93         5.03    5.03    0.25
TOP1      #8         7       3       6    #8       6       3       6    #8       6       6       6
TOP2      #8         0       0       0    #8       0       0       0    #8       0       0       0

BOT2      #8         0       0       0    #8       0       0       0    #8       0       0       0
BOT1      #8         4       3       4    #8       4       4       3    #8       3       3       3
BOT.req          18.93   14.35   17.44         17.68   15.24   12.46         2.51    2.51    0.36

STIR           2#4@10  2#4@20  2#4@10        #5@10   #5@18   #5@10        #4@12   #4@12   #4@12
STIR.req        0.4347  0.2410  0.4121         0.3672  0.2037  0.3401         0.1897  0.0594  0.1689
WEB                0#3                           0#3                           0#3
WEB.req         0.00                          0.00                          0.00
LEVEL           0.00                          0.00                          0.00    0.00
BM.H.LR    0                                                                                        0
C-CLEN     0      525                           615                 0           101                 0
UCOL.W    80                          80                           0                               0
DCOL.W    80                          80                           80                           -25
DCOL.H     0                          0                            0                            -70


F.NO=60-6 2F           "2FG7"( 50* 70)          "2FG8"( 50* 70)          "2FCG8"( 50* 70)
TOP.req          12.65    3.81   10.85         36.81   11.92   41.30         8.50    8.50    2.55
TOP1      #8         3       3       5    #8       5       3       7    #8       7       7       7
TOP2      #8         0       0       2    #8       2       0       2    #8       2       2       2

BOT2      #8         0       0       0    #8       0       0       0    #8       0       0       0
BOT1      #8         3       3       5    #8       5       3       5    #8       5       5       5
BOT.req          11.69    4.59    9.35         20.34   15.15   19.67         4.22    4.22    1.27

STIR           #3@19   #3@20   #3@10        2#5@15  2#5@20  2#5@15        #5@12   #5@12   #5@12
STIR.req        0.1290  0.0121  0.1203         0.4421  0.3102  0.4725         0.2888  0.1778  0.2879
WEB                0#3                           0#3                           0#3
WEB.req         0.00                          0.00                          0.00
LEVEL           0.00                          0.00                          0.00    0.00
BM.H.LR    0                                                                                        0
C-CLEN     0      515                           600                 0           103                 0
UCOL.W    80                          80                           80                           0
DCOL.W    80                          80                           80                           -25
DCOL.H     0                          0                            0                            -70


F.NO=YY-3 3F           "3FG8"( 50* 70)          "3FCG8"( 50* 70)
TOP.req          38.07   12.94   36.92         23.67   17.92   10.06
TOP1      #8         6       3       6    #8       6       6       6
TOP2      #8         2       0       2    #8       2       2       2

BOT2      #8         0       0       0    #8       0       0       0
BOT1      #8         5       4       5    #8       5       5       5
BOT.req          22.94   16.95   23.29         11.51   10.06   11.10

STIR           2#5@15  2#5@20  2#5@15        #5@10   #5@10   #5@10
STIR.req        0.4643  0.2888  0.4526         0.3815  0.2526  0.3765
WEB                0#3                           0#3
WEB.req         0.00                          0.00
LEVEL           0.00                          0.00    0.00
BM.H.LR    9                                                        0
C-CLEN     9      525                           255                 0
UCOL.W    80                          80                           0
DCOL.W    80                          80                           -30
DCOL.H     0                          0                            -70


F.NO=60-6 1F           "1FG7"( 50* 70)          "1FG8"( 50* 70)
TOP.req          3.18    1.56    4.24         24.28   10.66   25.07
TOP1      #8         3       3       5    #8       5       3       5
TOP2      #8         0       0       0    #8       0       0       0

BOT2      #8         0       0       0    #8       0       0       0
BOT1      #8         3       3       3    #8       3       3       3
BOT.req          2.53    1.64    2.49         11.70   13.69   12.05

STIR           #3@15   #3@15   #3@15        #5@12   #5@20   #5@12
STIR.req        0.0628  0.0000  0.0628         0.2926  0.1859  0.3134
WEB                0#3                           0#3
WEB.req         0.00                          0.00
LEVEL           0.00                          0.00    0.00
BM.H.LR    0                                                        0
C-CLEN     0      515                           600                 0
UCOL.W    80                          80                           80
DCOL.W   130                          80                           80
DCOL.H     0                          0                            0


F.NO=YY-3 2F           "2FG8"( 50* 70)          "2FG10"( 50* 70)          '2FCG11'( 50* 70)
TOP.req          38.85   13.43   30.14         21.01   13.60   39.21         7.30    7.30    0.44
TOP1      #8         6       3       7    #8       7       3       6    #8       6       6       6
TOP2      #8         2       0       0    #8       0       0       2    #8       2       2       2

BOT2      #8         0       0       0    #8       0       0       0    #8       0       0       0
BOT1      #8         5       4       5    #8       5       4       4    #8       4       4       4
BOT.req          21.67   16.76   21.04         22.30   15.27   18.40         6.38    6.38    0.92

STIR           2#5@15  2#5@20  2#5@15        2#5@15  2#5@20  2#5@15        #5@12   #5@12   #5@12
STIR.req        0.4780  0.2837  0.4557         0.4353  0.2710  0.4098         0.2550  0.1446  0.2541
WEB                6#3                           0#3                           0#3
WEB.req         0.00                          0.00                          0.00
LEVEL           0.00                          0.00                          0.00    0.00
BM.H.LR    0                                                                                        0
C-CLEN     0      525                           615                 0           101                 0
UCOL.W    80                          80                           80                           0
DCOL.W    80                          80                           80                           -25
DCOL.H     0                          0                            0                            -70
```

F.NO=80-6 B1F		*B1FFG7*(50*180)			*B1FFG8*(50*180)		
TOP.req		25.11	9.87	6.44	23.47	27.88	26.71
TOP1	#8	5	3	5	#8 5	6	6
TOP2	#8	0	0	0	#8 0	2	0
BOT2	#8	0	0	3	#8 3	0	2
BOT1	#8	3	3	7	#8 7	4	6
BOT.req		7.58	9.61	22.40	46.60	18.58	36.93

STIR	#3@10	#3@10	#3@10	#5@10	#5@10	#5@10
STIR.req	0.1250	0.1250	0.1250	0.3545	0.1728	0.3814
WEB	5#4			5#4		
WEB.req	0.00			0.00		
LEVEL	0.00			0.00	0.00	
BW.H.LR	0					0
C-CLEN	0	515		600		0
UCOL.W	130			80		80
DCOL.W	0			0		0
DCOL.H	0			0		0

F.NO=YY-3 1F		*1FG9*(50* 70)			*1FG10*(50* 70)		
TOP.req		17.32	11.65	16.12	22.80	11.07	26.43
TOP1	#8	4	3	5	#8 5	3	6
TOP2	#8	0	0	0	#8 0	0	0
BOT2	#8	0	0	0	#8 0	0	0
BOT1	#8	3	3	3	#8 3	4	3
BOT.req		10.55	10.25	10.55	10.92	16.74	12.69

STIR	#5@12	#5@12	#5@12	#5@12	#5@20	#5@12
STIR.req	0.3652	0.1184	0.2803	0.3054	0.1542	0.3082
WEB	6#3			6#3		
WEB.req	0.00			0.00		
LEVEL	0.00			0.00	0.00	
BW.H.LR	0					0
C-CLEN	0	525		615		0
UCOL.W	80			80		80
DCOL.W	130			80		80
DCOL.H	0			0		0

F.NO=YY-3 B1F		*B1FFG9*(50*180)			*B1FFG10*(50*180)		
TOP.req		26.89	37.83	0.74	10.76	40.68	28.48
TOP1	#8	8	6	5	#8 5	7	6
TOP2	#8	9	2	0	#8 3	2	0
BOT2	#8	2	0	2	#8 2	0	2
BOT1	#8	8	3	7	#8 7	3	6
BOT.req		37.86	12.85	36.18	42.41	6.16	37.83

STIR	2#5@15	2#5@15	2#5@15	2#5@18	2#5@18	2#5@18
STIR.req	0.4833	0.1632	0.3477	0.4056	0.1861	0.3288
WEB	5#4			5#4		
WEB.req	0.00			0.00		
LEVEL	0.00			0.00	0.00	
BW.H.LR	0					0
C-CLEN	0	525		615		0
UCOL.W	130			80		80
DCOL.W	0			0		0
DCOL.H	0			0		0

F.NO=YY-8 PF		*PFG12*(40* 60)		
TOP.req		9.00	3.17	7.10
TOP1	#8	3	3	3
TOP2	#8	0	0	0
BOT2	#8	0	0	0
BOT1	#8	3	3	3
BOT.req		4.45	3.63	5.09

STIR	#3@12	#3@20	#3@12
STIR.req	0.1094	0.0000	0.1094
WEB	0#3		
WEB.req	0.00		
LEVEL	0.00	0.00	
BW.H.LR	0		0
C-CLEN	0	525	0
UCOL.W	0		0
DCOL.W	80		80
DCOL.H	0		0

F.NO=YY-10 R1F		*R1FG15*(50* 70)			"R1FG19"(50* 70)			*R1FG16*(50* 70)		
TOP.req		23.53	10.74	25.58	25.57	10.31	28.69	8.42	8.42	9.10
TOP1	#6	6	3	6	#8 6	3	6	#6 6	6	6
TOP2	#8	0	0	0	#8 0	0	0	#8 0	0	0
BOT2	#8	0	0	0	#8 0	0	0	#8 0	0	0
BOT1	#8	3	3	3	#8 3	3	3	#8 3	3	3
BOT.req		13.05	10.55	12.90	12.75	12.86	14.18	4.18	4.18	0.08

STIR	#5@10	#5@18	#5@10	#5@10	#5@18	#5@10	#4@12	#4@12	#4@12
STIR.req	0.3665	0.2149	0.3985	0.3533	0.2050	0.3541	0.1811	0.0680	0.1797
WEB	0#3			0#3			0#3		
WEB.req	0.00			0.00			0.00		
LEVEL	0.00			0.00			0.00	0.00	
BW.H.LR	0								0
C-CLEN	0	525		615			130		0
UCOL.W	0			0		0			0
DCOL.W	80			80		80			-25
DCOL.H	0			0		0			-70

F.NO=YY-8 R1F		*R1FG12*(50* 70)			*R1FG13*(50* 70)			"R1FCG13"(50* 70)		
TOP.req		3.63	1.75	3.56	30.82	11.52	30.68	6.35	6.35	0.08
TOP1	#6	3	3	7	#8 7	3	7	#8 7	7	7
TOP2	#8	0	0	0	#8 0	0	0	#8 0	0	0
BOT2	#8	0	0	0	#8 0	0	0	#8 0	0	0
BOT1	#8	3	3	5	#8 5	3	4	#8 4	4	4
BOT.req		3.89	2.62	1.78	21.12	13.77	17.45	5.16	3.16	1.06

STIR	#3@15	#3@20	#3@15	#5@10	#5@20	#5@10	#4@12	#4@12	#4@12
STIR.req	0.0628	0.0000	0.0628	0.3478	0.1621	0.3468	0.1902	0.0471	0.1587
WEB	0#3			0#3			0#3		
WEB.req	0.00			0.00			0.00		
LEVEL	0.00			0.00			0.00	0.00	
BW.H.LR	0								0
C-CLEN	0	525		615			130		0
UCOL.W	80			80		0			0
DCOL.W	80			80		80			-25
DCOL.H	0			0		0			-70

F.NO=YY-10 4F		*4FG15*(50* 70)			*4FG16*(50* 70)			*4FCG16*(50* 70)		
TOP.req		31.37	10.20	32.16	33.07	11.03	30.32	11.79	11.79	0.03
TOP1	#8	7	3	7	#8 7	3	6	#8 6	6	6
TOP2	#8	0	0	0	#8 0	0	2	#8 2	2	2
BOT2	#8	0	0	0	#8 0	0	0	#8 0	0	0
BOT1	#8	4	3	4	#8 4	3	4	#8 4	4	4
BOT.req		18.62	11.02	17.25	16.06	14.68	18.45	5.84	5.84	0.15

STIR	2#5@15	2#5@20	2#5@15	2#5@15	2#5@20	2#5@15	#4@10	#4@10	#4@10
STIR.req	0.4226	0.2711	0.4226	0.4371	0.2781	0.4426	0.2519	0.1364	0.2494
WEB	0#3			0#3			0#5		
WEB.req	0.00			0.00			0.00		
LEVEL	0.00			0.00			0.00	0.00	
BW.H.LR	0								0
C-CLEN	0	525		615			130		0
UCOL.W	80			80		80			0
DCOL.W	80			80		80			-25
DCOL.H	0			0		0			-70

F.NO=YY-8 4F		*4FG12*(50* 70)			*4FG13*(50* 70)			*4FCG13*(50* 70)		
TOP.req		6.64	2.21	6.74	42.80	13.19	43.58	4.44	4.44	0.68
TOP1	#8	3	3	7	#8 7	3	7	#8 7	7	7
TOP2	#8	0	0	2	#8 2	0	2	#8 2	2	2
BOT2	#8	0	0	0	#8 0	0	0	#8 0	0	0
BOT1	#8	3	3	5	#8 5	4	5	#8 5	5	5
BOT.req		5.84	2.98	3.69	23.65	15.28	21.98	3.86	9.49	10.55

STIR	#3@15	#3@20	#3@15	2#5@15	2#5@20	2#5@15	#5@10	#5@10	#5@10
STIR.req	0.0854	0.0000	0.0865	0.4782	0.3167	0.4764	0.3810	0.2884	0.3787
WEB	0#3			0#3			0#3		
WEB.req	0.00			0.00			0.00		
LEVEL	0.00			0.00			0.00	0.00	
BW.H.LR	0								0
C-CLEN	0	525		615			130		0
UCOL.W	80			80		80			0
DCOL.W	80			80		80			-25
DCOL.H	0			0		0			-70

F.NO=YY-10 3F		*3FG15*(50* 70)			*3FG16*(50* 70)			*3FCG16*(50* 70)		
TOP.req		33.93	10.55	34.83	35.41	11.27	39.21	13.34	13.34	3.62
TOP1	#8	7	3	7	#8 7	3	8	#8 6	6	6
TOP2	#8	0	0	0	#8 0	0	2	#8 2	2	2
BOT2	#8	0	0	0	#8 0	0	0	#8 0	0	0
BOT1	#8	5	3	4	#8 4	3	4	#8 4	4	4
BOT.req		21.06	12.06	18.42	17.61	14.46	18.40	6.60	6.60	1.81

STIR	2#5@15	2#5@20	2#5@15	2#5@15	2#5@20	2#5@15	#5@12	#5@12	#5@12
STIR.req	0.4478	0.2958	0.4477	0.4424	0.2840	0.4440	0.3150	0.2097	0.3132
WEB	0#3			0#3			0#3		
WEB.req	0.00			0.00			0.00		
LEVEL	0.00			0.00			0.00	0.00	
BW.H.LR	0								0
C-CLEN	0	525		615			130		0
UCOL.W	80			80		80			0
DCOL.W	80			80		80			-25
DCOL.H	0			0		0			-70

F.NO=YY-8 3F		*3FG12*(50* 70)			*3FG13*(50* 70)			*3FCG13*(50* 70)		
TOP.req		12.04	3.38	11.15	36.62	13.88	38.69	10.78	10.78	8.24
TOP1	#8	3	3	6	#8 6	3	6	#8 6	6	6
TOP2	#8	0	0	2	#8 2	0	2	#8 2	2	2
BOT2	#8	0	0	0	#8 0	0	0	#8 0	0	0
BOT1	#8	3	3	6	#8 6	4	5	#8 5	5	5
BOT.req		11.09	4.74	9.03	26.72	15.72	23.86	9.44	9.44	4.09

STIR	#3@10	#3@20	#3@10	2#4@12	2#4@20	2#4@12	#5@10	#5@10	#5@10
STIR.req	0.1239	0.0276	0.1245	0.4097	0.2485	0.4153	0.3834	0.2675	0.3817
WEB	0#3			0#3			0#3		
WEB.req	0.00			0.00			0.00		
LEVEL	0.00			0.00			0.00	0.00	
BW.H.LR	0								0
C-CLEN	0	525		615			130		0
UCOL.W	80			80		80			0
DCOL.W	80			80		80			-25
DCOL.H	0			0		0			-70

F.NO=YY-10 2F		*2FG15*(50* 70)			*2FG16*(50* 70)			*2FCG16*(50* 70)		
TOP.req		35.73	10.55	35.13	35.34	11.47	40.11	9.34	9.34	0.03
TOP1	#8	6	3	7	#8 7	3	6	#8 6	6	6
TOP2	#8	2	0	0	#8 0	0	2	#8 2	2	2
BOT2	#8	0	0	0	#8 0	0	0	#8 0	0	0
BOT1	#8	5	3	4	#8 4	3	4	#8 4	4	4
BOT.req		21.96	12.59	20.17	16.70	14.86	18.79	4.63	4.63	9.13

STIR	2#5@15	2#5@20	2#5@15	2#5@15	2#5@20	2#5@15	#4@12	#4@12	#4@12
STIR.req	0.4553	0.3031	0.4553	0.4466	0.2878	0.4518	0.2018	0.0876	0.1998
WEB	0#3			0#3			0#3		
WEB.req	0.00			0.00			0.00		
LEVEL	0.00			0.00			0.00	0.00	
BW.H.LR	0								0
C-CLEN	0	525		615			130		0
UCOL.W	80			80		80			0
DCOL.W	80			80		80			-25

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UCOL.W      130                         80                          80                          0
DCOL.W      130                         80                          80                        -25
DCOL.H        0                          0                           0                        -70

F.NO=YY-16 3F                 '3FG27'( 50* 70)            '3FG28'( 50* 70)            '3FG28'( 50* 70)
TOP.req                 27.20   13.94   24.82       24.00   10.50   33.23       10.93   10.93    0.29
TOP1          #8            6       3       5   #8      5       3       7   #8      7       7       7
TOP2          #8            0       0       0   #8      0       0       0   #8      0       0       0

BOT2          #8            0       0       0   #8      0       0       0   #8      0       0       0
BOT1          #8            5       3       5   #8      5       3       4   #8      4       4       4
BOT.req                 23.71   14.34   20.44       17.37   12.33   15.76        5.41    5.41    1.01

STIR                    #5@12   #5@20   #5@12       #5@10   #5@18   #5@10       #4@10   #4@10   #4@10
STIR.req                0.3976  0.1685  0.3076      0.3648  0.2009  0.3857      0.2528  0.1373  0.2503
WEB                       0#3                         0#3                         0#3
WEB.req                 0.00                        0.00                        0.00
LEVEL                   0.00                        0.00                        0.00    0.00
BW.H.LR       0                                                                                       0
C-CLEN        0           525                         615                         130                 0
UCOL.W       80                                      80                          80                  0
DCOL.W       80                                      80                          80                -25
DCOL.H        0                                       0                           0                -70

F.NO=YY-13 2F                 '2FG24'( 50* 70)            '2FG25'( 50* 70)            '2FG25'( 50* 70)
TOP.req                 16.03   16.41   10.55       45.26   14.31   44.26       11.23   11.23    0.28
TOP1          #8            4       3       7   #8      7       3       7   #8      7       7       7
TOP2          #8            0       0       2   #8      2       0       2   #8      2       2       2

BOT2          #8            0       0       0   #8      0       0       0   #8      0       0       0
BOT1          #8            4       3       5   #8      6       4       5   #8      5       5       5
BOT.req                 15.32   11.38   10.55       25.95   15.56   24.27        6.86    6.86    1.59

STIR                    #4@10   #4@10   #4@10       2#5@15  2#5@20  2#5@15      #5@12   #5@12   #5@12
STIR.req                0.2382  0.1401  0.1843      0.4775  0.3152  0.4778      0.2691  0.1551  0.2673
WEB                       0#3                         0#3                         0#3
WEB.req                 0.00                        0.00                        0.00
LEVEL                   0.00                        0.00                        0.00    0.00
BW.H.LR       0                                                                                       0
C-CLEN        0           525                         615                         139                 0
UCOL.W       130                                      80                          80                  0
DCOL.W       130                                      80                          80                -25
DCOL.H        0                                       0                           0                -70

F.NO=YY-16 2F                 '2FG27'( 50* 70)            '2FG27'( 50* 70)
TOP.req                 29.64   14.75   31.79       11.77   11.77    1.16
TOP1          #8            6       3       7   #8      7       7       7
TOP2          #8            0       0       0   #8      0       0       0

BOT2          #8            0       0       0   #8      0       0       0
BOT1          #8            6       4       6   #8      6       6       6
BOT.req                 25.84   15.32   25.56       5.83    5.83    2.22

STIR                    #5@10   #5@18   #5@10       #5@12   #5@12   #5@12
STIR.req                0.3718  0.2182  0.3718      0.2885  0.1742  0.2866
WEB                       0#3                         0#3
WEB.req                 0.00                        0.00
LEVEL                   0.00                        0.00    0.00
BW.H.LR       0                                                                   0
C-CLEN        0           525                         131                         0
UCOL.W       80                                      80                          0
DCOL.W       80                                      80                        -30
DCOL.H        0                                       0                        -70

F.NO=YY-13 1F                 '1FG24'( 50* 70)            '1FG25'( 50* 70)
TOP.req                 4.78    2.24    6.39       32.65   10.55   28.82
TOP1          #8            3       3       7   #8      7       3       6
TOP2          #8            0       0       0   #8      0       0       0

BOT2          #8            0       0       0   #8      0       0       0
BOT1          #8            3       3       4   #8      4       4       4
BOT.req                 7.34    3.25    3.18       15.51   15.40   13.78

STIR                    #3@15   #3@15   #3@15       #5@10   #5@15   #5@10
STIR.req                0.0733  0.0090  0.0782      0.3748  0.2234  0.3771
WEB                       0#3                         0#3
WEB.req                 0.00                        0.00
LEVEL                   0.00                        0.00    0.00
BW.H.LR       0                                                                   0
C-CLEN        0           525                         615                         0
UCOL.W       130                                      80                          80
DCOL.W       130                                      80                          80
DCOL.H        0                                       0                           0

F.NO=YY-16 1F                 '1FG27'( 50* 70)            '1FG28'( 50* 70)
TOP.req                 12.85    5.33   13.47        8.71    3.45    8.82
TOP1          #8            3       3       3   #8      3       3       3
TOP2          #8            0       0       0   #8      0       0       0

BOT2          #8            0       0       0   #8      0       0       0
BOT1          #8            3       3       3   #8      3       3       3
BOT.req                 8.54    6.42    6.66        8.85    5.30    9.47

STIR                    #4@15   #4@20   #4@15       #3@15   #3@20   #3@15
STIR.req                0.1440  0.0071  0.1440      0.0909  0.0008  0.0908
WEB                       0#3                         0#3
WEB.req                 0.00                        0.00
LEVEL                   0.00                        0.00    0.00
BW.H.LR       0                                                                   0
C-CLEN        0           525                         615                         0
UCOL.W       80                                      80                          80
DCOL.W       80                                      80                          80
DCOL.H        0                                       0                           0

F.NO=YY-13 B1F                '1B1FG24'( 50*180)          '1B1FG25'( 50*180)
TOP.req                 16.03   18.13    5.37       31.03   42.56   33.88
TOP1          #8            4       4       7   #8      7       7       7
TOP2          #8            0       0       0   #8      0       2       0
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BOT2          #8            0       0       5   #8      5       0       2
BOT1          #8            3       3       7   #8      7       5       6
BOT.req                 12.79    9.13   22.29       60.53   20.43   30.74

STIR                    #3@18   #3@10   #3@10       2#5@15  2#5@15  2#5@15
STIR.req                0.1250  0.1250  0.1250      0.5226  0.3077  0.4186
WEB                       5#4                         5#4
WEB.req                 0.00                        0.00
LEVEL                   0.00                        0.00    0.00
BW.H.LR       0                                                                   0
C-CLEN        0           525                         615                         0
UCOL.W       80                                      80                          80
DCOL.W       80                                      80                          80
DCOL.H        0                                       0                           0

F.NO=YY-16 B1F                '1B1FG27'( 50*180)          '1B1FG28'( 50*180)
TOP.req                 20.55   19.41    9.88       19.86   23.06   30.88
TOP1          #8            6       4       4   #8      4       5       7
TOP2          #8            0       0       0   #8      0       0       0

BOT2          #8            0       0       0   #8      0       0       0
BOT1          #8            4       3       5   #8      5       3       5
BOT.req                 18.02    9.42   22.04       23.41   10.97   22.58

STIR                    #3@10   #3@10   #3@10       #3@10   #3@10   #3@10
STIR.req                0.1259  0.1250  0.1250      0.1259  0.1250  0.1250
WEB                       5#4                         5#4
WEB.req                 0.00                        0.00
LEVEL                   0.00                        0.00    0.00
BW.H.LR       0                                                                   0
C-CLEN        0           525                         615                         0
UCOL.W       80                                      80                          80
DCOL.W       0                                       0                           0
DCOL.H        0                                       0                           0

F.NO=-55-1 2F                 '2Fb22'( 40* 70)            '2Fb23'( 40* 70)
TOP.req                 5.68    8.44    9.57       13.16    7.98   10.04
TOP1          #6            5       5       5   #6      5       3       4
TOP2          #6            0       0       0   #6      0       0       0

BOT2          #6            0       0       0   #6      0       0       0
BOT1          #6            4       4       4   #6      4       3       4
BOT.req                 4.14    6.35    9.99        8.44    8.34    9.97

STIR                    #4@12   #4@12   #4@12       #3@12   #3@20   #3@12
STIR.req                0.1737  0.0848  0.1727      0.1040  0.0008  0.1031
WEB                       0#3                         0#3
WEB.req                 0.00                        0.00
LEVEL                   0.00                        0.00    0.00
BW.H.LR       0                                                                   0
C-CLEN        0           158                         748                         0
UCOL.W        0                       0                                           0
DCOL.W      -25                     -50                                         -50
DCOL.H      -70                     -70                                         -70

F.NO=-54-1 R1F                '1R1Fb51'( 25* 70)
TOP.req                 7.85    4.09    6.26
TOP1          #6            3       3       3
TOP2          #6            0       0       0

BOT2          #6            0       0       0
BOT1          #6            3       3       3
BOT.req                 5.60    3.45    5.49

STIR                    #3@18   #3@20   #3@18
STIR.req                0.0700  0.0210  0.0752
WEB                       0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BW.H.LR       0                                 0
C-CLEN        0           553                   0
UCOL.W        0                                 0
DCOL.W      -50                               -30
DCOL.H      -70                               -70

F.NO=-54-1 3F                 '3Fbb4'( 25* 70)
TOP.req                 13.30    6.16    5.57
TOP1          #6            3       3       3
TOP2          #6            2       0       0

BOT2          #6            0       0       0
BOT1          #6            3       3       3
BOT.req                 6.38    5.27    6.38

STIR                    #3@12   #3@20   #3@12
STIR.req                0.1140  0.0475  0.1114
WEB                       0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BW.H.LR       0                                 0
C-CLEN        0           593                   0
UCOL.W        0                                 0
DCOL.W      -50                               -40
DCOL.H      -70                               -60

F.NO=-30-2 R1F                '1R1Fb1'( 40* 60)           '1R1Fb2'( 40* 60)           '1R1Fb3'( 40* 60)
TOP.req                 16.55    6.96   14.67       14.87    6.29    8.07        8.69    7.96   19.09
TOP1          #6            6       3       6   #6      6       3       4   #6      4       3       5
TOP2          #6            0       0       0   #6      0       0       0   #6      0       0       2

BOT2          #6            0       0       0   #6      0       0       0   #6      0       0       0
BOT1          #6            3       3       3   #6      3       3       3   #6      3       3       4
BOT.req                 7.97    7.10    7.10        7.19    7.33    7.28        7.96    7.10    9.13

STIR                    #3@10   #3@20   #3@10       #3@12   #3@20   #3@12       #3@10   #3@20   #3@10
STIR.req                0.1258  0.0162  0.1250      0.1002  0.0000  0.1002      0.1272  0.0183  0.1272
WEB                       0#3                         0#3                         0#3
WEB.req                 0.00                        0.00                        0.00
LEVEL                   0.00                        0.00                        0.00    0.00
BW.H.LR       0                                                                                       0
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BM.H.LR        0                                                    180
C-CLEN         0      850                            850            850
UCOL.W         0                                0                   0
DCOL.W       -50                              -50                 -50
DCOL.H      -180                             -180                -180


F.NO=-30-4 R1F                 *R1Fb13"( 40* 60)
TOP.req                 11.17    4.89   11.42
TOP1          #6            4       3       4
TOP2          #6            0       0       0

BOT2          #6            0       0       0
BOT1          #6            3       4       3
BOT.req                  7.10    8.38    7.10

STIR                    #3@12   #3@20   #3@12
STIR.req                0.1006  0.0000  0.1006
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR       60                                                 0
C-CLEN       850     850                                        0
UCOL.W         0                                                0
DCOL.W       -50                                              -50
DCOL.H       -70                                              -70


F.NO=-30-4 4F                  *4Fb13"( 40* 60)
TOP.req                 17.12    7.19   14.51
TOP1          #8            5       3       5
TOP2          #6            2       0       0

BOT2          #6            0       0       0
BOT1          #6            3       4       3
BOT.req                  8.23   11.19    7.10

STIR                    #3@12   #3@20   #3@12
STIR.req                0.1166  0.6125  0.1166
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR       60                                                 0
C-CLEN       850     850                                        0
UCOL.W         0                                                0
DCOL.W       -50                                              -40
DCOL.H       -70                                              -60


F.NO=-30-4 3F                  *3Fb13"( 40* 60)
TOP.req                 18.49    7.73   17.38
TOP1          #8            5       3       5
TOP2          #6            2       0       2

BOT2          #6            0       0       0
BOT1          #6            4       4       3
BOT.req                  8.88   11.20    8.34

STIR                    #3@10   #3@20   #3@10
STIR.req                0.1417  0.0305  0.1417
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR       60                                                 0
C-CLEN       850     850                                        0
UCOL.W         0                                                0
DCOL.W       -50                                              -40
DCOL.H       -70                                              -60


F.NO=-30-4 2F                  *2Fb13"( 40* 60)
TOP.req                 18.30    7.65   15.71
TOP1          #8            5       3       6
TOP2          #6            2       0       0

BOT2          #6            0       0       0
BOT1          #6            4       4       3
BOT.req                  8.77   11.38    7.58

STIR                    #3@10   #3@20   #3@10
STIR.req                0.1399  0.0285  0.1399
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR       60                                                 0
C-CLEN       850     850                                        0
UCOL.W         0                                                0
DCOL.W       -50                                              -40
DCOL.H       -70                                              -60


F.NO=-30-4 1F                  *1Fb13"( 40* 60)
TOP.req                 14.65    6.21   11.98
TOP1          #8            6       3       5
TOP2          #6            0       0       0

BOT2          #6            0       0       0
BOT1          #6            3       4       3
BOT.req                  7.10   10.67    7.10

STIR                    #3@12   #3@20   #3@12
STIR.req                0.1049  0.0028  0.1049
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR       60                                                 0
C-CLEN       850     850                                        0
UCOL.W         0                                                0
DCOL.W       -50                                              -40
DCOL.H       -70                                              -60


F.NO=-30-4 B1F                 *B1FFb13"( 40*180)
TOP.req                  6.50   33.27   15.46
TOP1          #7            3       5       4
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TOP2          #7            0       3       0

BOT2          #7            5       0       2
BOT1          #7            3       3       5
BOT.req                 38.83    0.00   25.63

STIR                    #5@15   #5@15   #5@15
STIR.req                0.2828  0.0080  0.2233
WEB                        5#4
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR      189                                                 0
C-CLEN       850     850                                        0
UCOL.W         0                                                0
DCOL.W       -50                                              -40
DCOL.H      -180                                             -180


F.NO=-30-6 R1F                 *R1Fbb0"( 25* 70)
TOP.req                  2.66    5.44    0.02
TOP1          #8            3       3       3
TOP2          #6            0       0       0

BOT2          #5            0       0       0
BOT1          #8            3       3       3
BOT.req                  2.60    2.60    5.25

STIR                    #3@20   #3@20   #3@20
STIR.req                0.0553  0.0000  0.0553
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR       0                                                  70
C-CLEN        0      410                                       900
UCOL.W        0                                                  0
DCOL.W      -30                                              -25
DCOL.H      -70                                              -70


F.NO=-30-6 R1F                 *R1Fbb2"( 25* 70)
TOP.req                  5.27    2.12    5.27
TOP1          #6            3       3       3
TOP2          #6            0       0       0

BOT2          #6            0       0       0
BOT1          #6            3       3       3
BOT.req                  4.22    2.42    4.27

STIR                    #3@20   #3@20   #3@20
STIR.req                0.0479  0.0000  0.0479
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR      70                                                 70
C-CLEN      990     850                                       893
UCOL.W        0                                                  0
DCOL.W      -50                                              -25
DCOL.H      -70                                              -70


F.NO=-30-6 3F                  *3Fbb0"( 25* 70)                *3Fbb1"( 25* 70)                *3Fbb2"( 25* 70)
TOP.req                  3.72    5.27    8.69           15.03    6.24   13.34            8.21    3.93    7.04
TOP1          #6            3       3       3     #5        3       3       3     #6        3       3       3
TOP2          #6            0       0       3     #5        3       0       2     #5        2       0       2

BOT2          #6            0       0       0     #5        0       3       0     #5        0       0       0
BOT1          #6            3       3       3     #6        3       3       3     #6        3       3       3
BOT.req                  3.72    3.72    5.27            7.17    5.27    6.40             5.27    4.04    6.13

STIR                    #3@18   #3@18   #3@13           #4@15   #4@20   #4@15            #3@18   #3@20   #3@18
STIR.req                0.0762  0.0153  0.0762          0.1245  0.0921  0.1490           0.0765  0.0065  0.0765
WEB                        0#3                             0#3                              0#3
WEB.req                 0.00                            0.00                             0.00
LEVEL                   0.00                            0.00                             0.00    0.00
BM.H.LR       0                                                                                                  70
C-CLEN        0      410                                 990                              850                    893
UCOL.W        0                                0                   0                                           0
DCOL.W      -30                                              -50                 -50                            -25
DCOL.H      -70                                              -70                 -70                            -70


F.NO=-30-6 R1F                 *R1Fbb3"( 25* 70)
TOP.req                  5.76    2.83    6.55
TOP1          #8            3       3       3
TOP2          #6            0       0       0

BOT2          #6            0       0       0
BOT1          #6            3       3       3
BOT.req                  5.04    3.06    5.72

STIR                    #3@15   #3@20   #3@15
STIR.req                0.0554  0.0324  0.0820
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR       0                                                  0
C-CLEN        0      893                                       0
UCOL.W        0                                                  0
DCOL.W      -50                                              -50
DCOL.H      -70                                              -70


F.NO=-30-6 4F                  *4Fbb3"( 25* 70)
TOP.req                  8.63    3.69    5.27
TOP1          #8            3       3       3
TOP2          #8            2       0       0

BOT2          #6            0       0       0
BOT1          #8            3       3       3
BOT.req                  5.27    4.34    4.32

STIR                    #3@20   #3@20   #3@20
STIR.req                0.0680  0.0000  0.0683
WEB                        0#3
WEB.req                 0.00
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STIR.req		0.0757	0.0008	0.0757							
WEB		0#3									
WEB.req		0.00									
LEVEL		0.00	0.00								
BM.H.LR	0					0					
C-CLEN	0	385				0					
UCOL.W	0					0					
DCOL.W	-50					-30					
DCOL.H	-70					-50					

F.NO=XX-3 1F			"1Fb6"(40* 60)				"1Fb7"(40* 60)				
TOP.req		12.59	6.35	11.20		11.20	5.31	12.45			
TOP1	#6	5	3	4	#6	4	3	5			
TOP2	#6	9	0	0	#6	9	0	0			
BOT2	#6	0	0	0	#6	0	0	0			
BOT1	#6	3	3	3	#6	3	3	3			
BOT.req		7.10	7.28	7.10		7.10	7.30	7.10			
STIR		#3@12	#3@20	#3@12		#3@12	#3@20	#3@12			
STIR.req		0.0962	0.0000	0.0962		0.0961	0.0000	0.0961			
WEB		0#3				0#3					
WEB.req		0.00				0.00					
LEVEL		0.00				0.00	0.00				
BM.H.LR	0										60
C-CLEN	0	850				850					850
UCOL.W	0				0						0
DCOL.W	-50				-50						-50
DCOL.H	-70				-70						-70

F.NO=XX-3 B1F			"B1FFb8"(40*180)				"B1FFb7"(40*180)				
TOP.req		7.34	39.25	7.43		6.57	28.02	3.90			
TOP1	#7	3	5	3	#7	3	5	3			
TOP2	#7	0	3	0	#7	0	3	0			
BOT2	#7	4	0	3	#7	3	0	4			
BOT1	#7	5	3	5	#7	5	3	5			
BOT.req		31.71	0.00	28.47		28.25	0.00	34.61			
STIR		#4@12	#4@12	#4@12		#4@10	#4@10	#4@10			
STIR.req		0.2088	0.0000	0.1984		0.1822	0.0000	0.2149			
WEB		5#4				5#4					
WEB.req		0.00				0.00					
LEVEL		0.00				0.00	0.00				
BM.H.LR	0										180
C-CLEN	0	850				850					850
UCOL.W	0				0						0
DCOL.W	-50				-50						-50
DCOL.H	-180				-180						-180

F.NO=XX-3 R1F			"R1Fb8"(40* 60)				"R1Fb9"(40* 60)				
TOP.req		14.33	6.07	12.52		13.98	7.68	18.33			
TOP1	#6	6	3	5	#6	5	3	5			
TOP2	#6	9	0	0	#6	0	0	2			
BOT2	#6	0	0	0	#6	0	0	0			
BOT1	#6	3	3	3	#6	3	3	4			
BOT.req		7.10	8.42	7.10		7.10	8.42	8.79			
STIR		#3@12	#3@20	#3@12		#3@10	#3@20	#3@10			
STIR.req		0.1044	0.0917	0.1044		0.1308	0.0210	0.1300			
WEB		0#3				0#3					
WEB.req		0.00				0.00					
LEVEL		0.00				0.00	0.00				
BM.H.LR	60										0
C-CLEN	850	850				850					0
UCOL.W	0				0						0
DCOL.W	-50				-50						-50
DCOL.H	-70				-70						-70

F.NO=XX-3 4F			"4Fb8"(40* 60)				"4Fb9"(40* 60)				
TOP.req		21.31	8.81	15.40		15.32	8.98	21.75			
TOP1	#6	6	4	6	#5	6	4	6			
TOP2	#6	2	0	0	#5	0	0	2			
BOT2	#6	0	0	0	#6	0	0	0			
BOT1	#6	4	3	3	#6	3	3	4			
BOT.req		10.14	7.83	7.44		7.40	7.62	10.38			
STIR		#3@10	#3@20	#3@10		#4@15	#4@20	#4@15			
STIR.req		0.1399	0.0301	0.1389		0.1549	0.0304	0.1549			
WEB		0#3				0#3					
WEB.req		0.00				0.00					
LEVEL		0.00				0.00	0.00				
BM.H.LR	60										0
C-CLEN	850	850				850					0
UCOL.W	0				0						0
DCOL.W	-50				-50						-50
DCOL.H	-70				-70						-70

F.NO=XX-3 3F			"3Fb8"(40* 60)				"3Fb9"(40* 60)				
TOP.req		24.39	7.10	17.28		17.29	7.10	24.86			
TOP1	#6	6	3	5	#6	5	3	6			
TOP2	#6	3	0	2	#6	2	0	3			
BOT2	#6	0	0	0	#6	0	0	0			
BOT1	#6	5	4	3	#6	3	4	5			
BOT.req		11.47	8.97	8.31		8.31	8.76	11.71			
STIR		#4@15	#4@20	#4@15		#4@15	#4@20	#4@15			
STIR.req		0.1839	0.0481	0.1839		0.1651	0.0483	0.1851			
WEB		0#3				0#3					
WEB.req		0.00				0.00					
LEVEL		0.00				0.00	0.00				
BM.H.LR	60										0
C-CLEN	850	850				850					0
UCOL.W	0				0						0
DCOL.W	-50				-50						-50
DCOL.H	-70				-70						-70

F.NO=XX-3 2F			"2Fb8"(40* 60)				"2Fb9"(40* 60)				
TOP.req		23.82	7.10	17.44		17.52	7.10	24.41			
TOP1	#6	6	3	5	#6	5	3	6			
TOP2	#6	3	0	2	#6	2	0	3			
BOT2	#6	0	0	0	#6	0	0	0			
BOT1	#6	4	4	3	#6	3	4	5			
BOT.req		11.30	8.66	8.38		8.42	8.84	11.52			
STIR		#4@15	#4@20	#4@15		#4@15	#4@20	#4@15			
STIR.req		0.1641	0.0480	0.1641		0.1652	0.0482	0.1652			
WEB		0#3				0#3					
WEB.req		0.00				0.00					
LEVEL		0.00				0.00	0.00				
BM.H.LR	60										0
C-CLEN	850	850				850					0
UCOL.W	0				0						0
DCOL.W	-50				-50						-50
DCOL.H	-70				-70						-70

F.NO=XX-3 1F			"1Fb8"(40* 60)				"1Fb9"(40* 60)				
TOP.req		12.40	5.29	11.24		11.23	5.32	12.48			
TOP1	#6	5	3	4	#6	4	3	5			
TOP2	#6	0	0	0	#6	0	0	0			
BOT2	#6	0	0	0	#6	0	0	0			
BOT1	#6	3	3	3	#6	3	3	3			
BOT.req		7.10	7.30	7.10		7.10	7.29	7.10			
STIR		#3@12	#3@20	#3@12		#3@12	#3@20	#3@12			
STIR.req		0.0959	0.0000	0.0959		0.0961	0.0000	0.0961			
WEB		0#3				0#3					
WEB.req		0.00				0.00					
LEVEL		0.00				0.00	0.00				
BM.H.LR	60										0
C-CLEN	850	850				850					0
UCOL.W	0				0						0
DCOL.W	-50				-50						-50
DCOL.H	-70				-70						-70

F.NO=XX-3 B1F			"B1FFb8"(40*180)				"B1FFb9"(40*180)				"B1FFb10"(40*180)				
TOP.req		4.06	28.38	7.11		6.97	28.16	3.51		5.67	30.27	18.88			
TOP1	#7	3	5	3	#7	3	5	3	#7	3	5	5			
TOP2	#7	0	3	0	#7	0	3	0	#7	0	3	0			
BOT2	#7	4	0	3	#7	3	0	5	#7	5	0	3			
BOT1	#7	5	3	5	#7	5	3	5	#7	5	3	5			
BOT.req		34.89	0.00	27.87		27.83	0.00	34.80		34.97	0.00	30.27			
STIR		#4@10	#4@10	#4@10		#4@10	#4@10	#4@10		#4@10	#4@10	#4@10			
STIR.req		0.2157	0.0000	0.1915		0.1806	0.0000	0.2159		0.2222	0.0000	0.1598			
WEB		5#4				5#4				5#4					
WEB.req		0.00				0.00				0.00					
LEVEL		0.00				0.00				0.00	0.00				
BM.H.LR	180														0
C-CLEN	850	850				850				850					0
UCOL.W	0				0				0						0
DCOL.W	-50				-50				-50						-50
DCOL.H	-180				-180				-180						-180

F.NO=XX-4 R1F			"R1Fb25"(30* 70)				"R1FCb25"(30* 70)				
TOP.req		2.36	2.19	6.33		3.56	2.51	0.74			
TOP1	#6	3	3	3	#5	3	3	3			
TOP2	#5	0	0	0	#5	0	0	0			
BOT2	#6	0	0	0	#5	0	0	0			
BOT1	#5	3	3	3	#5	3	3	3			
BOT.req		4.24	7.04	6.21		1.77	1.16	0.56			
STIR		#3@20	#3@20	#3@20		#3@12	#3@12	#3@12			
STIR.req		0.0563	0.0000	0.0563		0.0750	0.0750	0.0750			
WEB		0#3				0#3					
WEB.req		0.00				0.00					
LEVEL		0.00				0.00	0.00				
BM.H.LR	0										0
C-CLEN	0	645				110					0
UCOL.W	0				0						0
DCOL.W	-30				-30						-25
DCOL.H	-70				-70						-70

F.NO=XX-5 2F			"2Fb24"(30* 70)				"2FCb24"(30* 70)				
TOP.req		5.06	7.98	11.80		6.33	7.75	1.39			
TOP1	#5	3	3	3	#6	3	3	3			
TOP2	#6	0	0	2	#6	2	2	2			
BOT2	#6	0	0	0	#6	0	0	0			
BOT1	#6	3	3	3	#6	3	3	3			
BOT.req		5.36	6.33	6.73		5.18	4.11	2.05			
STIR		#3@12	#3@12	#3@12		#3@12	#3@12	#3@12			
STIR.req		0.1169	0.0462	0.1163		0.0871	0.0298	0.0971			
WEB		0#3				0#3					
WEB.req		0.00				0.00					
LEVEL		0.00				0.00	0.00				
BM.H.LR	0										0
C-CLEN	0	352				100					0
UCOL.W	0				0						0
DCOL.W	-40				-50						-30
DCOL.H	-70				-70						-70

F.NO=XX-6 3F			"3Fb14"(40* 60)				"3Fb15"(30* 70)				
TOP.req		15.27	7.39	7.10		7.13	3.09	3.35			
TOP1	#6	6	3	3	#5	3	3	3			
TOP2	#6	0	0	0	#5	0	0	0			
BOT2	#6	0	0	0	#5	0	0	0			
BOT1	#6	3	3	3	#5	3	3	3			
BOT.req		7.84	7.10	6.85		6.23	6.33	7.15			

STIR		#3#10	#3#20	#3#10		#3#20	#3#20	#3#20									
STIR.req		0.1275	0.0420	0.1395		0.0533	0.0000	0.0533									
WEB		0#3				0#3											
WEB.req		0.00				0.00											
LEVEL		0.00				0.00	0.00										
BM.H.LR	0																0
C-CLEN	0	683				710											0
UCOL.W	0				0												0
DCOL.W	-40				-50												-36
DCOL.H	-80				-70												-70

F.NO=XX-8 2F		"2Fb15"(30* 70)															
TOP.req		9.87	6.32	4.23													
TOP1	#6	4	3	3													
TOP2	#6	0	0	0													
BOT2	#6	0	0	0													
BOT1	#6	3	3	3													
BOT.req		5.33	7.83	6.88													
STIR		#3#12	#3#20	#3#12													
STIR.req		0.1111	0.0275	0.1046													
WEB		0#3															
WEB.req		0.00															
LEVEL		0.00	0.00														
BM.H.LR	0					0											
C-CLEN	0	578				0											
UCOL.W	0					0											
DCOL.W	-50					-40											
DCOL.H	-70					-70											

F.NO=XX-7 R1F		"R1Fb14"(30* 70)				"R1Fb15"(30* 70)											
TOP.req		4.67	5.08	6.38		6.33	2.42	2.42									
TOP1	#6	3	3	3	#6	3	3	3									
TOP2	#6	0	0	0	#6	0	0	0									
BOT2	#6	0	0	0	#6	0	0	0									
BOT1	#6	3	3	3	#6	3	3	3									
BOT.req		2.11	2.64	4.73		4.87	5.33	6.35									
STIR		#3#12	#3#12	#3#12		#3#20	#3#20	#3#20									
STIR.req		0.0842	0.0192	0.0902		0.0475	0.0000	0.0475									
WEB		0#3				0#3											
WEB.req		0.00				0.00											
LEVEL		0.00				0.00	0.00										
BM.H.LR	0																0
C-CLEN	0	275				710											0
UCOL.W	0				0												0
DCOL.W	-50				-50												-30
DCOL.H	-70				-70												-70

F.NO=XX-7 4F		"4Fb15"(30* 70)															
TOP.req		8.81	5.86	3.78													
TOP1	#6	4	3	3													
TOP2	#6	0	0	0													
BOT2	#6	0	0	0													
BOT1	#6	3	3	3													
BOT.req		7.66	6.82	6.54													
STIR		#3#12	#3#20	#3#12													
STIR.req		0.1004	0.0174	0.0931													
WEB		0#3															
WEB.req		0.00															
LEVEL		0.00	0.00														
BM.H.LR	0					0											
C-CLEN	0	578				0											
UCOL.W	0					0											
DCOL.W	-50					-40											
DCOL.H	-70					-70											

F.NO=XX-8 R1F		"R1Fb16"(40* 60)				"R1Fb17"(40* 60)											
TOP.req		10.41	6.74	16.00		14.75	8.24	14.61									
TOP1	#6	4	3	6	#6	6	3	6									
TOP2	#6	0	0	0	#6	0	0	0									
BOT2	#6	0	0	0	#6	0	0	0									
BOT1	#6	3	4	3	#6	3	3	3									
BOT.req		7.10	10.11	7.71		7.13	8.56	7.10									
STIR		#3#12	#3#20	#3#12		#3#12	#3#20	#3#12									
STIR.req		0.1120	0.0084	0.1120		0.1098	0.0062	0.1098									
WEB		0#3				0#3											
WEB.req		0.00				0.00											
LEVEL		0.00				0.00	0.00										
BM.H.LR	0																60
C-CLEN	0	850				850											850
UCOL.W	0				0												0
DCOL.W	-50				-50												-50
DCOL.H	-70				-70												-70

F.NO=XX-8 4F		"4Fb16A"(40* 60)				"4Fb16"(40* 60)				"4Fb17"(40* 60)			
TOP.req		6.80	8.38	16.36		16.95	7.16	17.04		17.04	7.40	17.65	
TOP1	#6	3	3	6	#6	6	3	6	#6	6	3	5	
TOP2	#6	0	0	0	#6	0	0	0	#6	0	0	2	
BOT2	#6	0	0	0	#6	0	0	0	#6	0	0	0	
BOT1	#6	3	3	3	#6	3	4	3	#6	3	4	3	
BOT.req		7.10	6.90	7.90		8.15	11.19	8.20		8.20	11.09	8.48	
STIR		#4#10	#4#10	#4#10		#3#10	#3#20	#3#10		#3#10	#3#20	#3#10	
STIR.req		0.2127	0.1073	0.2111		0.1230	0.0158	0.1200		0.1395	0.0285	0.1385	
WEB		0#3				0#3				0#3			
WEB.req		0.00				0.00				0.00			
LEVEL		0.00				0.00				0.00	0.00		
BM.H.LR	0												60
C-CLEN	0	332				850				850			850
UCOL.W	0				0				0				0
DCOL.W	-40				-50				-50				-50
DCOL.H	-70				-70				-70				-70

F.NO=XX-8 3F		"3Fb16"(40* 60)				"3Fb17"(40* 60)											
TOP.req		12.78	7.48	17.86		17.92	7.64	18.92									
TOP1	#6	5	3	5	#6	5	3	5									
TOP2	#6	0	0	2	#6	2	0	2									
BOT2	#6	0	0	0	#6	0	0	0									
BOT1	#6	3	4	4	#6	4	4	4									
BOT.req		7.49	8.81	8.57		8.60	11.14	9.00									
STIR		#3#10	#3#20	#3#10		#4#15	#4#20	#4#15									
STIR.req		0.1251	0.0194	0.1286		0.1441	0.0328	0.1441									
WEB		0#3				0#3											
WEB.req		0.00				0.00											
LEVEL		0.00				0.00	0.00										
BM.H.LR	0																60
C-CLEN	0	850				850											850
UCOL.W	0				0												0
DCOL.W	-50				-50												-50
DCOL.H	-70				-70												-70

F.NO=XX-8 2F		"2Fb15A"(40* 60)				"2Fb16"(40* 60)				"2Fb17"(40* 60)			
TOP.req		7.25	9.01	17.28		18.15	7.74	18.52		18.33	7.81	18.72	
TOP1	#6	4	4	5	#6	5	3	5	#6	5	3	5	
TOP2	#6	0	0	2	#6	2	0	2	#6	2	0	2	
BOT2	#6	0	0	0	#6	0	0	0	#6	0	0	0	
BOT1	#6	3	3	4	#6	4	4	4	#6	4	4	4	
BOT.req		7.10	7.25	8.31		8.71	11.34	8.87		8.79	11.18	8.97	
STIR		#4#10	#4#10	#4#10		#4#15	#4#20	#4#15		#4#15	#4#20	#4#15	
STIR.req		0.2169	0.1133	0.2174		0.1445	0.0329	0.1445		0.1452	0.0336	0.1452	
WEB		0#3				0#3				0#3			
WEB.req		0.00				0.00				0.00			
LEVEL		0.00				0.00				0.00	0.00		
BM.H.LR	0												60
C-CLEN	0	332				850				850			850
UCOL.W	0				0				0				0
DCOL.W	-40				-50				-50				-50
DCOL.H	-70				-70				-70				-70

F.NO=XX-8 R1F		"R1Fb18"(40* 60)				"R1Fb19"(40* 60)				"R1Fb20"(40* 60)			
TOP.req		14.75	6.25	13.97		13.73	6.51	15.41		18.32	6.87	8.97	
TOP1	#6	5	3	5	#6	5	3	6	#6	6	3	4	
TOP2	#6	0	0	0	#6	0	0	0	#6	0	0	0	
BOT2	#6	0	0	0	#6	0	0	0	#6	0	0	0	
BOT1	#6	3	4	3	#6	3	3	3	#6	3	4	3	
BOT.req		7.14	8.80	7.10		7.10	8.59	7.44		7.86	9.47	7.10	
STIR		#3#12	#3#20	#3#12		#3#12	#3#20	#3#12		#3#12	#3#20	#3#12	
STIR.req		0.1098	0.0062	0.1093		0.1114	0.0078	0.1114		0.1103	0.0067	0.1103	
WEB		0#3				0#3				0#3			
WEB.req		0.00				0.00				0.00			
LEVEL		0.00				0.00				0.00	0.00		
BM.H.LR	60												0
C-CLEN	850	850				850				850			0
UCOL.W	0				0				0				0
DCOL.W	-50				-50				-50				-50
DCOL.H	-70				-70				-70				-70

F.NO=XX-8 4F		"4Fb18"(40* 60)				"4Fb19"(40* 60)											
TOP.req		17.23	7.34	17.51		19.53	8.13	13.31									
TOP1	#6	5	3	5	#6	5	3	5									
TOP2	#6	2	0	2	#6	2	0	0									
BOT2	#6	0	0	0	#6	0	0	0									
BOT1	#6	3	4	4	#6	4	5	3									
BOT.req		8.28	10.89	8.41		9.33	12.58	7.56									
STIR		#3#10	#3#20	#3#10		#3#10	#3#20	#3#10									
STIR.req		0.1394	0.0284	0.1394		0.1410	0.0299	0.1410									
WEB		0#3				0#3											
WEB.req		0.00				0.00											
LEVEL		0.00				0.00	0.00										
BM.H.LR	60																0
C-CLEN	850	850				850											0
UCOL.W	0				0												0
DCOL.W	-50				-50												-50
DCOL.H	-70				-70												-70

F.NO=XX-8 4F		"4Fb24"(30* 70)				"4FCb24"(30* 70)											
TOP.req		3.40	3.48	7.86		6.83	5.11	1.56									
TOP1	#6	3	3	3	#6	3	3	3									
TOP2	#6	0	0	0	#6	0	0	0									
BOT2	#6	0	0	0	#6	0	0	0									
BOT1	#6	3	3	3	#6	3	3	3									
BOT.req		5.33	6.33	8.05		3.39	1.86	0.83									
STIR		#3#20	#3#20	#3#20		#3#12	#3#12	#3#12									
STIR.req		0.0644	0.0000	0.0644		0.0836	0.0153	0.0836									
WEB		0#3				0#3											
WEB.req		0.00				0.00											
LEVEL		0.00				0.00	0.00										
BM.H.LR	0																0
C-CLEN	0	660				190											0
UCOL.W	0				0												0
DCOL.W	-30				-50												-30
DCOL.H	-70				-70												-70

F.NO=XX-8 3F		"3Fb18"(40* 60)				"3Fb19"(40* 60)				"3Fb20"(40* 60)			
TOP.req		18.98	7.88	18.19		17.45	8.19	19.68		22.33	6.90	14.82	
TOP1	#6	5	3	5	#6	5	3	6	#6	6	3	6	
TOP2	#6	2	0	2	#6	2	0	2	#6	2	0	0	
BOT2	#6	0	0	0	#6	0	0	0	#6	0	0	0	
BOT1	#6	4	4	4	#6	4	4	4	#6	4	6	4	
BOT.req		9.04	11.17	8.69		8.38	11.00	9.40		10.60	14.88	9.21	

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BOT.req                4.05    3.27    4.11          4.19    3.32    4.18          3.89    3.23    4.05

STIR                #3@20   #3@20   #3@20         #3@20   #3@20   #3@20         #3@20   #3@20   #3@20
STIR.req            0.0446  0.0000  0.0446        0.0448  0.0000  0.0446        0.0445  0.0000  0.0445
WEB                    0#3                           0#3                           0#3
WEB.req             0.00                          0.00                          0.00
LEVEL               0.00                          0.00                          0.00    0.00
BM.H.LR     70                                            0                                     70
C-CLEN     850      850                           850                           850                 850
UCOL.W       0                                   0                                             0
DCOL.W     -50                           -50                           -50                       -50
DCOL.H     -70                           -70                           -70                       -70

F.NO=XX-11 4F                "4Fbb10"( 25* 70)             "4Fbb11"( 25* 70)             "4Fbb12"( 25* 70)             "4Fbb13"( 25* 70)
TOP.req             7.61    3.67    5.56          8.18    3.51    8.13          9.89    4.13    9.38          5.27    5.59    2.65
TOP1       #6          3       3       3     #6      3       3       3     #6      3       3       3     #6      3       3       3
TOP2       #6          0       0       0     #6      0       0       2     #6      2       0       2     #6      2       2       2

BOT2       #6          0       0       0     #6      0       0       0     #6      0       0       0     #6      0       0       0
BOT1       #6          3       3       3     #6      3       3       3     #6      3       3       3     #6      3       3       3
BOT.req             6.61    5.90    5.27          5.27    5.81    5.27          5.27    6.15    5.27          3.80    2.78    1.39

STIR                #3@20   #3@20   #3@20         #3@20   #3@20   #3@20         #3@15   #3@20   #3@18         #3@12   #3@12   #3@12
STIR.req            0.0692  0.0623  0.0692        0.0691  0.0022  0.0691        0.0730  0.0060  0.0730        0.0889  0.0326  0.0889
WEB                    0#3                           0#3                           0#3                           0#3
WEB.req             0.00                          0.00                          0.00                          0.00
LEVEL               0.00                          0.00                          0.00                          0.00    0.00
BM.H.LR     70                                                                                                                    0
C-CLEN     850      850                           850                           850                 190                       0
UCOL.W       0                                   0                                             0                             0
DCOL.W     -50                           -50                           -50                       -50                       -39
DCOL.H     -70                           -70                           -70                       -70                       -70

F.NO=XX-11 R1F               "R1Fbb13"( 25* 70)            "R1Fbb14"( 25* 70)
TOP.req             5.27    2.20    5.27          2.59    1.85    0.68
TOP1       #6          3       3       3     #6      3       3       3
TOP2       #6          0       0       0     #6      0       0       0

BOT2       #6          0       0       0     #6      0       0       0
BOT1       #6          3       3       3     #6      3       3       3
BOT.req             4.43    5.34    4.95          1.28    0.80    0.45

STIR                #3@20   #3@20   #3@20         #3@12   #3@12   #3@12
STIR.req            0.0453  0.0000  0.0453        0.0625  0.0625  0.0625
WEB                    0#3                           0#3
WEB.req             0.00                          0.00    0.00
LEVEL               0.00                          0.00    0.00
BM.H.LR     70                                                                                0
C-CLEN     850      850                           110                                       0
UCOL.W       0                                   0                                         0
DCOL.W     -50                           -50                                             -25
DCOL.H     -70                           -70                                             -70

F.NO=18-1 4F                 "4Fg3"( 30* 70)               "4Fbb0"( 25* 70)
TOP.req             4.34    7.39   10.14          6.14    6.26    5.27
TOP1       #6          3       3       4     #6      3       3       3
TOP2       #6          0       0       0     #6      0       0       0

BOT2       #6          0       0       0     #6      0       0       0
BOT1       #6          3       3       3     #6      3       3       3
BOT.req             5.14    4.34    6.33          5.35    2.66    4.24

STIR                #3@12   #3@12   #3@12         #3@12   #3@12   #3@12
STIR.req            0.1072  0.0372  0.1138        0.1121  0.0568  0.1120
WEB                    0#3                           0#3
WEB.req             0.00                          0.00
LEVEL               0.00                          0.00    0.00
BM.H.LR     0                                                                                 0
C-CLEN      0      402                           214                                       0
UCOL.W      0                                   0                                         0
DCOL.W     -30                           -50                                             -25
DCOL.H     -70                           -70                                             -70

F.NO=39-1 3F                 "3Fbb9"( 25* 70)
TOP.req             9.66    3.69    8.40
TOP1       #6          3       3       3
TOP2       #6          2       0       0

BOT2       #6          0       0       0
BOT1       #6          3       3       3
BOT.req             5.27    5.35    5.27

STIR                #3@10   #3@18   #3@10
STIR.req            0.1334  0.0762  0.0840
WEB                    0#3
WEB.req             0.00
LEVEL               0.00    0.00
BM.H.LR     0                                   0
C-CLEN      0      532                           0
UCOL.W      0                                   0
DCOL.W     -50                                 -25
DCOL.H     -70                                 -70

F.NO=18-1 2F                 "2Fg3"( 30* 70)               "2Fbb0"( 25* 70)
TOP.req             5.21    6.33   12.26          7.39    6.40    6.20
TOP1       #6          3       3       3     #6      3       3       3
TOP2       #3          0       0       2     #6      2       0       0

BOT2       #6          0       0       0     #6      0       0       0
BOT1       #6          3       3       3     #6      3       3       3
BOT.req             5.21    6.42    6.33          6.42    3.18    5.92

STIR                #3@10   #3@10   #3@10         #3@10   #3@10   #3@10
STIR.req            0.1184  0.0485  0.1250        0.1381  0.0639  0.1390
WEB                    0#3                           0#3
WEB.req             0.00                          0.00
LEVEL               0.00                          0.00    0.00
BM.H.LR     0                                                                                 0
C-CLEN      0      402                           214                                       0
UCOL.W      0                                   0                                         0
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DCOL.W     -30                           -50                                             -25
DCOL.H     -70                           -70                                             -70

F.NO=18-1 1F                 "1Fg3"( 30* 70)
TOP.req             2.28    2.28    8.33
TOP1       #6          3       3       3
TOP2       #6          0       0       0

BOT2       #6          0       0       0
BOT1       #6          3       3       3
BOT.req             4.83    2.47    4.58

STIR                #3@15   #3@15   #3@15
STIR.req            0.0830  0.0133  0.0888
WEB                    0#3
WEB.req             0.00
LEVEL               0.00    0.00
BM.H.LR     0                                   0
C-CLEN      0      402                           0
UCOL.W      0                                   0
DCOL.W     -30                                 -50
DCOL.H     -70                                 -70

F.NO=53-1 4F                 "4Fbb15A"( 40* 70)
TOP.req             9.84    4.58   10.56
TOP1       #6          4       3       4
TOP2       #6          0       0       0

BOT2       #6          0       0       0
BOT1       #6          4       4       4
BOT.req             8.22   10.04    9.21

STIR                #3@18   #3@20   #3@18
STIR.req            0.0734  0.0000  0.0652
WEB                    0#3
WEB.req             0.00
LEVEL               0.00    0.00
BM.H.LR     0                                   0
C-CLEN      0      935                           0
UCOL.W      0                                   0
DCOL.W     -30                                 -25
DCOL.H     -50                                 -70

F.NO=60-1 R1F                "R1Fg1"( 30* 70)              "R1Fg2"( 30* 70)              "R1Fg3"( 30* 70)
TOP.req             4.27    2.00    6.43          6.33    3.77    2.71          0.74    0.44    0.45
TOP1       #6          3       3       3     #6      3       3       3     #6      3       3       3
TOP2       #6          0       0       0     #6      0       0       0     #6      0       0       0

BOT2       #6          0       0       0     #6      0       0       0     #6      0       0       0
BOT1       #6          3       3       3     #6      3       3       3     #6      3       3       3
BOT.req             2.13    2.29    3.19          5.45    5.69    3.45          0.73    0.49    0.25

STIR                #3@20   #3@20   #3@20         #3@20   #3@20   #3@20         #3@12   #3@12   #3@12
STIR.req            0.0593  0.0000  0.0593        0.0612  0.0000  0.0612        0.0750  0.0750  0.0750
WEB                    0#3                           0#3                           0#3
WEB.req             0.00                          0.00                          0.00
LEVEL               0.00                          0.00                          0.00    0.00
BM.H.LR     0                                                                                 0
C-CLEN      0      515                           600                           190             0
UCOL.W      0                                   0                                 0           0
DCOL.W     -50                           -50                                 -50             -25
DCOL.H     -70                           -70                                 -70             -70

F.NO=60-2 R1F                "R1Fg4"( 30* 70)
TOP.req             3.28    6.33   11.45
TOP1       #6          3       3       3
TOP2       #6          0       0       0

BOT2       #6          0       0       0
BOT1       #6          3       3       3
BOT.req             6.33    4.88    6.33

STIR                #5@12   #5@12   #5@12
STIR.req            0.2302  0.2291  0.2951
WEB                    2#4
WEB.req             0.00
LEVEL               0.00    0.00
BM.H.LR     0                                   0
C-CLEN      0      150                           0
UCOL.W      0                                   0
DCOL.W     -50                                 -50
DCOL.H     -70                                 -70

F.NO=53-1 2F                 "2Fb15A"( 40* 70)
TOP.req             9.70    4.48   10.37
TOP1       #6          4       3       4
TOP2       #6          0       0       0

BOT2       #6          0       0       0
BOT1       #6          4       4       4
BOT.req             7.71   10.46    9.04

STIR                #3@20   #3@20   #3@20
STIR.req            0.0639  0.0000  0.0563
WEB                    0#3
WEB.req             0.00
LEVEL               0.00    0.00
BM.H.LR     0                                   0
C-CLEN      0      935                           0
UCOL.W      0                                   0
DCOL.W     -30                                 -25
DCOL.H     -50                                 -70

F.NO=60-1 4F                 "4Fg1"( 30* 70)               "4Fg2"( 30* 70)
TOP.req             5.43    3.68    6.33          6.68    5.95    2.90
TOP1       #6          3       3       3     #6      3       3       3
TOP2       #6          0       0       0     #6      0       0       0

BOT2       #6          0       0       0     #6      0       0       0
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```
BOT2          #6          0          0          0
BOT1          #6          3          3          3
BOT.req                3.10       5.30       3.11

STIR                  #3@20      #3@20      #3@20
STIR.req               0.0577     0.0000     0.0377
WEB                       0#3
WEB.req                0.00
LEVEL                  0.00       0.00
BM.H.LR       0                                          0
C-CLEN        0          525                             0
UCOL.W        0                                          0
DCOL.W      -40                                        -40
DCOL.H      -60                                        -60


F.NO=YY-4 4F                        "4Fbb6"( 25* 70)                        "4Fbb7"( 25* 70)
TOP.req                2.60       6.12       6.00                4.51       2.24       0.80
TOP1          #6          3          3          3          #6          3          3          3
TOP2          #6          0          0          0          #6          0          0          0

BOT2          #6          0          0          0          #6          0          0          0
BOT1          #6          3          3          3          #6          3          3          3
BOT.req                3.16       3.84       5.24                2.39       1.12       0.56

STIR                  #3@18      #3@18      #3@18               *3@12      #3@12      #3@12
STIR.req               0.0735     0.0127     0.0735               0.0935     0.0374     0.0933
WEB                       0#3                                         0#8
WEB.req                0.00                                        0.00
LEVEL                  0.00                                        0.00       0.00
BM.H.LR       0                                                                           0
C-CLEN        0          360                                        100                   0
UCOL.W        0                                          0                                0
DCOL.W      -30                                        -50                              -25
DCOL.H      -70                                        -70                              -70


F.NO=61-1 2F                        "2Fg5"( 30* 50)
TOP.req                5.21       2.81       4.86
TOP1          #6          3          3          2
TOP2          #6          0          0          0

BOT2          #6          0          0          0
BOT1          #6          3          3          3
BOT.req                5.38       4.32       4.25

STIR                  #3@15      #3@20      #3@15
STIR.req               0.0837     0.0000     0.0826
WEB                       0#3
WEB.req                0.00
LEVEL                  0.00       0.00
BM.H.LR       0                                          0
C-CLEN        0          383                             0
UCOL.W        0                                          0
DCOL.W      -50                                        -40
DCOL.H      -70                                        -60


F.NO=YY-1 4F                        "4Fg6"( 30* 50)
TOP.req                4.90       2.18       4.32
TOP1          #6          3          3          3
TOP2          #6          0          0          0

BOT2          #6          0          0          0
BOT1          #6          3          3          3
BOT.req                4.36       4.32       3.35

STIR                  #3@15      #3@20      #3@15
STIR.req               0.0830     0.0103     0.0739
WEB                       0#3
WEB.req                0.00
LEVEL                  0.00       0.00
BM.H.LR       0                                          0
C-CLEN        0          421                             0
UCOL.W        0                                          0
DCOL.W      -50                                        -50
DCOL.H      -70                                        -70


F.NO=YY-4 2F                        "2Fbb6"( 25* 70)                        "2Fbb7"( 25* 70)
TOP.req                3.98       6.02       8.33                5.27       4.35       0.99
TOP1          #6          3          3          3          #6          3          3          3
TOP2          #6          0          0          2          #6          2          2          2

BOT2          #6          0          0          0          #6          0          0          0
BOT1          #6          3          3          3          #6          3          3          3
BOT.req                3.98       6.21       5.27                5.59       2.43       1.21

STIR                  #3@15      #3@15      #3@15               #3@10      #3@10      #3@10
STIR.req               0.0949     0.0341     0.0948               0.1395     0.0835     0.1394
WEB                       0#3                                         0#3
WEB.req                0.00                                        0.00
LEVEL                  0.00                                        0.00       0.00
BM.H.LR       0                                                                           0
C-CLEN        0          360                                        100                   0
UCOL.W        0                                          0                                0
DCOL.W      -30                                        -50                              -25
DCOL.H      -70                                        -70                              -70


F.NO=61-1 1F                        "1Fg5"( 30* 50)
TOP.req                4.46       1.84       4.32
TOP1          #8          3          3          3
TOP2          #6          0          0          0

BOT2          #8          0          0          0
BOT1          #5          3          3          3
BOT.req                3.90       4.79       3.47

STIR                  #3@20      #3@20      #3@20
STIR.req               0.0816     0.0000     0.0855
WEB                       0#3
WEB.req                0.00
LEVEL                  0.00       0.00
BM.H.LR       0                                          0
```



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C-CLEN        0          383                             0
UCOL.W        0                                          0
DCOL.W      -50                                        -40
DCOL.H      -70                                        -60


F.NO=YY-1 3F                        "3Fg6"( 30* 50)
TOP.req                5.68       2.45       4.32
TOP1          #6          3          3          3
TOP2          #6          0          0          0

BOT2          #6          0          0          0
BOT1          #6          3          3          3
BOT.req                5.23       4.32       3.70

STIR                  #3@15      #3@20      #3@15
STIR.req               0.0858     0.0140     0.0775
WEB                       0#3
WEB.req                0.00
LEVEL                  0.00       0.00
BM.H.LR       0                                          0
C-CLEN        0          421                             0
UCOL.W        0                                          0
DCOL.W      -50                                        -50
DCOL.H      -70                                        -70


F.NO=YY-1 2F                        "2Fg6"( 30* 50)
TOP.req                5.68       2.45       4.32
TOP1          #6          3          3          3
TOP2          #6          0          0          0

BOT2          #6          0          0          0
BOT1          #6          3          3          3
BOT.req                5.01       4.32       3.63

STIR                  #3@15      #3@20      #3@15
STIR.req               0.0865     0.0137     0.0772
WEB                       0#3
WEB.req                0.00
LEVEL                  0.00       0.00
BM.H.LR       0                                          0
C-CLEN        0          421                             0
UCOL.W        0                                          0
DCOL.W      -50                                        -50
DCOL.H      -70                                        -70


F.NO=YY-1 1F                        "1Fg6"( 30* 50)
TOP.req                7.45       3.18       3.18
TOP1          #6          3          3          3
TOP2          #8          0          0          0

BOT2          #6          0          0          0
BOT1          #8          3          3          3
BOT.req                4.32       4.44       4.15

STIR                  #3@12      #3@20      #3@12
STIR.req               0.1083     0.0320     0.0855
WEB                       0#3
WEB.req                0.00
LEVEL                  0.00       0.00
BM.H.LR       0                                          0
C-CLEN        0          421                             0
UCOL.W        0                                          0
DCOL.W      -50                                        -50
DCOL.H      -70                                        -70


F.NO=YY-5 R1F                       "R1Fg6"( 30* 50)
TOP.req                6.48       2.78       6.20
TOP1          #6          3          3          3
TOP2          #6          0          0          0

BOT2          #6          0          0          0
BOT1          #6          3          4          3
BOT.req                4.38       8.75       5.39

STIR                  #3@15      #3@20      #3@15
STIR.req               0.0847     0.0025     0.0844
WEB                       0#3
WEB.req                0.00
LEVEL                  0.00       0.00
BM.H.LR       0                                          0
C-CLEN        0          525                             0
UCOL.W        0                                          0
DCOL.W      -50                                        -50
DCOL.H      -70                                        -70


F.NO=YY-6 PF                        "PFg6"( 30* 50)
TOP.req                4.32       1.80       4.32
TOP1          #5          3          3          3
TOP2          #6          0          0          0

BOT2          #8          0          0          0
BOT1          #5          3          3          3
BOT.req                4.57       7.81       4.49

STIR                  #3@20      #3@20      #3@20
STIR.req               0.0569     0.0000     0.0589
WEB                       0#3
WEB.req                0.00
LEVEL                  0.00       0.00
BM.H.LR       0                                          0
C-CLEN        0          525                             0
UCOL.W        0                                          0
DCOL.W      -40                                        -40
DCOL.H      -60                                        -60


F.NO=YY-7 R1F                       "R1Fg10"( 30* 70)                       "R1FCg10"( 30* 70)
TOP.req                8.32       2.99       8.35                3.39       2.49       1.10
TOP1          #6          3          3          3          #5          3          3          3
TOP2          #6          0          0          0          #5          0          0          0
```

BOT2	#6	0	0	0	#6	0	0	0	
BOT1	#6	3	3	3	#6	3	3	3	
BOT.req		8.90	6.50	5.25		1.66	0.83	0.55	
STIR		#3@18	#3@20	#3@18		#3@12	#3@12	#3@12	
STIR.req		0.0725	0.0000	0.0661		0.0750	0.0750	0.0750	
WEB		G#3				G#3			
WEB.req		0.00				0.00			
LEVEL		0.00				0.00	0.00		
BM.H.LR	0								0
C-CLEN	0	615				130			0
UCOL.W	0				0				0
DCOL.W	-50				-50				-25
DCOL.H	-70				-70				-70

F.NO=YY-9 3F			'3Fg1"(40* 70)			'3Fg2"(40* 70)		
TOP.req		4.94	8.44	11.46		8.44	7.75	3.65
TOP1	#6	4	4	4	#6	4	4	4
TOP2	#6	0	0	0	#6	0	0	0
BOT2	#6	0	0	0	#6	0	0	0
BOT1	#6	4	4	4	#6	4	4	4
BOT.req		4.94	4.94	9.97		7.36	3.65	3.65
STIR		#4@12	#4@12	#4@12		#3@10	#3@10	#3@10
STIR.req		0.1524	0.0525	0.1524		0.1293	0.0159	0.1207
WEB		2#4				2#4		
WEB.req		0.00				0.00		
LEVEL		0.00				0.00	0.00	
BM.H.LR	0								0
C-CLEN	0	385				243			0
UCOL.W	0				0				0
DCOL.W	-40				-50				-25
DCOL.H	-80				-70				-70

F.NO=YY-5 4F			"4Fg3"(30* 50)		
TOP.req		8.58	2.82	6.19	
TOP1	#6	3	3	3	
TOP2	#6	0	0	0	
BOT2	#6	0	0	0	
BOT1	#6	3	3	3	
BOT.req		4.28	7.80	5.38	
STIR		#3@15	#3@20	#3@15	
STIR.req		0.0857	0.0103	0.0854	
WEB		G#3			
WEB.req		0.00			
LEVEL		0.00	0.00		
BM.H.LR	0				0
C-CLEN	0	525			0
UCOL.W	0				0
DCOL.W	-50				-40
DCOL.H	-70				-70

F.NO=YY-6 B1F			"B1PFg1"(30*180)		
TOP.req		5.74	12.53	2.95	
TOP1	#7	3	4	3	
TOP2	#7	0	0	0	
BOT2	#7	0	0	0	
BOT1	#7	3	3	3	
BOT.req		0.22	0.00	3.67	
STIR		#3@18	#3@18	#3@18	
STIR.req		0.0750	0.0750	0.0750	
WEB		S#4			
WEB.req		0.00			
LEVEL		0.00	0.00		
BM.H.LR	0				0
C-CLEN	0	360			0
UCOL.W	0				0
DCOL.W	-40				-50
DCOL.H	-180				-180

F.NO=YY-7 3F			"3Fg10"(30* 70)			"3FCg10"(30* 70)		
TOP.req		7.22	3.46	8.00		4.44	3.33	1.64
TOP1	#6	3	3	3	#6	3	3	3
TOP2	#6	0	0	0	#6	0	0	0
BOT2	#6	0	0	0	#6	0	0	0
BOT1	#6	3	3	3	#6	3	3	3
BOT.req		8.00	7.57	6.98		2.21	1.10	0.82
STIR		#3@15	#3@20	#3@15		#3@12	#3@12	#3@12
STIR.req		0.0941	0.0140	0.0852		0.0806	0.0137	0.0806
WEB		G#3				G#3		
WEB.req		0.00				0.00		
LEVEL		0.00				0.00	0.00	
BM.H.LR	0								0
C-CLEN	0	515				130			0
UCOL.W	0				0				0
DCOL.W	-50				-50				-25
DCOL.H	-70				-70				-70

F.NO=YY-5 3F			"3Fg3"(30* 50)		
TOP.req		7.17	3.07	6.27	
TOP1	#6	3	3	3	
TOP2	#6	0	0	0	
BOT2	#6	0	0	0	
BOT1	#6	3	3	3	
BOT.req		4.32	8.01	5.45	
STIR		#3@15	#3@20	#3@15	
STIR.req		0.0888	0.0132	0.0885	
WEB		G#3			
WEB.req		0.00			
LEVEL		0.00	0.00		

BM.H.LR	0				0
C-CLEN	0	525			0
UCOL.W	0				0
DCOL.W	-50				-50
DCOL.H	-70				-70

F.NO=YY-5 2F			"2Fg3"(30* 50)		
TOP.req		7.14	3.05	6.34	
TOP1	#6	3	3	3	
TOP2	#6	0	0	0	
BOT2	#6	0	0	0	
BOT1	#6	3	3	3	
BOT.req		4.32	7.94	4.13	
STIR		#3@15	#3@20	#3@15	
STIR.req		0.0891	0.0135	0.0888	
WEB		G#3			
WEB.req		0.00			
LEVEL		0.00	0.00		
BM.H.LR	0				0
C-CLEN	0	525			0
UCOL.W	0				0
DCOL.W	-50				-40
DCOL.H	-70				-70

F.NO=YY-5 1F			"1Fg3"(30* 50)		
TOP.req		11.44	4.78	4.78	
TOP1	#6	4	3	4	
TOP2	#6	0	0	0	
BOT2	#6	0	0	0	
BOT1	#6	3	3	3	
BOT.req		5.46	6.85	5.02	
STIR		#3@12	#3@20	#3@12	
STIR.req		0.1075	0.0254	0.1063	
WEB		G#3			
WEB.req		0.00			
LEVEL		0.00	0.00		
BM.H.LR	0				0
C-CLEN	0	525			0
UCOL.W	0				0
DCOL.W	-50				-50
DCOL.H	-70				-70

F.NO=YY-14 R1F			"R1Fg14"(30* 70)		
TOP.req		4.46	1.11	3.88	
TOP1	#6	3	3	3	
TOP2	#6	0	0	0	
BOT2	#6	0	0	0	
BOT1	#6	3	3	3	
BOT.req		3.82	7.64	4.53	
STIR		#3@20	#3@20	#3@20	
STIR.req		0.0377	0.0000	0.0377	
WEB		G#3			
WEB.req		0.00			
LEVEL		0.00	0.00		
BM.H.LR	0				0
C-CLEN	0	525			0
UCOL.W	0				0
DCOL.W	-50				-50
DCOL.H	-70				-70

F.NO=YY-15 4F			"4Fg9"(30* 50)		
TOP.req		5.71	3.03	7.09	
TOP1	#6	3	3	3	
TOP2	#6	0	0	0	
BOT2	#6	0	0	0	
BOT1	#6	3	3	3	
BOT.req		5.10	7.83	4.32	
STIR		#3@12	#3@20	#3@12	
STIR.req		0.0967	0.0166	0.0967	
WEB		G#3			
WEB.req		0.00			
LEVEL		0.00	0.00		
BM.H.LR	0				0
C-CLEN	0	525			0
UCOL.W	0				0
DCOL.W	-50				-50
DCOL.H	-70				-70

F.NO=YY-14 4F			"4Fg12"(30* 70)			"4FCg12"(30* 70)		
TOP.req		8.94	3.85	8.95		5.58	4.01	1.41
TOP1	#6	4	3	4	#6	4	4	4
TOP2	#6	0	0	0	#6	0	0	0
BOT2	#6	0	0	0	#6	0	0	0
BOT1	#6	3	3	3	#6	3	3	3
BOT.req		7.78	6.33	7.78		3.14	2.30	1.15
STIR		#3@12	#3@20	#3@12		#3@12	#3@12	#3@12
STIR.req		0.1116	0.0264	0.1025		0.0949	0.0280	0.0949
WEB		G#3				G#3		
WEB.req		0.00				0.00		
LEVEL		0.00				0.00	0.00	
BM.H.LR	0								0
C-CLEN	0	515				130			0
UCOL.W	0				0				0
DCOL.W	-50				-50				-25
DCOL.H	-70				-70				-70

F.NO=YY-15 3F			"3Fg9"(30* 50)		
TOP.req		6.88	2.95	6.91	
TOP1	#6	3	3	3	

```
TOP2          #8          0          0          0

BOT2          #6          0          0          0
BOT1          #6          3          3          3
BOT.req                4.32       8.10       4.24

ST1R                  #3@12      #3@20      #3@12
ST1R.req              0.0687     0.0184     0.0687
WEB                      0#3
WEB.req                0.00
LEVEL                  0.00       0.00
BW.H.LR       0                                          0
C-CLEN        0          525                             0
UCOL.W        0                                          0
DCOL.W      -50                                        -50
DCOL.H      -70                                        -70


F.NO-YY-15 2F                    '2Fg9'( 30* 50)
TOP.req                7.16       3.07       6.57
TOP1          #6          3          3          3
TOP2          #6          0          0          0

BOT2          #6          0          0          0
BOT1          #6          3          3          3
BOT.req                4.32       8.00       4.28

ST1R                  #3@12      #3@20      #3@12
ST1R.req              0.1007     0.0202     0.1007
WEB                      0#3
WEB.req                0.00
LEVEL                  0.00       0.00
BW.H.LR       0                                          0
C-CLEN        0          525                             0
UCOL.W        0                                          0
DCOL.W      -50                                        -50
DCOL.H      -70                                        -70


F.NO-YY-15 1F                    '1Fg9'( 30* 50)
TOP.req               11.12       4.65       5.20
TOP1          #6          4          3          4
TOP2          #6          0          0          0

BOT2          #6          0          0          0
BOT1          #6          3          3          3
BOT.req                5.33       6.95       4.32

ST1R                  #3@12      #3@20      #3@12
ST1R.req              0.1001     0.0265     0.1081
WEB                      0#3
WEB.req                0.00
LEVEL                  0.00       0.00
BW.H.LR       0                                          0
C-CLEN        0          525                             0
UCOL.W        0                                          0
DCOL.W      -50                                        -50
DCOL.H      -70                                        -70


F.NO-YY-17 R1F                   'R1Fbb15'( 25* 70)                   'R1Fbb16'( 25* 70)                   'R1Fbb17'( 25* 70)
TOP.req                1.58       2.27       4.17                5.27       1.84       5.27                2.75       1.87       0.74
TOP1          #6          3          3          3          #6       3          3          3          #6       3          3          3
TOP2          #6          0          0          0          #6       0          0          0          #6       0          0          0

BOT2          #6          0          0          0          #6       0          0          0          #6       0          0          0
BOT1          #6          3          3          3          #6       3          3          3          #6       3          3          3
BOT.req                1.05       1.52       2.49                5.65       4.83       3.60                1.07       1.19       0.59

ST1R                  #3@12      #3@12      #3@12               #3@20      #3@20      #3@20               #3@12      #3@12      #3@12
ST1R.req              0.0625     0.0925     0.0625              0.0654     0.0903     0.0654              0.0625     0.0925     0.0625
WEB                      0#3                                       0#3                                       0#3
WEB.req                0.00                                      0.00                                      0.00
LEVEL                  0.00                                      0.00                                      0.00       0.00
BW.H.LR       0                                                                                                                    0
C-CLEN        0          210                                       615                                       130                0
UCOL.W        0                                          0                                         0                             0
DCOL.W      -30                                        -50                                       -50                           -25
DCOL.H      -70                                        -70                                       -70                           -70


F.NO-YY-18 4F                    '4Fg13'( 30* 70)                    '4FCg13'( 30* 70)
TOP.req                5.12       3.60       6.33                7.70       4.38       2.12
TOP1          #6          3          3          3          #6       3          3          3
TOP2          #6          0          0          0          #6       0          0          0

BOT2          #6          0          0          0          #6       0          0          0
BOT1          #6          3          3          3          #6       3          3          3
BOT.req                3.51       4.20       5.54                3.81       1.89       1.89

ST1R                  #3@15      #3@20      #3@15               #3@12      #3@12      #3@12
ST1R.req              0.0794     0.0955     0.0794              0.0768     0.0750     0.0768
WEB                      0#3                                       0#3
WEB.req                0.00                                      0.00
LEVEL                  0.00                                      0.00       0.00
BW.H.LR       0                                                                                                          0
C-CLEN        0          525                                       265                                               0
UCOL.W        0                                          0                                                            0
DCOL.W      -50                                        -50                                                          -30
DCOL.H      -70                                        -70                                                          -70


F.NO-YY-19 3F                    '3Fg11'( 30* 70)                    '3FCg11'( 30* 70)
TOP.req                5.28       2.04       6.23                2.45       1.78       1.82
TOP1          #6          3          3          3          #6       3          3          3
TOP2          #6          0          0          0          #6       0          0          0

BOT2          #6          0          0          0          #6       0          0          0
BOT1          #6          3          3          3          #6       3          3          3
BOT.req                5.19       6.44       5.55                1.49       1.14       0.57

ST1R                  #3@20      #3@20      #3@20               #3@12      #3@12      #3@12
ST1R.req              0.0650     0.0900     0.0650              0.0750     0.0750     0.0750
WEB                      0#3                                       0#3
WEB.req                0.00                                      0.00
```



```
LEVEL                  0.00                                      0.00       0.00
BW.H.LR       0                                                                                                          0
C-CLEN        0          615                                       120                                               0
UCOL.W        0                                          0                                                            0
DCOL.W      -50                                        -50                                                          -25
DCOL.H      -70                                        -70                                                          -70


F.NO-YY-18 2F                    '2Fg13'( 30* 70)                    '2FCg13'( 30* 70)
TOP.req                6.56       3.07       6.33                4.53       3.15       1.74
TOP1          #6          3          3          3          #6       3          3          3
TOP2          #6          0          0          0          #6       0          0          0

BOT2          #6          0          0          0          #6       0          0          0
BOT1          #6          3          3          3          #6       3          3          3
BOT.req                4.93       6.95       6.52                3.78       2.65       1.33

ST1R                  #3@15      #3@20      #3@15               #3@12      #3@12      #3@12
ST1R.req              0.0947     0.0197     0.0847              0.0840     0.0170     0.0840
WEB                      0#3                                       0#3
WEB.req                0.00                                      0.00
LEVEL                  0.00                                      0.00       0.00
BW.H.LR       0                                                                                                          0
C-CLEN        0          525                                       131                                               0
UCOL.W        0                                          0                                                            0
DCOL.W      -50                                        -50                                                          -30
DCOL.H      -70                                        -70                                                          -70
```

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```
$RCAD_ASCO COLUMN-PAGE
p-1
1

$RCAD_ASCO COLUMN-TABLE
   0.00       6.00
6
R1F
4F
3F
2F
1F
B1F

11
$RCAD_ASCO COLUMN-LINE
"C1"
5
          4F   RECT          C1
  80.0   80.0        141.68 0.3441 0.1004
     3      4  @#8  1#8  @#8  1#8  1#8  @#8  1#8  @#8
     8      4  @#8  1#8  @#8  1#8  1#8  @#8  1#8  @#8
                                          #4@10      #4@10.80       #4@15
          3F   RECT          C1
  80.0   80.0        161.92 0.2852 0.1369
     9      4  @#8  1#8  @#6  1#8  @#8  1#8  @#8  1#8  @#8
     9      4  @#8  1#8  @#8  1#8  @#8  1#8  @#6  1#8  @#8
                                          #4@10      #4@10.80       #4@15
          2F   RECT          C1
  80.0   80.0        182.16 0.3078 0.1819
    10      5  @#8  1#8  @#8  1#8  1#8  @#8  1#8  @#8  1#8  @#8
    10      5  @#8  1#8  @#8  1#8  1#8  @#8  1#8  @#8  1#8  @#8
                                          #4@10      #4@10.80       #4@15
          1F   RECT          C1
  80.0   80.0        202.40 0.4154 0.2446
    11      5  @#8  1#8  @#8  1#8  @#8  1#8  @#8  1#8  @#8  1#8  @#8
    11      5  @#8  1#8  @#8  1#8  @#8  1#8  @#8  1#8  @#8  1#8  @#8
                                          #4@10      #4@10.80       #4@15
          B1F  RECT          C1
  80.0  130.0        232.76 0.1724 0.1070
     8      4  @#6  1#8  @#6  1#8  @#6  1#8  @#6  1#8  @#8
    16      7  @#8  @#8  1#8  @#8  1#8  @#8  1#8  1#8  @#8  1#8  @#8  1#8  @#8  1#8  @#8  @#8
                                          #4@10      #4@10.130      #4@15
$RCAD_ASCO COLUMN-LINE
"C2"
5
          4F   RECT          C2
  80.0   80.0        121.44 0.3363 0.2418
     7      3  @#8  1#8  @#8  1#8  @#8  1#8  @#8
     7      3  @#8  1#8  @#8  1#8  @#8  1#8  @#8
                                          #4@10      #4@10.80       #4@15
          3F   RECT          C2
  80.0   80.0        141.68 0.3022 0.1589
     8      4  @#8  1#8  @#8  1#8  1#8  @#8  1#8  @#8
     8      4  @#8  1#8  @#8  1#8  1#8  @#8  1#8  @#8
                                          #4@10      #4@10.80       #4@15
          2F   RECT          C2
  80.0   80.0        161.92 0.3673 0.1637
     9      4  @#8  1#8  @#8  1#8  @#8  1#8  @#8  1#8  @#8
     9      4  @#8  1#8  @#8  1#8  @#8  1#8  @#8  1#8  @#8
                                          #4@10      #4@10.80       #4@15
          1F   RECT          C2
  80.0   80.0        182.16 0.4651 0.1733
    10      5  @#8  1#8  @#8  1#8  1#8  @#8  1#8  @#8  1#8  @#8
    10      5  @#8  1#8  @#8  1#8  1#8  @#8  1#8  @#8  1#8  @#8
                                          #4@10      #4@10.80       #4@15
          B1F  RECT          C2
  80.0  130.0        232.76 0.1632 0.1004
     8      4  @#8  1#8  @#8  1#8  @#6  1#8  @#8  1#8  @#8
    16      7  @#8  @#8  1#8  @#8  1#8  @#8  1#8  1#8  @#8  1#8  @#8  1#8  @#8  1#8  @#8  @#8
                                          #4@10      #4@10.130      #4@15
$RCAD_ASCO COLUMN-LINE
"C3"
5
          4F   RECT          C3
  80.0   80.0        121.44 0.3428 0.2259
     7      3  @#8  1#8  @#8  1#8  @#8  1#8  @#8
     7      3  @#8  1#8  @#8  1#8  @#8  1#8  @#8
                                          #4@10      #4@10.80       #4@12
          3F   RECT          C3
  80.0   80.0        141.68 0.3083 0.1483
     8      4  @#8  1#8  @#8  1#8  1#8  @#8  1#8  @#8
```

```
     8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#5  0#8
                                              #4610    #4810,80       #4615

           2F   RECT       C3
 80.0   80.0      161.92 0.5810 0.1507
     9       4  0#8  1#5  0#5  1#5  0#6  1#8  0#5  1#8  0#8
     9       4  0#8  1#8  0#5  1#5  0#6  1#8  0#5  1#5  0#8
                                              #4610    #4810,80       #4615

           1F   RECT       C3
 80.0   80.0      182.16 0.4937 0.1539
    16       5  0#8  1#8  0#8  1#6  1#5  0#6  1#8  0#8  1#8  0#6
    16       5  0#8  1#8  0#8  1#6  1#5  0#8  1#8  0#8  1#8  0#8
                                              #4610    #4810,80       #4615

           B1F  RECT       C3
 80.0   130.0      232.76 0.1632 0.1004
     9       4  0#8  1#8  0#8  1#8  0#6  1#8  0#8  1#8  0#8
    16       7  0#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  0#8
                                              #4610    #4810,130      #4615

$RCAD_ASCO COLUMN-LINE
"C4"
5

           4F   RECT       C4
 80.0   80.0      121.44 0.3436 0.1004
     7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
     7       3  0#8  1#5  0#8  1#8  0#6  1#5  0#8
                                              #4610    #4810,80       #4612

           3F   RECT       C4
 80.0   80.0      141.68 0.2556 0.1004
     8       4  0#8  1#8  0#8  1#5  1#8  0#8  1#8  0#8
     8       4  0#8  1#6  0#8  1#6  1#5  0#8  1#8  0#8
                                              #4610    #4810,80       #4615

           2F   RECT       C4
 80.0   80.0      161.92 0.3161 0.1148
     9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
     9       4  0#8  1#8  0#8  1#6  0#8  1#5  0#8  1#8  0#8
                                              #4610    #4810,80       #4615

           1F   RECT       C4
 80.0   80.0      182.16 0.4500 0.1021
    10       5  0#8  1#8  0#8  1#6  1#5  0#8  1#8  0#8  1#8  0#8
    10       5  0#8  1#8  0#8  1#6  1#5  0#8  1#8  0#5  1#5  0#8
                                              #4610    #4810,80       #4615

           B1F  RECT       C4
 80.0   130.0      232.76 0.1632 0.1483
     9       4  0#8  1#5  0#8  1#8  0#6  1#8  0#8  1#8  0#8
    16       7  0#8  0#8  1#8  0#8  1#6  0#6  1#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  0#8
                                              #4610    #4810,130      #4615

$RCAD_ASCO COLUMN-LINE
"C5"
6

           R1F  RECT       C5
 80.0   80.0      101.20 0.2625 0.1881
     6       2  0#8  0#8  1#8  1#8  0#8  0#8
     6       2  0#8  0#8  1#8  1#8  0#8  0#8
                                              #4610    #4810,80       #4615

           4F   RECT       C5
 80.0   80.0      121.44 0.2095 0.1522
     7       3  0#8  1#8  0#8  1#8  0#6  1#8  0#8
     7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                              #4610    #4810,80       #4615

           3F   RECT       C5
 80.0   80.0      141.68 0.3074 0.1449
     8       4  0#8  1#8  0#8  1#8  1#6  0#8  1#8  0#8
     8       4  0#8  1#8  0#8  1#8  1#6  0#8  1#8  0#8
                                              #4610    #4810,80       #4615

           2F   RECT       C5
 80.0   80.0      161.92 0.3067 0.1688
     9       4  0#8  1#8  0#8  1#8  0#6  1#8  0#8  1#8  0#8
     9       4  0#5  1#6  0#5  1#8  0#5  1#5  0#8  1#8  0#6
                                              #4610    #4810,80       #4615

           1F   RECT       C5
 80.0   80.0      182.16 0.3167 0.1839
    16       5  0#5  1#8  0#5  1#6  1#5  0#6  1#8  0#8  1#8  0#8
    16       5  0#8  1#8  0#8  1#8  1#5  0#6  1#8  0#8  1#8  0#8
                                              #4610    #4810,80       #4615

           B1F  RECT       C5
 80.0   130.0      232.76 0.1632 0.1004
     9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    16       7  0#8  0#8  1#8  0#5  1#8  0#6  1#5  0#8  1#8  0#8  1#8  0#8  1#8  0#8  0#8
                                              #4610    #4810,130      #4615

$RCAD_ASCO COLUMN-LINE
"C6"
6

           R1F  RECT       C6
 80.0   80.0      101.20 0.1925 0.1004
     6       2  0#8  0#8  1#8  1#8  0#8  0#8
     6       2  0#8  0#8  1#8  1#8  0#8  0#8
                                              #4610    #4810,80       #4615

           4F   RECT       C6
 80.0   80.0      121.44 0.2213 0.1004
     7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
     7       3  0#8  1#5  0#8  1#8  0#8  1#5  0#8
                                              #4610    #4810,80       #4615

           3F   RECT       C6
 80.0   80.0      141.68 0.3386 0.1072
     8       4  0#8  1#5  0#8  1#8  1#8  0#8  1#8  0#8
     8       4  0#8  1#6  0#8  1#8  1#8  0#8  1#8  0#8
                                              #4610    #4810,80       #4615

           2F   RECT       C6
 80.0   80.0      161.92 0.4120 0.1547
     9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
     9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                              #4610    #4810,80       #4615

           1F   RECT       C6
 80.0   80.0      182.16 0.5173 0.2084
    10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
    10       5  0#8  1#8  0#8  1#8  1#6  0#8  1#8  0#8  1#8  0#8
                                              #4610    #4810,80       #4612

           B1F  RECT       C6
 80.0   130.0      232.76 0.1632 0.1138
     9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    16       7  0#6  0#8  1#8  0#8  1#6  0#8  1#8  1#8  0#5  1#8  0#8  1#8  0#8  1#8  0#8  0#8
                                              #4610    #4810,130      #4615

$RCAD_ASCO COLUMN-LINE
"C7"
5

           4F   RECT       C7
```



```
 80.0   80.0      121.44 0.3462 0.2382
     7       3  0#8  1#8  0#8  1#8  0#8  1#5  0#8
     7       3  0#8  1#8  0#8  1#5  0#5  1#5  0#8
                                              #4610    #4810,80       #4612

           3F   RECT       C7
 80.0   80.0      141.68 0.3148 0.1489
     8       4  0#8  1#8  0#8  1#5  1#8  0#8  1#8  0#8
     8       4  0#8  1#5  0#8  1#5  1#5  0#5  1#8  0#8
                                              #4610    #4810,80       #4615

           2F   RECT       C7
 80.0   80.0      161.92 0.3906 0.1573
     9       4  0#8  1#8  0#8  1#5  0#5  1#8  0#8  1#8  0#8
     9       4  0#8  1#8  0#8  1#6  0#8  1#8  1#8  0#8
                                              #4610    #4810,80       #4615

           1F   RECT       C7
 80.0   80.0      182.16 0.3339 0.1814
    10       5  0#8  1#5  0#8  1#5  1#5  0#5  1#8  0#8  1#8  0#8
    10       5  0#8  1#8  0#8  1#5  1#5  0#5  1#8  0#8  1#8  0#8
                                              #4610    #4810,80       #4615

           B1F  RECT       C7
 80.0   130.0      232.76 0.1632 0.1004
     9       4  0#5  1#5  0#5  1#5  0#6  1#8  0#5  1#8  0#8
    16       7  0#8  0#8  1#8  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  0#8
                                              #4610    #4810,130      #4615

$RCAD_ASCO COLUMN-LINE
"C8"
5

           4F   RECT       C8
 80.0   80.0      121.44 0.3726 0.1089
     7       3  0#8  1#5  0#8  1#8  0#8  1#8  0#8
     7       3  0#8  1#8  0#8  1#8  0#5  1#8  0#8
                                              #4610    #4810,80       #4612

           3F   RECT       C8
 80.0   80.0      141.68 0.3204 0.1255
     8       4  0#6  1#8  0#8  1#8  1#8  0#8  1#8  0#8
     8       4  0#8  1#5  0#8  1#8  1#5  0#8  1#8  0#8
                                              #4610    #4810,80       #4615

           2F   RECT       C8
 80.0   80.0      161.92 0.3945 0.1702
     9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#5
     9       4  0#8  1#5  0#8  1#8  0#5  1#8  0#5  1#8  0#8
                                              #4610    #4810,80       #4615

           1F   RECT       C8
 80.0   80.0      182.16 0.5103 0.2280
    10       5  0#8  1#5  0#8  1#8  1#8  0#8  1#6  0#8  1#6  0#8
    10       5  0#8  1#5  0#8  1#8  1#5  0#8  1#6  0#8  1#6  0#8
                                              #4610    #4810,80       #4612

           B1F  RECT       C8
 80.0   130.0      232.76 0.1632 0.1273
     9       4  0#8  1#8  0#8  1#8  0#6  1#8  0#8  1#8  0#8
    16       7  0#8  0#8  1#8  0#8  1#6  0#8  1#6  0#8  1#6  0#8  1#8  0#8  1#8  0#8  0#8
                                              #4610    #4810,130      #4615

$RCAD_ASCO COLUMN-LINE
"C9"
5

           4F   RECT       C9
 80.0   80.0      121.44 0.3506 0.2481
     7       3  0#8  1#6  0#8  1#8  0#8  1#8  0#8
     7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                              #4610    #4810,80       #4612

           3F   RECT       C9
 80.0   80.0      141.68 0.3160 0.1545
     8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#6  0#8
     8       4  0#8  1#5  0#8  1#8  1#8  0#8  1#8  0#8
                                              #4610    #4810,80       #4615

           2F   RECT       C9
 80.0   80.0      161.92 0.3927 0.1627
     9       4  0#8  1#6  0#8  1#8  0#8  1#8  0#8  1#8  0#8
     9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                              #4610    #4810,80       #4615

           1F   RECT       C9
 80.0   80.0      182.16 0.3357 0.1978
    10       5  0#8  1#8  0#6  1#8  1#8  0#8  1#8  0#8  1#8  0#8
    10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
                                              #4610    #4810,80       #4615

           B1F  RECT       C9
 80.0   130.0      232.76 0.1632 0.1004
     9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#6  0#8
    16       7  0#8  0#6  1#8  0#8  1#8  0#6  1#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  0#8
                                              #4610    #4810,130      #4615

$RCAD_ASCO COLUMN-LINE
"C10"
5

           4F   RECT       C10
 80.0   130.0      161.92 0.3210 0.1004
     7       3  0#8  1#8  0#8  1#5  0#8  1#8  0#8
    11       5  0#8  1#5  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                              #4610    #4810,130      #4615

           3F   RECT       C10
 80.0   130.0      182.16 0.3647 0.1253
     8       4  0#8  1#8  0#8  1#8  1#8  0#8  0#8
    12       6  0#8  1#8  0#8  1#5  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
                                              #4610    #4810,130      #4615

           2F   RECT       C10
 80.0   130.0      212.52 0.4155 0.1989
     9       4  0#8  1#8  0#8  1#5  0#8  1#8  0#8  1#8  0#8
    14       7  0#8  1#8  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                              #4610    #4810,130      #4615

           1F   RECT       C10
 80.0   130.0      232.76 0.5630 0.3255
     9       4  0#8  1#8  0#8  1#5  0#8  1#8  0#8  1#8  0#8
    15       7  0#6  0#8  1#8  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  0#8
                                              #4610    #4910,130      #4615

           B1F  RECT       C10
 80.0   130.0      232.76 0.1632 0.2589
     9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    16       7  0#8  0#8  1#8  0#8  1#6  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  0#8
                                              #4610    #4810,130      #4615

$RCAD_ASCO COLUMN-LINE
"C11"
4

           3F  CIRC      C11
 80.0      80.98 0.4389 0.2459
    16
     1  #8    33.48      0.00
```

```
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                        #4@10    #4@10.80       #4@15
          2F   CIRC      C11
 80.0      86.96 0.2473 0.1487
   16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.65    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                        #4@10    #4@10.80       #4@15
          1F   CIRC      C11
 80.0      181.29 0.2957 0.2316
   26
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                        #4@10    #4@10.80       #4@15
          B1F  CIRC      C11
 80.0      101.20 0.1904 0.1004
   26
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                        #4@10    #4@10.80       #4@15

$RCAD_ASCO COLUMN-PAGE
P-2
1

$RCAD_ASCO COLUMN-TABLE
   0.00       0.00
6
R1F
4F
3F
2F
1F
B1F

11
$RCAD_ASCO COLUMN-LINE
"C12"
5
          4F   RECT      C12
 80.0   80.0     121.44 0.3234 0.3593
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@12
          3F   RECT      C12
 80.0   80.0     141.68 0.4089 0.2126
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@15
          2F   RECT      C12
 80.0   80.0     181.92 0.5339 0.2498
```



```
    9      4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    9      4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@10
          1F   RECT      C12
 80.0   80.0     182.16 0.5471 0.3075
   10      5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
   10      5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@12
          B1F  RECT      C12
 80.0   80.0     182.16 0.2376 0.1004
   16      5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
   16      5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@15

$RCAD_ASCO COLUMN-LINE
"C13"
5
          4F   RECT      C13
 80.0   80.0     101.20 0.3289 0.3770
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                        #4@10    #4@10.80       #4@12
          3F   RECT      C13
 80.0   80.0     101.20 0.3114 0.2525
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                        #4@10    #4@10.80       #4@15
          2F   RECT      C13
 80.0   80.0     121.44 0.3168 0.2612
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@15
          1F   RECT      C13
 80.0   80.0     141.68 0.1041 0.1004
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@15
          B1F  RECT      C13
 80.0   80.0     141.68 0.1004 0.1004
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@15

$RCAD_ASCO COLUMN-LINE
"C14"
5
          4F   RECT      C14
 80.0   80.0     101.20 0.3132 0.3744
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                        #4@10    #4@10.80       #4@12
          3F   RECT      C14
 80.0   80.0     101.20 0.2882 0.2391
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                        #4@10    #4@10.80       #4@15
          2F   RECT      C14
 80.0   80.0     121.44 0.2955 0.2497
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@15
          1F   RECT      C14
 80.0   80.0     141.68 0.1004 0.1004
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@15
          B1F  RECT      C14
 80.0   80.0     141.68 0.1004 0.1004
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@15

$RCAD_ASCO COLUMN-LINE
"C15"
5
          4F   RECT      C15
 80.0   80.0     121.44 0.4443 0.3054
    7      3  0#8  1#8  0#8  1#8  0#6  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#6  1#8  0#6
                                        #4@10    #4@10.80       #4@10
          3F   RECT      C15
 80.0   80.0     141.68 0.5386 0.1896
    8      4  0#6  1#8  0#6  1#8  1#6  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#6  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@15
          2F   RECT      C15
 80.0   80.0     181.92 0.4395 0.1978
    9      4  0#8  1#8  0#8  1#8  0#6  1#8  0#8  1#8  0#8
    9      4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@12
          1F   RECT      C15
 80.0   80.0     182.16 0.4165 0.2182
   10      5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
   10      5  0#8  1#8  0#8  1#8  1#8  0#6  1#8  0#6  1#8  0#8
                                        #4@10    #4@10.80       #4@15
          B1F  RECT      C15
 80.0   80.0     182.16 0.2088 0.1234
   10      5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
   10      5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
                                        #4@10    #4@10.80       #4@15

$RCAD_ASCO COLUMN-LINE
"C16"
6
          R1F  RECT      C16
 80.0   80.0     101.20 0.2698 0.1843
    8      2  0#8  0#8  1#8  1#8  0#8  0#8
    8      2  0#8  0#8  1#8  1#8  0#8  0#8
                                        #4@10    #4@10.80       #4@15
          4F   RECT      C16
 80.0   80.0     101.20 0.2412 0.2028
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                        #4@10    #4@10.80       #4@15
          3F   RECT      C16
 80.0   80.0     101.20 0.2640 0.2185
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                        #4@10    #4@10.80       #4@15
```

```
          2F   RECT      C16
 80.0   80.0      121.44 0.3545 0.2095
    7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@12

          1F   RECT      C16
 80.0   80.0      141.68 0.1155 0.1004
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

         B1F   RECT      C16
 80.0   80.0      141.68 0.1004 0.1004
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

$RCAD_ASCO COLUMN-LINE
"C17"
6

          R1F   RECT      C17
 80.0   80.0      101.20 0.2080 0.1123
    6       2  0#8  0#8  1#8  1#8  0#8  0#8
    6       2  0#8  0#8  1#8  1#8  0#8  0#8
                                          #4@10     #4@10,80        #4@15

          4F   RECT      C17
 80.0   80.0      121.44 0.2602 0.1770
    7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

          3F   RECT      C17
 80.0   80.0      141.68 0.3098 0.2112
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

          2F   RECT      C17
 80.0   80.0      161.92 0.3973 0.2513
    9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

          1F   RECT      C17
 80.0   80.0      182.16 0.4634 0.2867
   10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
   10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

         B1F   RECT      C17
 80.0   80.0      182.16 0.1596 0.1403
   10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
   10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

$RCAD_ASCO COLUMN-LINE
"C18"
5

          4F   RECT      C18
 80.0   80.0      101.20 0.3251 0.3913
    6       2  0#8  0#8  1#8  1#8  0#8  0#8
    6       2  0#8  0#8  1#8  1#8  0#8  0#8
                                          #4@10     #4@10,80        #4@12

          3F   RECT      C18
 80.0   80.0      101.20 0.3091 0.2454
    6       2  0#8  0#8  1#8  1#8  0#8  0#8
    6       2  0#8  0#8  1#8  1#8  0#8  0#8
                                          #4@10     #4@10,80        #4@15

          2F   RECT      C18
 80.0   80.0      121.44 0.3081 0.2585
    7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

          1F   RECT      C18
 80.0   80.0      141.68 0.1110 0.1084
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

         B1F   RECT      C18
 80.0   80.0      141.68 0.1004 0.1004
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

$RCAD_ASCO COLUMN-LINE
"C19"
5

          4F   RECT      C19
 80.0   80.0      121.44 0.3602 0.4472
    7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@10

          3F   RECT      C19
 80.0   80.0      141.68 0.3180 0.2326
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

          2F   RECT      C19
 80.0   80.0      161.92 0.4188 0.2849
    9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

          1F   RECT      C19
 80.0   80.0      182.16 0.4045 0.2797
   10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
   10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

         B1F   RECT      C19
 80.0   80.0      182.16 0.1392 0.1590
   10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
   10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

$RCAD_ASCO COLUMN-LINE
"C20"
5

          4F   RECT      C20
 80.0   80.0      101.20 0.3250 0.4047
    6       2  0#8  0#8  1#8  1#8  0#8  0#8
    6       2  0#8  0#8  1#8  1#8  0#8  0#8
                                          #4@10     #4@10,80        #4@12

          3F   RECT      C20
 80.0   80.0      101.20 0.3085 0.2581
    6       2  0#8  0#8  1#8  1#8  0#8  0#8
    6       2  0#8  0#8  1#8  1#8  0#8  0#8
                                          #4@10     #4@10,80        #4@15

          2F   RECT      C20
 80.0   80.0      121.44 0.3981 0.2717
    7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

          1F   RECT      C20
 80.0   80.0      141.68 0.1107 0.1004
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

         B1F   RECT      C20
 80.0   80.0      141.68 0.1004 0.1004
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

$RCAD_ASCO COLUMN-LINE
"C21"
5

          4F   RECT      C21
 80.0   80.0      121.44 0.3762 0.4106
    7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7       3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@12

          3F   RECT      C21
 80.0   80.0      141.68 0.2988 0.2104
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8       4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

          2F   RECT      C21
 80.0   80.0      161.92 0.3940 0.2895
    9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    9       4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

          1F   RECT      C21
 80.0   80.0      182.16 0.3908 0.3014
   10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
   10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

         B1F   RECT      C21
 80.0   80.0      182.16 0.1597 0.1550
   10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
   10       5  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10     #4@10,80        #4@15

$RCAD_ASCO COLUMN-LINE
"C22"
5

          4F   CIRC      C22
 80.0      80.96 0.2449 0.2916
   16
    1   #8    33.46     0.00
    1   #8    30.91    12.80
    1   #8    23.66    23.66
    1   #8    12.80    30.91
    1   #8     0.00    33.46
    1   #8   -12.80    30.91
    1   #8   -23.66    23.66
    1   #8   -30.91    12.80
    1   #8   -33.46     0.00
    1   #8   -30.91   -12.80
    1   #8   -23.66   -23.66
    1   #8   -12.80   -30.91
    1   #8    -0.00   -33.46
    1   #8    12.80   -30.91
    1   #8    23.66   -23.66
    1   #8    30.91   -12.80
                                          #4@10     #4@10,80        #4@15

          3F   CIRC      C22
 80.0      80.96 0.2384 0.2375
   16
    1   #8    33.46     0.00
    1   #8    30.91    12.80
    1   #8    23.66    23.66
    1   #8    12.80    30.91
    1   #8     0.00    33.46
    1   #8   -12.80    30.91
    1   #8   -23.66    23.66
    1   #8   -30.91    12.80
    1   #8   -33.46     0.00
    1   #8   -30.91   -12.80
    1   #8   -23.66   -23.66
    1   #8   -12.80   -30.91
    1   #8    -0.00   -33.46
    1   #8    12.80   -30.91
    1   #8    23.66   -23.66
    1   #8    30.91   -12.80
                                          #4@10     #4@10,80        #4@15

          2F   CIRC      C22
 80.0      80.95 0.2697 0.2646
   16
    1   #8    33.46     0.00
    1   #8    30.91    12.80
    1   #8    23.66    23.66
    1   #8    12.80    30.91
    1   #8     0.00    33.46
    1   #8   -12.80    30.91
    1   #8   -23.66    23.66
    1   #8   -30.91    12.80
    1   #8   -33.46     0.00
    1   #8   -30.91   -12.80
    1   #8   -23.66   -23.66
    1   #8   -12.80   -30.91
    1   #8    -0.00   -33.46
    1   #8    12.80   -30.91
    1   #8    23.66   -23.66
    1   #8    30.91   -12.80
                                          #4@10     #4@10,80        #4@15

          1F   CIRC      C22
 80.0      101.20 0.2767 0.2407
   20
    1   #8    33.46     0.00
    1   #8    31.82    10.34
    1   #8    27.07    19.67
    1   #8    19.67    27.07
```

```
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    18.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4810    #4810.80      #4815
          B1F   CIRC     C22
 80.0     101.20 0.1528 0.1064
   20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4810    #4810.80      #4815
$RCAD_ASCO COLUMN-PAGE
P-3
1

$RCAD_ASCO COLUMN-TABLE
   0.00        0.00
6
2-7
4F
3F
2F
1F
B1F

11
$RCAD_ASCO COLUMN-LINE
"C23"
5
          4F   CIRC     C23
 80.0     80.96 0.3083 0.3892
   16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4810    #4810.80      #4815
          3F   CIRC     C23
 80.0     80.96 0.2157 0.2158
   16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4810    #4810.80      #4815
          2F   CIRC     C23
 80.0     80.96 0.2808 0.2516
   16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
```



```
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4810    #4810.80      #4815
          1F   CIRC     C23
 80.0     101.20 0.2476 0.2188
   20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4810    #4810.80      #4815
          B1F   CIRC     C23
 80.0     101.20 0.1004 0.1004
   20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4810    #4810.80      #4815
$RCAD_ASCO COLUMN-LINE
"C24"
5
          4F   CIRC     C24
 80.0     80.96 0.3310 0.3547
   16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4810    #4810.80      #4815
          3F   CIRC     C24
 80.0     80.96 0.3121 0.2367
   16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4810    #4810.80      #4815
          2F   CIRC     C24
 80.0     101.20 0.3141 0.2373
   20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
```

```
  1  #8    10.34   -31.82
  1  #8    19.67   -27.07
  1  #8    27.07   -19.67
  1  #8    31.82   -10.34

                                                    #4@10    #4@10.80     #4@15
          1F   CIRC      C24
80.0     121.44 0.1680 0.1004
  24
  1  #8    33.46     0.00
  1  #8    32.32     8.66
  1  #8    28.98    16.73
  1  #8    23.66    23.66
  1  #8    16.73    28.98
  1  #8     8.66    32.32
  1  #8     0.00    33.46
  1  #8    -8.66    32.32
  1  #8   -16.73    28.98
  1  #8   -23.66    23.66
  1  #8   -28.98    16.73
  1  #8   -32.32     8.66
  1  #8   -33.46    -0.00
  1  #8   -32.32    -8.66
  1  #8   -28.98   -16.73
  1  #8   -23.66   -23.66
  1  #8   -16.73   -28.98
  1  #8    -8.66   -32.32
  1  #8    -0.00   -33.46
  1  #8     8.66   -32.32
  1  #8    16.73   -28.98
  1  #8    23.66   -23.66
  1  #8    28.98   -16.73
  1  #8    32.32    -8.66

                                                    #4@10    #4@10.80     #4@15
          BIF   CIRC      C24
80.0     101.20 0.1004 0.1097
  20
  1  #8    33.46     0.00
  1  #8    31.82    10.34
  1  #8    27.07    19.67
  1  #8    19.67    27.07
  1  #8    10.34    31.82
  1  #8     0.00    33.46
  1  #8   -10.34    31.82
  1  #8   -19.67    27.07
  1  #8   -27.07    19.67
  1  #8   -31.82    10.34
  1  #8   -33.46     0.00
  1  #8   -31.82   -10.34
  1  #8   -27.07   -19.67
  1  #8   -19.67   -27.07
  1  #8   -10.34   -31.82
  1  #8    -0.00   -33.46
  1  #8    10.34   -31.82
  1  #8    19.67   -27.07
  1  #8    27.07   -19.67
  1  #8    31.82   -10.34

                                                    #4@10    #4@10.80     #4@15
$RCAD_ASCO COLUMN-LINE
*C25*
5
          4F   CIRC      C25
80.0     80.96 0.3384 0.3327
  16
  1  #8    33.46     0.00
  1  #8    30.91    12.80
  1  #8    23.66    23.66
  1  #8    12.80    30.91
  1  #8     0.00    33.46
  1  #8   -12.80    30.91
  1  #8   -23.66    23.66
  1  #8   -30.91    12.80
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80

                                                    #4@10    #4@10.80     #4@15
          3F   CIRC      C25
80.0     80.96 0.3132 0.2413
  16
  1  #8    33.46     0.00
  1  #8    30.91    12.80
  1  #8    23.66    23.66
  1  #8    12.80    30.91
  1  #8     0.00    33.46
  1  #8   -12.80    30.91
  1  #8   -23.66    23.66
  1  #8   -30.91    12.80
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80

                                                    #4@10    #4@10.80     #4@15
          2F   CIRC      C25
80.0     101.20 0.3104 0.2384
  20
  1  #8    33.46     0.00
  1  #8    31.82    10.34
  1  #8    27.07    19.67
  1  #8    19.67    27.07
  1  #8    10.34    31.82
  1  #8     0.00    33.46
  1  #8   -10.34    31.82
  1  #8   -19.67    27.07
  1  #8   -27.07    19.67
  1  #8   -31.82    10.34
  1  #8   -33.46     0.00
  1  #8   -31.82   -10.34
```



```
  1  #8   -27.07   -19.67
  1  #8   -19.67   -27.07
  1  #8   -10.34   -31.82
  1  #8    -0.00   -33.46
  1  #8    10.34   -31.82
  1  #8    19.67   -27.07
  1  #8    27.07   -19.67
  1  #8    31.82   -10.34

                                                    #4@10    #4@10.80     #4@15
          1F   CIRC      C25
80.0     121.44 0.1541 0.1004
  24
  1  #8    33.46     0.00
  1  #8    32.32     8.66
  1  #8    28.98    16.73
  1  #8    23.66    23.66
  1  #8    16.73    28.98
  1  #8     8.66    32.32
  1  #8     0.00    33.46
  1  #8    -8.66    32.32
  1  #8   -16.73    28.98
  1  #8   -23.66    23.66
  1  #8   -28.98    16.73
  1  #8   -32.32     8.66
  1  #8   -33.46    -0.00
  1  #8   -32.32    -8.66
  1  #8   -28.98   -16.73
  1  #8   -23.66   -23.66
  1  #8   -16.73   -28.98
  1  #8    -8.66   -32.32
  1  #8    -0.00   -33.46
  1  #8     8.66   -32.32
  1  #8    16.73   -28.98
  1  #8    23.66   -23.66
  1  #8    28.98   -16.73
  1  #8    32.32    -8.66

                                                    #4@10    #4@10.80     #4@15
          BIF   CIRC      C25
80.0     121.44 0.1054 0.1117
  24
  1  #8    33.46     0.00
  1  #8    32.32     8.66
  1  #8    28.98    16.73
  1  #8    23.66    23.66
  1  #8    16.73    28.98
  1  #8     8.66    32.32
  1  #8     0.00    33.46
  1  #8    -8.66    32.32
  1  #8   -16.73    28.98
  1  #8   -23.66    23.66
  1  #8   -28.98    16.73
  1  #8   -32.32     8.66
  1  #8   -33.46    -0.00
  1  #8   -32.32    -8.66
  1  #8   -28.98   -16.73
  1  #8   -23.66   -23.66
  1  #8   -16.73   -28.98
  1  #8    -8.66   -32.32
  1  #8    -0.00   -33.46
  1  #8     8.66   -32.32
  1  #8    16.73   -28.98
  1  #8    23.66   -23.66
  1  #8    28.98   -16.73
  1  #8    32.32    -8.66

                                                    #4@10    #4@10.80     #4@15
$RCAD_ASCO COLUMN-LINE
*C26*
5
          4F   CIRC      C26
80.0     80.96 0.3316 0.4240
  16
  1  #8    33.46     0.00
  1  #8    30.91    12.80
  1  #8    23.66    23.66
  1  #8    12.80    30.91
  1  #8     0.00    33.46
  1  #8   -12.80    30.91
  1  #8   -23.66    23.66
  1  #8   -30.91    12.80
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80

                                                    #4@10    #4@10.80     #4@15
          3F   CIRC      C26
80.0     80.96 0.3764 0.2904
  16
  1  #8    33.46     0.00
  1  #8    30.91    12.80
  1  #8    23.66    23.66
  1  #8    12.80    30.91
  1  #8     0.00    33.46
  1  #8   -12.80    30.91
  1  #8   -23.66    23.66
  1  #8   -30.91    12.80
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80

                                                    #4@10    #4@10.80     #4@15
          2F   CIRC      C26
80.0     101.20 0.3365 0.3341
  20
  1  #8    33.46     0.00
  1  #8    31.82    10.34
  1  #8    27.07    19.67
  1  #8    19.67    27.07
```

```
  1  #8    10.34    31.82
  1  #8     0.00    33.46
  1  #8   -10.34    31.82
  1  #8   -19.67    27.07
  1  #8   -27.07    19.67
  1  #8   -31.82    10.34
  1  #8   -33.46     0.00
  1  #8   -31.82   -10.34
  1  #8   -27.07   -19.67
  1  #8   -19.67   -27.07
  1  #8   -10.34   -31.82
  1  #8    -0.00   -33.46
  1  #8    10.34   -31.82
  1  #8    19.67   -27.07
  1  #8    27.07   -19.67
  1  #8    31.82   -10.34
                                #4810    #4810.80    #4815
          1F   CIRC      C26
80.0     121.44 0.3508 0.3109
  24
  1  #8    33.46     0.00
  1  #8    32.32     8.66
  1  #8    28.98    16.73
  1  #8    23.66    23.66
  1  #8    16.73    28.98
  1  #8     8.66    32.32
  1  #8     0.00    33.46
  1  #8    -8.66    32.32
  1  #8   -16.73    28.98
  1  #8   -23.66    23.66
  1  #8   -28.98    16.73
  1  #8   -32.32     8.66
  1  #8   -33.46    -0.00
  1  #8   -32.32    -8.66
  1  #8   -28.98   -16.73
  1  #8   -23.66   -23.66
  1  #8   -16.73   -28.98
  1  #8    -8.66   -32.32
  1  #8    -0.00   -33.46
  1  #8     8.66   -32.32
  1  #8    16.73   -28.98
  1  #8    23.66   -23.66
  1  #8    28.98   -16.73
  1  #8    32.32    -8.66
                                #4810    #4810.80    #4815
          BIF   CIRC      C26
80.0     121.44 0.0000 0.1004
  24
  1  #8    33.46     0.00
  1  #8    32.32     8.66
  1  #8    28.98    16.73
  1  #8    23.66    23.66
  1  #8    16.73    28.98
  1  #8     8.66    32.32
  1  #8     0.00    33.46
  1  #8    -8.66    32.32
  1  #8   -16.73    28.98
  1  #8   -23.66    23.66
  1  #8   -28.98    16.73
  1  #8   -32.32     8.66
  1  #8   -33.46    -0.00
  1  #8   -32.32    -8.66
  1  #8   -28.98   -16.73
  1  #8   -23.66   -23.66
  1  #8   -16.73   -28.98
  1  #8    -8.66   -32.32
  1  #8    -0.00   -33.46
  1  #8     8.66   -32.32
  1  #8    16.73   -28.98
  1  #8    23.66   -23.66
  1  #8    28.98   -16.73
  1  #8    32.32    -8.66
                                #4810    #4810.80    #4815
$RCAD_ASCO COLUMN-LINE
"C27"
4
          3F   CIRC      C27
80.0      80.96 0.4018 0.2819
  16
  1  #8    33.46     0.00
  1  #8    30.91    12.80
  1  #8    23.66    23.66
  1  #8    12.80    30.91
  1  #8     0.00    33.46
  1  #8   -12.80    30.91
  1  #8   -23.66    23.66
  1  #8   -30.91    12.80
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80
                                #4810    #4810.80    #4815
          2F   CIRC      C27
80.0     101.28 0.2619 0.1004
  20
  1  #8    33.46     0.00
  1  #8    31.82    10.34
  1  #8    27.07    19.67
  1  #8    19.67    27.07
  1  #8    10.34    31.82
  1  #8     0.00    33.46
  1  #8   -10.34    31.82
  1  #8   -19.67    27.07
  1  #8   -27.07    19.67
  1  #8   -31.82    10.34
  1  #8   -33.46     0.00
  1  #8   -31.82   -10.34
  1  #8   -27.07   -19.67
  1  #8   -19.67   -27.07
  1  #8   -10.34   -31.82
  1  #8    -0.00   -33.46
```



```
  1  #8    10.34   -31.82
  1  #8    19.67   -27.07
  1  #8    27.07   -19.67
  1  #8    31.82   -10.34
                                #4810    #4810.80    #4815
          1F   CIRC      C27
80.0     121.44 0.3816 0.2226
  24
  1  #8    33.46     0.00
  1  #8    32.32     8.66
  1  #8    28.98    16.73
  1  #8    23.66    23.66
  1  #8    16.73    28.98
  1  #8     8.66    32.32
  1  #8     0.00    33.46
  1  #8    -8.66    32.32
  1  #8   -16.73    28.98
  1  #8   -23.66    23.66
  1  #8   -28.98    16.73
  1  #8   -32.32     8.66
  1  #8   -33.46    -0.00
  1  #8   -32.32    -8.66
  1  #8   -28.98   -16.73
  1  #8   -23.66   -23.66
  1  #8   -16.73   -28.98
  1  #8    -8.66   -32.32
  1  #8    -0.00   -33.46
  1  #8     8.66   -32.32
  1  #8    16.73   -28.98
  1  #8    23.66   -23.66
  1  #8    28.98   -16.73
  1  #8    32.32    -8.66
                                #4810    #4810.80    #4815
          BIF   CIRC      C27
80.0     121.44 0.1616 0.1939
  24
  1  #8    33.46     0.00
  1  #8    32.32     8.66
  1  #8    28.98    16.73
  1  #8    23.66    23.66
  1  #8    16.73    28.98
  1  #8     8.66    32.32
  1  #8     0.00    33.46
  1  #8    -8.66    32.32
  1  #8   -16.73    28.98
  1  #8   -23.66    23.66
  1  #8   -28.98    16.73
  1  #8   -32.32     8.66
  1  #8   -33.46    -0.00
  1  #8   -32.32    -8.66
  1  #8   -28.98   -16.73
  1  #8   -23.66   -23.66
  1  #8   -16.73   -28.98
  1  #8    -8.66   -32.32
  1  #8    -0.00   -33.46
  1  #8     8.66   -32.32
  1  #8    16.73   -28.98
  1  #8    23.66   -23.66
  1  #8    28.98   -16.73
  1  #8    32.32    -8.66
                                #4810    #4810.80    #4815
$RCAD_ASCO COLUMN-LINE
"C28"
5
          4F   CIRC      C28
80.0      80.96 0.3164 0.3666
  16
  1  #8    33.46     0.00
  1  #8    30.91    12.80
  1  #8    23.66    23.66
  1  #8    12.80    30.91
  1  #8     0.00    33.46
  1  #8   -12.80    30.91
  1  #8   -23.66    23.66
  1  #8   -30.91    12.80
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80
                                #4810    #4810.80    #4815
          3F   CIRC      C29
80.0      80.96 0.1791 0.2381
  16
  1  #8    33.46     0.00
  1  #8    30.91    12.80
  1  #8    23.66    23.66
  1  #8    12.80    30.91
  1  #8     0.00    33.46
  1  #8   -12.80    30.91
  1  #8   -23.66    23.66
  1  #8   -30.91    12.80
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80
                                #4810    #4810.80    #4815
          2F   CIRC      C29
80.0     101.28 0.2624 0.2306
  20
  1  #8    33.46     0.00
  1  #8    31.82    10.34
  1  #8    27.07    19.67
  1  #8    19.67    27.07
  1  #8    10.34    31.82
  1  #8     0.00    33.46
  1  #8   -10.34    31.82
  1  #8   -19.67    27.07
```

```
    1  #8   -27.07    16.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -16.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -16.67
    1  #8    31.82   -10.34
                                #4@10    #4@10.80     #4@15
          1F   CIRC      C29
80.0     101.29 0.2550 0.2559
  20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -16.67
    1  #8    31.82   -10.34
                                #4@10    #4@10.80     #4@15
          B1F  CIRC      C29
80.0     121.44 0.1614 0.2143
  24
    1  #8    33.46     0.00
    1  #8    32.32     8.66
    1  #8    28.98    16.73
    1  #8    23.66    23.66
    1  #8    16.73    28.98
    1  #8     8.66    32.32
    1  #8     0.00    33.46
    1  #8    -8.66    32.32
    1  #8   -16.73    28.98
    1  #8   -23.66    23.66
    1  #8   -28.98    16.73
    1  #8   -32.32     8.66
    1  #8   -33.46     0.00
    1  #8   -32.32    -8.66
    1  #8   -28.98   -16.73
    1  #8   -23.66   -23.66
    1  #8   -16.73   -28.98
    1  #8    -8.66   -32.32
    1  #8    -0.00   -33.46
    1  #8     8.66   -32.32
    1  #8    16.73   -28.98
    1  #8    23.66   -23.66
    1  #8    28.98   -16.73
    1  #8    32.32    -8.66
                                #4@10    #4@10.80     #4@15
$RCAD_ASCO COLUMN-LINE
*C28*
5
          4F   CIRC      C31
80.0      80.96 0.3360 0.3584
  16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4@10    #4@10.80     #4@15
          3F   CIRC      C31
80.0      80.96 0.3071 0.2242
  16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4@10    #4@10.80     #4@15
          2F   CIRC      C31
80.0      80.96 0.3572 0.2517
  16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
```



```
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4@10    #4@10.80     #4@15
          1F   CIRC      C31
80.0     101.29 0.1004 0.1004
  20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4@10    #4@10.80     #4@15
          B1F  CIRC      C31
80.0     101.20 0.1004 0.1004
  20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4@10    #4@10.80     #4@15
$RCAD_ASCO COLUMN-LINE
*C30*
5
          4F   CIRC      C33
80.0      80.96 9.3389 0.4040
  16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4@10    #4@10.80     #4@15
          3F   CIRC      C33
80.0      80.96 0.3216 0.2611
  16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4@10    #4@10.80     #4@15
          2F   CIRC      C33
80.0      80.96 0.3465 0.2564
  16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
```

```
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80
                                #4810    #4810.80      #4815
          1F   CIRC      C33
80.0     101.20 0.3168 0.2587
  20
  1  #8    33.46     0.00
  1  #8    31.82    10.34
  1  #8    27.07    19.67
  1  #8    19.67    27.07
  1  #8    10.34    31.82
  1  #8     0.00    33.46
  1  #8   -10.34    31.82
  1  #8   -19.67    27.07
  1  #8   -27.07    19.67
  1  #8   -31.82    10.34
  1  #8   -33.46     0.00
  1  #8   -31.82   -10.34
  1  #8   -27.07   -19.67
  1  #8   -19.67   -27.07
  1  #8   -10.34   -31.82
  1  #8    -0.00   -33.46
  1  #8    10.34   -31.82
  1  #8    19.67   -27.07
  1  #8    27.07   -19.67
  1  #8    31.82   -10.34
                                #4810    #4810.80      #4815
          BIF   CIRC      C33
80.0     101.20 0.1004 0.1004
  20
  1  #8    33.46     0.00
  1  #8    31.82    10.34
  1  #8    27.07    19.67
  1  #8    19.67    27.07
  1  #8    10.34    31.82
  1  #8     0.00    33.46
  1  #8   -10.34    31.82
  1  #8   -19.67    27.07
  1  #8   -27.07    19.67
  1  #8   -31.82    10.34
  1  #8   -33.46     0.00
  1  #8   -31.82   -10.34
  1  #8   -27.07   -19.67
  1  #8   -19.67   -27.07
  1  #8   -10.34   -31.82
  1  #8    -0.00   -33.46
  1  #8    10.34   -31.82
  1  #8    19.67   -27.07
  1  #8    27.07   -19.67
  1  #8    31.82   -10.34
                                #4810    #4810.80      #4815
$RCAD_ASCD COLUMN-LINE
*C31*
5
          4F   CIRC      C35
80.0      80.96 0.3386 0.2878
  16
  1  #8    33.46     0.00
  1  #8    30.91    12.80
  1  #8    23.66    23.66
  1  #8    12.80    30.91
  1  #8     0.00    33.46
  1  #8   -12.80    30.91
  1  #8   -23.66    23.66
  1  #8   -30.91    12.80
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80
                                #4810    #4810.80      #4815
          3F   CIRC      C35
80.0      80.96 0.3191 0.2455
  16
  1  #8    33.46     0.00
  1  #8    30.91    12.80
  1  #8    23.66    23.66
  1  #8    12.80    30.91
  1  #8     0.00    33.46
  1  #8   -12.80    30.91
  1  #8   -23.66    23.66
  1  #8   -30.91    12.80
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80
                                #4810    #4810.80      #4815
          2F   CIRC      C35
80.0      80.96 0.3107 0.2297
  16
  1  #8    33.46     0.00
  1  #8    30.91    12.80
  1  #8    23.66    23.66
  1  #8    12.80    30.91
  1  #8     0.00    33.46
  1  #8   -12.80    30.91
  1  #8   -23.66    23.66
  1  #8   -30.91    12.80
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
```



```
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80
                                #4810    #4810.80      #4815
          1F   CIRC      C35
80.0      101.20 0.3171 0.2437
  20
  1  #8    33.46     0.00
  1  #8    31.82    10.34
  1  #8    27.07    19.67
  1  #8    19.67    27.07
  1  #8    10.34    31.82
  1  #8     0.00    33.46
  1  #8   -10.34    31.82
  1  #8   -19.67    27.07
  1  #8   -27.07    19.67
  1  #8   -31.82    10.34
  1  #8   -33.46     0.00
  1  #8   -31.82   -10.34
  1  #8   -27.07   -19.67
  1  #8   -19.67   -27.07
  1  #8   -10.34   -31.82
  1  #8    -0.00   -33.46
  1  #8    10.34   -31.82
  1  #8    19.67   -27.07
  1  #8    27.07   -19.67
  1  #8    31.82   -10.34
                                #4810    #4810.80      #4815
          BIF   CIRC      C35
80.0      101.20 0.1094 0.1094
  20
  1  #8    33.46     0.00
  1  #8    31.82    10.34
  1  #8    27.07    19.67
  1  #8    19.67    27.07
  1  #8    10.34    31.82
  1  #8     0.00    33.46
  1  #8   -10.34    31.82
  1  #8   -19.67    27.07
  1  #8   -27.07    19.67
  1  #8   -31.82    10.34
  1  #8   -33.46     0.00
  1  #8   -31.82   -10.34
  1  #8   -27.07   -19.67
  1  #8   -19.67   -27.07
  1  #8   -10.34   -31.82
  1  #8    -0.00   -33.46
  1  #8    10.34   -31.82
  1  #8    19.67   -27.07
  1  #8    27.07   -19.67
  1  #8    31.82   -10.34
                                #4810    #4810.80      #4815
$RCAD_ASCD COLUMN-LINE
*C32*
5
          4F   CIRC      C37
80.0      80.96 0.3336 0.4585
  16
  1  #8    33.46     0.00
  1  #8    30.91    12.80
  1  #8    23.66    23.66
  1  #8    12.80    30.91
  1  #8     0.00    33.46
  1  #8   -12.80    30.91
  1  #8   -23.66    23.66
  1  #8   -30.91    12.80
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80
                                #4810    #4810.80      #4815
          3F   CIRC      C37
80.0      80.96 0.2233 0.2413
  16
  1  #8    33.46     0.00
  1  #8    30.91    12.80
  1  #8    23.66    23.66
  1  #8    12.80    30.91
  1  #8     0.00    33.46
  1  #8   -12.80    30.91
  1  #8   -23.66    23.66
  1  #8   -30.91    12.80
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80
                                #4810    #4810.80      #4815
          2F   CIRC      C37
80.0      80.96 0.3074 0.2815
  16
  1  #8    33.46     0.00
  1  #8    30.91    12.80
  1  #8    23.66    23.66
  1  #8    12.80    30.91
  1  #8     0.00    33.46
  1  #8   -12.80    30.91
  1  #8   -23.66    23.66
  1  #8   -30.91    12.80
  1  #8   -33.46     0.00
  1  #8   -30.91   -12.80
  1  #8   -23.66   -23.66
  1  #8   -12.80   -30.91
  1  #8    -0.00   -33.46
  1  #8    12.80   -30.91
  1  #8    23.66   -23.66
  1  #8    30.91   -12.80
```

```
                                                    #4@10    #4@10,80       #4@15
          1F   CIRC      C37
80.0    191.20 0.2591 0.2559
  20
    1   #8    33.46     0.00
    1   #8    31.82    10.34
    1   #8    27.07    19.67
    1   #8    19.67    27.07
    1   #8    10.34    31.82
    1   #8     0.00    33.46
    1   #8   -10.34    31.82
    1   #8   -19.67    27.07
    1   #8   -27.07    19.67
    1   #8   -31.82    10.34
    1   #8   -33.46     0.00
    1   #8   -31.82   -10.34
    1   #8   -27.07   -19.67
    1   #8   -19.67   -27.07
    1   #8   -10.34   -31.82
    1   #8    -0.00   -33.46
    1   #8    10.34   -31.82
    1   #8    19.67   -27.07
    1   #8    27.07   -19.67
    1   #8    31.82   -10.34
                                                    #4@10    #4@10,80       #4@15
          B1F   CIRC      C37
80.0    101.20 0.1004 0.1004
  20
    1   #8    33.46     0.00
    1   #8    31.82    10.34
    1   #8    27.07    19.67
    1   #8    19.67    27.07
    1   #8    10.34    31.82
    1   #8     0.00    33.46
    1   #8   -10.34    31.82
    1   #8   -19.67    27.07
    1   #8   -27.07    19.67
    1   #8   -31.82    10.34
    1   #8   -33.46     0.00
    1   #8   -31.82   -10.34
    1   #8   -27.07   -19.67
    1   #8   -19.67   -27.07
    1   #8   -10.34   -31.82
    1   #8    -0.00   -33.46
    1   #8    10.34   -31.82
    1   #8    19.67   -27.07
    1   #8    27.07   -19.67
    1   #8    31.82   -10.34
                                                    #4@10    #4@10,80       #4@15
$RCAD_ASCD COLUMN-LINE
"C39"
5
          4F   CIRC      C39
80.0     80.96 0.2151 0.2608
  16
    1   #8    33.46     0.00
    1   #8    39.91    12.80
    1   #8    23.66    23.66
    1   #8    12.80    30.91
    1   #8     0.00    33.46
    1   #8   -12.80    30.91
    1   #8   -23.66    23.66
    1   #8   -30.91    12.80
    1   #8   -33.46     0.00
    1   #8   -30.91   -12.80
    1   #8   -23.66   -23.66
    1   #8   -12.80   -30.91
    1   #8    -0.00   -33.46
    1   #8    12.80   -30.91
    1   #8    23.66   -23.66
    1   #8    30.91   -12.80
                                                    #4@10    #4@10,80       #4@15
          3F   CIRC      C39
80.0     80.96 0.1923 0.1134
  16
    1   #8    33.46     0.00
    1   #8    30.91    12.80
    1   #8    23.66    23.66
    1   #8    12.80    30.91
    1   #8     0.00    33.46
    1   #8   -12.80    30.91
    1   #8   -23.66    23.66
    1   #8   -30.91    12.80
    1   #8   -33.46     0.00
    1   #8   -30.91   -12.80
    1   #8   -23.66   -23.66
    1   #8   -12.80   -30.91
    1   #8    -0.00   -33.46
    1   #8    12.80   -30.91
    1   #8    23.66   -23.66
    1   #8    30.91   -12.80
                                                    #4@10    #4@10,80       #4@15
          2F   CIRC      C39
80.0     80.96 0.2323 0.2674
  16
    1   #8    33.46     0.00
    1   #8    30.91    12.80
    1   #8    23.66    23.66
    1   #8    12.80    30.91
    1   #8     0.00    33.46
    1   #8   -12.80    30.91
    1   #8   -23.66    23.66
    1   #8   -30.91    12.80
    1   #8   -33.46     0.00
    1   #8   -30.91   -12.80
    1   #8   -23.66   -23.66
    1   #8   -12.80   -30.91
    1   #8    -0.00   -33.46
    1   #8    12.80   -30.91
    1   #8    23.66   -23.66
    1   #8    30.91   -12.80
                                                    #4@10    #4@10,80       #4@15
          1F   CIRC      C38
80.0    101.20 0.1199 0.1084
  20
```



```
    1   #8    33.46     0.00
    1   #8    31.82    10.34
    1   #8    27.07    19.67
    1   #8    19.67    27.07
    1   #8    10.34    31.82
    1   #8     0.00    33.46
    1   #8   -10.34    31.82
    1   #8   -19.67    27.07
    1   #8   -27.07    19.67
    1   #8   -31.82    10.34
    1   #8   -33.46     0.00
    1   #8   -31.82   -10.34
    1   #8   -27.07   -19.67
    1   #8   -19.67   -27.07
    1   #8   -10.34   -31.82
    1   #8    -0.00   -33.46
    1   #8    10.34   -31.82
    1   #8    19.67   -27.07
    1   #8    27.07   -19.67
    1   #8    31.82   -10.34
                                                    #4@10    #4@10,80       #4@15
          B1F   CIRC      C39
80.0    101.20 0.1409 0.1223
  26
    1   #8    33.46     0.00
    1   #8    31.82    10.34
    1   #8    27.07    19.67
    1   #8    19.67    27.07
    1   #8    10.34    31.82
    1   #8     0.00    33.46
    1   #8   -10.34    31.82
    1   #8   -19.67    27.07
    1   #8   -27.07    19.67
    1   #8   -31.82    10.34
    1   #8   -33.46     0.00
    1   #8   -31.82   -10.34
    1   #8   -27.07   -19.67
    1   #8   -19.67   -27.07
    1   #8   -10.34   -31.82
    1   #8    -0.00   -33.46
    1   #8    10.34   -31.82
    1   #8    19.67   -27.07
    1   #8    27.07   -19.67
    1   #8    31.82   -10.34
                                                    #4@10    #4@10,80       #4@15
```

行政樓：

梁配筋

```
F.NO=-52-2 2F                "2FG54"( 40* 70)                "2FG85"( 40* 70)
TOP.req                 0.00   11.98   18.20           19.15   14.14    3.13
TOP1          #8           4       4       4     #8        4       4       4
TOP2          #8           0       0       0     #8        0       0       0

BOT2          #8           0       0       0     #8        0       0       0
BOT1          #8           3       3       3     #8        3       3       3
BOT.req                 2.73    6.48    8.66            0.00    0.00    4.22

ST1R                  #4@12   #4@12   #4@12           #3@12   #3@12   #3@12
ST1R.req               0.1299  0.0584  0.1518          0.1000  0.1000  0.1000
WEB                       2#4                             2#4
WEB.req                 0.00                            0.00
LEVEL                   0.00                            0.00    0.00
BW.H.LR       0                                                               0
C-CLEN        0          155                             252                   0
UCOL.W        0                                  0                            0
DCOL.W      -40                                 80                          -40
DCOL.H      -70                                  0                          -70


F.NO=-45-1 2F                "2FG59"( 40* 70)
TOP.req                 17.83    9.17   18.14
TOP1          #8           4       3       4
TOP2          #8           0       0       0

BOT2          #8           0       0       0
BOT1          #8           3       3       3
BOT.req                 11.33   10.32   11.34

ST1R                  #4@12   #4@20   #4@12
ST1R.req               0.1801  0.0560  0.1805
WEB                       0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BW.H.LR       0                                  0
C-CLEN        0          805                     0
UCOL.W        0                                  0
DCOL.W       50                                 50
DCOL.H        0                                  0


F.NO=-45-3 PF                "PFG51"( 50* 70)                "PFG52"( 50* 70)
TOP.req                 14.62    6.82   12.28           17.29    8.21   18.29
TOP1          #8           3       3       4     #8        4       3       4
TOP2          #8           0       0       0     #8        0       0       0

BOT2          #8           0       0       0     #8        0       0       0
BOT1          #8           3       3       3     #8        3       3       3
BOT.req                 12.72    8.61   10.55           10.65   13.22   10.55

ST1R                  #4@10   #4@10   #4@10           #4@10   #4@20   #4@10
ST1R.req               0.2365  0.1010  0.2135          0.2127  0.0788  0.2184
WEB                       0#3                             0#3
WEB.req                 0.00                            0.00
LEVEL                   0.00                            0.00    0.00
BW.H.LR       0                                                               0
C-CLEN        0          500                             715                   0
UCOL.W        0                                  0                            0
DCOL.W       80                                 80                           80
```

DCOL.H	0					0							0
F.NO=-45-1 1F			*1FFG58*(40*145)										
TOP.req			17.09	16.67	18.94								
TOP1	#6		4	4	4								
TOP2	#8		0	0	0								
BOT2	#6		0	0	0								
BOT1	#8		5	3	5								
BOT.req			20.98	10.33	18.81								
STIR			#4@10	#4@10	#4@10								
STIR.req			0.2228	0.0946	0.2118								
WEB			4#4										
WEB.req			0.00										
LEVEL			0.00	0.00									
BM.H.LR	0					0							
C-CLEN	0		803			0							
UCOL.W	50					50							
DCOL.W	0					0							
DCOL.H	0					0							
F.NO=-45-3 R1F			*R1FG51*(50* 70)						*R1FG52*(50* 70)				
TOP.req			29.86	11.39	25.70				28.56	10.55	30.29		
TOP1	#8		6	3	6	#8			6	3	6		
TOP2	#8		0	0	0	#8			0	0	0		
BOT2	#8		0	0	0	#8			0	0	0		
BOT1	#8		5	3	5	#8			5	3	4		
BOT.req			29.50	12.46	23.20				13.76	10.90	15.84		
STIR			2#5@15	2#5@15	2#5@15				#5@12	#5@20	#5@12		
STIR.req			0.4068	0.1670	0.3410				0.3054	0.1477	0.2812		
WEB			0#3						0#3				
WEB.req			0.00						0.00				
LEVEL			0.00						0.00	0.00			
BM.H.LR	0												0
C-CLEN	0		500						715				0
UCOL.W	80					80							80
DCOL.W	80					80							80
DCOL.H	0					0							0
F.NO=-45-3 3F			*3FG51*(50* 70)						*3FG52*(50* 70)				
TOP.req			45.05	22.99	41.42				38.83	16.02	45.46		
TOP1	#8		7	5	7	#8			7	4	7		
TOP2	#8		2	0	2	#8			2	0	2		
BOT2	#8		2	0	2	#8			2	0	0		
BOT1	#8		7	5	6	#8			6	4	6		
BOT.req			41.31	22.35	40.40				23.73	16.58	27.65		
STIR			2#5@15	2#5@15	2#5@15				#5@10	#5@15	#5@10		
STIR.req			0.4797	0.3522	0.4855				0.3881	0.2263	0.3615		
WEB			0#3						0#3				
WEB.req			0.00						0.00				
LEVEL			0.00						0.00	0.00			
BM.H.LR	0												0
C-CLEN	0		500						715				0
UCOL.W	80					80							80
DCOL.W	80					80							80
DCOL.H	0					0							0
F.NO=-45-3 2F			*2FG51*(50* 70)						*2FG52*(50* 70)				
TOP.req			45.85	23.98	44.18				44.49	18.16	46.93		
TOP1	#8		7	5	7	#8			7	4	7		
TOP2	#8		3	0	2	#8			2	0	3		
BOT2	#8		2	0	2	#8			2	0	0		
BOT1	#8		7	5	6	#8			6	4	6		
BOT.req			45.48	24.35	40.41				23.86	18.21	27.72		
STIR			2#5@12	2#5@12	2#5@12				2#5@15	2#5@20	2#5@15		
STIR.req			0.4817	0.3817	0.6278				0.4723	0.2878	0.4294		
WEB			0#3						0#3				
WEB.req			0.00						0.00				
LEVEL			0.00						0.00	0.00			
BM.H.LR	0												0
C-CLEN	0		500						715				0
UCOL.W	80					80							80
DCOL.W	80					80							80
DCOL.H	0					0							0
F.NO=-45-3 1F			*1FFG51*(50*145)						*1FFG52*(50*145)				
TOP.req			23.19	24.56	30.02				23.45	30.02	25.70		
TOP1	#8		5	5	6	#8			5	6	6		
TOP2	#8		0	0	0	#8			0	0	0		
BOT2	#8		0	0	3	#8			3	0	2		
BOT1	#8		7	6	7	#8			7	4	7		
BOT.req			31.36	28.26	28.62				45.89	18.23	40.89		
STIR			#4@15	#4@15	#4@15				#5@12	#5@12	#5@12		
STIR.req			0.1273	0.1250	0.1610				0.3018	0.0662	0.2332		
WEB			4#4						4#4				
WEB.req			0.00						0.00				
LEVEL			0.00						0.00	0.00			
BM.H.LR	0												0
C-CLEN	0		500						715				0
UCOL.W	80					80							80
DCOL.W	0					0							0
DCOL.H	0					0							0
F.NO=-45-8 PF			*PFG58*(50* 70)						*PFG54*(50* 70)				
TOP.req			12.09	5.23	11.20				16.20	7.40	17.30		
TOP1	#8		3	3	4	#8			4	3	4		
TOP2	#8		0	0	0	#8			0	0	0		
BOT2	#8		0	0	0	#8			0	0	0		
BOT1	#8		3	3	3	#8			3	3	3		

BOT.req			11.38	7.16	9.80				10.54	13.19	10.55		
STIR			#4@12	#4@12	#4@12				#4@12	#4@20	#4@12		
STIR.req			0.1954	0.0813	0.1967				0.1956	0.0816	0.1971		
WEB			0#3						0#3				
WEB.req			0.00						0.00				
LEVEL			0.00						0.00	0.00			
BM.H.LR	0												0
C-CLEN	0		500						715				0
UCOL.W	0					0							0
DCOL.W	80					80							80
DCOL.H	0					0							0
F.NO=XX-3 1F			*1FB60A*(50* 70)										
TOP.req			6.34	7.30	10.55								
TOP1	#8		3	3	3								
TOP2	#8		0	0	0								
BOT2	#8		0	0	0								
BOT1	#8		3	3	3								
BOT.req			12.95	7.85	9.40								
STIR			#4@15	#4@15	#4@15								
STIR.req			0.1243	0.0418	0.1568								
WEB			0#3										
WEB.req			0.00										
LEVEL			0.00	0.00									
BM.H.LR	0					0							
C-CLEN	0		480			0							
UCOL.W	0					0							
DCOL.W	-50					0							
DCOL.H	-145					0							
F.NO=-45-8 R1F			*R1FG53*(50* 70)						*R1FG54*(50* 70)				
TOP.req			31.17	10.73	26.70				35.75	10.55	33.41		
TOP1	#8		7	3	6	#8			6	3	7		
TOP2	#8		0	0	2	#8			2	0	0		
BOT2	#8		0	0	0	#8			0	0	0		
BOT1	#8		4	3	4	#8			4	5	4		
BOT.req			16.43	14.61	15.97				17.32	23.72	15.84		
STIR			2#5@15	2#5@15	2#5@15				#5@10	#5@20	#5@10		
STIR.req			0.4992	0.2287	0.3738				0.3421	0.1839	0.3204		
WEB			0#3						0#3				
WEB.req			0.00						0.00				
LEVEL			0.00						0.00	0.00			
BM.H.LR	0												0
C-CLEN	0		500						715				0
UCOL.W	80					80							80
DCOL.W	80					80							80
DCOL.H	0					0							0
F.NO=-45-8 3F			*3FG53*(50* 70)						*3FG54*(50* 70)				
TOP.req			36.68	17.22	30.85				45.10	11.59	36.46		
TOP1	#8		6	4	7	#8			4	3	6		
TOP2	#8		2	0	2	#8			2	0	2		
BOT2	#8		0	0	0	#8			0	0	0		
BOT1	#8		7	4	7	#8			7	5	4		
BOT.req			30.73	19.95	34.83				20.03	21.75	17.20		
STIR			2#5@15	2#5@15	2#5@15				2#5@15	#5@15	2#5@15		
STIR.req			0.4530	0.3013	0.4378				0.4102	0.2268	0.3644		
WEB			0#3						0#3				
WEB.req			0.00						0.00				
LEVEL			0.00						0.00	0.00			
BM.H.LR	0												0
C-CLEN	0		500						715				0
UCOL.W	80					80							80
DCOL.W	80					80							80
DCOL.H	0					0							0
F.NO=-45-8 2F			*2FG53*(50* 70)						*2FG54*(50* 70)				*2FCG54*(50* 70)
TOP.req			37.88	26.46	41.00				48.09	12.05	47.42		11.44 10.55 8.20
TOP1	#8		6	5	7	#8			7	4	7	#8	7 7 7
TOP2	#8		2	0	3	#8			3	0	3	#8	3 3 3
BOT2	#8		2	0	0	#8			0	0	0	#8	0 0 0
BOT1	#8		6	5	7	#8			7	5	5	#8	5 5 5
BOT.req			38.04	20.97	33.81				22.19	21.40	21.91		10.49 9.23 4.96
STIR			2#5@15	2#5@15	2#5@15				2#5@15	2#5@20	2#5@15		#4@12 #4@12 #4@12
STIR.req			0.4286	0.3266	0.4662				0.4687	0.3162	0.4623		0.1805 0.0626 0.1521
WEB			0#3						0#3				0#3
WEB.req			0.00						0.00				0.00
LEVEL			0.00						0.00	0.00			0.00 0.00
BM.H.LR	0												0
C-CLEN	0		500						715				259 0
UCOL.W	80					80						80	0
DCOL.W	80					80						80	-30
DCOL.H	0					0						0	-70
F.NO=-45-8 1F			*1FFG53*(50*145)						*1FFG54*(50*145)				*1FCG54*(50* 70)
TOP.req			28.58	20.98	30.02				18.03	30.02	18.23		6.40 4.99 2.08
TOP1	#6		6	5	6	#8			6	6	5	#8	5 5 5
TOP2	#8		0	0	0	#8			0	0	0	#8	0 0 0
BOT2	#8		0	0	2	#8			2	0	2	#8	0 0 0
BOT1	#8		7	5	7	#8			7	3	7	#8	3 3 3
BOT.req			30.87	23.69	25.25				43.45	14.00	40.65		8.31 6.73 6.54
STIR			#4@12	#4@12	#4@12				#5@12	#5@12	#5@12		#3@10 #3@10 #3@10
STIR.req			0.1752	0.1250	0.1391				0.2928	0.0804	0.2651		0.1250 0.1250 0.1250
WEB			4#4						4#4				0#3
WEB.req			0.00						0.00				0.00
LEVEL			0.00						0.00				6.00 0.00
BM.H.LR	0												0
C-CLEN	0		500						715				259 0
UCOL.W	80					80						80	0

| | | |

```
UCOL.W      0                                  80                                  80                                  80
DCOL.W    -50                                  80                                  80                                  80
DCOL.H    -70                                   0                                   0                                   0

F.NO=XX-8 1F                 *1FCFB82*( 50*145)                  *1FFB82*( 50*145)                  *1FB83*( 50*145)
TOP.req                 28.26   25.67   19.25       16.91   16.00   16.85       18.78   15.23   19.34
TOP1          #8            6       6       4   #8      4       4       4   #8      4       4       4
TOP2          #8            0       0       0   #8      0       0       0   #8      0       0       0

BOT2          #8            0       0       2   #8      2       0       0   #8      0       0       0
BOT1          #8            6       3       6   #8      6       3       6   #8      6       3       6
BOT.req                 28.01   13.64   39.15       25.07   12.73   24.55       25.92   12.95   25.13

STIR                  #3@10   #3@20   #3@10       #2@20   #3@20   #3@20       #3@20   #3@20   #3@20
STIR.req               0.0628  0.0000  0.1299      0.0628  0.0000  0.0628      0.0628  0.0000  0.0628
WEB                       4#4                         4#4                         4#4
WEB.req                 0.00                        0.00                        0.00
LEVEL                   0.00                        0.00                        0.00    0.00
BM.H.LR       0                                                                                       145
C-CLEN        0           980                         850                         850                 850
UCOL.W        0                                  80                                  80                  80
DCOL.W      -80                                   0                                   0                   0
DCOL.H     -145                                   0                                   0                   0

F.NO=XX-8 RIF                *R1FB84*( 50* 70)
TOP.req                 23.39   11.83   21.05
TOP1          #8            5       3       5
TOP2          #8            0       0       0

BOT2          #8            0       0       0
BOT1          #8            3       3       3
BOT.req                 11.29   10.55   12.03

STIR                  #4@12   #4@20   #4@12
STIR.req               0.2043  0.0586  0.1922
WEB                       6#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR       70                                  0
C-CLEN       850          850                    0
UCOL.W         0                                  0
DCOL.W        80                                 80
DCOL.H         0                                  0

F.NO=XX-8 3F                 *3FB84*( 50* 70)                  *3FCB64*( 40* 70)
TOP.req                 32.93   12.81   34.41       9.28    6.90    6.47
TOP1          #8            7       3       7   #8      4       4       4
TOP2          #8            0       0       0   #8      0       0       0

BOT2          #8            0       0       0   #8      0       0       0
BOT1          #8            4       3       5   #8      3       3       3
BOT.req                 19.44   13.64   21.05       5.78    6.96    5.38

STIR                  #5@12   #5@20   #5@12       #4@12   #4@12   #4@12
STIR.req               0.2711  0.1165  0.2702      0.1830  0.0961  0.1750
WEB                       9#3                         6#3
WEB.req                 0.00                        0.00
LEVEL                   0.00                        0.00    0.00
BM.H.LR       70                                                                                      0
C-CLEN       850          850                         193                                            0
UCOL.W        80                                  80                                              0
DCOL.W        80                                  80                                            -40
DCOL.H         0                                   0                                            -70

F.NO=XX-8 2F                 *2FB84*( 50* 70)                  *2FCB64*( 50* 70)
TOP.req                 31.19   10.55   26.54       31.18   24.01   14.07
TOP1          #8            7       3       7   #8      7       7       7
TOP2          #8            0       0       0   #8      0       0       0

BOT2          #8            0       0       0   #8      0       0       0
BOT1          #8            4       3       7   #8      7       7       7
BOT.req                 17.08   11.67   17.66       32.18   25.07   11.87

STIR                  #5@15   #5@20   #5@15       #3@10   #3@10   #3@10
STIR.req               0.2555  0.1333  0.2380      0.1250  0.1250  0.1250
WEB                       6#3                         6#3
WEB.req                 0.00                        0.00
LEVEL                   0.00                        0.00    0.00
BM.H.LR       70                                                                                      0
C-CLEN       850          850                         210                                            0
UCOL.W        80                                  80                                              0
DCOL.W        80                                  80                                            -40
DCOL.H         0                                   0                                            -70

F.NO=XX-8 1F                 *1FFB64*( 50*145)                  *1FB85*( 50* 70)
TOP.req                 19.31   18.31   21.58       10.55   11.84   19.09
TOP1          #8            4       4       5   #8      5       4       4
TOP2          #8            0       0       0   #8      0       0       0

BOT2          #8            0       0       0   #8      0       0       0
BOT1          #8            6       3       5   #8      4       3       3
BOT.req                 26.15   13.02   25.23       15.58   10.55   11.53

STIR                  #3@20   #3@20   #3@20       #4@10   #4@10   #4@10
STIR.req               0.0628  0.0000  0.0628      0.2376  0.1225  0.2088
WEB                       4#4                         6#3
WEB.req                 0.00                        0.00
LEVEL                   0.00                        0.00    0.00
BM.H.LR       145                                                                                     0
C-CLEN       850          850                         480                                            0
UCOL.W        80                                  80                                              80
DCOL.W         0                                   0                                              0
DCOL.H         0                                   0                                              0

F.NO=6-1 RIF                 *R1FB52*( 50* 70)                  *R1FB53*( 50* 70)                  *R1FB54*( 50* 70)
TOP.req                 19.49   10.55   21.84       18.75   11.59   19.38       19.79   11.72   20.38
TOP1          #8            4       4       5   #8      4       3       4   #8      4       3       5
TOP2          #8            0       0       0   #8      0       0       0   #8      0       0       0
```



```
BOT2          #8            0       0       0   #8      0       0       0   #8      0       0       0
BOT1          #8            4       4       4   #8      3       3       3   #8      3       3       3
BOT.req                 19.44   10.55   16.98       10.55   10.55   16.92       11.04   10.32   10.90

STIR                  #5@10   #5@10   #5@10       #4@12   #4@20   #4@12       #4@12   #4@20   #4@12
STIR.req               0.3106  0.2154  0.3355      0.1767  0.0310  0.1741      0.1784  0.0353  0.1809
WEB                       6#3                         6#3                         6#3
WEB.req                 0.00                        0.00                        0.00
LEVEL                   0.00                        0.00                        0.00    0.00
BM.H.LR       0                                                                                       70
C-CLEN        0           890                         850                         850                 850
UCOL.W       80                                  0                                   0                   0
DCOL.W       80                                  80                                  80                  80
DCOL.H        0                                   0                                   0                   0

F.NO=6-1 3F                  *3FB52*( 50* 70)                  *3FB53*( 50* 70)                  *3FB54*( 50* 70)
TOP.req                 35.56   16.86   40.50       30.52   10.55   32.81       32.96   10.55   33.43
TOP1          #8            6       6       6   #8      7       3       7   #8      7       3       7
TOP2          #8            2       2       2   #8      0       0       0   #8      0       0       0

BOT2          #8            0       0       0   #8      0       0       0   #8      0       0       0
BOT1          #8            7       7       7   #8      4       3       4   #8      4       3       4
BOT.req                 35.46   13.88   34.34       15.07   12.13   16.90       16.83   12.07   16.36

STIR                  2#5@12  2#5@12  2#5@12      #5@12   #5@20   #5@12       #5@12   #5@20   #5@12
STIR.req               0.5329  0.4380  0.5546      0.2687  0.1030  0.2718      0.2753  0.1085  0.2773
WEB                       9#3                         9#3                         9#3
WEB.req                 0.00                        0.00                        0.00
LEVEL                   0.00                        0.00                        0.00    0.00
BM.H.LR       0                                                                                       70
C-CLEN        0           390                         850                         850                 850
UCOL.W       80                                  80                                  80                  80
DCOL.W       80                                  80                                  80                  80
DCOL.H        0                                   0                                   0                   0

F.NO=6-1 2F                  *2FB52*( 50* 70)                  *2FB53*( 50* 70)                  *2FB54*( 50* 70)
TOP.req                 39.10   18.48   44.21       28.44   10.55   29.80       31.21   10.02   31.45
TOP1          #8            6       5       7   #8      6       3       6   #8      7       3       7
TOP2          #8            2       2       2   #8      0       0       0   #8      0       0       0

BOT2          #8            0       0       0   #8      0       0       0   #8      0       0       0
BOT1          #8            7       7       7   #8      3       3       4   #8      4       3       4
BOT.req                 33.02   19.08   34.98       14.77   12.10   16.84       18.50   11.87   18.41

STIR                  2#5@12  2#5@12  2#5@12      #5@15   #5@20   #5@15       #5@15   #5@20   #5@15
STIR.req               0.5884  0.4403  0.5894      0.2552  0.0930  0.2528      0.2575  0.0991  0.2584
WEB                       9#3                         9#3                         9#3
WEB.req                 0.00                        0.00                        0.00
LEVEL                   0.00                        0.00                        0.00    0.00
BM.H.LR       0                                                                                       70
C-CLEN        0           389                         850                         850                 850
UCOL.W       80                                  80                                  80                  80
DCOL.W       80                                  80                                  80                  80
DCOL.H        0                                   0                                   0                   0

F.NO=6-1 1F                  *1FFB52*( 50*145)                  *1FFB53*( 50*145)                  *1FFB54*( 50*145)
TOP.req                 26.88   13.04   30.02       22.08   15.88   22.70       20.90   15.53   22.17
TOP1          #8            6       6       6   #8      6       4       5   #8      5       4       5
TOP2          #8            0       0       0   #8      0       0       0   #8      0       0       0

BOT2          #8            0       0       0   #8      0       0       0   #8      0       0       0
BOT1          #8            6       5       6   #8      6       3       6   #8      6       3       6
BOT.req                 30.18   17.02   30.02       30.02   13.69   30.02       30.02   13.23   30.02

STIR                  #3@10   #3@10   #3@10       #3@20   #3@20   #3@20       #3@20   #3@20   #3@20
STIR.req               0.1250  0.1250  0.1250      0.0628  0.0000  0.0628      0.0628  0.0000  0.0628
WEB                       4#4                         4#4                         4#4
WEB.req                 0.00                        0.00                        0.00
LEVEL                   0.00                        0.00                        0.00    0.00
BM.H.LR       0                                                                                       145
C-CLEN        0           398                         850                         850                 850
UCOL.W       80                                  80                                  80                  80
DCOL.W        0                                   0                                   0                   0
DCOL.H        0                                   0                                   0                   0

F.NO=6-1 RIF                 *R1FB55*( 50* 70)
TOP.req                 20.75   12.41   20.55
TOP1          #8            5       3       5
TOP2          #8            0       0       0

BOT2          #8            0       0       0
BOT1          #8            6       3       3
BOT.req                 11.20   10.55   12.41

STIR                  #4@12   #4@20   #4@12
STIR.req               0.1869  0.0413  0.1825
WEB                       6#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR       70                                  0
C-CLEN       850          850                    0
UCOL.W         0                                  0
DCOL.W        80                                 80
DCOL.H         0                                  0

F.NO=45-1 PF                 *PFB56*( 50* 70)
TOP.req                 14.44    8.59   16.57
TOP1          #8            4       3       4
TOP2          #8            0       0       0

BOT2          #8            0       0       0
BOT1          #8            3       3       3
BOT.req                 12.57   11.48   10.55

STIR                  #4@12   #4@20   #4@12
STIR.req               0.1801  0.0503  0.1800
WEB                       6#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR       0                                   0
```

```
C-CLEN          0       705                             0
UCOL.W          0                                       0
DCOL.W         80                                      80
DCOL.H          0                                       0

F.NO=6-1 3F                     '3FB55'( 50* 70)
TOP.req                 33.41   16.55   33.49
TOP1           #6        7       3       7
TOP2           #6        0       0       0

BOT2           #6        0       0       0
BOT1           #6        4       3       4
BOT.req                 16.56   12.65   17.35

STIR                   #5@12   #5@20   #5@12
STIR.req                0.2672  0.1198  0.2848
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR         70                                      0
C-CLEN         850      850                             0
UCOL.W          80                                     80
DCOL.W          80                                     80
DCOL.H           0                                      0

F.NO=45-1 R1F                   'R1FB56'( 50* 70)
TOP.req                 23.26   18.55   24.43
TOP1           #8        5       3       5
TOP2           #8        0       0       0

BOT2           #8        0       0       0
BOT1           #8        3       3       3
BOT.req                 14.02   19.55   13.49

STIR                   #5@15   #5@20   #5@15
STIR.req                0.2572  0.1107  0.2637
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR         0                                       0
C-CLEN          0       705                             0
UCOL.W         80                                      80
DCOL.W         80                                      80
DCOL.H          0                                       0

F.NO=6-1 2F                     '2FB55'( 50* 70)
TOP.req                 34.59   10.99   34.28
TOP1           #8        7       3       7
TOP2           #8        0       0       0

BOT2           #8        0       0       0
BOT1           #8        4       3       4
BOT.req                 18.00   13.89   19.29

STIR                   #5@12   #5@20   #5@12
STIR.req                0.3018  0.1259  0.2968
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR         70                                      0
C-CLEN         850      850                             0
UCOL.W          80                                     80
DCOL.W          80                                     80
DCOL.H           0                                      0

F.NO=45-1 3F                    '3FB56'( 50* 70)
TOP.req                 37.75   11.65   33.28
TOP1           #8        6       3       6
TOP2           #8        2       0       2

BOT2           #8        0       0       0
BOT1           #8        5       4       5
BOT.req                 23.82   15.27   21.08

STIR                   #5@10   #5@18   #5@10
STIR.req                0.3744  0.2000  0.3422
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR         0                                       0
C-CLEN          0       705                             0
UCOL.W         80                                      80
DCOL.W         80                                      80
DCOL.H          0                                       0

F.NO=6-1 1F                     '1FFB55'( 50*145)
TOP.req                 21.19   16.93   23.63
TOP1           #8        5       4       5
TOP2           #8        0       0       0

BOT2           #8        0       0       0
BOT1           #8        6       3       6
BOT.req                 30.02   13.98   30.02

STIR                   #3@20   #3@20   #3@20
STIR.req                0.0626  0.0000  0.0628
WEB                        4#4
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR         145                                     0
C-CLEN          850      856                            0
UCOL.W          80                                     80
DCOL.W           0                                      0
DCOL.H           0                                      0

F.NO=45-1 2F                    '2FB55'( 50* 70)
TOP.req                 38.51   12.51   34.12
TOP1           #8        6       3       6
TOP2           #8        2       0       2
```



```
BOT2           #8        0       0       0
BOT1           #8        5       4       5
BOT.req                 24.59   16.09   22.18

STIR                   #5@10   #5@18   #5@10
STIR.req                0.3799  0.2029  0.3441
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR         0                                       0
C-CLEN          0       705                             0
UCOL.W         80                                      80
DCOL.W         80                                      80
DCOL.H          0                                       0

F.NO=45-1 1F                    '1FFB56'( 50*145)               '1FCFB56'( 50*145)
TOP.req                 22.79   20.71   16.80                   1.67   23.27   22.58
TOP1           #8        5       6       5       #8              5       5       5
TOP2           #8        0       0       0       #8              0       0       0

BOT2           #8        0       0       3       #8              3       0       0
BOT1           #8        7       3       7       #8              7       3       3
BOT.req                 31.14   12.26   35.27                   50.42    9.44    7.44

STIR                   #4@15   #4@15   #4@15                   #5@12   #5@20   #5@12
STIR.req                0.1869  0.0000  0.1549                  0.2874  0.0061  0.3828
WEB                        4#4                                     4#4
WEB.req                 0.00                                    0.00
LEVEL                   0.00                                    0.00    0.00
BM.H.LR         0                                                                       0
C-CLEN          0       705                                     918                     0
UCOL.W         80                                      80                              0
DCOL.W          0                                       0                            -50
DCOL.H          0                                       0                           -145

F.NO=45-2 2F                    '2FB56A'( 40* 70)
TOP.req                 16.98    7.20   16.08
TOP1           #8        4       3       4
TOP2           #8        0       0       0

BOT2           #8        0       0       0
BOT1           #8        3       3       3
BOT.req                 9.13   13.70    8.52

STIR                   #4@10   #4@20   #4@10
STIR.req                0.2304  0.1213  0.2214
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR         0                                       0
C-CLEN          0       530                             0
UCOL.W          0                                       0
DCOL.W         50                                     -50
DCOL.H          0                                      -70

F.NO=45-8 PF                    'PFBG1'( 50* 70)
TOP.req                 14.29    8.76   13.34
TOP1           #8        3       3       3
TOP2           #8        0       0       0

BOT2           #8        0       0       0
BOT1           #8        3       3       3
BOT.req                 12.91   10.99   10.95

STIR                   #4@12   #4@20   #4@12
STIR.req                0.1741  0.9387  0.1674
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR         0                                       0
C-CLEN          0       705                             0
UCOL.W          0                                       0
DCOL.W         80                                      80
DCOL.H          0                                       0

F.NO=45-2 1F                    '1FFB56A'( 40*145)
TOP.req                 15.80   24.02    7.91
TOP1           #8        4       5       3
TOP2           #8        0       0       0

BOT2           #8        0       0       0
BOT1           #8        4       3       4
BOT.req                 18.21    7.91   15.32

STIR                   #4@12   #4@12   #4@12
STIR.req                0.1911  0.6900  0.1695
WEB                        4#4
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR         0                                       0
C-CLEN          0       530                             0
UCOL.W         50                                       0
DCOL.W          0                                     -50
DCOL.H          0                                    -145

F.NO=45-8 R1F                   'R1FB51'( 50* 70)
TOP.req                 18.80   13.52   16.58
TOP1           #8        4       3       4
TOP2           #8        0       0       0

BOT2           #8        0       0       0
BOT1           #8        3       3       3
BOT.req                 11.45   10.26   11.47

STIR                   #4@12   #4@20   #4@12
STIR.req                0.1941  0.0573  0.1851
WEB                        0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
```

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| | | |

```
WEB.req              0.00
LEVEL                0.00     0.00
BM.H.LR      0                                 0
C-CLEN       0       715                       0
UCOL.W       0                                80
DCOL.W       0                                 0
DCOL.H       0                                 0


F.NO=YY-11 3F                 "3FG61"( 50* 70)                 "3FG62"( 50* 70)
TOP.req                  45.98    15.05    46.88           45.89    15.30    43.64
TOP1         #8           7        4        7      #8        7        4        7
TOP2         #8           3        0        3      #8        3        0        2

BOT2         #8           2        0        0      #8        0        0        0
BOT1         #8           6        4        7      #8        7        4        6
BOT.req                  38.13    17.54    35.35           25.58    18.69    28.30

STIR                  2#5@12   2#5@12   2#5@12          2#5@15   2#5@20   2#5@15
STIR.req               0.5368   0.4116   0.5472          0.5283   0.3952   0.4535
WEB                       @43                              @43
WEB.req                 0.00                             0.00
LEVEL                   0.00                             0.00     0.00
BM.H.LR      0                                                              0
C-CLEN       0       508                               615                   0
UCOL.W      80                                80                            80
DCOL.W      80                                80                            80
DCOL.H       0                                 0                             0


F.NO=YY-11 2F                 "2FG61"( 50* 70)                 "2FG62"( 50* 70)
TOP.req                  52.93    17.85    51.41           50.73    15.45    46.60
TOP1         #8           7        4        7      #8        7        4        7
TOP2         #8           4        0        4      #8        4        0        3

BOT2         #8           3        0        2      #8        2        0        0
BOT1         #8           7        4        7      #8        7        4        7
BOT.req                  45.96    19.45    42.34           32.43    17.85    31.81

STIR                  2#5@12   2#5@12   2#5@12          2#5@15   2#5@20   2#5@15
STIR.req               0.5754   0.4506   0.5856          0.5113   0.3704   0.4804
WEB                       @43                              @43
WEB.req                 0.00                             0.00
LEVEL                   0.00                             0.00     0.00
BM.H.LR      0                                                              0
C-CLEN       0       506                               615                   0
UCOL.W      80                                80                            80
DCOL.W      80                                80                            80
DCOL.H       0                                 0                             0


F.NO=YY-11 1F                 "1FG61"( 50*145)                 "1FG62"( 50*145)
TOP.req                  23.62    23.38    30.92           30.02    21.80    30.02
TOP1         #8           5        5        6      #8        6        5        6
TOP2         #8           0        0        0      #8        0        0        0

BOT2         #8           0        0        0      #8        0        0        0
BOT1         #8           3        3        3      #8        6        5        7
BOT.req                  0.00     0.00     0.00           29.63    20.76    33.72           32.49    19.87    34.36

STIR                  #3@10    #3@10    #3@10          #4@12    #4@12    #4@12          #4@15    #4@15    #4@15
STIR.req               0.1250   0.1250   0.1250          0.1474   0.0504   0.1940          0.1412   0.1250   0.1491
WEB                       @43                              @44                              @44
WEB.req                 0.00                             0.00                             0.00
LEVEL                   0.00                             0.00                             0.00     0.00
BM.H.LR      0                                                                                                       0
C-CLEN       0       233                               509                               615                       0
UCOL.W       0                                80                                80                                80
DCOL.W     -30                                 0                                 0                                 0
DCOL.H     -70                                 0                                 0                                 0


F.NO=-45-2 2F                 "2Fg50"( 40* 60)
TOP.req                  12.88     5.82    13.68
TOP1         #6           5        3        5
TOP2         #6           0        0        0

BOT2         #6           0        3        0
BOT1         #6           6        6        6
BOT.req                  15.96    25.21    15.86

STIR                  #4@15    #4@20    #4@15
STIR.req               0.1480   0.0039   0.1496
WEB                       @43
WEB.req                 0.00
LEVEL                   0.00     0.00
BM.H.LR      0                                 0
C-CLEN       0       803                       0
UCOL.W       0                                 0
DCOL.W     -40                               -40
DCOL.H     -70                               -70


F.NO=-45-5 3F                 "3Fg51"( 30* 50)
TOP.req                  7.28     3.11     6.67
TOP1         #6           3        3        3
TOP2         #6           0        0        0

BOT2         #6           0        0        0
BOT1         #6           3        3        3
BOT.req                  5.25     4.32     4.66

STIR                  #3@12    #3@20    #3@12
STIR.req               0.1083   0.0174   0.1065
WEB                       @43
WEB.req                 0.00
LEVEL                   0.00     0.00
BM.H.LR      0                                 0
C-CLEN       0       500                       0
UCOL.W       0                                 0
DCOL.W     -50                               -50
DCOL.H     -70                               -70


F.NO=-45-5 R1F                "R1Fg52"( 30* 50)
```



```
TOP.req                  1.53     0.82     0.62
TOP1         #6           3        3        3
TOP2         #6           0        0        0

BOT2         #6           0        0        0
BOT1         #6           3        3        3
BOT.req                  3.37     4.55     3.54

STIR                  #3@20    #3@20    #3@20
STIR.req               0.0538   0.0000   0.0437
WEB                       @43
WEB.req                 0.00
LEVEL                   0.00     0.00
BM.H.LR      0                                 0
C-CLEN       0       265                       0
UCOL.W       0                                 0
DCOL.W     -40                               -40
DCOL.H     -60                               -60


F.NO=-45-5 3F                 "3Fg52"( 30* 50)
TOP.req                  2.37     0.71     0.71
TOP1         #6           3        3        3
TOP2         #6           0        0        0

BOT2         #6           0        0        0
BOT1         #6           3        3        3
BOT.req                  3.65     4.21     3.10

STIR                  #3@20    #3@20    #3@20
STIR.req               0.0641   0.0000   0.0525
WEB                       @43
WEB.req                 0.00
LEVEL                   0.00     0.00
BM.H.LR      0                                 0
C-CLEN       0       265                       0
UCOL.W       0                                 0
DCOL.W     -40                               -40
DCOL.H     -60                               -60


F.NO=-45-10 1F                "1FFg53"( 80*145)
TOP.req                  16.94    18.23    15.25
TOP1         #6           6        7        6
TOP2         #6           0        0        0

BOT2         #6           0        0        0
BOT1         #6           6        5        6
BOT.req                  14.80     2.52     0.00

STIR                  #4@12    #4@12    #4@12
STIR.req               0.2000   0.2000   0.2000
WEB                       5#4
WEB.req                 0.00
LEVEL                   0.00     0.00
BM.H.LR      0                                 0
C-CLEN       0       508                       0
UCOL.W       0                                 0
DCOL.W     -59                               -59
DCOL.H     -145                              -145


F.NO=-45-2 1F                 "1FFg50"( 40*145)
TOP.req                  24.02    27.58    24.87
TOP1         #6           6        6        6
TOP2         #6           3        4        3

BOT2         #6           0        0        0
BOT1         #6           4        3        4
BOT.req                  8.81     2.29     9.23

STIR                  #4@12    #4@12    #4@12
STIR.req               0.1716   0.0000   0.1715
WEB                       4#4
WEB.req                 0.00
LEVEL                   0.00     0.00
BM.H.LR      0                                 0
C-CLEN       0       803                       0
UCOL.W       0                                 0
DCOL.W     -40                               -40
DCOL.H     -145                              -145


F.NO=-45-5 2F                 "2Fg51"( 30* 50)
TOP.req                  7.25     3.10     7.12
TOP1         #6           3        3        3
TOP2         #6           0        0        0

BOT2         #6           0        0        0
BOT1         #6           3        3        3
BOT.req                  4.76     4.32     5.02

STIR                  #3@12    #3@20    #3@12
STIR.req               0.1051   0.0159   0.1060
WEB                       @43
WEB.req                 0.00
LEVEL                   0.00     0.00
BM.H.LR      0                                 0
C-CLEN       0       500                       0
UCOL.W       0                                 0
DCOL.W     -59                               -59
DCOL.H     -70                               -70


F.NO=-45-5 2F                 "2Fg52"( 30* 50)
TOP.req                  2.36     1.00     1.08
TOP1         #6           3        3        3
TOP2         #6           0        0        0

BOT2         #6           0        0        0
BOT1         #6           3        3        3
BOT.req                  4.54     4.71     2.89

STIR                  #3@20    #3@20    #3@20
STIR.req               0.0821   0.0000   0.0594
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| | | |

STIR.req		0.1233	0.0186	0.1111				
WEB		9#3						
WEB.req		0.06						
LEVEL		0.00	0.00					
BM.H.LR	60						0	
C-CLEN	850		850				0	
UCOL.W	0						0	
DCOL.W	-50						-50	
DCOL.H	-70						-70	

F.NO=XX-5 R1F *R1Fb59*(40* 60)

TOP.req		18.86	7.98	11.75
TOP1	#6	5	3	5
TOP2	#6	2	0	2
BOT2	#6	0	0	0
BOT1	#6	4	5	4
BOT.req		8.95	12.02	7.18

STIR		#3@10	#3@20	#3@10				
STIR.req		0.1276	0.0234	0.1175				
WEB		0#3						
WEB.req		0.00						
LEVEL		0.00	0.00					
BM.H.LR	0						0	
C-CLEN	0	850					0	
UCOL.W	0						0	
DCOL.W	-50						-50	
DCOL.H	-70						-70	

F.NO=XX-2 3F *3Fb55*(40* 60)

TOP.req		17.64	7.39	13.44
TOP1	#6	5	3	5
TOP2	#6	2	0	6
BOT2	#6	0	0	0
BOT1	#6	3	4	3
BOT.req		8.47	8.81	7.10

STIR		#3@10	#3@20	#3@10				
STIR.req		0.1196	0.0155	0.1117				
WEB		0#3						
WEB.req		0.00						
LEVEL		0.00	0.00					
BM.H.LR	60						0	
C-CLEN	850		850				0	
UCOL.W	0						0	
DCOL.W	-50						-50	
DCOL.H	-70						-70	

F.NO=XX-5 3F *3Fb59*(40* 70) *3FCb59*(40* 70)

TOP.req		15.42	7.65	18.09		9.64	8.44	1.54
TOP1	#8	6	3	5	#8	5	5	5
TOP2	#8	0	0	2	#8	2	2	2
BOT2	#6	0	0	0	#6	0	0	0
BOT1	#6	3	4	4	#6	4	4	4
BOT.req		8.44	11.13	8.74		8.42	4.18	2.09

STIR		#3@10	#3@20	#3@10		#4@10	#4@10	#4@10		
STIR.req		0.1362	0.0288	0.1373		0.2370	0.1270	0.1859		
WEB		0#3				2#4				
WEB.req		0.00				0.00				
LEVEL		0.00				0.00	0.00			
BM.H.LR	0									0
C-CLEN	0	850				193				0
UCOL.W	0				0					0
DCOL.W	-50				-50					-40
DCOL.H	-70				-70					-70

F.NO=XX-2 2F *2Fb55*(40* 60)

TOP.req		17.71	7.42	12.91
TOP1	#6	5	3	5
TOP2	#6	2	0	0
BOT2	#6	0	0	0
BOT1	#6	3	4	3
BOT.req		8.58	8.77	7.12

STIR		#3@12	#3@20	#3@12				
STIR.req		0.1181	0.0149	0.1005				
WEB		0#3						
WEB.req		0.00						
LEVEL		0.00	0.00					
BM.H.LR	60						0	
C-CLEN	850		850				0	
UCOL.W	0						0	
DCOL.W	-50						-50	
DCOL.H	-70						-70	

F.NO=XX-2 1F *1Fb55*(40*145)

TOP.req		4.90	19.43	24.02
TOP1	#8	3	5	6
TOP2	#6	0	2	3
BOT2	#8	5	0	0
BOT1	#6	6	3	5
BOT.req		28.83	0.00	13.46

STIR		#4@12	#4@12	#4@12				
STIR.req		0.1748	0.0900	0.0892				
WEB		4#4						
WEB.req		0.00						
LEVEL		0.00	0.00					
BM.H.LR	145						0	
C-CLEN	850		850				0	
UCOL.W	0						0	
DCOL.W	-50						-50	
DCOL.H	-145						-145	

F.NO=XX-6 R1F *R1Fb59*(40* 60)

TOP.req		9.80	7.78	18.66
TOP1	#6	5	3	5
TOP2	#6	2	0	2
BOT2	#6	0	0	0
BOT1	#6	4	5	4
BOT.req		7.36	12.32	8.94

STIR		#3@10	#3@20	#3@10				
STIR.req		0.1162	0.0215	0.1265				
WEB		0#3						
WEB.req		0.06						
LEVEL		0.00	0.00					
BM.H.LR	0						0	
C-CLEN	0	850					0	
UCOL.W	0						0	
DCOL.W	-50						-50	
DCOL.H	-70						-70	

F.NO=XX-6 3F *3Fb57*(40* 60) *3Fb58*(40* 60)

TOP.req		14.38	8.01	18.23		19.69	8.19	15.22		
TOP1	#6	6	3	5	#6	5	3	6		
TOP2	#6	0	0	2	#6	2	0	0		
BOT2	#6	0	0	0	#6	0	0	0		
BOT1	#6	3	5	4	#6	4	5	3		
BOT.req		7.18	11.94	9.20		9.41	11.89	7.35		

STIR		#3@10	#3@20	#3@10		#3@10	#3@20	#3@10				
STIR.req		0.1231	0.0231	0.1265		0.1303	0.0249	0.1248				
WEB		0#3				0#3						
WEB.req		0.00				0.00						
LEVEL		0.00				0.00	0.00					
BM.H.LR	0								0			
C-CLEN	0	850				850			0			
UCOL.W	0				0				0			
DCOL.W	-50				-50				-50			
DCOL.H	-70				-70				-70			

F.NO=XX-6 2F *2Fb57*(40* 60) *2Fb57*(50* 70) *2Fb58*(50* 70)

TOP.req		7.07	7.10	16.83		17.92	7.66	15.40		14.48	6.24	13.90		
TOP1	#8	3	3	6	#8	7	3	6	#6	6	3	5		
TOP2	#6	0	0	0	#8	0	0	0	#6	0	0	0		
BOT2	#8	0	0	0	#8	0	0	0	#6	0	0	0		
BOT1	#6	3	3	3	#8	4	4	5	#6	5	4	5		
BOT.req		7.07	7.07	8.10		10.55	10.44	13.38		12.60	10.55	12.10		

STIR		#4@12	#4@20	#4@12		#4@15	#4@20	#4@15		#3@10	#3@20	#3@10		
STIR.req		0.1100	0.0780	0.1899		0.1489	0.0182	0.1536		0.1317	0.0020	0.1286		
WEB		0#3				0#3				0#3				
WEB.req		0.00				0.00				0.00				
LEVEL		0.00				0.00				0.00	0.00			
BM.H.LR	0												0	
C-CLEN	0	433				850				850			0	
UCOL.W	0				0				0				0	
DCOL.W	-50				-50				-90				-50	
DCOL.H	-70				-70				-70				-70	

F.NO=XX-6 1F *1FFb58*(40*145) *1FFb57*(40*145) *1FFb58*(40*145)

TOP.req		19.41	14.57	0.00		7.28	24.02	5.37		8.06	24.02	0.42		
TOP1	#8	4	3	3	#8	3	5	3	#8	3	5	3		
TOP2	#8	0	0	0	#8	0	0	0	#8	0	0	0		
BOT2	#8	0	0	2	#8	2	0	2	#8	2	0	3		
BOT1	#8	3	4	4	#8	4	3	4	#8	4	3	5		
BOT.req		0.00	15.65	27.37		28.19	0.00	29.71		28.48	0.00	34.05		

STIR		#3@10	#3@10	#3@10		#4@12	#4@12	#4@12		#4@12	#4@12	#4@12		
STIR.req		0.1008	0.1000	0.1205		0.1804	0.0000	0.1869		0.1752	0.0025	0.1928		
WEB		4#4				4#4				4#4				
WEB.req		0.06				0.00				0.00				
LEVEL		0.00				0.00				0.00	0.00			
BM.H.LR	0													145
C-CLEN	0	544				850				850				850
UCOL.W	0				0				0					0
DCOL.W	-50				-50				-50					-50
DCOL.H	-145				-145				-145					-145

F.NO=XX-6 2F *2Fb59*(40* 70) *2FCb59*(40* 70)

TOP.req		15.17	8.47	12.71		11.37	8.31	8.44
TOP1	#6	6	3	5	#6	5	3	3
TOP2	#6	0	0	0	#6	0	0	0
BOT2	#6	0	0	0	#6	0	0	0
BOT1	#6	3	4	4	#6	4	3	3
BOT.req		8.44	10.95	8.28		9.99	4.90	5.79

STIR		#3@10	#3@20	#3@10		#3@12	#3@12	#3@12		
STIR.req		0.1290	0.0213	0.1245		0.1184	0.0210	0.0939		
WEB		0#3				0#3				
WEB.req		0.00				0.00				
LEVEL		0.00				0.00	0.00			
BM.H.LR	0								0	
C-CLEN	0	850				442			0	
UCOL.W	0				0				0	
DCOL.W	-50				-50				-40	
DCOL.H	-70				-70				-70	

F.NO=XX-6 1F *1FFb59*(40*145)

TOP.req		0.50	25.25	24.21
TOP1	#8	3	5	5
TOP2	#8	0	0	0
BOT2	#8	3	0	0
BOT1	#8	5	3	3
BOT.req		35.52	0.00	14.27

STIR		#4@10	#4@10	#4@10							
STIR.req		0.2396	0.0493	0.1294							
WEB		4@4									
WEB.req		0.00									
LEVEL		0.00	0.00								
BM.H.LR	145				0						
C-CLEN	850	850			0						
UCOL.W	0				0						
DCOL.W	-50				-50						
DCOL.H	-145				-145						
F.NO=XX-7 R1F			*R1Fb56*(40* 70)					*R1Fb57*(40* 70)			
TOP.req		9.21	9.21	22.04			21.64	9.05	8.44		
TOP1	#6	4	6	6	#6		6	4	3		
TOP2	#6	6	0	4	#6		4	0	0		
BOT2	#6	0	0	0	#6		0	0	0		
BOT1	#6	6	6	4	#6		4	4	4		
BOT.req		8.44	12.06	10.56			10.38	9.26	10.78		
STIR		#3@12	#3@20	#3@12			#3@10	#3@20	#3@10		
STIR.req		0.0502	0.0000	0.1158			0.1280	0.0261	0.1100		
WEB		3#5					6#3				
WEB.req		0.00					0.00				
LEVEL		0.00					0.00	0.00			
BM.H.LR	0										0
C-CLEN	0	854					850				0
UCOL.W	0				0						0
DCOL.W	-40				-50						-50
DCOL.H	-70				-70						-70
F.NO=38-1 2F			*2Fb53*(40* 70)								
TOP.req		14.10	8.44	15.38							
TOP1	#6	6	6	6							
TOP2	#6	0	0	0							
BOT2	#6	0	0	0							
BOT1	#6	4	4	4							
BOT.req		10.21	9.49	9.91							
STIR		#5@10	#5@10	#5@10							
STIR.req		0.3037	0.2436	0.3323							
WEB		2#4									
WEB.req		0.00									
LEVEL		0.00	0.00								
BM.H.LR	79				0						
C-CLEN	245	442			0						
UCOL.W	0				0						
DCOL.W	-40				-40						
DCOL.H	-70				-70						
F.NO=XX-7 3F			*3Fb55*(40* 70)								
TOP.req		8.44	11.25	17.35							
TOP1	#6	5	4	6							
TOP2	#6	0	0	2							
BOT2	#6	0	0	0							
BOT1	#6	6	6	4							
BOT.req		9.88	11.46	8.44							
STIR		#4@12	#4@12	#4@12							
STIR.req		0.0933	0.0138	0.0987							
WEB		3#5									
WEB.req		0.00									
LEVEL		0.00	0.00								
BM.H.LR	0				0						
C-CLEN	0	854			0						
UCOL.W	0				0						
DCOL.W	-40				-50						
DCOL.H	-70				-70						
F.NO=38-2 2F			*2Fb54*(40* 70)								
TOP.req		25.31	18.84	28.95							
TOP1	#6	6	6	6							
TOP2	#6	4	4	4							
BOT2	#6	0	0	0							
BOT1	#6	5	5	5							
BOT.req		12.04	8.44	11.27							
STIR		#5@12	#5@12	#5@12							
STIR.req		0.3076	0.2926	0.2152							
WEB		2#4									
WEB.req		0.00									
LEVEL		0.00	0.00								
BM.H.LR	70				0						
C-CLEN	213	442			0						
UCOL.W	0				0						
DCOL.W	80				-40						
DCOL.H	0				-70						
F.NO=45-3 R1F			*R1Fb51*(40* 60)								
TOP.req		7.41	4.88	11.40							
TOP1	#6	4	3	4							
TOP2	#6	0	0	0							
BOT2	#6	0	0	0							
BOT1	#6	3	4	3							
BOT.req		7.83	10.06	7.10							
STIR		#3@12	#3@20	#3@12							
STIR.req		0.0810	0.0000	0.1012							
WEB		6#3									
WEB.req		0.06									
LEVEL		0.06	0.00								
BM.H.LR	0				0						
C-CLEN	0	705			0						
UCOL.W	0				0						
DCOL.W	-50				-50						
DCOL.H	-70				-70						

F.NO=45-5 2F			*2Fb64*(40* 60)								
TOP.req		22.60	8.06	6.98							
TOP1	#6	6	6	6							
TOP2	#6	2	2	2							
BOT2	#6	0	0	0							
BOT1	#6	6	6	6							
BOT.req		10.72	6.98	15.89							
STIR		2#4@10	2#4@10	2#4@10							
STIR.req		0.5003	0.4022	0.4559							
WEB		1#4									
WEB.req		0.00									
LEVEL		0.00	0.00								
BM.H.LR	60				0						
C-CLEN	705	285			0						
UCOL.W	0				0						
DCOL.W	-50				-50						
DCOL.H	-70				-70						
F.NO=45-7 PF			*PFb51*(40* 60)								
TOP.req		7.57	3.37	7.78							
TOP1	#6	3	3	3							
TOP2	#6	0	0	0							
BOT2	#6	0	0	0							
BOT1	#6	3	4	3							
BOT.req		7.31	9.76	7.22							
STIR		#3@15	#3@20	#3@15							
STIR.req		0.0818	0.0000	0.0825							
WEB		6#3									
WEB.req		0.00									
LEVEL		0.00	0.00								
BM.H.LR	0				0						
C-CLEN	0	705			0						
UCOL.W	0				0						
DCOL.W	-50				-50						
DCOL.H	-70				-70						
F.NO=45-3 3F			*3Fb51*(40* 60)								
TOP.req		8.73	4.81	11.22							
TOP1	#6	4	3	4							
TOP2	#6	0	0	0							
BOT2	#6	0	0	0							
BOT1	#6	3	3	3							
BOT.req		8.19	7.93	7.10							
STIR		#3@12	#3@20	#3@12							
STIR.req		0.0942	0.0000	0.1030							
WEB		6#3									
WEB.req		0.00									
LEVEL		0.00	0.00								
BM.H.LR	0				0						
C-CLEN	0	705			0						
UCOL.W	0				0						
DCOL.W	-50				-50						
DCOL.H	-70				-70						
F.NO=45-8 2F			*2Fb51*(40* 80)								
TOP.req		8.40	5.71	13.43							
TOP1	#6	4	3	6							
TOP2	#6	0	0	2							
BOT2	#6	0	0	0							
BOT1	#6	3	3	6							
BOT.req		7.74	7.10	7.10							
STIR		#3@12	#3@20	#3@12							
STIR.req		0.1022	0.0055	0.1100							
WEB		6#3									
WEB.req		0.00									
LEVEL		0.00	0.00								
BM.H.LR	0				0						
C-CLEN	0	705			0						
UCOL.W	0				0						
DCOL.W	-50				-50						
DCOL.H	-70				-70						
F.NO=45-8 1F			*1FFb51*(40*145)								
TOP.req		15.56	24.02	21.45							
TOP1	#6	6	6	6							
TOP2	#6	2	3	2							
BOT2	#6	0	0	0							
BOT1	#6	5	3	5							
BOT.req		7.27	6.00	12.28							
STIR		#3@12	#5@12	#3@12							
STIR.req		0.0804	0.0000	0.0958							
WEB		4#4									
WEB.req		0.00									
LEVEL		0.00	0.00								
BM.H.LR	0				0						
C-CLEN	0	705			0						
UCOL.W	0				0						
DCOL.W	-50				-50						
DCOL.H	-145				-145						
F.NO=45-8 R1F			*R1Fb66*(40* 70)					*R1Fb67*(40* 70)			
TOP.req		8.44	7.84	18.57			18.04	8.44	7.62		
TOP1	#6	3	3	5	#6		5	3	5		
TOP2	#6	0	0	2	#6		2	0	0		
BOT2	#6	0	0	0	#6		0	0	0		
BOT1	#6	4	3	5	#6		5	5	5		
BOT.req		9.07	8.44	8.86			8.71	8.25	10.10		

```
STIR              #4@15    #4@20    #4@15        #5@10    #5@13    #5@10
STIR.req           0.1179   0.0391   0.1484       0.3715   0.2699   0.2146
WEB                  D#3                            345
WEB.req             0.00                          11.70
LEVEL               0.00                           0.00     0.00
BM.H.LR      0                                                          0
C-CLEN       0        705                           578                 0
UCOL.W       0                                0                         0
DCOL.W     -50                              -50                       -50
DCOL.H     -70                              -70                       -70

F.NO=74-1 2F                 '2Fb52'( 50* 70)
TOP.req            10.26    10.55    14.81
TOP1         #6        6        4        6
TOP2         #8        0        0        0

BOT2         #8        0        0        0
BOT1         #8        5        5        5
BOT.req            11.61    12.05    12.88

STIR              #3@10    #3@20    #3@10
STIR.req           0.1803   0.0126   0.1250
WEB                  D#3
WEB.req             0.00
LEVEL               0.00     0.00
BM.H.LR      0                                0
C-CLEN       0        639                     0
UCOL.W       0                                0
DCOL.W     -50                              -50
DCOL.H     -70                              -70

F.NO=YY-2 R1F                '1Fg53'( 40* 70)
TOP.req            15.19     6.88     6.88
TOP1         #6        6        3        3
TOP2         #6        0        0        0

BOT2         #8        0        0        0
BOT1         #6        3        3        3
BOT.req             8.44     6.88     6.88

STIR              #3@12    #3@20    #3@12
STIR.req           0.1048   0.0000   0.0710
WEB                  D#3
WEB.req             0.00
LEVEL               0.00     0.00
BM.H.LR      0                                0
C-CLEN       0        735                     0
UCOL.W       0                                0
DCOL.W     -50                              -40
DCOL.H     -70                              -70

F.NO=45-9 3F                 '2Fb69'( 40* 70)                 '3Fb70'( 40* 70)
TOP.req             8.44     3.59     9.47            8.44     3.37     8.44
TOP1         #6        5        5        5        #5      5        4        4
TOP2         #6        0        0        0        #5      0        0        0

BOT2         #6        0        0        0        #5      0        0        0
BOT1         #6        5        5        5        #5      4        5
BOT.req             9.29     5.88     6.44            8.44     7.83     9.90

STIR              #4@10    #4@10    #4@10        #4@12    #4@12    #4@12
STIR.req           0.2413   0.1452   0.2099       0.1882   0.0536   0.1611
WEB                  3#5                            345
WEB.req             0.00                           0.00
LEVEL               0.00                           0.00     0.00
BM.H.LR      0                                                          0
C-CLEN       0        211                           368                 0
UCOL.W       0                                0                         0
DCOL.W     -50                              -50                       -50
DCOL.H     -70                              -70                       -70

F.NO=YY-3 3F                 '3Fg53'( 40* 70)
TOP.req            21.05     8.44     8.82
TOP1         #6        6        3        4
TOP2         #6        2        0        0

BOT2         #8        0        0        0
BOT1         #6        4        4        4
BOT.req            10.11    10.53     9.82

STIR              #3@12    #3@20    #3@12
STIR.req           0.1091   0.0067   0.0892
WEB                  D#3
WEB.req             0.00
LEVEL               0.00     0.00
BM.H.LR      0                                0
C-CLEN       0        935                     0
UCOL.W      80                               0
DCOL.W      80                              -40
DCOL.H       0                              -70

F.NO=YY-4 3F                 '3Fb51'( 30* 50)
TOP.req             6.43     4.42     2.76
TOP1         #6        3        3        3
TOP2         #6        0        0        0

BOT2         #8        0        0        0
BOT1         #6        3        3        3
BOT.req             4.19     4.32     5.43

STIR              #3@10    #3@20    #3@10
STIR.req           0.1396   0.0618   0.0798
WEB                  D#3
WEB.req             0.00
LEVEL               0.00     0.00
BM.H.LR      0                                0
C-CLEN       0        395                     0
UCOL.W       0                                0
DCOL.W     -50                              -40
```



```
DCOL.H     -70                              -70

F.NO=YY-6 2F                 '2Fb52'( 50* 70)
TOP.req             5.58    11.50    12.55
TOP1         #8        7        7        7
TOP2         #6        0        0        0

BOT2         #8        0        0        0
BOT1         #8        5        5        5
BOT.req            10.41     9.91     9.95

STIR              #5@12    #5@12    #5@12
STIR.req           0.2339   0.1715   0.2643
WEB                  3#5
WEB.req            14.21
LEVEL               0.00     0.00
BM.H.LR      0                                0
C-CLEN       0        398                     0
UCOL.W       0                                0
DCOL.W     -50                              -50
DCOL.H     -70                              -70
```

柱配筋

```
$RCAD_ASCO COLUMN-PAGE
p-1
1

$RCAD_ASCO COLUMN-TABLE
   0.00       0.00
4
R1F
1F
1F
1F

11
$RCAD_ASCO COLUMN-LINE
"C50"
1
          1F   RECT      C2
  50.0   50.0      101.20 0.2894 0.3221
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                          #4@10    #4@10.55      #4@12
$RCAD_ASCO COLUMN-LINE
"C51"
4
          R1F   RECT      C41
  80.0   80.0      101.20 0.1813 0.2467
    8      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                          #4@10    #4@10.80      #4@15
          1F   RECT      C41
  80.0   80.0      121.44 0.1569 0.1919
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10    #4@10.80      #4@15
          1F   RECT      C41
  80.0   80.0      141.68 0.2065 0.2170
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                          #4@10    #4@10.80      #4@15
          1F   RECT      C41
  80.0   80.0      161.92 0.3019 0.2471
    9      4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    9      4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                          #4@10    #4@10.80      #4@15
$RCAD_ASCO COLUMN-LINE
"C52"
4
          R1F   CIRC      C42
  80.0   80.96 0.2088 0.2605
   16
    1   #8    33.46     0.00
    1   #8    30.91    12.80
    1   #8    23.66    23.66
    1   #8    12.80    30.91
    1   #8     0.00    33.46
    1   #8   -12.80    30.91
    1   #8   -23.66    23.66
    1   #8   -30.91    12.80
    1   #8   -33.46     0.00
    1   #8   -30.91   -12.80
    1   #8   -23.66   -23.66
    1   #8   -12.80   -30.91
    1   #8    -0.00   -33.46
    1   #8    12.80   -30.91
    1   #8    23.66   -23.66
    1   #8    30.91   -12.80
                                          #4@10    #4@10.80      #4@15
          1F   CIRC      C42
  80.0   80.96 0.2630 0.3300
   16
    1   #8    33.46     0.00
    1   #8    30.91    12.80
    1   #8    23.66    23.66
    1   #8    12.80    30.91
    1   #8     0.00    33.46
    1   #8   -12.80    30.91
    1   #8   -23.66    23.66
    1   #8   -30.91    12.80
    1   #8   -33.46     0.00
    1   #8   -30.91   -12.80
    1   #8   -23.66   -23.66
    1   #8   -12.80   -30.91
    1   #8    -0.00   -33.46
    1   #8    12.80   -30.91
    1   #8    23.66   -23.66
    1   #8    30.91   -12.80
                                          #4@10    #4@10.80      #4@15
```

```
          1F   CIRC      C42
 80.0      101.20 0.3459 0.4913
   20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4#10    #4#10,80      #4#15

          1F   CIRC      C42
 80.0      101.20 0.3089 0.3940
   20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4#10    #4#10,80      #4#15

$RCAD_ASCO COLUMN-LINE
*C53*
3
          1F   CIRC      C47
 80.0      80.96 0.3372 0.2531
   16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4#10    #4#10,80      #4#15

          1F   CIRC      C47
 80.0      80.96 0.4348 0.2715
   16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4#10    #4#10,80      #4#15

          1F   CIRC      C47
 80.0      101.20 0.3810 0.3214
   20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4#10    #4#10,80      #4#15
```



```
$RCAD_ASCO COLUMN-LINE
*C54*
3
          1F   RECT      C56
 80.0   80.0      101.20 0.1277 0.1139
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                #4#10    #4#10,80      #4#15

          1F   RECT      C56
 80.0   80.0      121.44 0.2079 0.2982
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                #4#10    #4#10,80      #4#15

          1F   RECT      C56
 80.0   80.0      141.68 0.1446 0.3118
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                #4#10    #4#10,80      #4#15

$RCAD_ASCO COLUMN-LINE
*C55*
3
          1F   RECT      C57
 80.0   80.0      101.20 0.1232 0.2203
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                #4#10    #4#10,80      #4#15

          1F   RECT      C57
 80.0   80.0      121.44 0.2054 0.2134
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                #4#10    #4#10,80      #4#15

          1F   RECT      C57
 80.0   80.0      141.68 0.2717 0.2975
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                #4#10    #4#10,80      #4#15

$RCAD_ASCO COLUMN-LINE
*C56*
3
          1F   RECT      C58
 80.0   80.0      101.20 0.1004 0.1785
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                #4#10    #4#10,80      #4#15

          1F   RECT      C58
 80.0   80.0      121.44 0.2017 0.2435
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                #4#10    #4#10,80      #4#15

          1F   RECT      C58
 80.0   80.0      141.68 0.2350 0.3502
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                #4#10    #4#10,80      #4#15

$RCAD_ASCO COLUMN-LINE
*C57*
4
          R1F  RECT      C43
 80.0   80.0      101.20 0.1906 0.3652
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                #4#10    #4#10,80      #4#12

          1F   RECT      C43
 80.0   80.0      121.44 0.1889 0.3539
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                #4#10    #4#10,80      #4#12

          1F   RECT      C43
 80.0   80.0      141.68 0.2178 0.4544
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                #4#10    #4#10,80      #4#12

          1F   RECT      C43
 80.0   80.0      161.92 0.2722 0.4317
    9      4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    9      4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                #4#10    #4#10,80      #4#12

$RCAD_ASCO COLUMN-LINE
*C58*
4
          R1F  RECT      C44
 80.0   80.0      101.20 0.2164 0.3137
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                #4#10    #4#10,80      #4#15

          1F   RECT      C44
 80.0   80.0      121.44 0.1697 0.3277
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                #4#10    #4#10,80      #4#15

          1F   RECT      C44
 80.0   80.0      141.68 0.1564 0.3495
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                #4#10    #4#10,80      #4#15

          1F   RECT      C44
 80.0   80.0      161.92 0.1998 0.3519
    9      4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    9      4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                #4#10    #4#10,80      #4#15

$RCAD_ASCO COLUMN-LINE
*C59*
3
          1F   CIRC      C48
 80.0      80.96 0.5537 0.5085
   16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
```

```
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                                    #4&10    #4&10.80       #4&15
          1F   CIRC      C48
 80.0       80.96 0.2007 0.4818
   16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                                    #4&10    #4&10.80       #4&15
          1F   CIRC      C48
 80.0      101.20 0.1884 0.1660
   20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                                    #4&10    #4&10.80       #4&15
$RCAD_ASCO COLUMN-LINE
"C&0"
2
          1F   RECT      C50
 80.0   80.0      121.44 0.4745 0.6430
    7      4  0#8  1#8  1#8  0#8  1#8  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                                    #4&10    #4&10.80       #4&10
          1F   RECT      C50
 80.0   80.0      141.68 0.3358 0.4173
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                                    #4&10    #4&10.80       #4&15

$RCAD_ASCO COLUMN-PAGE
p-2
1

$RCAD_ASCO COLUMN-TABLE
   0.00       0.00
4
R1F
1F
1F
1F

9
$RCAD_ASCO COLUMN-LINE
"C&1"
3
          1F   RECT      C52
 80.0   80.0      101.20 0.4783 0.4838
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                                    #4&10    #4&10.80       #4&10
          1F   RECT      C52
 80.0   80.0      121.44 0.3195 0.4097
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                                    #4&10    #4&10.80       #4&12
          1F   RECT      C52
 80.0   80.0      141.68 0.1084 0.1681
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                                    #4&10    #4&10.80       #4&15
$RCAD_ASCO COLUMN-LINE
"C&2"
3
          1F   RECT      C54
 80.0  170.0      172.04 0.2423 0.2363
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
   13      6  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                                    #4&10    #4&10.170      #4&10
          1F   RECT      C54
 80.0  170.0      202.40 0.2567 0.2787
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
   15      7  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                                    #4&10    #4&10.170      #4&10
          1F   RECT      C54
 80.0  170.0      232.76 0.4501 0.5304
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
   17      7  0#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8  0#8
                                                    #4&10    #4&10.170      #4&10
```



```
$RCAD_ASCO COLUMN-LINE
"C&3"
4
          R1F   RECT      C45
 80.0   80.0      101.20 0.1875 0.1898
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                                    #4&10    #4&10.80       #4&15
          1F   RECT      C45
 80.0   80.0      121.44 0.1874 0.2411
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                                    #4&10    #4&10.80       #4&15
          1F   RECT      C45
 80.0   80.0      141.68 0.2495 0.2825
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                                    #4&10    #4&10.80       #4&15
          1F   RECT      C45
 80.0   80.0      161.82 0.2895 0.3192
    9      4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    9      4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                                    #4&10    #4&10.80       #4&15
$RCAD_ASCO COLUMN-LINE
"C&4"
4
          R1F   RECT      C46
 80.0   80.0      101.20 0.1958 0.1602
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
    6      2  0#8  0#8  1#8  1#8  0#8  0#8
                                                    #4&10    #4&10.80       #4&15
          1F   RECT      C46
 80.0   80.0      121.44 0.3538 0.2321
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    7      3  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                                    #4&10    #4&10.80       #4&12
          1F   RECT      C46
 80.0   80.0      141.68 0.3236 0.2131
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
    8      4  0#8  1#8  0#8  1#8  1#8  0#8  1#8  0#8
                                                    #4&10    #4&10.80       #4&15
          1F   RECT      C46
 80.0   80.0      161.92 0.2152 0.2860
    9      4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
    9      4  0#8  1#8  0#8  1#8  0#8  1#8  0#8  1#8  0#8
                                                    #4&10    #4&10.80       #4&15
$RCAD_ASCO COLUMN-LINE
"C&5"
3
          1F   CIRC      C49
 80.0       80.96 0.3343 0.2702
   16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                                    #4&10    #4&10.80       #4&15
          1F   CIRC      C49
 80.0       80.96 0.2864 0.2524
   16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                                    #4&10    #4&10.80       #4&15
          1F   CIRC      C49
 80.0       80.96 0.2683 0.2690
   16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                                    #4&10    #4&10.80       #4&15
$RCAD_ASCO COLUMN-LINE
"C&6"
3
          1F   CIRC      C51
 80.0      101.20 0.2755 0.1946
   20
```

```
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4810    #4810,80      #4815
          1F   CIRC      C51
80.0      101.20 0.3140 0.2303
  20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4810    #4810,80      #4815
          1F   CIRC      C51
80.0      101.20 0.1904 0.2480
  20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4810    #4810,80      #4815
$RCAD_ASCO COLUMN-LINE
"C67"
3
          1F   CIRC      C53
80.0      80.96 0.2585 0.2695
  16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4810    #4810,80      #4815
          1F   CIRC      C53
80.0      80.96 0.3229 0.2384
  16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4810    #4810,80      #4815
          1F   CIRC      C53
80.0      80.96 0.1094 0.2595
  16
```



```
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4810    #4810,80      #4815
$RCAD_ASCO COLUMN-LINE
"C68"
3
          1F   CIRC      C55
80.0      80.96 0.1547 0.2136
  16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4810    #4810,80      #4815
          1F   CIRC      C55
80.0      80.96 0.2863 0.2134
  16
    1  #8    33.46     0.00
    1  #8    30.91    12.80
    1  #8    23.66    23.66
    1  #8    12.80    30.91
    1  #8     0.00    33.46
    1  #8   -12.80    30.91
    1  #8   -23.66    23.66
    1  #8   -30.91    12.80
    1  #8   -33.46     0.00
    1  #8   -30.91   -12.80
    1  #8   -23.66   -23.66
    1  #8   -12.80   -30.91
    1  #8    -0.00   -33.46
    1  #8    12.80   -30.91
    1  #8    23.66   -23.66
    1  #8    30.91   -12.80
                                #4810    #4810,80      #4815
          1F   CIRC      C55
80.0      101.20 0.4160 0.2588
  20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4810    #4810,80      #4815
$RCAD_ASCO COLUMN-LINE
"C69"
1
          1F   CIRC      C1
80.0      101.20 0.4718 0.4435
  20
    1  #8    33.46     0.00
    1  #8    31.82    10.34
    1  #8    27.07    19.67
    1  #8    19.67    27.07
    1  #8    10.34    31.82
    1  #8     0.00    33.46
    1  #8   -10.34    31.82
    1  #8   -19.67    27.07
    1  #8   -27.07    19.67
    1  #8   -31.82    10.34
    1  #8   -33.46     0.00
    1  #8   -31.82   -10.34
    1  #8   -27.07   -19.67
    1  #8   -19.67   -27.07
    1  #8   -10.34   -31.82
    1  #8    -0.00   -33.46
    1  #8    10.34   -31.82
    1  #8    19.67   -27.07
    1  #8    27.07   -19.67
    1  #8    31.82   -10.34
                                #4810    #4810,80      #4815
$RCAD_ASCO COLUMN-PAGE
P-3
1
```

```
$RCAD_ASCO COLUMN-TABLE
    0.00        0.00
1
Base

1
$RCAD_ASCO COLUMN-LINE
"CA"
1
          Base   RECT      C5
  90.0  160.0     170.40 0.2009 0.1130
    11      5  0#6  1#6  0#6  1#6  0#6  1#6  0#6  1#6  0#6  1#6  0#6
    21      9  0#6  0#6  1#6  0#6  1#6  0#6  1#6  0#6  1#6  0#6  1#6  0#6  1#6  0#6  1#6  0#6  1#6  0#6  0#6
                                                  #4@10    #4@10,160      #4@10
```

通廊：

梁配筋

```
F.NO=XX-1 1F                 "1FB91"( 35* 60)
TOP.req                 7.66    1.97    7.70
TOP1          #6          3       3       3
TOP2          #6          0       0       0

BOT2          #6          0       0       0
BOT1          #6          3       3       3
BOT.req                 5.99    2.59    6.03

STIR                 #3@10   #3@10   #3@10
STIR.req              0.1298  0.0342  0.1307
WEB                      0#3
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR       0                                   0
C-CLEN        0         330                       0
UCOL.W        0                                   0
DCOL.W       70                                  70
DCOL.H        0                                   0

F.NO=YY-1 1F                 "1FFC91"( 35*145)
TOP.req                 6.18    2.37    6.01
TOP1          #6          3       3       3
TOP2          #6          0       0       0

BOT2          #6          0       0       0
BOT1          #6          3       3       3
BOT.req                 3.82    2.54    3.98

STIR                 #3@15   #3@15   #3@15
STIR.req              0.0875  0.0875  0.0875
WEB                      3#4
WEB.req                 0.00
LEVEL                   0.00    0.00
BM.H.LR       0                                 145
C-CLEN        0         450                     450
UCOL.W       70                                  70
DCOL.W        0                                   0
DCOL.H        0                                   0
```

柱配筋

```
$RCAD_ASCO COLUMN-PAGE
p-1
1

$RCAD_ASCO COLUMN-TABLE
    0.00        0.00
1
Base

1
$RCAD_ASCO COLUMN-LINE
"C91"
1
          Base   RECT      C41
  70.0   70.0     123.87 0.0879 0.0879
     6      5  0#6  1#6  0#6  0#6  1#6  0#6
     8      5  0#6  1#6  0#6  0#6  1#6  0#6
                                                  #4@15    #4@15,70      #4@15
```

剪力牆設計資料

教學棟：

TABLE: Shear Wall Pier Design Summary - ACI 318-08										
Story	Pier Label	Station	Design Type	Pier Section	D/C Ratio	Length	Thickness	Shear Rebar	B.Z. Left	B.Z. Right
						cm	cm	cm²/cm	cm	cm
R1F	YP1	Top	Uniform		0.33	365	30	0.075		
R1F	YP1	Bottom	Uniform		0.237	365	30	0.075		
4F	YP1	Top	Uniform		0.469	365	30	0.075		
4F	YP1	Bottom	Uniform		0.381	365	30	0.075		
3F	YP1	Top	Uniform		0.714	365	30	0.075		
3F	YP1	Bottom	Uniform		0.765	365	30	0.075	72.517	63.893
2F	YP1	Top	Uniform		0.696	365	30	0.075	98.767	98.767
2F	YP1	Bottom	Uniform		0.947	365	30	0.075	102.316	81.968
R1F	YP2	Top	Section Designer	4FY2	0.44	515	25	0.0625		
R1F	YP2	Bottom	Section Designer	4FY2	0.238	515	25	0.0625		
4F	YP2	Top	Section Designer	3FY2	0.529	515	25	0.0646		
4F	YP2	Bottom	Section Designer	3FY2	0.356	515	25	0.0646	27.885	26.246
3F	YP2	Top	Section Designer	2FY2	0.599	515	25	0.1233		
3F	YP2	Bottom	Section Designer	2FY2	0.54	515	25	0.1233	32.747	31.881
2F	YP2	Top	Section Designer	1FY2	0.525	515	25	0.1301		
2F	YP2	Bottom	Section Designer	1FY2	0.808	515	25	0.1301	33.956	33.065
R1F	YP3	Top	Section Designer	4FY2	0.392	515	25	0.0625		
R1F	YP3	Bottom	Section Designer	4FY2	0.109	515	25	0.0625		
4F	YP3	Top	Section Designer	3FY2	0.548	515	25	0.0625		
4F	YP3	Bottom	Section Designer	3FY2	0.294	515	25	0.0625	28.544	27.402
3F	YP3	Top	Section Designer	2FY2	0.55	515	25	0.0653		
3F	YP3	Bottom	Section Designer	2FY2	0.519	515	25	0.0653	33.547	33.039
2F	YP3	Top	Section Designer	1FY2	0.482	515	25	0.0775		
2F	YP3	Bottom	Section Designer	1FY2	0.818	515	25	0.0775	34.991	34.473
R1F	YP4	Top	Section Designer	4FY2	0.374	525	25	0.0625		
R1F	YP4	Bottom	Section Designer	4FY2	0.15	525	25	0.0625		
4F	YP4	Top	Section Designer	3FY2	0.556	525	25	0.0625		
4F	YP4	Bottom	Section Designer	3FY2	0.284	525	25	0.0625	29.078	28.121
3F	YP4	Top	Section Designer	2FY2	0.571	525	25	0.1025		
3F	YP4	Bottom	Section Designer	2FY2	0.47	525	25	0.1025	34.018	33.797
2F	YP4	Top	Section Designer	1FY2	0.44	525	25	0.1093		34.696
2F	YP4	Bottom	Section Designer	1FY2	0.735	525	25	0.1093	36.602	36.042
4F	YP5	Top	Section Designer	3FY2	0.538	525	25	0.0687		28.076
4F	YP5	Bottom	Section Designer	3FY2	0.295	525	25	0.0687	28.388	27.513
3F	YP5	Top	Section Designer	2FY2	0.594	525	25	0.1203		33.092
3F	YP5	Bottom	Section Designer	2FY2	0.471	525	25	0.1203	33.385	33.113
2F	YP5	Top	Section Designer	1FY2	0.439	525	25	0.1246		
2F	YP5	Bottom	Section Designer	1FY2	0.703	525	25	0.1246	34.885	34.362
R1F	YP6	Top	Section Designer	4FY2	0.398	525	25	0.0625		
R1F	YP6	Bottom	Section Designer	4FY2	0.112	525	25	0.0625		
4F	YP6	Top	Section Designer	3FY2	0.594	525	25	0.0625		
4F	YP6	Bottom	Section Designer	3FY2	0.291	525	25	0.0625	27.877	27.659
3F	YP6	Top	Section Designer	2FY2	0.617	525	25	0.1162		
3F	YP6	Bottom	Section Designer	2FY2	0.519	525	25	0.1162	32.422	33.16
2F	YP6	Top	Section Designer	1FY2	0.486	525	25	0.1226		
2F	YP6	Bottom	Section Designer	1FY2	0.893	525	25	0.1226	34.069	34.438

鋼構應力輸出

行政棟：

TABLE: Steel Frame Design Summary - AISC LRFD-93						
Story	Label	Design Type	Design Section	PMM Ratio	V Major Ratio	V Minor Ratio
R1F	B217	Beam	S_H500X200_40	0.11	0.061	0
R1F	B218	Beam	S_H500X200_40	0.043	0.024	0
R1F	B219	Beam	S_H500X200_40	0.064	0.027	0
R1F	B220	Beam	S_H500X200_40	0.093	0.032	0
R1F	B256	Beam	S_H500X200_40	0.077	0.048	0
R1F	B257	Beam	S_H500X200_40	0.107	0.059	0
R1F	B258	Beam	S_H500X200_40	0.066	0.03	0
R1F	B26	Beam	S_H500X200_40	0.012	0.009	0
R1F	B26	Beam	S_H500X200_40	0.011		
R1F	B27	Beam	S_H500X200_40	0.03	0.012	0
R1F	B37	Beam	S_H500X200_40	0.23	0.087	0
R1F	B38	Beam	S_H500X200_40	0.15	0.057	0
R1F	B39	Beam	S_H500X200_40	0.171	0.065	0
R1F	B40	Beam	S_H500X200_40	0.154	0.059	0
R1F	B52	Beam	S_H350X175_40	0.519	0.063	0
R1F	B54	Beam	S_H350X175_40	0.519	0.063	0
R1F	B62	Beam	S_H350X175_40	0.167	0.069	0
R1F	B62	Beam	S_H350X175_40	0.237		
R1F	B74	Beam	S_H350X175_40	0.043	0.026	0
R1F	B74	Beam	S_H350X175_40	0.094		
R1F	B75	Beam	S_H350X175_40	0.032	0.032	0
R1F	B75	Beam	S_H350X175_40	0.027		
R1F	B76	Beam	S_H500X200_40	0.146	0.047	0
R1F	B78	Beam	S_H350X175_40	0.253	0.056	0
R1F	B81	Beam	S_H350X175_40	0.045	0.031	0
R1F	B82	Beam	S_H350X175_40	0.028	0.021	0
R1F	B82	Beam	S_H350X175_40	0.032		
R1F	B83	Beam	S_H500X200_40	0.132	0.045	0
R1F	B14	Beam	S_H500X200_40	0.236	0.081	0
R1F	B35	Beam	S_H500X200_40	0.132	0.039	0
R1F	B36	Beam	S_H500X200_40	0.229	0.09	0
R1F	B46	Beam	S_H500X200_40	0.258	0.079	0
R1F	B51	Beam	S_H500X200_40	0.361	0.011	0.032
R1F	B61	Beam	S_H500X200_40	0.337	0.03	0.027
R1F	B69	Beam	S_H500X200_40	0.1	0.009	0.017
R1F	B72	Beam	S_H350X175_40	0.046	0.021	0
R1F	B73	Beam	S_H500X200_40	0.045	0.013	0.008
3F	B69	Beam	S_H500X200+PL16_40	0.006	0.002	0.018
3F	B69	Beam	S_H500X200+PL16_40	0.06		
3F	B88	Beam	S_H500X200_40	0.358	0.005	0.027
3F	B88	Beam	S_H500X200_40	0.007		
3F	B89	Beam	S_H500X200_40	0.185	0.022	0.024
3F	B90	Beam	S_H500X200+PL16_40	0.233	0.003	0.051
3F	B97	Beam	S_H500X200_40	0.129	0.058	0.016
3F	B7	Beam	S_H500X200_40	0.035	0.003	0
3F	B7	Beam	S_H500X200_40	0.028		
2F	B56	Beam	S_H500X200_40	0.234	0.091	0
2F	B56	Beam	S_H500X200_40	0.425		
2F	B57	Beam	S_H500X200_40	0.172	0.078	0
2F	B58	Beam	S_H500X200_40	0.268	0.095	0
2F	B59	Beam	S_H500X200_40	0.371	0.107	0
2F	B60	Beam	S_H500X200_40	0.517	0.133	0
2F	B1	Beam	S_H500X200_40	0.093	0.072	0
2F	B3	Beam	S_H500X200_40	0.055	0.045	0
2F	B5	Beam	S_H500X200_40	0.049	0.009	0
2F	B43	Beam	S_H500X200_40	0.026	0.01	0
2F	B43	Beam	S_H500X200_40	0.034		
2F	B44	Beam	S_H500X200_40	0.032	0.011	0
2F	B44	Beam	S_H500X200_40	0.034		
2F	B45	Beam	S_H500X200_40	0.046	0.012	0
2F	B45	Beam	S_H500X200_40	0.043		
2F	B28	Beam	S_H500X200_40	0.007	0.004	0
R1F	D8	Brace	S_P500X12_40	0.179	0.02	0.051
R1F	D8	Brace	S_P500X12_40	0.087		
R1F	D10	Brace	S_P500X12_40	0.223	0.005	0.066

3F	D5	Brace	S_P500X12_40	0.434	0.007	0.008
3F	D5	Brace	S_P500X12_40	0.205		
3F	D6	Brace	S_P500X12_40	0.347	0.011	0.007
3F	D6	Brace	S_P500X12_40	0.161		
3F	D11	Brace	S_P500X12_40	0.282	0.015	0.041
3F	D12	Brace	S_P500X12_40	0.223	0.012	0.025
3F	D12	Brace	S_P500X12_40	0.022		
3F	D13	Brace	S_P500X12_40	0.253	0.015	0.037
3F	D13	Brace	S_P500X12_40	0.103		
3F	D14	Brace	S_P500X12_40	0.22	0.017	0.026
3F	D15	Brace	S_H500X200_40	0.747	0.009	0.049

通廊：

TABLE: Steel Frame Design Summary - AISC LRFD-93						
Story	Label	Design Type	Design Section	PMM Ratio	V Major Ratio	V Minor Ratio
PF	C1	Column	S_P318.5X9_40	0.43	0.063	0.044
PF	C1	Column	S_P318.5X9_40	0.307		
PF	C2	Column	S_P318.5X9_40	0.391	0.06	0.039
PF	C2	Column	S_P318.5X9_40	0.315		
PF	C3	Column	S_P318.5X9_40	0.391	0.061	0.052
PF	C4	Column	S_P318.5X9_40	0.333	0.053	0.051
PF	C4	Column	S_P318.5X9_40	0.297		
PF	C5	Column	S_P318.5X9_40	0.307	0.047	0.049
PF	C5	Column	S_P318.5X9_40	0.265		
PF	C6	Column	S_P318.5X9_40	0.31	0.048	0.048
PF	C6	Column	S_P318.5X9_40	0.265		
PF	C7	Column	S_P318.5X9_40	0.306	0.045	0.05
PF	C7	Column	S_P318.5X9_40	0.238		
PF	C8	Column	S_P318.5X9_40	0.296	0.045	0.049
PF	C9	Column	S_P318.5X9_40	0.313	0.044	0.046
PF	C10	Column	S_P318.5X9_40	0.343	0.054	0.046
PF	C10	Column	S_P318.5X9_40	0.281		
PF	C11	Column	S_P318.5X9_40	0.378	0.055	0.049
PF	C11	Column	S_P318.5X9_40	0.309		
PF	C12	Column	S_P318.5X9_40	0.39	0.056	0.044
PF	C13	Column	S_P318.5X9_40	0.419	0.07	0.037
PF	C13	Column	S_P318.5X9_40	0.342		
PF	C14	Column	S_P318.5X9_40	0.472	0.07	0.037
2F	C1	Column	S_P318.5X9_40	0.612	0.097	0.069
2F	C1	Column	S_P318.5X9_40	0.529		
2F	C2	Column	S_P318.5X9_40	0.7	0.096	0.07
2F	C2	Column	S_P318.5X9_40	0.515		
2F	C3	Column	S_P318.5X9_40	0.652	0.085	0.077
2F	C3	Column	S_P318.5X9_40	0.477		
2F	C4	Column	S_P318.5X9_40	0.661	0.081	0.078
2F	C4	Column	S_P318.5X9_40	0.474		
2F	C5	Column	S_P318.5X9_40	0.584	0.075	0.075
2F	C5	Column	S_P318.5X9_40	0.439		
2F	C6	Column	S_P318.5X9_40	0.584	0.076	0.073
2F	C6	Column	S_P318.5X9_40	0.439		
2F	C7	Column	S_P318.5X9_40	0.51	0.073	0.076
2F	C7	Column	S_P318.5X9_40	0.407		
2F	C8	Column	S_P318.5X9_40	0.482	0.073	0.073
2F	C8	Column	S_P318.5X9_40	0.413		
2F	C9	Column	S_P318.5X9_40	0.553	0.071	0.067
2F	C10	Column	S_P318.5X9_40	0.526	0.085	0.072
2F	C10	Column	S_P318.5X9_40	0.487		
2F	C11	Column	S_P318.5X9_40	0.709	0.089	0.069
2F	C11	Column	S_P318.5X9_40	0.501		
2F	C12	Column	S_P318.5X9_40	0.631	0.087	0.067
2F	C12	Column	S_P318.5X9_40	0.538		
2F	C13	Column	S_P318.5X9_40	0.757	0.11	0.061
2F	C13	Column	S_P318.5X9_40	0.554		
2F	C14	Column	S_P318.5X9_40	0.659	0.103	0.059
2F	C14	Column	S_P318.5X9_40	0.57		
PF	B1	Beam	S_H500X200_40	0.201	0.084	0
PF	B1	Beam	S_H500X200_40	0.22		

PF	B2	Beam	S_H500X200_40	0.189	0.084	0
PF	B8	Beam	S_H500X200_40	0.235	0.094	0
PF	B10	Beam	S_H500X200_40	0.018	0.025	0
PF	B10	Beam	S_H500X200_40	0.015		
PF	B11	Beam	S_H500X200_40	0.251	0.173	0
PF	B12	Beam	S_H500X200_40	0.229	0.099	0
PF	B14	Beam	S_H500X200_40	0.026	0.034	0
PF	B15	Beam	S_H500X200_40	0.069	0.059	0
PF	B16	Beam	S_H500X200_40	0.172	0.075	0
PF	B19	Beam	S_H500X200_40	0.032	0.028	0
PF	B20	Beam	S_H500X200_40	0.17	0.113	0
PF	B21	Beam	S_H500X200_40	0.135	0.091	0
PF	B22	Beam	S_H500X200_40	0.127	0.062	0
PF	B23	Beam	S_H500X200_40	0.138	0.088	0
PF	B24	Beam	S_H500X200_40	0.133	0.087	0
PF	B25	Beam	S_H500X200_40	0.119	0.059	0
PF	B26	Beam	S_H500X200_40	0.131	0.088	0
PF	B27	Beam	S_H500X200_40	0.133	0.089	0
PF	B30	Beam	S_H500X200_40	0.145	0.082	0
PF	B30	Beam	S_H500X200_40	0.121		
PF	B31	Beam	S_H500X200_40	0.104	0.076	0
PF	B31	Beam	S_H500X200_40	0.101		
PF	B34	Beam	S_H500X200_40	0.134	0.098	0
PF	B34	Beam	S_H500X200_40	0.13		
PF	B36	Beam	S_H500X200_40	0.146	0.069	0
PF	B37	Beam	S_H500X200_40	0.047	0.077	0
PF	B37	Beam	S_H500X200_40	0.057		
PF	B38	Beam	S_H500X200_40	0.128	0.089	0
PF	B38	Beam	S_H500X200_40	0.11		
PF	B41	Beam	S_H500X200_40	0.144	0.122	0
PF	B41	Beam	S_H500X200_40	0.149		
PF	B42	Beam	S_H500X200_40	0.058	0.054	0
PF	B42	Beam	S_H500X200_40	0.039		
PF	B44	Beam	S_H500X200_40	0.033	0.044	0
PF	B44	Beam	S_H500X200_40	0.036		
PF	B45	Beam	S_H500X200_40	0.127	0.091	0
PF	B45	Beam	S_H500X200_40	0.209		
PF	B46	Beam	S_H300X150_40	0.007	0.003	0
PF	B47	Beam	S_H500X200_40	0.128	0.094	0
PF	B47	Beam	S_H500X200_40	0.159		
PF	B48	Beam	S_H500X200_40	0.062	0.076	0
PF	B49	Beam	S_H500X200_40	0.029	0.039	0
PF	B49	Beam	S_H500X200_40	0.036		
PF	B50	Beam	S_H300X150_40	0.001	0.002	0
PF	B50	Beam	S_H300X150_40	0.001		
PF	B51	Beam	S_H500X200_40	0.038	0.029	0
PF	B51	Beam	S_H500X200_40	0.048		
PF	B35	Beam	S_H500X200_40	0.135	0.061	0
PF	B52	Beam	S_H500X200_40	0.135	0.032	0
2F	B3	Beam	S_H300X150_40	0.007	0.003	0
2F	B4	Beam	S_H300X150_40	0.002	0.002	0
2F	B5	Beam	S_H500X200_40	0.016	0.029	0
2F	B6	Beam	S_H500X200_40	0.029	0.054	0
2F	B7	Beam	S_H500X200_40	0.021	0.032	0
2F	B8	Beam	S_H500X200_40	0.447	0.188	0
2F	B9	Beam	S_H500X200_40	0.219	0.103	0
2F	B11	Beam	S_H500X200_40	0.262	0.13	0
2F	B12	Beam	S_H500X200_40	0.264	0.171	0
2F	B13	Beam	S_H500X200_40	0.072	0.069	0
2F	B13	Beam	S_H500X200_40	0.091		
2F	B16	Beam	S_H500X200_40	0.343	0.159	0
2F	B17	Beam	S_H500X200_40	0.057	0.069	0
2F	B18	Beam	S_H500X200_40	0.02	0.02	0
2F	B18	Beam	S_H500X200_40	0.017		
2F	B20	Beam	S_H500X200_40	0.204	0.11	0
2F	B21	Beam	S_H500X200_40	0.228	0.129	0
2F	B22	Beam	S_H500X200_40	0.273	0.131	0
2F	B23	Beam	S_H500X200_40	0.213	0.114	0
2F	B24	Beam	S_H500X200_40	0.206	0.112	0
2F	B25	Beam	S_H500X200_40	0.262	0.126	0
2F	B26	Beam	S_H500X200_40	0.023	0.116	0
2F	B26	Beam	S_H500X200_40	0.209		

2F	B27	Beam	S_H500X200_40	0.213	0.113	0
2F	B28	Beam	S_H500X200_40	0.078	0.046	0
2F	B28	Beam	S_H500X200_40	0.079		
2F	B29	Beam	S_H500X200_40	0.101	0.083	0
2F	B29	Beam	S_H500X200_40	0.093		
2F	B30	Beam	S_H500X200_40	0.278	0.159	0
2F	B30	Beam	S_H500X200_40	0.329		
2F	B31	Beam	S_H500X200_40	0.154	0.153	0
2F	B31	Beam	S_H500X200_40	0.22		
2F	B32	Beam	S_H500X200_40	0.37	0.169	0
2F	B33	Beam	S_H500X200_40	0.14	0.098	0
2F	B33	Beam	S_H500X200_40	0.14		
2F	B34	Beam	S_H500X200_40	0.173	0.103	0
2F	B34	Beam	S_H500X200_40	0.186		
2F	B36	Beam	S_H500X200_40	0.477	0.19	0
2F	B38	Beam	S_H500X200_40	0.279	0.187	0
2F	B38	Beam	S_H500X200_40	0.275		
2F	B39	Beam	S_H500X200_40	0.065	0.069	0
2F	B39	Beam	S_H500X200_40	0.082		
2F	B40	Beam	S_H500X200_40	0.651	0.197	0
2F	B40	Beam	S_H500X200_40	0.516		
2F	B41	Beam	S_H500X200_40	0.193	0.118	0
2F	B41	Beam	S_H500X200_40	0.241		
2F	B43	Beam	S_H300X150_40	0.024	0.025	0
2F	B43	Beam	S_H300X150_40	0.029		
2F	B44	Beam	S_H500X200_40	0.065	0.098	0
2F	B44	Beam	S_H500X200_40	0.077		
2F	B45	Beam	S_H500X200_40	0.489	0.242	0
2F	B45	Beam	S_H500X200_40	0.639		
2F	B46	Beam	S_H300X150_40	0.007	0.003	0
2F	B46	Beam	S_H300X150_40	0.006		
2F	B48	Beam	S_H500X200_40	0.036	0.044	0
2F	B48	Beam	S_H500X200_40	0.033		

高志宏結構技師