

# Louden Residence

3315 97<sup>th</sup> Ave SE  
Mercer Island, WA 98040

## SUPPLEMENTAL STRUCTURAL CALCULATIONS

July 6, 2020



Prepared by

Gary E. Gill, S.E.  
1125 NE 152<sup>nd</sup> Street  
Shoreline, Washington 98155  
(206) 992-2728  
gill26608@yahoo.com

# DISCONTINUOUS HOLD DOWNS

LOADEN

SWEI

$$HDL = 4495^* \quad \text{USE: MSTC66B3}$$

$$= 5505 - 1010$$

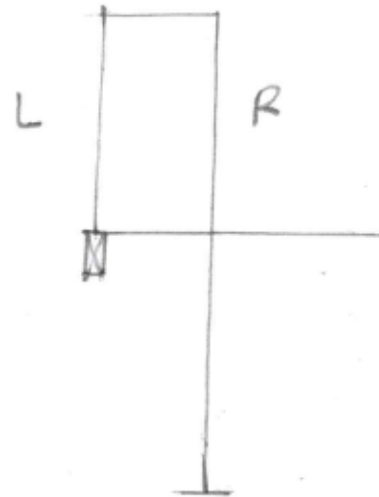
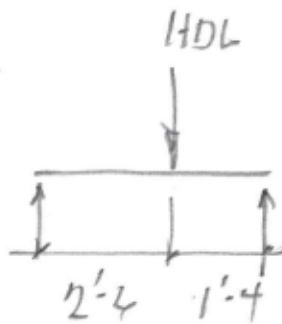
$V_s \quad D$

BEAM BEL

$$HDL_{max} =$$

$$5505(2.5) + 1010$$

$$= 14.8^k$$



$$V_{max} = 14.8(2.5) / 3.83 = 9642^*$$

$$f_v = \frac{9642(1.5)}{1.75(14)} = 590 \text{ PSI}$$

$$F_v = 290(1.6) = 464 \text{ PSI} \quad \text{ADD } \underline{\underline{1-1\frac{3}{4} \times 14 \text{ LSL}}}$$

$$M_{max} = \frac{14.8(1.33)2.5}{3.83} = 12.85$$

$$f_b = \frac{12.85(12)}{1.75(14)^2/2} = 2.7 \text{ ksi} \quad \text{OK}$$

# DISCONTINUOUS HOLD DOWNS (CONT)

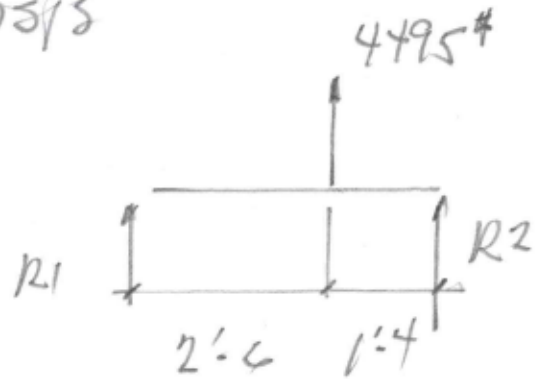
LOADEN

## SWE1 (CONT)

### CONNECTION @ BASEMENT POSTS

$$R2 = 4495(2.5) / 3.83 = 2934\#$$

USE: MSTC48BC



### WALL DL @ R2

$$\begin{aligned} W_{DL} &= 5 \times 2 \times 20 + 10 \times 10 \times 2 \\ &= 400\#/\text{ft} \end{aligned}$$

$$\text{HEADER LENGTH} = 8'$$

$$\text{DL @ TOP OF WALL} = 1600\#$$

$$\text{DL REQ @ FTG} = 2934 - 1600 = 1334\#$$

$$\text{FTG DL} = 1.5(1) / 50 = 225\#/\text{ft}$$

$$L_{REQ} = 1334 / 225 = 6'$$

$$M_{FTG} = 225(3)^2 / 2 = 1013\# \cdot \text{ft}$$

$$S_{FTG} = 18(12)^2 / 6 = 432 \text{ IN}^3$$

$$f_b = 1013(12) / 432 = 28 \text{ PSI}$$

$$f_{ALL} = 7\sqrt{2500} = 350 \text{ PSI OK USE: EXIST FTG}$$

W/4D2

## DISCONJ HOLD DOWNS (CONT)

LOUEN

### HOLD DOWN @ R1

$$R1 = 4495(1.33) / 3.83 = 1561 \#$$

$$WT \text{ OF FTG} = 4 \times 2 \times 150 = 1200 \#$$

$$WT \text{ FROM BEARING WALL} = 2 \times 7 \times 20 + 10 \times 10 \times 2 = 540 \#$$

$$\text{TOTAL DL} = 1740 \# \text{ OK}$$

USE: H02

### SWEI (CONT)

$$HDR = 2263 \#$$

$$DL \text{ FROM EXIST GLB} = 1222 \#$$

$$DL \text{ FROM } 7 \times 14 \text{ PSL} = 10 \times 6 \times 20 = 1200 \#$$

$$\text{TOT DL} - 2422 \# > HDR \text{ SO NO AD}$$

NEEDED @ POST CONN TO FTG

HOLD DOWN IS ONLY REQ'D TO EXIST PSL

TR1 CPT 66Z W/ 2- $\frac{1}{2}$ "  $\phi$  LAG BOLTS

$$P_{mu} = 19.84 \# \text{ OK}$$

$$P_{up} = 2 \times 1.6 \times 378 \# = 1209 \#$$

USE: CPT 66Z W/ 2- $\frac{1}{2}$ "  $\phi$  x 6" LAG BOLTS

# DISCONTINUOUS HOUD DOWNS (CONT)

LOUDEN

SWB2

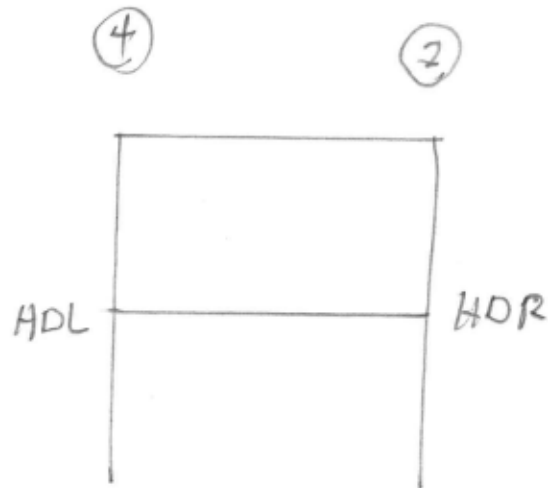
$$HDL = 1924^{\#}$$

DL @ 1<sup>st</sup> FLOOR =

$$7100 - 4000 - 3100^{\#}$$

THEREFORE NO HD REQ'D

⊙ HDL



HDR = 2010<sup>#</sup>

DL @ 1<sup>st</sup> FLOOR =

$$5600 - 3870 - 4 \times 10 \times 20 = 930^{\#}$$

$$FTG WJ = 4 \times 150 = 600^{\#}$$

$$WALL DL = 3 \times 10 \times 10 = 300^{\#}$$

$$GRAND BSM DL = 1.5 \times 150 \times 1 = 225^{\#}$$

$$\text{TOTAL DL} = 930 + 600 + 300 + 225 = 2055^{\#}$$

USE: HD2 @ FTG

## BALCONY GUARD RAILS

### AT CANOPY

$$M = 200(2.75) = 550 \text{ #}'$$

$$M_{TOT} = 550 + 200(.5) = 650 \text{ #}'$$

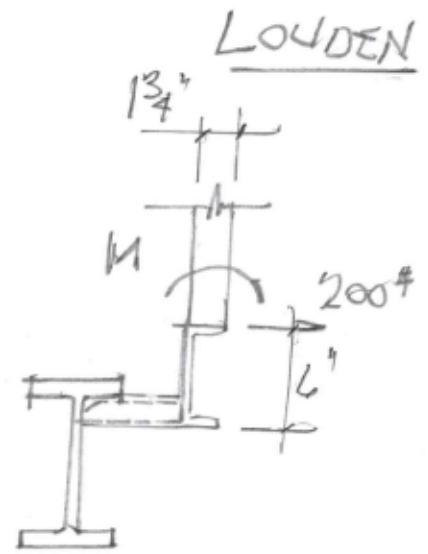
### VERT

$$S_{REQ} = \frac{550(12)}{50(.6)} = .22 \text{ IN}^3$$

W/ 1.75 DEPTH

$$T_R = \frac{.22(6)}{1.75^2} = .43''$$

USE:  $\text{PL } 1\frac{3}{4} \times \frac{1}{2}$  A992 @ 4'-0" OC MAX



### OUTLOOKER

$$S_R = \frac{650(12)}{50(.6)} = .26 \text{ IN}^3$$

$$\text{W/ DEPTH} = 2\frac{1}{2}'' \quad T_R = \frac{.26(6)}{2.5^2} = .25''$$

USE:  $\text{PL } 2\frac{1}{2} \times \frac{3}{8}$  A992 @ 4'-0" OC MAX

### CHANNEL

#### WEB BENDING

$$S_R = .26 \quad S = t_w^2 (48)/6 = t_w^2 (8)$$

$$t_{WR} = \sqrt{\frac{.26}{8}} = .18'' \quad \text{USE: } \underline{\underline{\text{MC } 6 \times 12}}$$

# GUARD RAIL @ EXISTING BALCONY

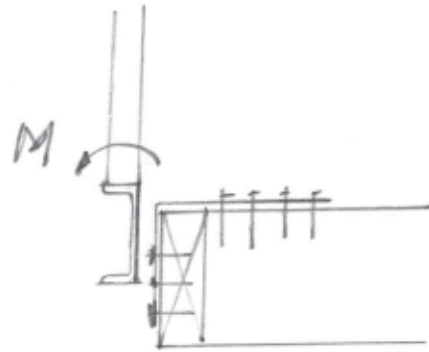
LOADEN

$$M = 200(3) = 600 \text{ \#-1}$$

## STRAP

$$T = 600(12)/12 = 600 \text{ \#}$$

USE: CS16 W/ 10 - 0.148"  $\phi$   
X 2 1/2" NAILS EA END



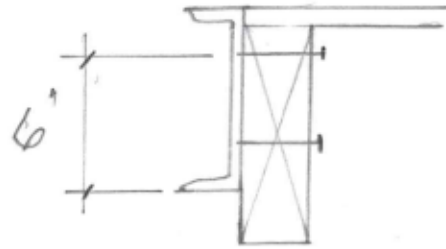
## CHANNEL

$$M = 3.17(200) = 634 \text{ \#-1}$$

TRY MC8x18.7

$$t_w = .353" \quad S = 48(.353)^2/6 \\ = .99 \text{ IN}^3$$

$$f_b = 634(12)/.99 = 7.63 \text{ ksi OK} \quad \text{USE: MC 8x18.7}$$



## WELDED THREADED STUDS

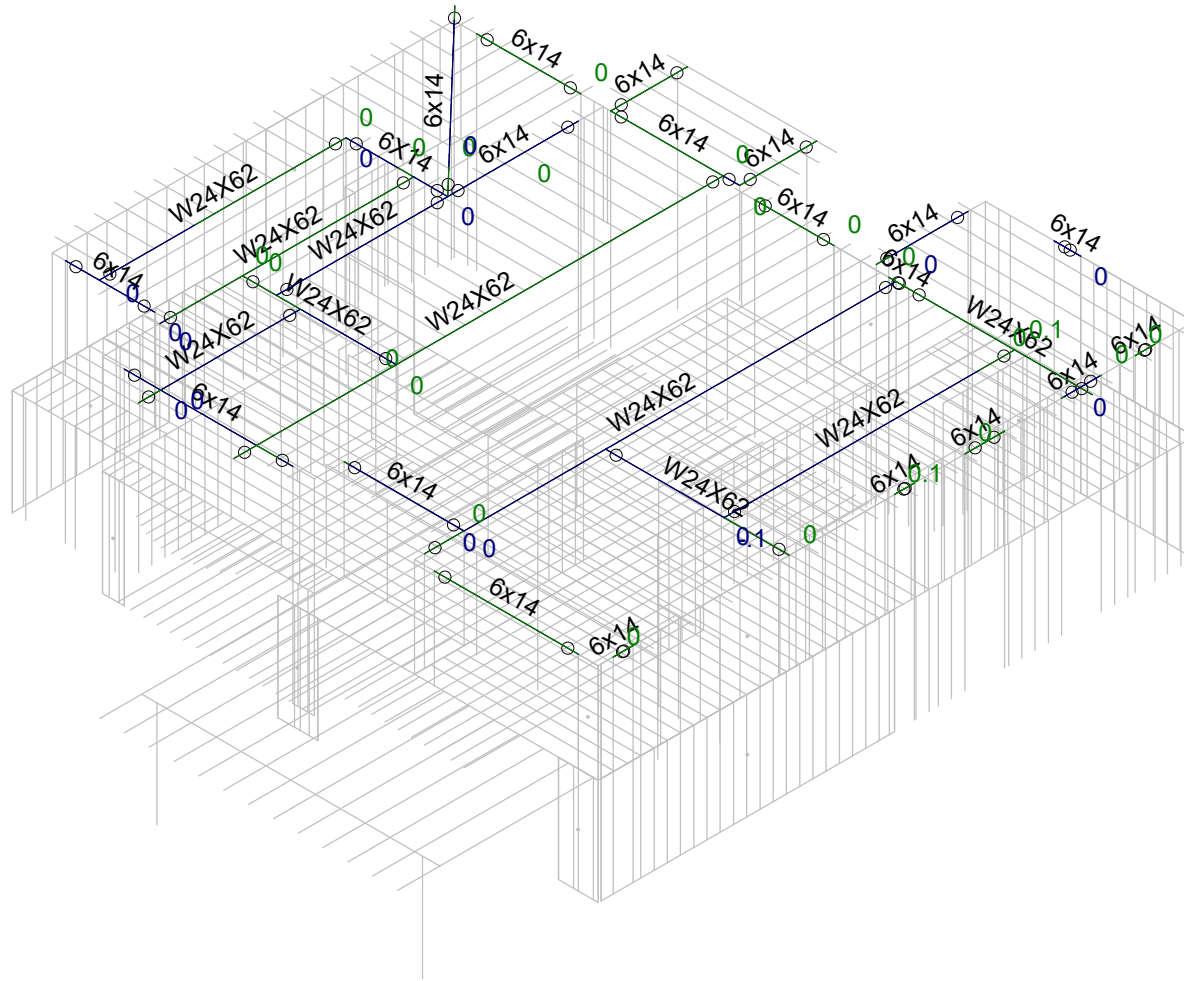
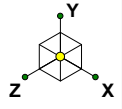
$$T = 634(12)/6 = 1268 \text{ \#}$$

USE: 2 - 1/2"  $\phi$  WELDED THREADED STUDS @ 24" OC

## WASHER

$$A_{REQ} = \frac{1268}{6.25(1.25)} = 1.62 \text{ IN}^2 \quad \text{TRY BP 1/2} \quad A = 2^2 = 3.14(3/16)^2 \\ = 3.9 \text{ IN}^2 \text{ OK}$$

USE: BP 1/2



Results for LC 4, d+.75sn+.75l  
Member Axial Forces (k)

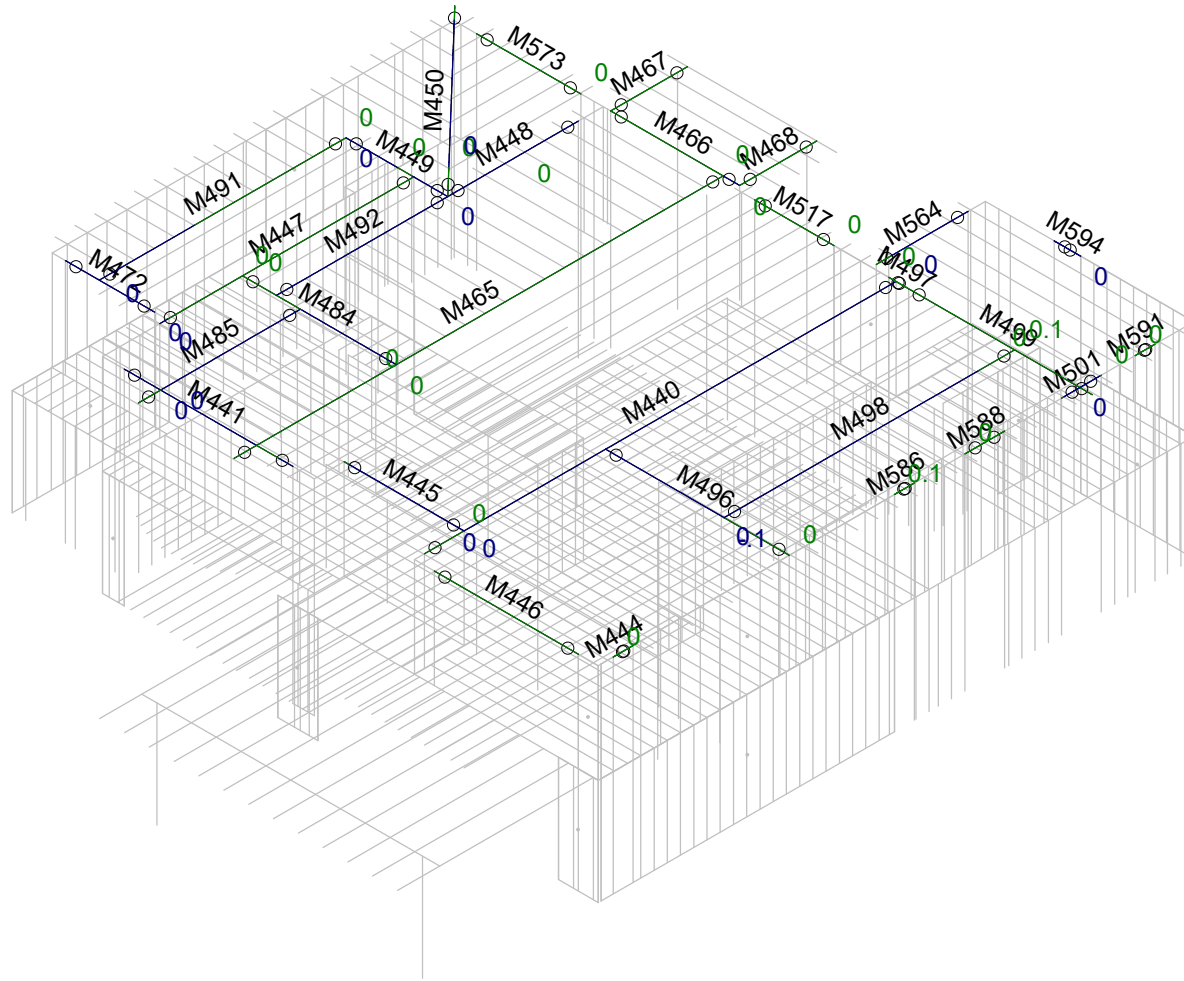
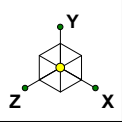
Roof Member Sizes

Roof Framing - 1

July 6, 2020 at 10:35 AM

louden risa model permit comments response 7...





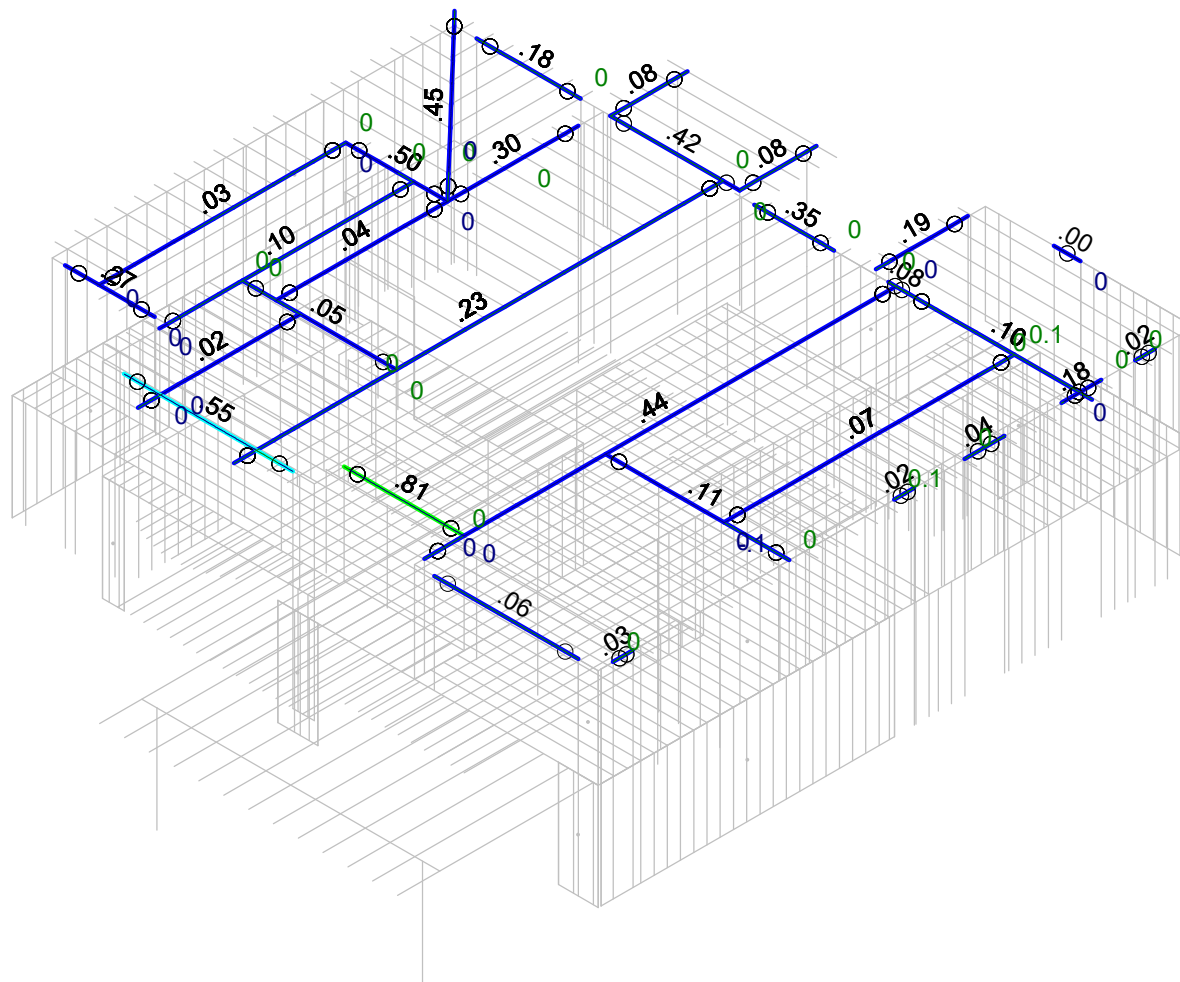
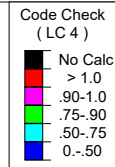
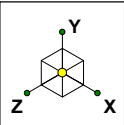
Results for LC 4, d+.75sn+.75l  
Member Axial Forces (k)

Member Labels

Roof Framing - 2

July 6, 2020 at 10:36 AM

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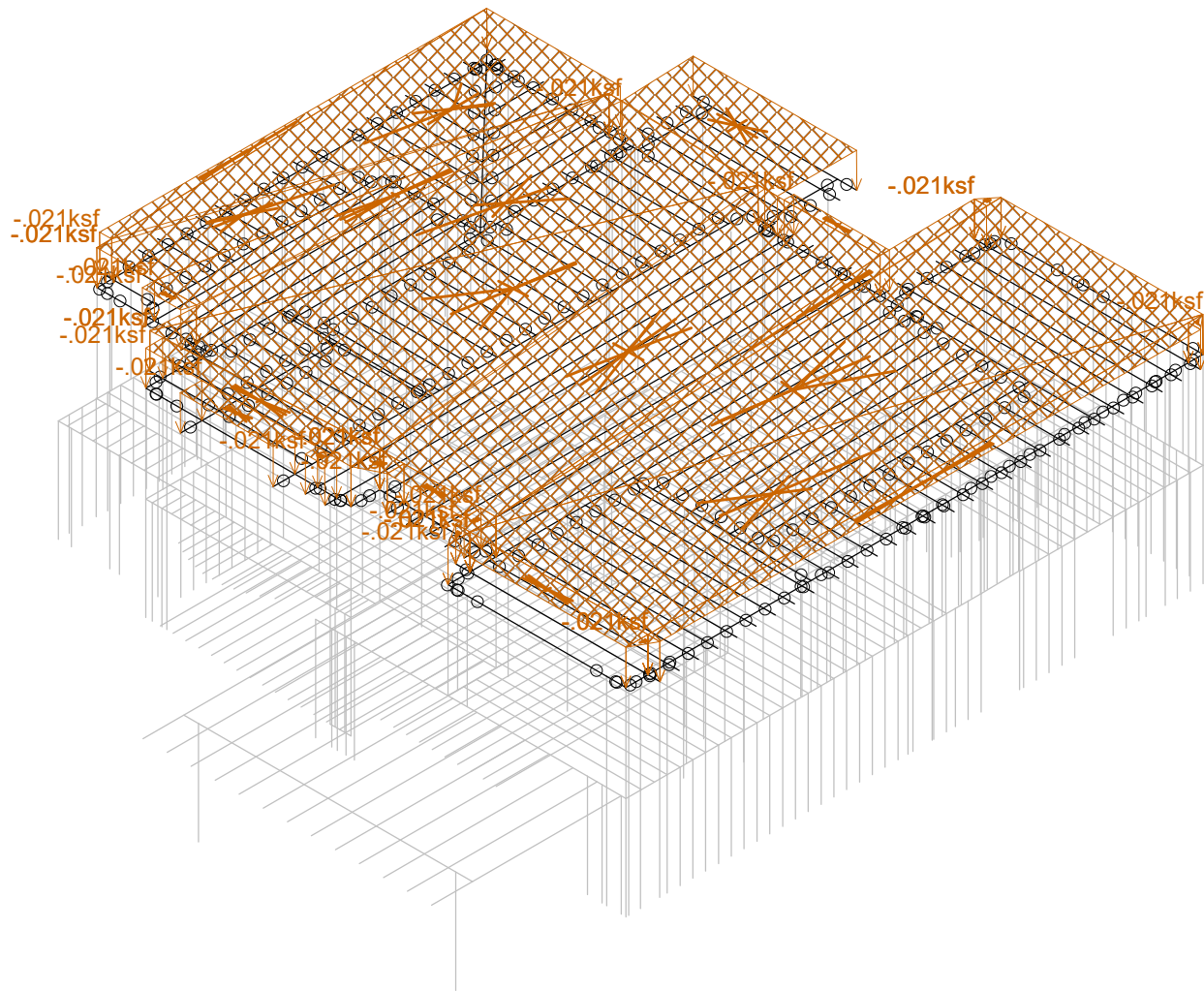
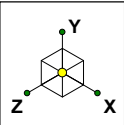
Member Code Checks Displayed  
 Results for LC 4, d+.75sn+.75l  
 Member Axial Forces (k)

Member Stress Levels

Roof Framing - 3

July 6, 2020 at 10:37 AM

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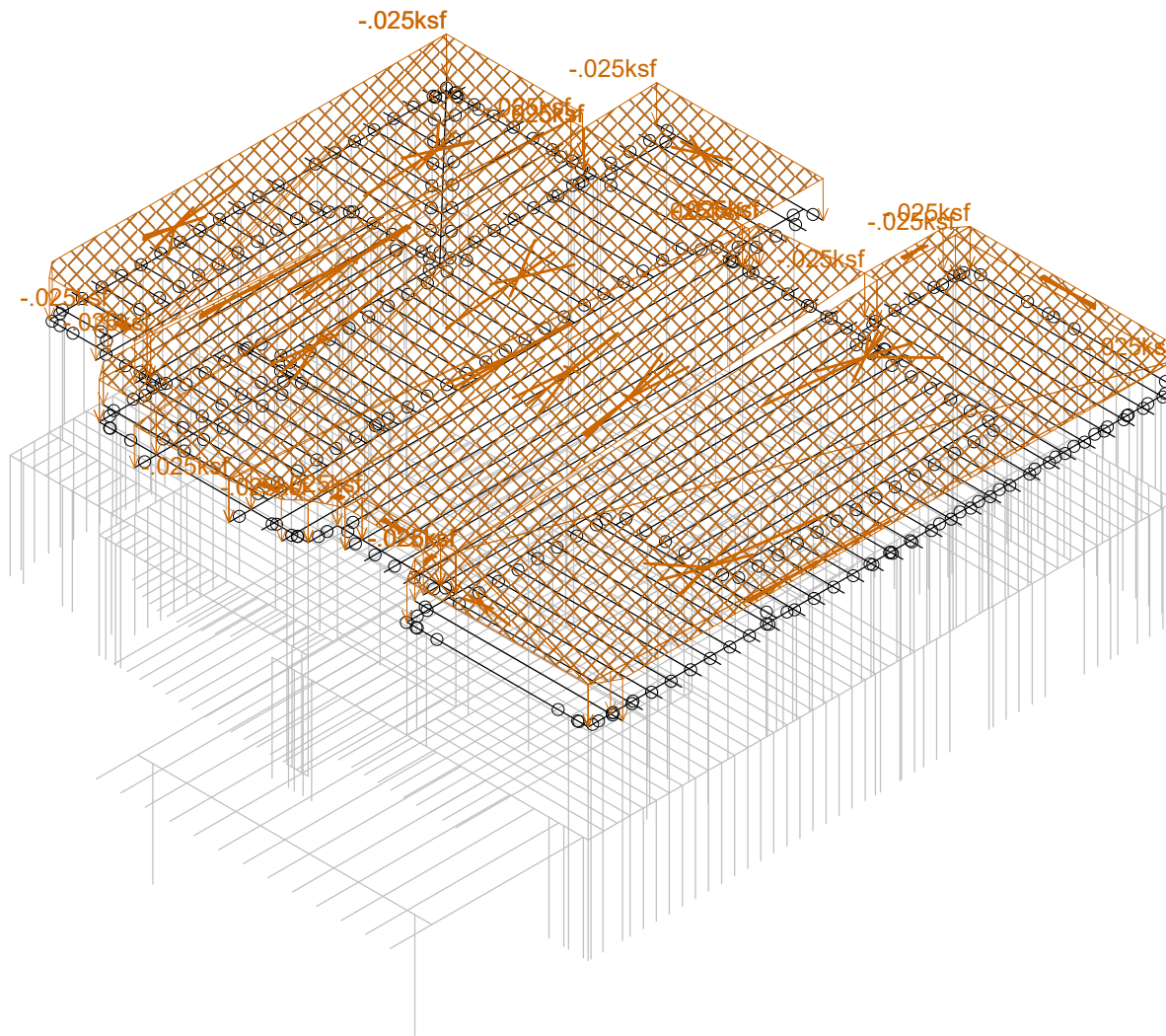
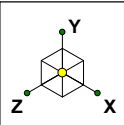
Loads: BLC 1, dead

Dead Load

Roof Framing - 3. 1

July 6, 2020 at 12:17 PM

louden risa model permit comments response 7...



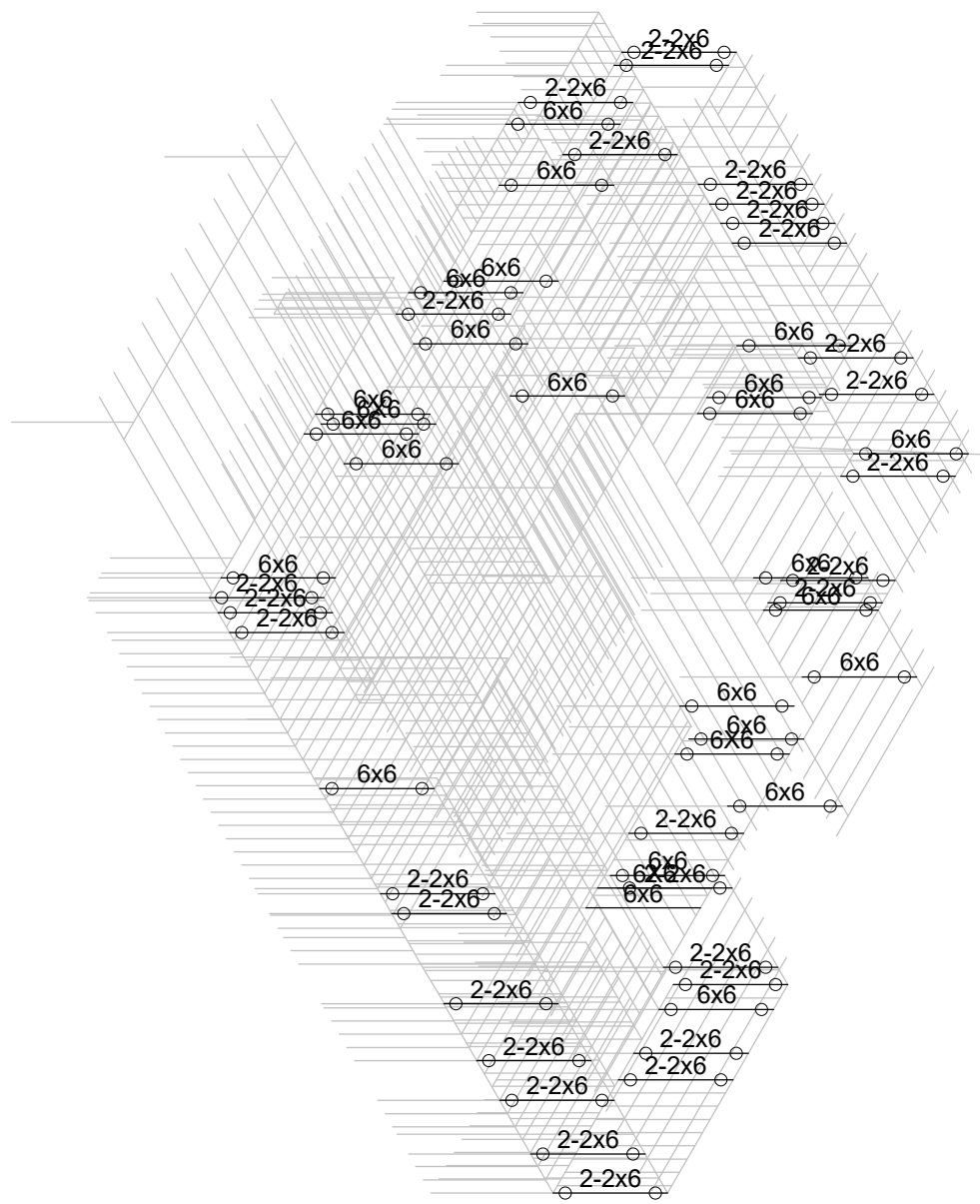
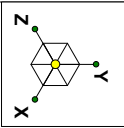
Loads: BLC 2, snow

Snow Load

Roof Framing - 3. 2

July 6, 2020 at 12:19 PM

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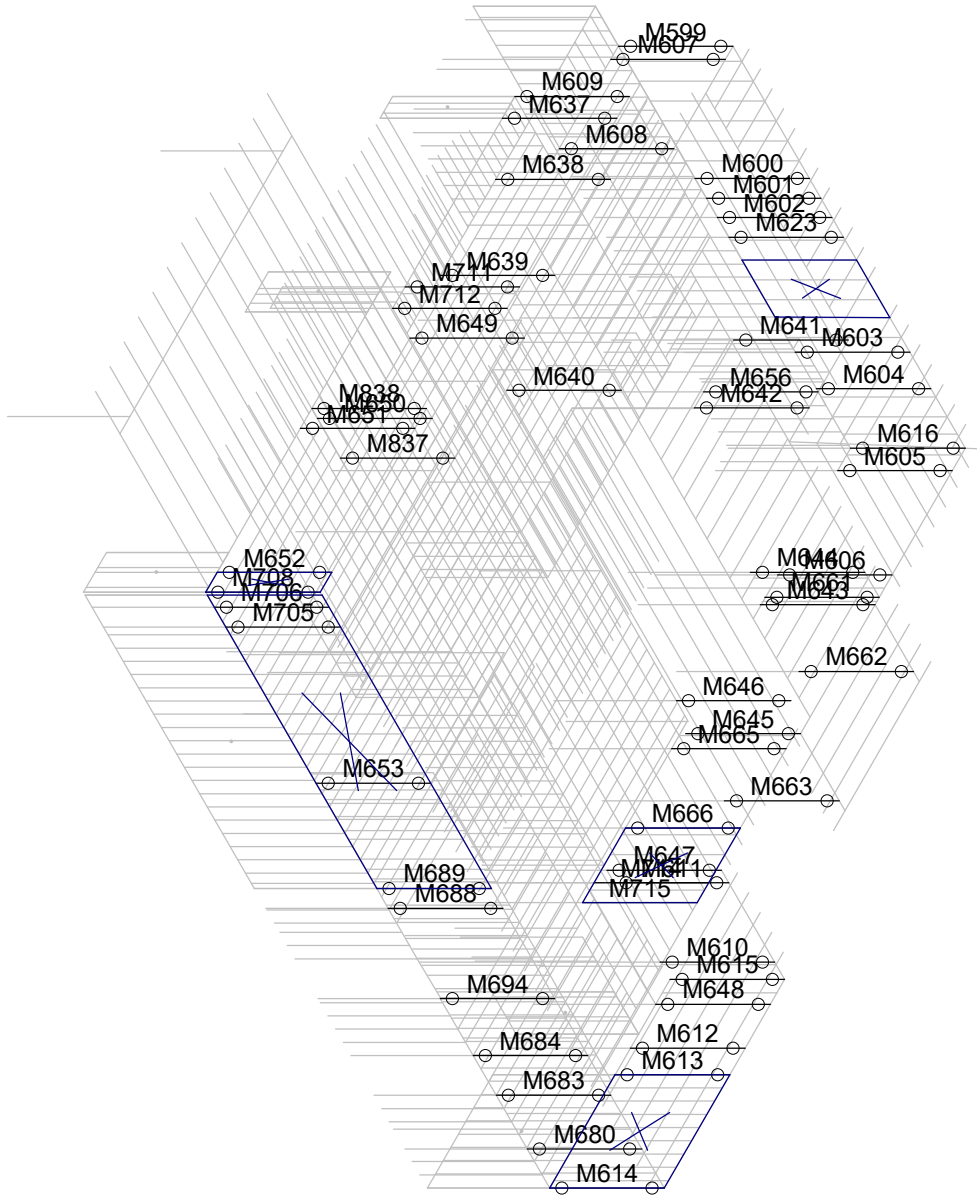
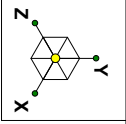


Column Sizes

Roof Framing - 4

July 6, 2020 at 10:40 AM

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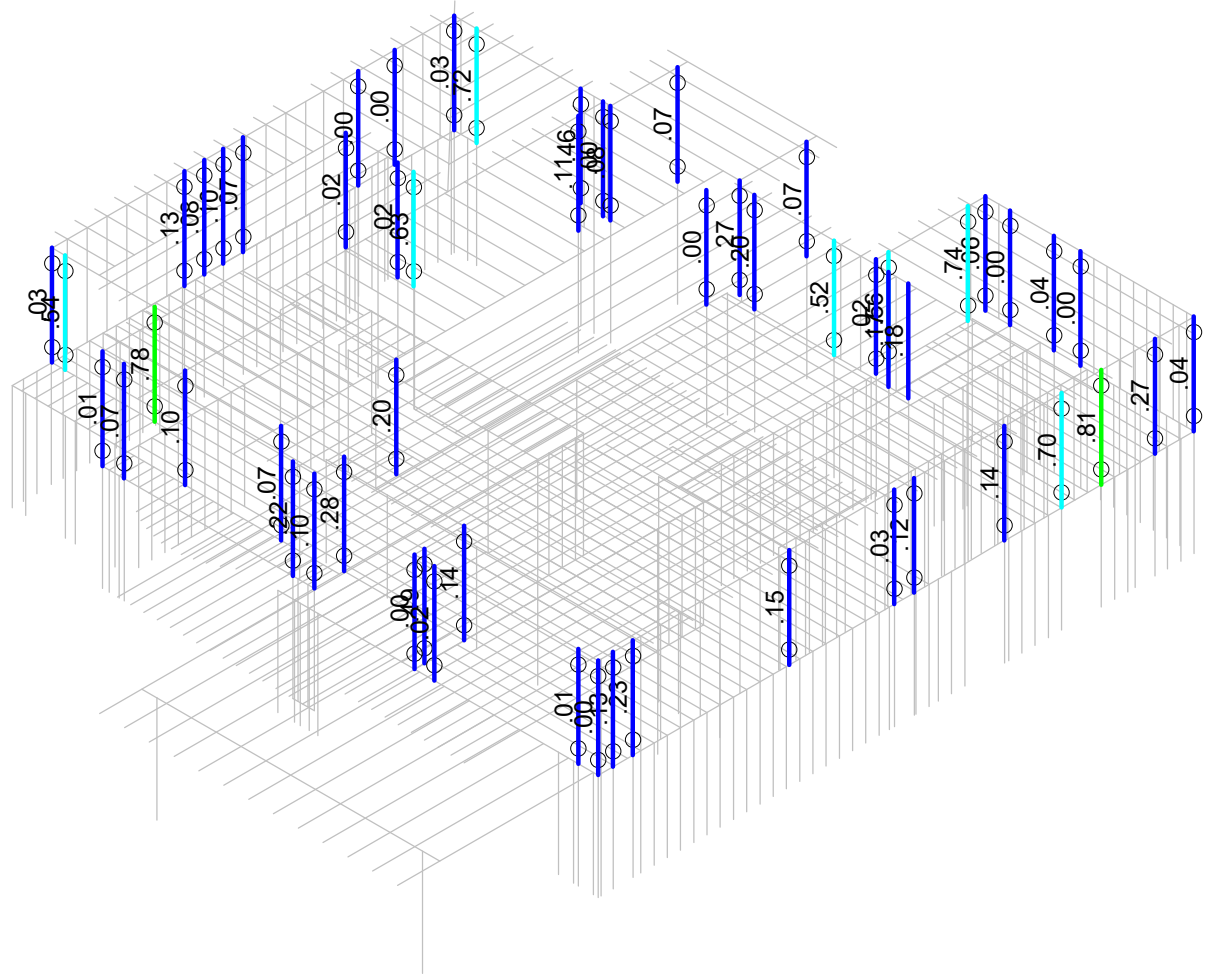
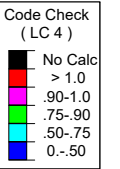
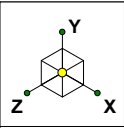


Column Labels

Roof Framing - 5

July 6, 2020 at 10:41 AM

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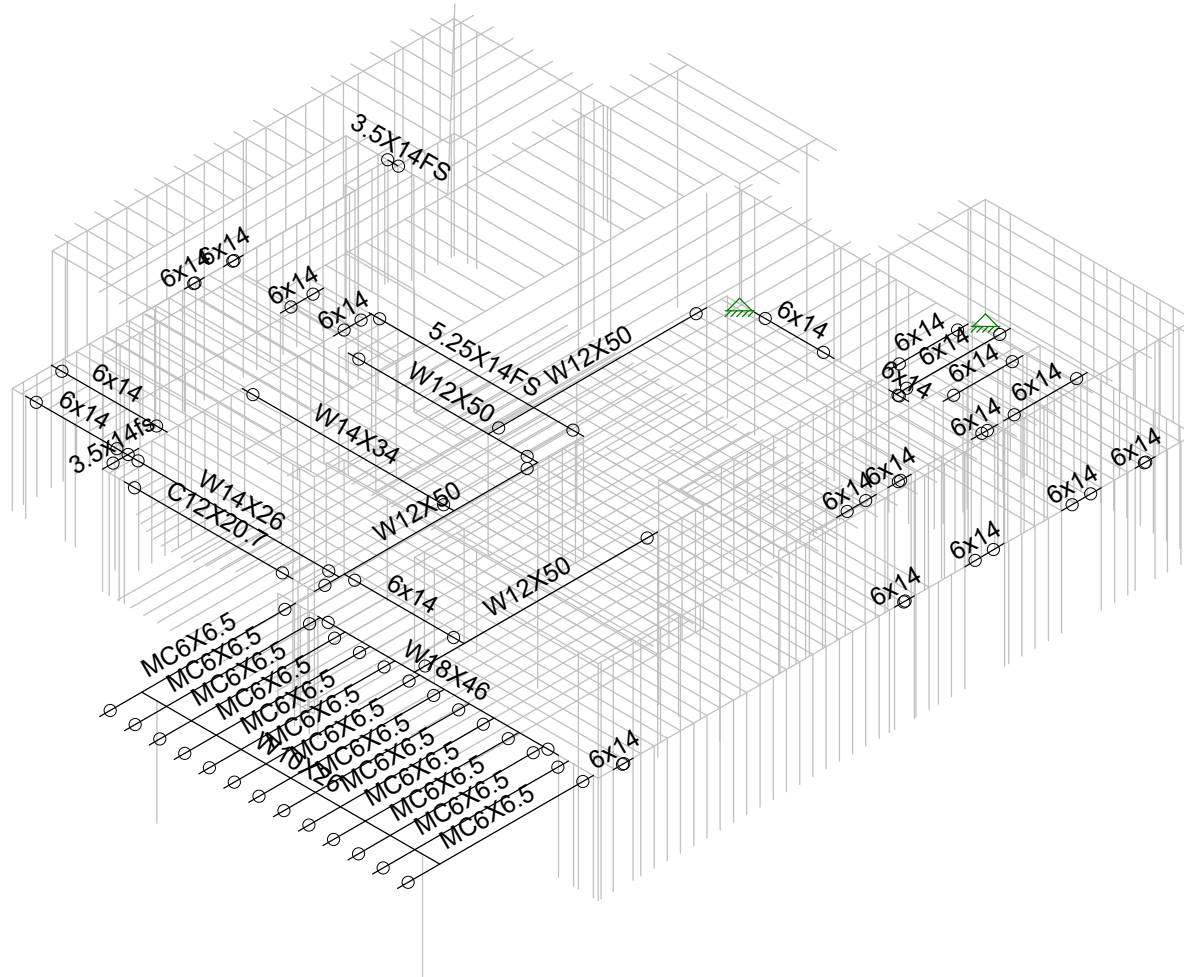
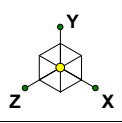
Member Code Checks Displayed  
Results for LC 4, d+.75sn+.75l

Column Stress Levels

Roof Framing - 6

July 6, 2020 at 10:42 AM

louden risa model permit comments response 7...

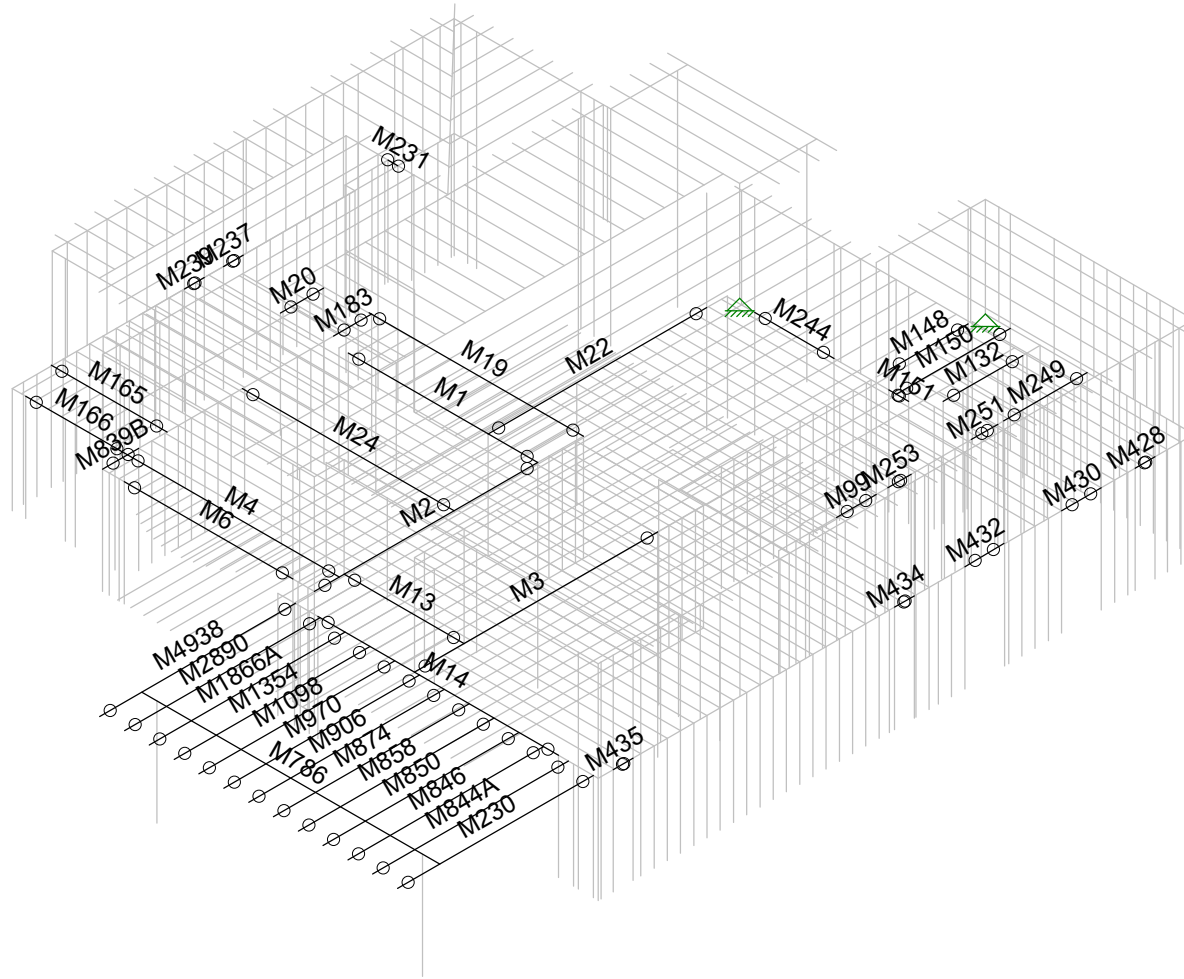
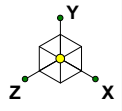




2nd Floor Framin - 7
July 6, 2020 at 10:45 AM
louden risa model permit comments response 7...

Member Sizes

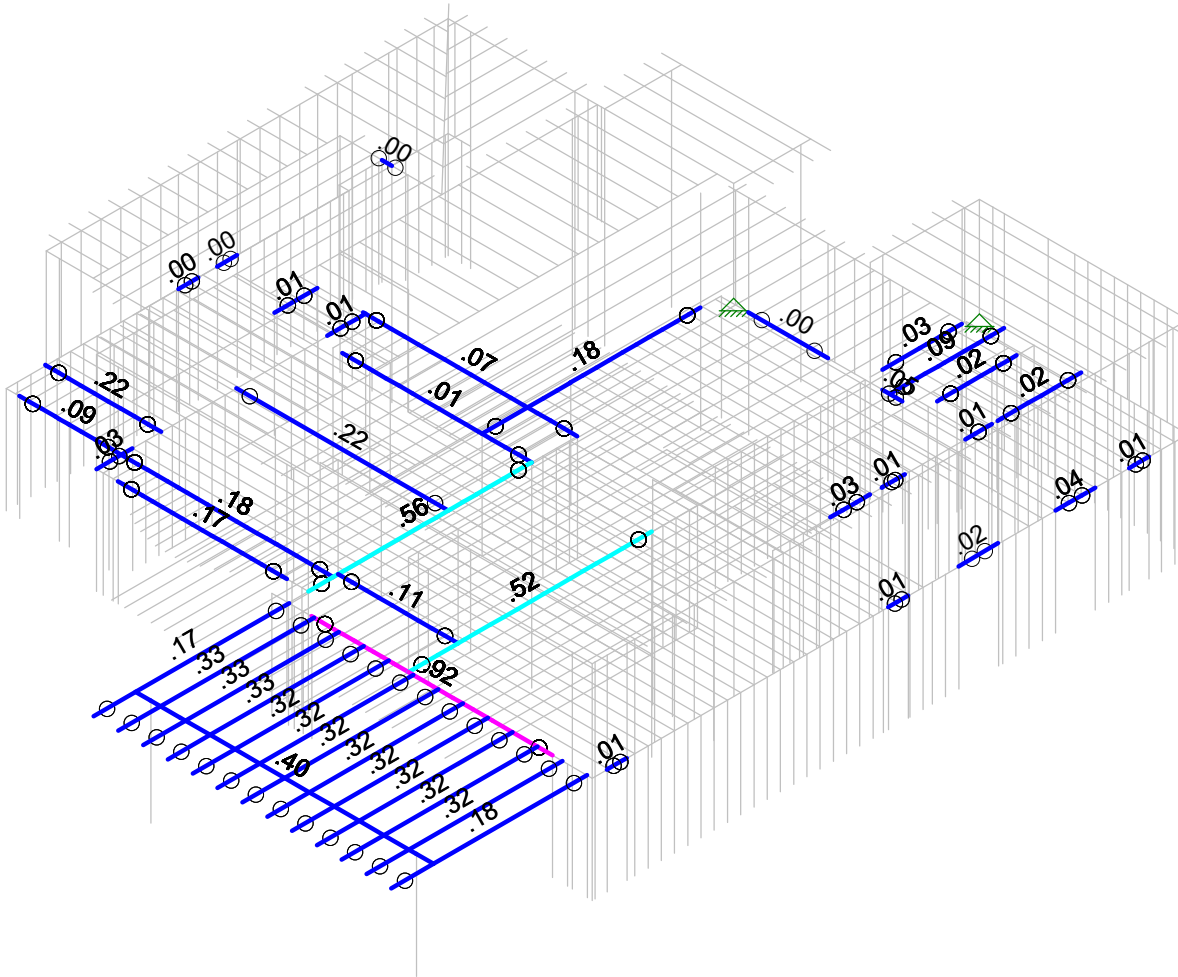
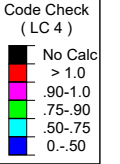
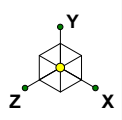






2nd Floor Framing - 8
July 6, 2020 at 10:46 AM
louden risa model permit comments response 7...

Member Labels



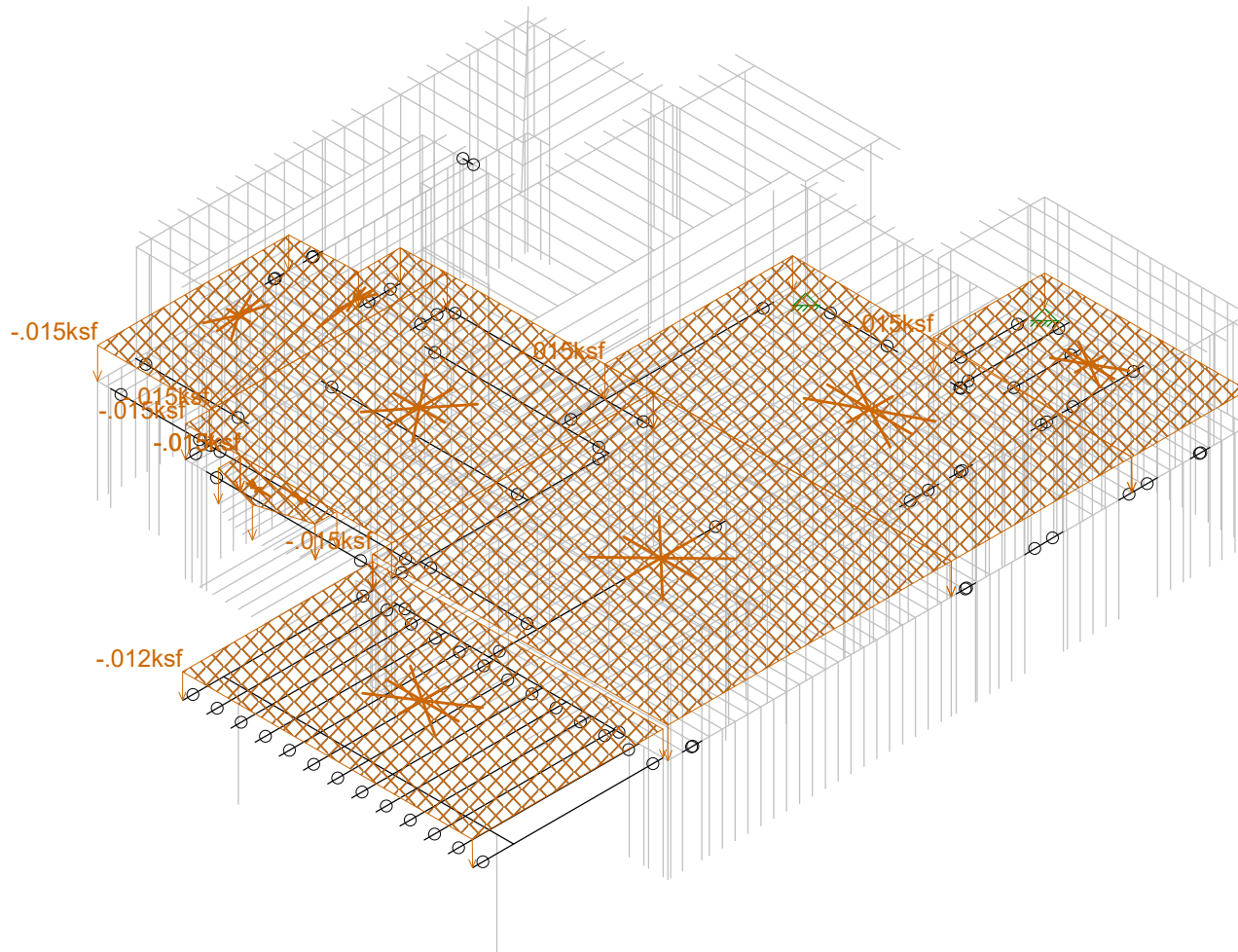
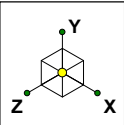
Member Code Checks Displayed  
Results for LC 4, d+.75sn+.75l

Member Stress Levels

2nd Floor Framing - 9

July 6, 2020 at 10:47 AM

louden risa model permit comments response 7...



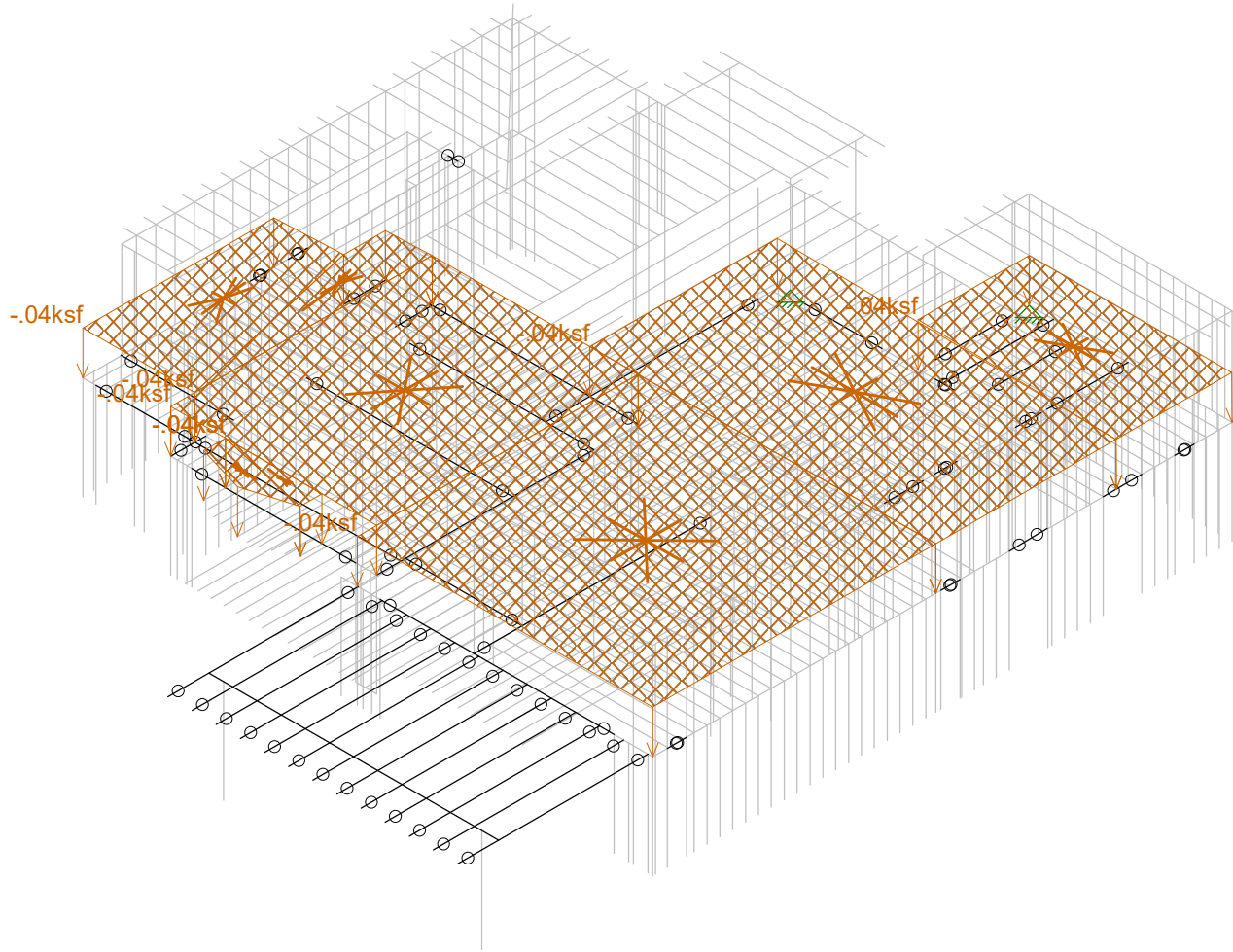
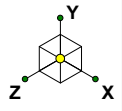
Loads: BLC 1, dead

Dead Load

2nd Floor Framing - 10

July 6, 2020 at 11:38 AM

louden risa model permit comments response 7...



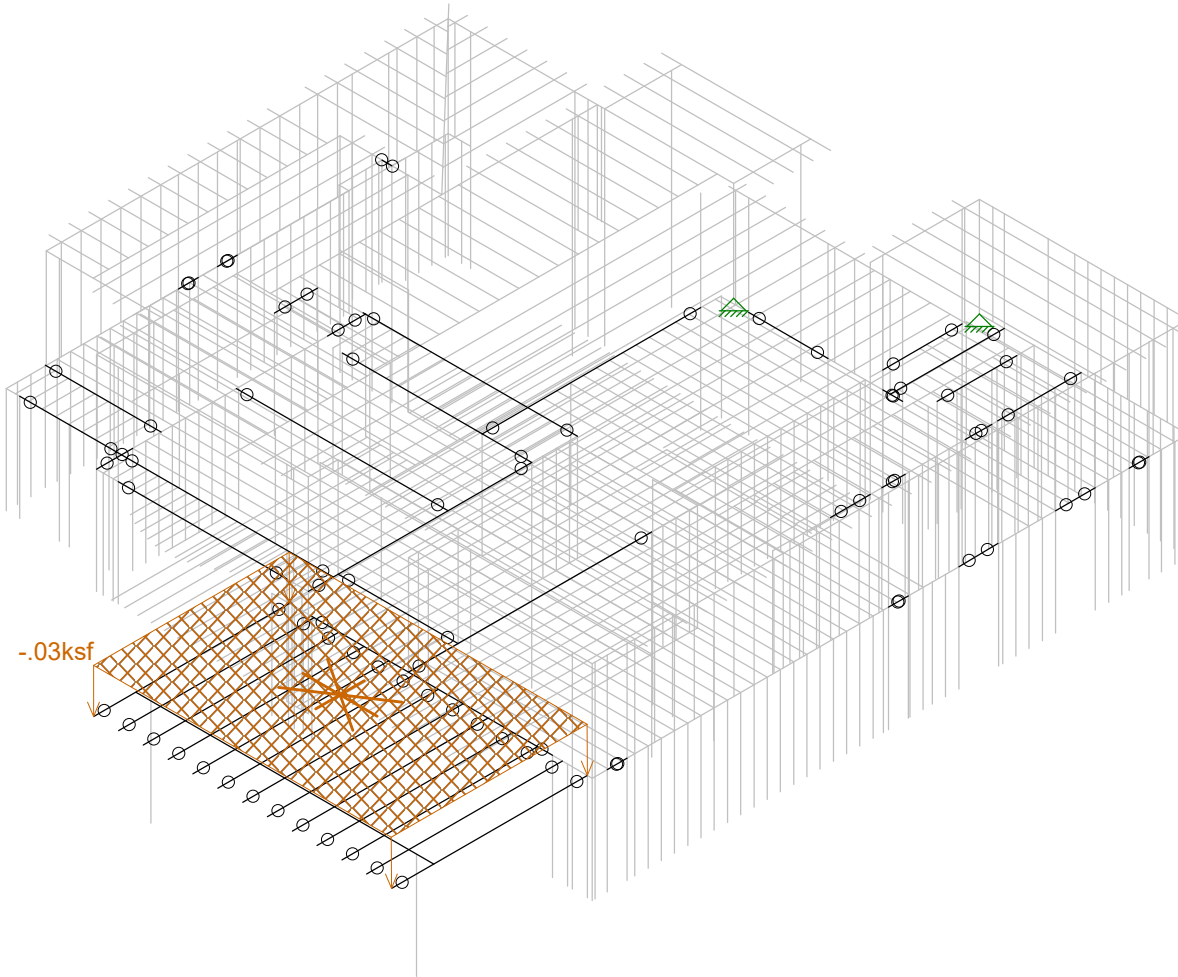
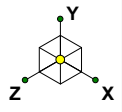
Loads: BLC 3, live

Live Load

2nd Floor Framing - 11

July 6, 2020 at 11:38 AM

louden risa model permit comments response 7...



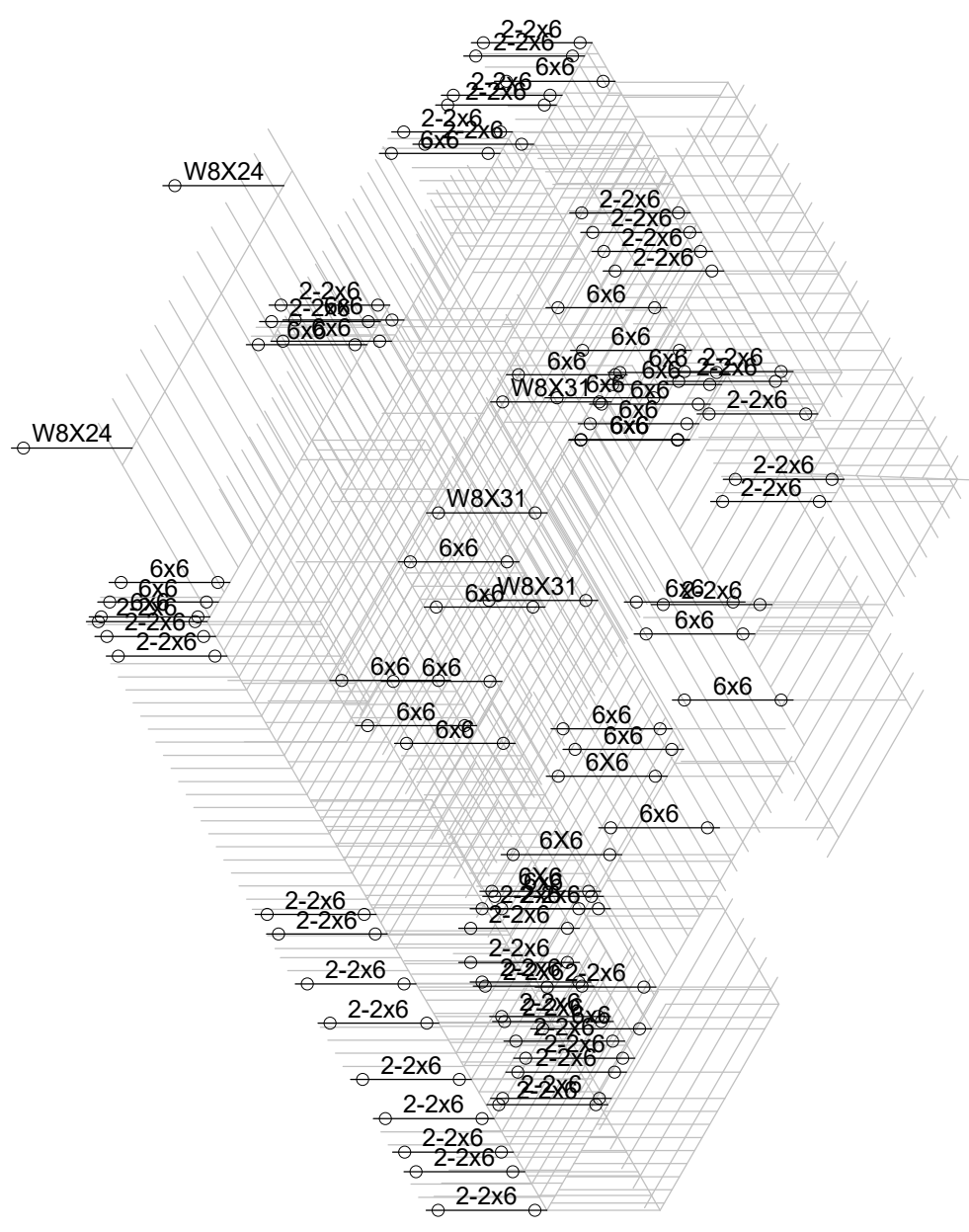
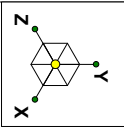
Loads: BLC 2, snow

Snow Load

2nd Floor Framing - 12

July 6, 2020 at 11:39 AM

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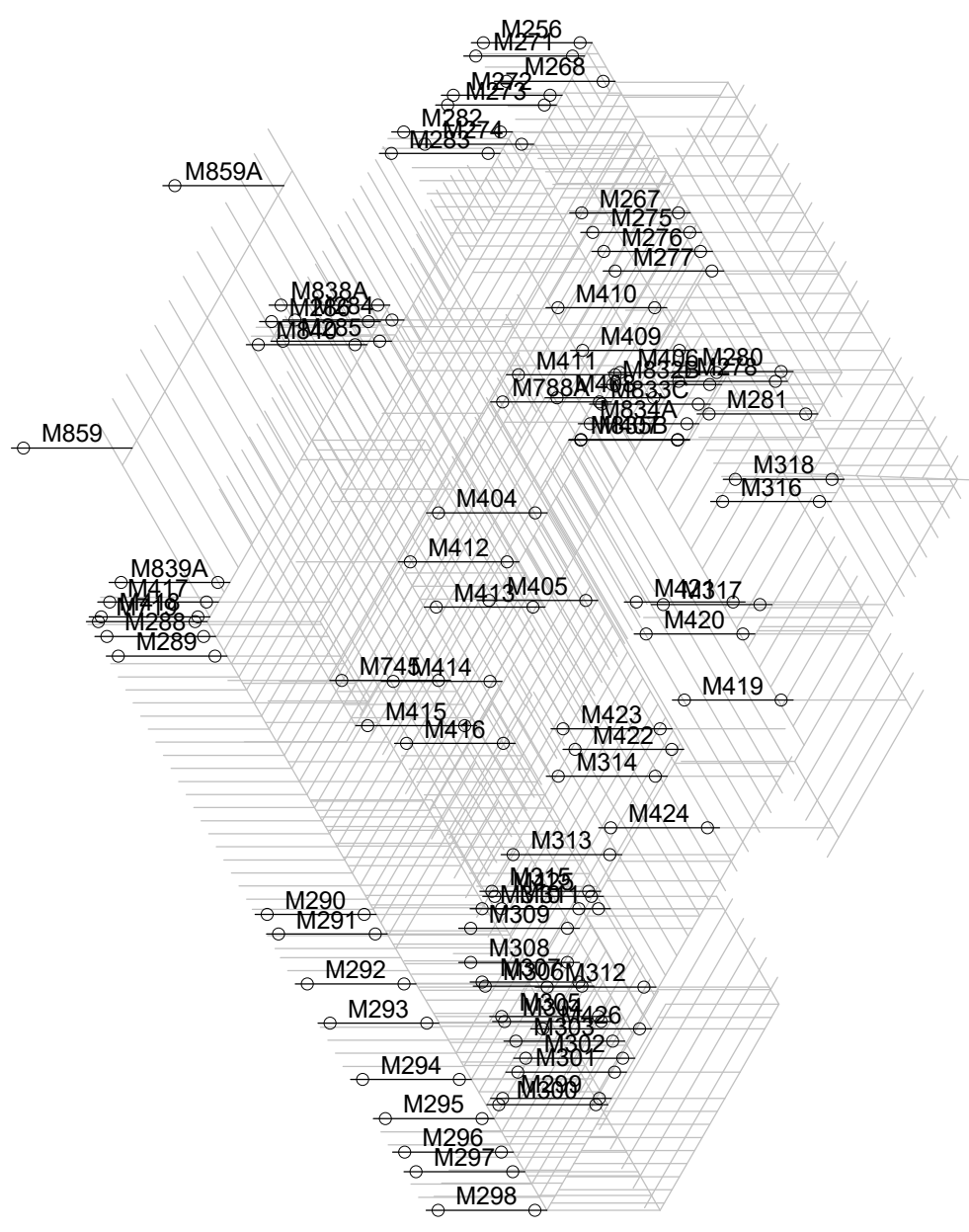
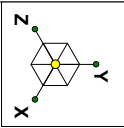


Column Sizes

2nd Floor Framing - 13

July 6, 2020 at 11:42 AM

Iou den risa model permit comments response 7...

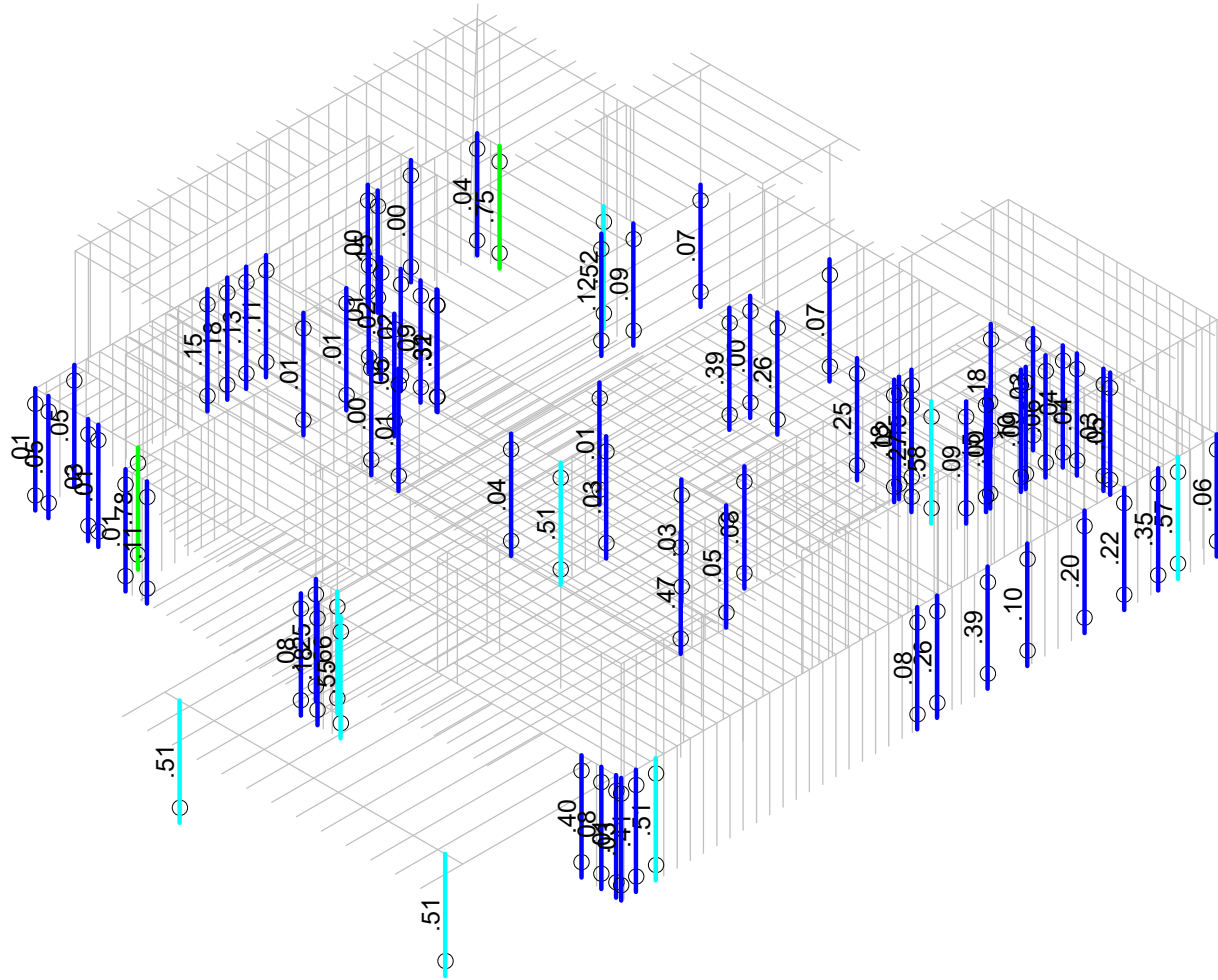
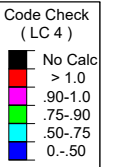
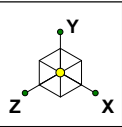


Column Labels

2nd Floor Framing - 14

July 6, 2020 at 11:43 AM

Iou den risa model permit comments response 7...



Member Code Checks Displayed  
Results for LC 4, d+.75sn+.75l

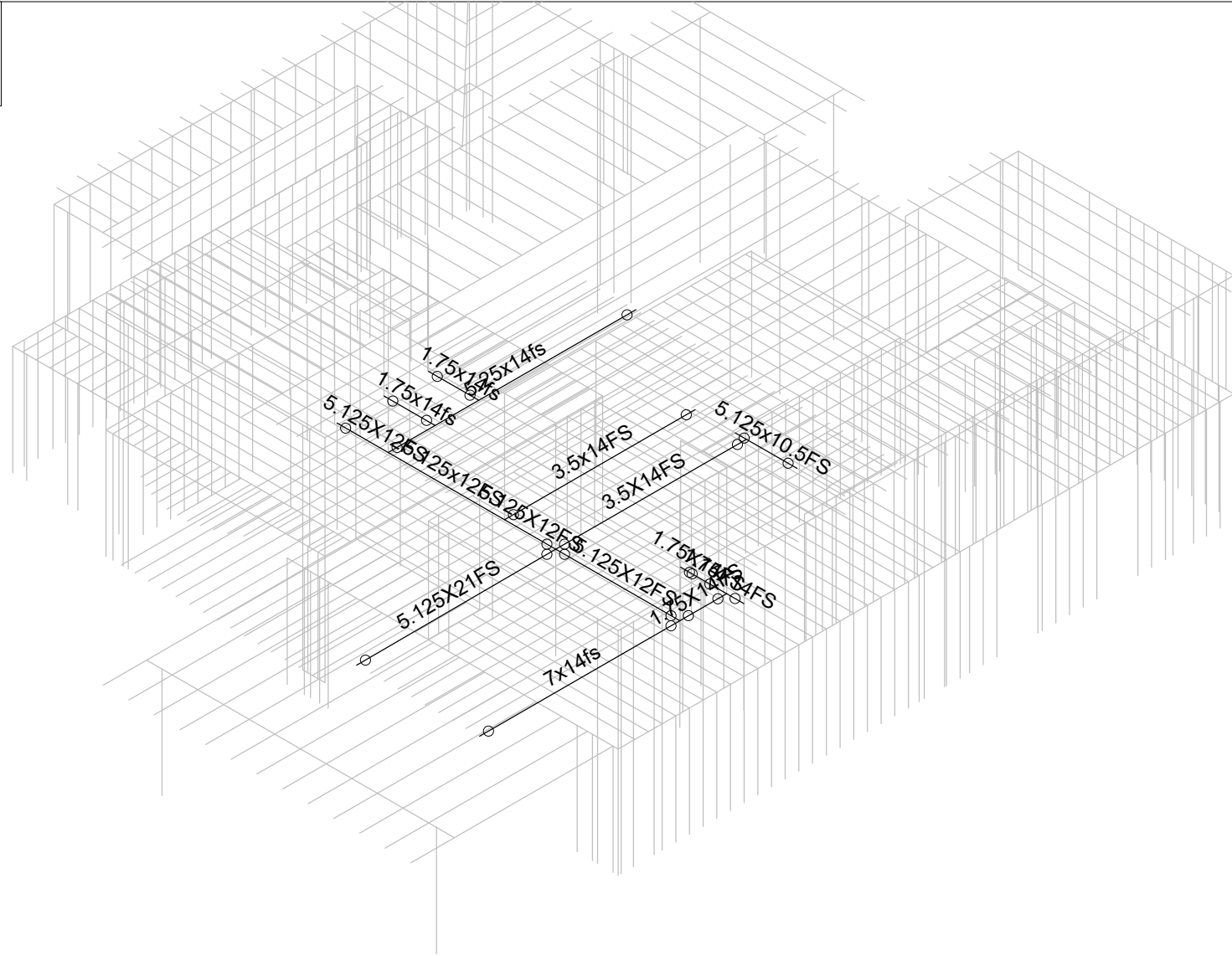
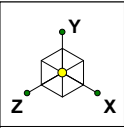
Column Stress Levels

2nd Floor Framing - 15

July 6, 2020 at 11:43 AM

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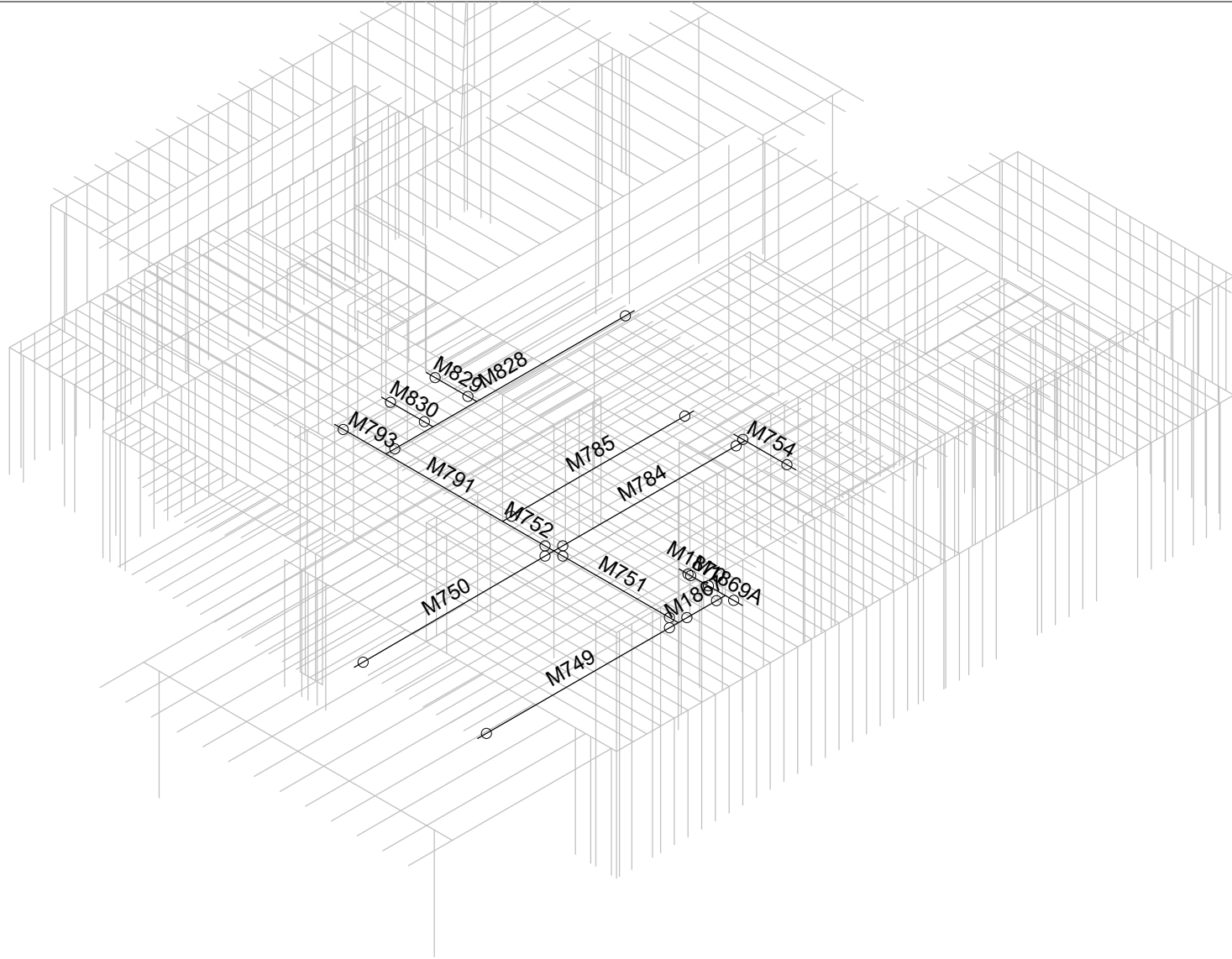
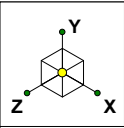






1st Floor Framing - 16
July 6, 2020 at 11:55 AM
louden risa model permit comments response 7...

Member Sizes

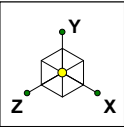



Member Labels

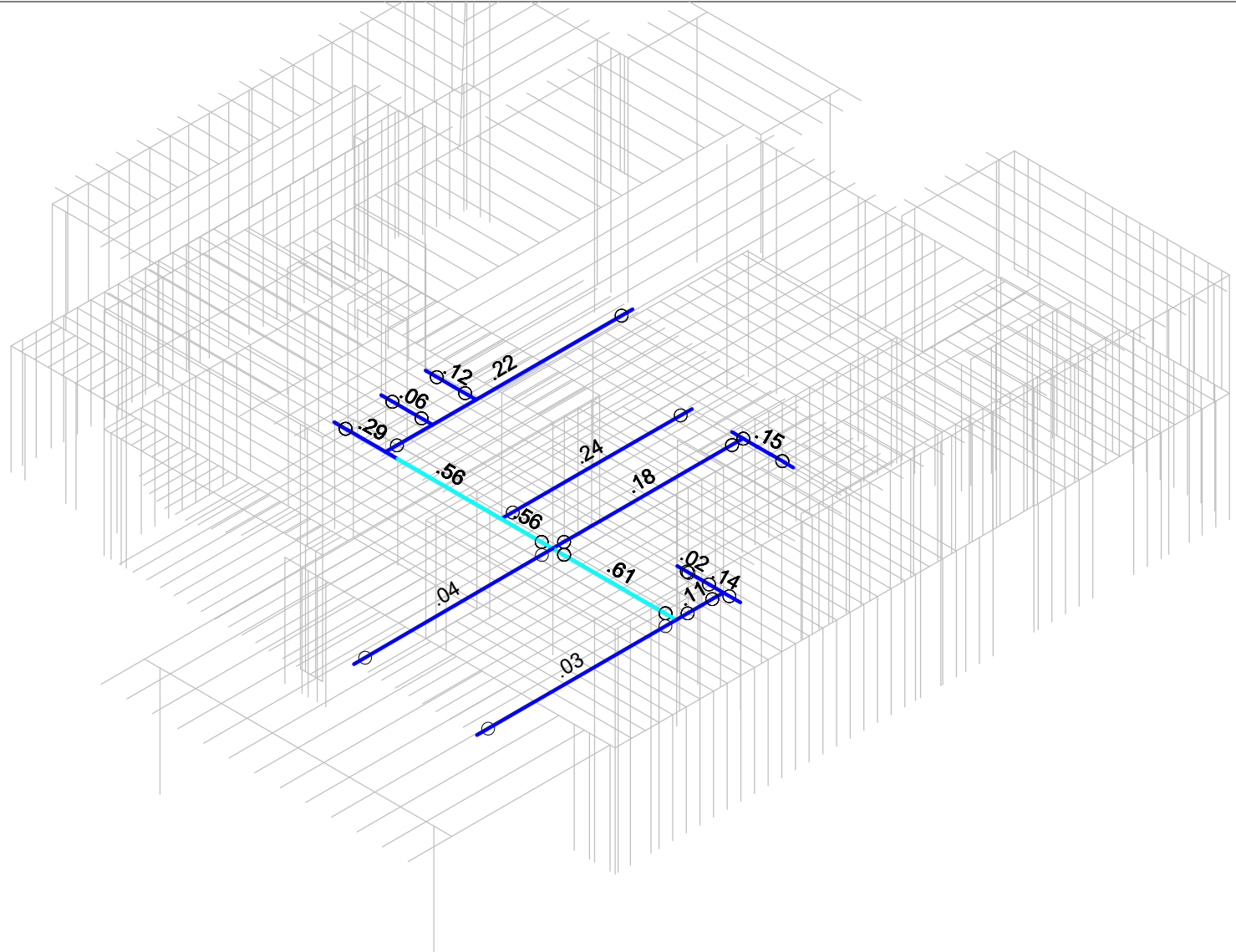
1st Floor Framing - 17

July 6, 2020 at 11:57 AM

louden risa model permit comments response 7...



Code Check (LC 4)	
Black	No Calc
Red	> 1.0
Pink	.90-1.0
Green	.75-.90
Cyan	.50-.75
Blue	0-.50



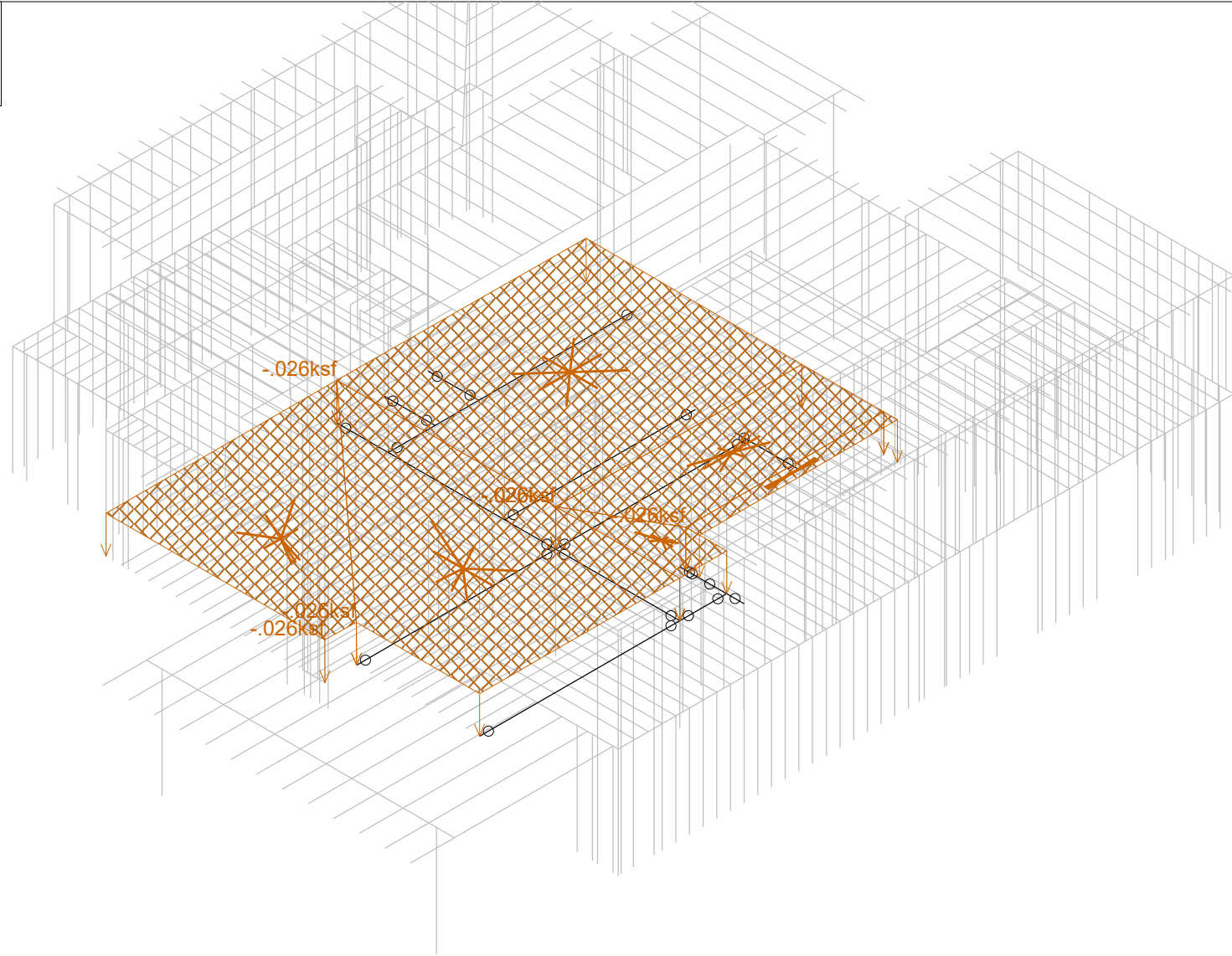
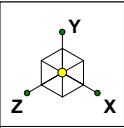
Member Code Checks Displayed  
Results for LC 4, d+.75sn+.75l


1st Floor Framing - 18

July 6, 2020 at 11:58 AM

louden risa model permit comments response 7...

Member Stresses



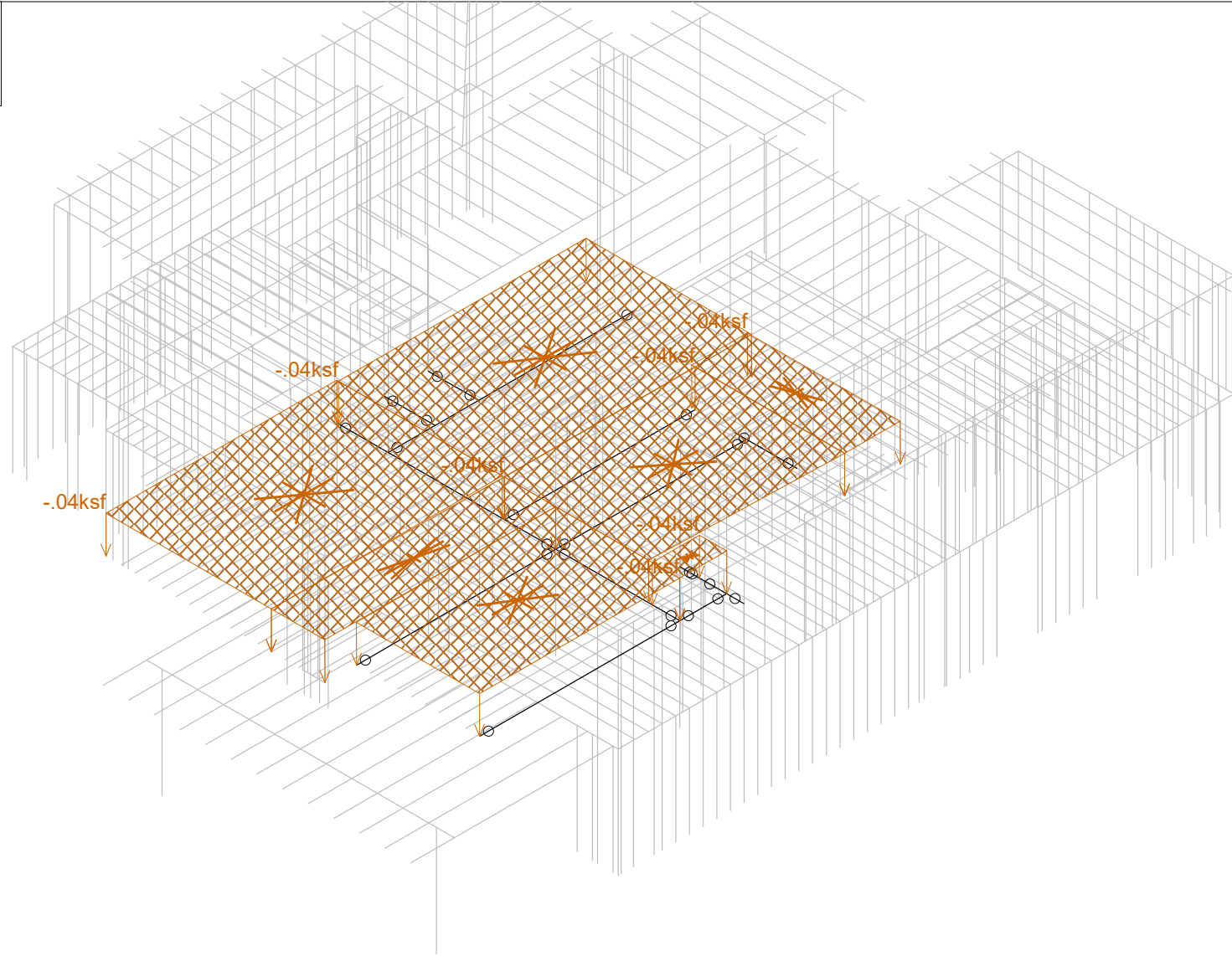
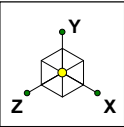
Loads: BLC 1, dead


Dead Load

1st Floor Framing - 19

July 6, 2020 at 11:59 AM

louden risa model permit comments response 7...



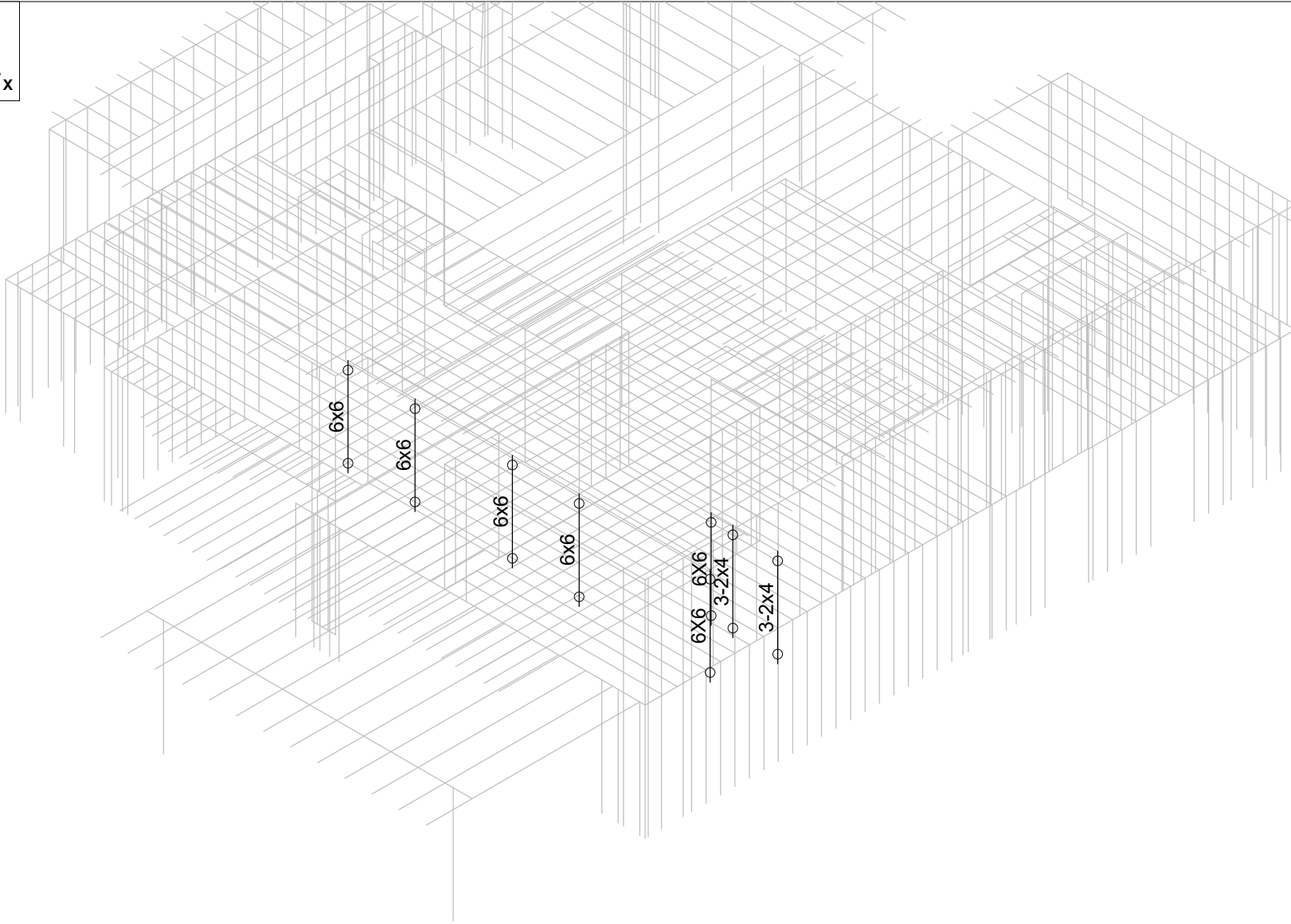
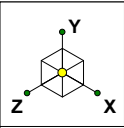
Loads: BLC 3, live


Live Load

1st Floor Framing - 20

July 6, 2020 at 12:00 PM

louden risa model permit comments response 7...



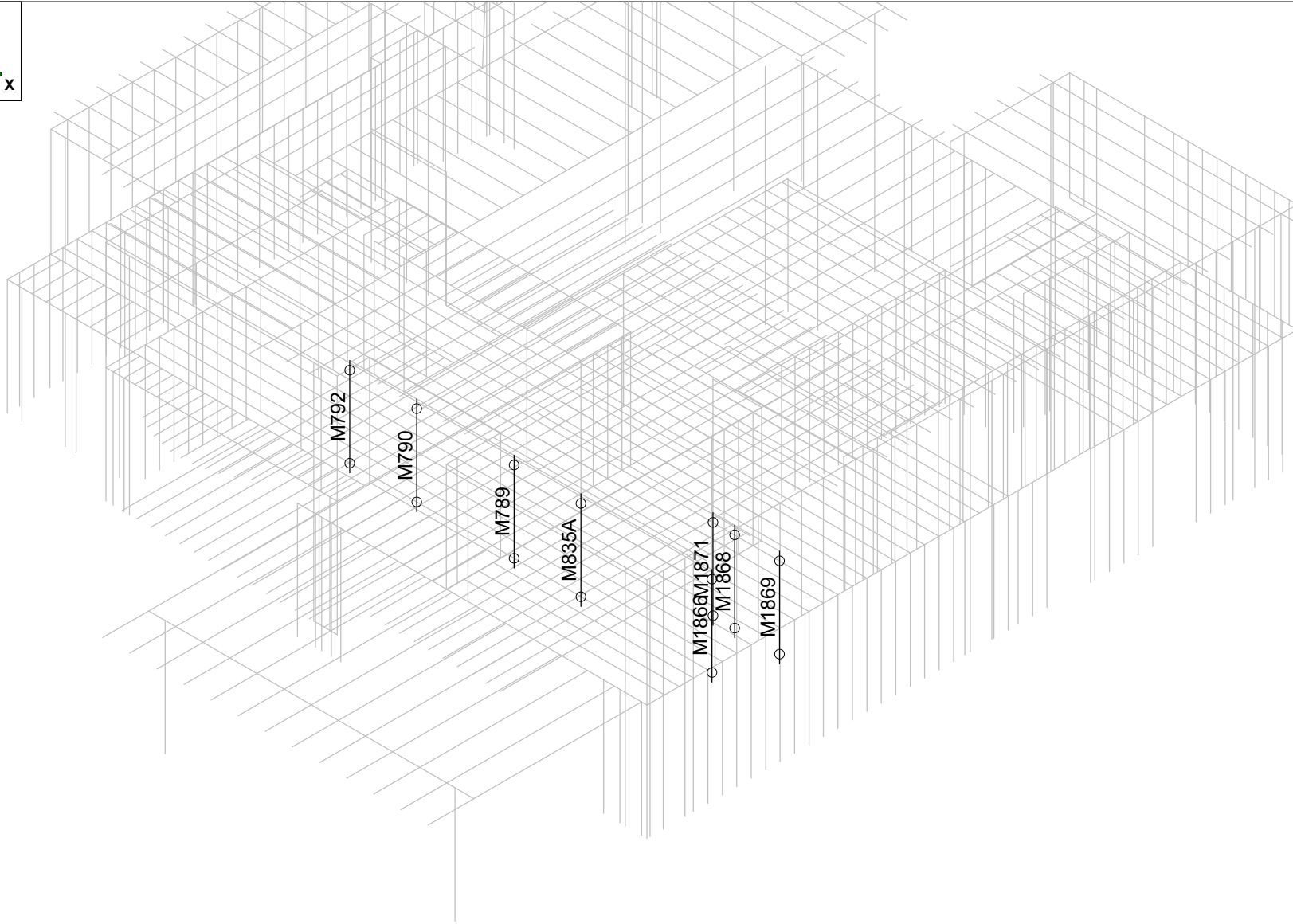
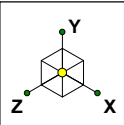
Loads: BLC 3, live


Column Sizes

1st Floor Framing - 21

July 6, 2020 at 12:13 PM

louden risa model permit comments response 7...



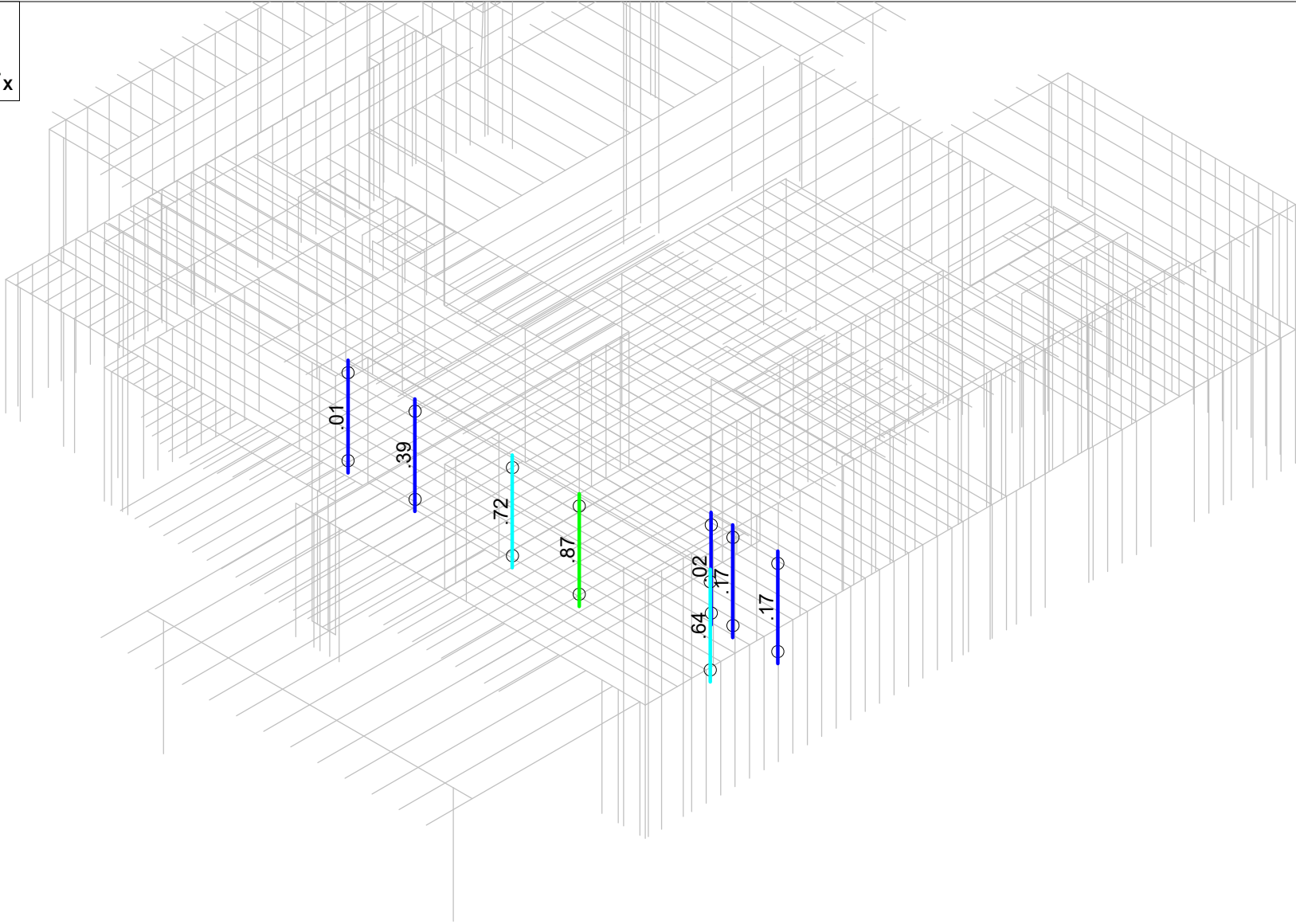
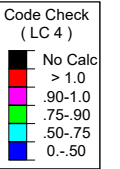
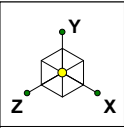
Loads: BLC 3, live

Column Labels

1st Floor Framing - 22

July 6, 2020 at 12:13 PM

louden risa model permit comments response 7...



Member Code Checks Displayed  
 Loads: BLC 3, live  
 Results for LC 4, d+.75sn+.75l



1st Floor Framing - 23
July 6, 2020 at 12:14 PM
louden risa model permit comments response 7...

Column Stresses



**Member Primary Data**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N533	N535			W12X50	Beam	Wide Flange	A992	Typical
2	M2	N303	N535			W12X50	Beam	Wide Flange	A36 Gr.36	Typical
3	M3	N9	N545			W12X50	Beam	Wide Flange	A36 Gr.36	Typical
4	M4	N165	N1			W14X26	Beam	Wide Flange	A36 Gr.36	Typical
5	M5	N4	N5			1.75x14fs	Beam	Duras trand 0.8...	lvI	Typical
6	M6	N862	N1009			C12X20.7	Beam	Wide Flange	A992	Typical
7	M7	N446	N6			3x14	Beam	Duras trand 0.8...	psI	Typical
8	M8	N446	N257			3x14	Beam	Duras trand 0.8...	psI	Typical
9	M9	N251	N789			1.75x14fs	Beam	Duras trand 0.8...	lvI	Typical
10	M10	N7	N6			3x14	Beam	Duras trand 0.8...	psI	Typical
11	M11	N7	N991			3x14	Beam	Duras trand 0.8...	psI	Typical
12	M12	N997	N965			1.75x14fs	Beam	Duras trand 0.8...	lvI	Typical
13	M13	N241	N8			6x14	Beam	Rectangular	DF	Typical
14	M14	N240	N1241			W18X46	Beam	Wide Flange	A36 Gr.36	Typical
15	M15	N10	N11			3x14	Beam	Duras trand 0.8...	psI	Typical
16	M16	N539	N541			1.75X14FS	Beam	Rectangular	psI	Typical
17	M17	N543	N12			1.75X14FS	Beam	Rectangular	psI	Typical
18	M18	N17	N97			3x14	Beam	Duras trand 0.8...	psI	Typical
19	M19	N537	N13			5.25X14FS	Beam	Duras trand 0.8...	psI	Typical
20	M20	N529	N531			6x14	Beam	Rectangular	DF	Typical
21	M21	N14	N15			3x14	Beam	Duras trand 0.8...	psI	Typical
22	M22	N880	N520			W12X50	Beam	Wide Flange	A992	Typical
23	M23	N17	N18			3x14	Beam	Duras trand 0.8...	psI	Typical
24	M24	N19	N20			W14X34	Beam	Wide Flange	A36 Gr.36	Typical
25	M25	N22	N21			3x14	Beam	Duras trand 0.8...	psI	Typical
26	M26	N22	N98			3x14	Beam	Duras trand 0.8...	psI	Typical
27	M27	N23	N376			3x14	Beam	Duras trand 0.8...	psI	Typical
28	M28	N23	N24			3x14	Beam	Duras trand 0.8...	psI	Typical
29	M29	N444	N24			3x14	Beam	Duras trand 0.8...	psI	Typical
30	M30	N448	N25			3x14	Beam	Duras trand 0.8...	psI	Typical
31	M31	N26	N25			3x14	Beam	Duras trand 0.8...	psI	Typical
32	M32	N26	N373			3x14	Beam	Duras trand 0.8...	psI	Typical
33	M33	N450	N27			3x14	Beam	Duras trand 0.8...	psI	Typical
34	M34	N28	N27			3x14	Beam	Duras trand 0.8...	psI	Typical
35	M35	N28	N371			3x14	Beam	Duras trand 0.8...	psI	Typical
36	M36	N452	N29			3x14	Beam	Duras trand 0.8...	psI	Typical
37	M37	N30	N29			3x14	Beam	Duras trand 0.8...	psI	Typical
38	M38	N30	N995			3x14	Beam	Duras trand 0.8...	psI	Typical
39	M39	N454	N31			3x14	Beam	Duras trand 0.8...	psI	Typical
40	M40	N32	N31			3x14	Beam	Duras trand 0.8...	psI	Typical
41	M41	N32	N368			3x14	Beam	Duras trand 0.8...	psI	Typical
42	M42	N456	N33			3x14	Beam	Duras trand 0.8...	psI	Typical
43	M43	N47	N33			3x14	Beam	Duras trand 0.8...	psI	Typical
44	M44	N47	N366			3x14	Beam	Duras trand 0.8...	psI	Typical
45	M45	N34	N35			3x14	Beam	Duras trand 0.8...	psI	Typical
46	M46	N37	N38			3x14	Beam	Duras trand 0.8...	psI	Typical
47	M47	N36	N364			3x14	Beam	Duras trand 0.8...	psI	Typical
48	M48	N39	N361			3x14	Beam	Duras trand 0.8...	psI	Typical
49	M49	N40	N41			3x14	Beam	Duras trand 0.8...	psI	Typical
50	M50	N42	N43			3x14	Beam	Duras trand 0.8...	psI	Typical
51	M51	N44	N45			3x14	Beam	Duras trand 0.8...	psI	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
52	M52	N46	N1005			3x14	Beam	Duras trand 0.8...	psl	Typical
53	M53	N50	N51			3x14	Beam	Duras trand 0.8...	psl	Typical
54	M54	N48	N49			3x14	Beam	Duras trand 0.8...	psl	Typical
55	M55	N52	N378			3x14	Beam	Duras trand 0.8...	psl	Typical
56	M56	N53	N987			3x14	Beam	Duras trand 0.8...	psl	Typical
57	M57	N56	N381			3x14	Beam	Duras trand 0.8...	psl	Typical
58	M58	N55	N383			3x14	Beam	Duras trand 0.8...	psl	Typical
59	M59	N57	N385			3x14	Beam	Duras trand 0.8...	psl	Typical
60	M60	N58	N387			3x14	Beam	Duras trand 0.8...	psl	Typical
61	M61	N59	N389			3x14	Beam	Duras trand 0.8...	psl	Typical
62	M62	N60	N391			3x14	Beam	Duras trand 0.8...	psl	Typical
63	M63	N421	N393			3x14	Beam	Duras trand 0.8...	psl	Typical
64	M64	N420	N395			3x14	Beam	Duras trand 0.8...	psl	Typical
65	M65	N419	N397			3x14	Beam	Duras trand 0.8...	psl	Typical
66	M66	N52	N61			3x14	Beam	Duras trand 0.8...	psl	Typical
67	M67	N53	N54			3x14	Beam	Duras trand 0.8...	psl	Typical
68	M68	N55	N432			3x14	Beam	Duras trand 0.8...	psl	Typical
69	M69	N56	N62			3x14	Beam	Duras trand 0.8...	psl	Typical
70	M70	N57	N431			3x14	Beam	Duras trand 0.8...	psl	Typical
71	M71	N58	N430			3x14	Beam	Duras trand 0.8...	psl	Typical
72	M72	N59	N429			3x14	Beam	Duras trand 0.8...	psl	Typical
73	M73	N60	N428			3x14	Beam	Duras trand 0.8...	psl	Typical
74	M74	N421	N426			3x14	Beam	Duras trand 0.8...	psl	Typical
75	M75	N420	N424			3x14	Beam	Duras trand 0.8...	psl	Typical
76	M76	N419	N422			3x14	Beam	Duras trand 0.8...	psl	Typical
77	M77	N442	N61			3x14	Beam	Duras trand 0.8...	psl	Typical
78	M78	N166	N62			3x14	Beam	Duras trand 0.8...	psl	Typical
79	M79	N63	N433			3x14	Beam	Duras trand 0.8...	psl	Typical
80	M80	N168	N431			3x14	Beam	Duras trand 0.8...	psl	Typical
81	M81	N438	N430			3x14	Beam	Duras trand 0.8...	psl	Typical
82	M82	N436	N429			3x14	Beam	Duras trand 0.8...	psl	Typical
83	M83	N64	N65			3x14	Beam	Duras trand 0.8...	psl	Typical
84	M84	N66	N67			3x14	Beam	Duras trand 0.8...	psl	Typical
85	M85	N68	N69			3x14	Beam	Duras trand 0.8...	psl	Typical
86	M86	N70	N71			3x14	Beam	Duras trand 0.8...	psl	Typical
87	M87	N72	N73			3x14	Beam	Duras trand 0.8...	psl	Typical
88	M88	N74	N75			3x14	Beam	Duras trand 0.8...	psl	Typical
89	M89	N76	N77			3x14	Beam	Duras trand 0.8...	psl	Typical
90	M90	N78	N79			3x14	Beam	Duras trand 0.8...	psl	Typical
91	M91	N80	N81			3x14	Beam	Duras trand 0.8...	psl	Typical
92	M92	N82	N83			3x14	Beam	Duras trand 0.8...	psl	Typical
93	M93	N84	N85			3x14	Beam	Duras trand 0.8...	psl	Typical
94	M94	N86	N87			3x14	Beam	Duras trand 0.8...	psl	Typical
95	M95	N88	N89			3x14	Beam	Duras trand 0.8...	psl	Typical
96	M96	N90	N458			3x14	Beam	Duras trand 0.8...	psl	Typical
97	M97	N91	N92			3x14	Beam	Duras trand 0.8...	psl	Typical
98	M98	N93	N94			3x14	Beam	Duras trand 0.8...	psl	Typical
99	M99	N249	N247			6x14	Beam	Rectangular	DF	Typical
100	M100	N94	N399			3x14	Beam	Duras trand 0.8...	psl	Typical
101	M101	N95	N96			3x14	Beam	Duras trand 0.8...	psl	Typical
102	M102	N97	N515			3x14	Beam	Duras trand 0.8...	psl	Typical
103	M103	N98	N517			3x14	Beam	Duras trand 0.8...	psl	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
104	M104	N100	N99			3x14	Beam	Duras trand 0.8...	psl	Typical
105	M105	N100	N101			3x14	Beam	Duras trand 0.8...	psl	Typical
106	M106	N103	N102			3x14	Beam	Duras trand 0.8...	psl	Typical
107	M107	N103	N104			3x14	Beam	Duras trand 0.8...	psl	Typical
108	M108	N106	N105			3x14	Beam	Duras trand 0.8...	psl	Typical
109	M109	N106	N107			3x14	Beam	Duras trand 0.8...	psl	Typical
110	M110	N109	N108			3x14	Beam	Duras trand 0.8...	psl	Typical
111	M111	N109	N110			3x14	Beam	Duras trand 0.8...	psl	Typical
112	M112	N112	N111			3x14	Beam	Duras trand 0.8...	psl	Typical
113	M113	N112	N113			3x14	Beam	Duras trand 0.8...	psl	Typical
114	M114	N115	N114			3x14	Beam	Duras trand 0.8...	psl	Typical
115	M115	N115	N116			3x14	Beam	Duras trand 0.8...	psl	Typical
116	M116	N118	N117			3x14	Beam	Duras trand 0.8...	psl	Typical
117	M117	N118	N119			3x14	Beam	Duras trand 0.8...	psl	Typical
118	M118	N120	N128			3x14	Beam	Duras trand 0.8...	psl	Typical
119	M119	N120	N121			3x14	Beam	Duras trand 0.8...	psl	Typical
120	M120	N122	N129			3x14	Beam	Duras trand 0.8...	psl	Typical
121	M121	N122	N123			3x14	Beam	Duras trand 0.8...	psl	Typical
122	M122	N124	N130			3x14	Beam	Duras trand 0.8...	psl	Typical
123	M123	N124	N125			3x14	Beam	Duras trand 0.8...	psl	Typical
124	M124	N126	N131			3x14	Beam	Duras trand 0.8...	psl	Typical
125	M125	N126	N127			3x14	Beam	Duras trand 0.8...	psl	Typical
126	M126	N128	N401			3x14	Beam	Duras trand 0.8...	psl	Typical
127	M127	N129	N403			3x14	Beam	Duras trand 0.8...	psl	Typical
128	M128	N130	N955			3x14	Beam	Duras trand 0.8...	psl	Typical
129	M129	N131	N132			3x14	Beam	Duras trand 0.8...	psl	Typical
130	M130	N135	N133			3x14	Beam	Duras trand 0.8...	psl	Typical
131	M131	N134	N953			3x14	Beam	Duras trand 0.8...	psl	Typical
132	M132	N324	N334			6x14	Beam	Rectangular	DF	Typical
133	M133	N322	N816			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
134	M134	N134	N146			3x14	Beam	Duras trand 0.8...	psl	Typical
135	M135	N135	N415			3x14	Beam	Duras trand 0.8...	psl	Typical
136	M136	N136	N405			3x14	Beam	Duras trand 0.8...	psl	Typical
137	M137	N136	N149			3x14	Beam	Duras trand 0.8...	psl	Typical
138	M138	N137	N407			3x14	Beam	Duras trand 0.8...	psl	Typical
139	M139	N137	N151			3x14	Beam	Duras trand 0.8...	psl	Typical
140	M140	N139	N138			3x14	Beam	Duras trand 0.8...	psl	Typical
141	M141	N139	N152			3x14	Beam	Duras trand 0.8...	psl	Typical
142	M142	N141	N140			3x14	Beam	Duras trand 0.8...	psl	Typical
143	M143	N141	N153			3x14	Beam	Duras trand 0.8...	psl	Typical
144	M144	N142	N409			3x14	Beam	Duras trand 0.8...	psl	Typical
145	M145	N142	N154			3x14	Beam	Duras trand 0.8...	psl	Typical
146	M146	N143	N411			3x14	Beam	Duras trand 0.8...	psl	Typical
147	M147	N143	N413			3x14	Beam	Duras trand 0.8...	psl	Typical
148	M148	N810	N808			6x14	Beam	Rectangular	DF	Typical
149	M149	N818	N322			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
150	M150	N884	N144			6x14	Beam	Rectangular	DF	Typical
151	M151	N336	N338			6x14	Beam	Rectangular	DF	Typical
152	M152	N145	N146			3x14	Beam	Duras trand 0.8...	psl	Typical
153	M153	N147	N415			3x14	Beam	Duras trand 0.8...	psl	Typical
154	M154	N148	N149			3x14	Beam	Duras trand 0.8...	psl	Typical
155	M155	N150	N151			3x14	Beam	Duras trand 0.8...	psl	Typical



Company :  
 Designer :  
 Job Number :  
 Model Name :

July 6, 2020  
 12:25 PM  
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**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
156	M156	N157	N152			3x14	Beam	Duras trand 0.8...	psl	Typical
157	M157	N159	N153			3x14	Beam	Duras trand 0.8...	psl	Typical
158	M158	N161	N154			3x14	Beam	Duras trand 0.8...	psl	Typical
159	M159	N163	N413			3x14	Beam	Duras trand 0.8...	psl	Typical
160	M160	N155	N156			3x14	Beam	Duras trand 0.8...	psl	Typical
161	M161	N157	N158			3x14	Beam	Duras trand 0.8...	psl	Typical
162	M162	N159	N160			3x14	Beam	Duras trand 0.8...	psl	Typical
163	M163	N161	N162			3x14	Beam	Duras trand 0.8...	psl	Typical
164	M164	N163	N417			3x14	Beam	Duras trand 0.8...	psl	Typical
165	M165	N164	N274			6x14	Beam	Rectangular	DF	Typical
166	M166	N165	N280			6x14	Beam	Rectangular	DF	Typical
167	M167	N448	N255			3x14	Beam	Duras trand 0.8...	psl	Typical
168	M168	N450	N253			3x14	Beam	Duras trand 0.8...	psl	Typical
169	M169	N444	N259			3x14	Beam	Duras trand 0.8...	psl	Typical
170	M170	N442	N261			3x14	Beam	Duras trand 0.8...	psl	Typical
171	M171	N166	N265			3x14	Beam	Duras trand 0.8...	psl	Typical
172	M172	N167	N267			3x14	Beam	Duras trand 0.8...	psl	Typical
173	M173	N168	N269			3x14	Beam	Duras trand 0.8...	psl	Typical
174	M174	N438	N271			3x14	Beam	Duras trand 0.8...	psl	Typical
175	M175	N436	N349			3x14	Beam	Duras trand 0.8...	psl	Typical
176	M176	N440	N263			3x14	Beam	Duras trand 0.8...	psl	Typical
177	M177	N434	N169			3x14	Beam	Duras trand 0.8...	psl	Typical
178	M178	N170	N171			3x14	Beam	Duras trand 0.8...	psl	Typical
179	M179	N172	N173			3x14	Beam	Duras trand 0.8...	psl	Typical
180	M180	N174	N175			3x14	Beam	Duras trand 0.8...	psl	Typical
181	M181	N456	N176			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
182	M182	N862	N299			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
183	M183	N176	N527			6x14	Beam	Rectangular	DF	Typical
184	M184	N177	N178			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
185	M185	N179	N180			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
186	M186	N183	N184			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
187	M187	N181	N182			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
188	M188	N185	N186			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
189	M189	N187	N188			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
190	M190	N189	N190			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
191	M191	N192	N193			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
192	M192	N355	N191			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
193	M193	N357	N194			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
194	M194	N1009	N303			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
195	M195	N303	N305			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
196	M196	N1243	N1241			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
197	M197	N195	N196			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
198	M198	N197	N198			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
199	M199	N207	N208			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
200	M200	N199	N200			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
201	M201	N201	N202			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
202	M202	N203	N204			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
203	M203	N205	N206			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
204	M204	N209	N210			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
205	M205	N353	N211			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
206	M206	N351	N212			1.75x 14fs	Beam	Duras trand 0.8...	lvl	Typical
207	M207	N213	N214			2X12	Beam	Rectangular	DF	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
208	M208	N215	N216			2X12	Beam	Rectangular	DF	Typical
209	M209	N217	N218			2X12	Beam	Rectangular	DF	Typical
210	M210	N219	N220			2X12	Beam	Rectangular	DF	Typical
211	M211	N221	N222			2X12	Beam	Rectangular	DF	Typical
212	M212	N223	N224			2X12	Beam	Rectangular	DF	Typical
213	M213	N225	N226			2X12	Beam	Rectangular	DF	Typical
214	M214	N227	N228			2X12	Beam	Rectangular	DF	Typical
215	M230	N549	N547			MC 6X6.5	Beam	Wide Flange	A36 Gr.36	Typical
216	M231	N293	N297			3.5X14FS	Column	APA PR L-501	psl	Typical
217	M232	N295	N291			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
218	M233	N297	N295			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
219	M234	N293	N820			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
220	M235	N820	N799			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
221	M236	N834	N291			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
222	M237	N793	N834			6x14	Beam	Rectangular	DF	Typical
223	M238	N791	N793			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
224	M239	N791	N789			6x14	Beam	Rectangular	DF	Typical
225	M241	N537	N535			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
226	M242	N917	N242			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
227	M243	N242	N880			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
228	M244	N917	N919			6x14	Beam	Rectangular	DF	Typical
229	M245	N919	N338			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
230	M246	N810	N882			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
231	M247	N543	N344			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
232	M248	N324	N322			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
233	M249	N243	N319			6x14	Beam	Rectangular	DF	Typical
234	M250	N243	N244			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
235	M251	N245	N244			6x14	Beam	Rectangular	DF	Typical
236	M252	N246	N245			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
237	M253	N248	N246			6x14	Beam	Rectangular	DF	Typical
238	M254	N247	N248			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
239	M255	N249	N250			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
240	M256	N251	N252			2-2x6	Beam	Rectangular	DF	Typical
241	M257	N253	N254			2x6	Beam	Rectangular	DF	Typical
242	M258	N255	N256			2x6	Beam	Rectangular	DF	Typical
243	M259	N257	N258			2x6	Beam	Rectangular	DF	Typical
244	M260	N259	N260			2x6	Beam	Rectangular	DF	Typical
245	M261	N261	N262			2x6	Beam	Rectangular	DF	Typical
246	M262	N263	N264			2x6	Beam	Rectangular	DF	Typical
247	M263	N265	N266			2x6	Beam	Rectangular	DF	Typical
248	M264	N267	N268			2x6	Beam	Rectangular	DF	Typical
249	M265	N269	N270			2x6	Beam	Rectangular	DF	Typical
250	M266	N271	N272			2x6	Beam	Rectangular	DF	Typical
251	M267	N789	N273			2-2x6	Beam	Rectangular	DF	Typical
252	M268	N274	N275			6x6	Beam	Rectangular	DF	Typical
253	M269	N276	N277			2x6	Beam	Rectangular	DF	Typical
254	M270	N278	N279			2x6	Beam	Rectangular	DF	Typical
255	M271	N280	N281			2-2x6	Beam	Rectangular	DF	Typical
256	M272	N282	N283			2-2x6	Beam	Rectangular	DF	Typical
257	M273	N284	N285			2-2x6	Beam	Rectangular	DF	Typical
258	M274	N286	N287			2-2x6	Beam	Rectangular	DF	Typical
259	M275	N791	N288			2-2x6	Beam	Rectangular	DF	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
260	M276	N793	N289			2-2x6	Beam	Rectangular	DF	Typical
261	M277	N834	N290			2-2x6	Beam	Rectangular	DF	Typical
262	M278	N291	N292			2-2x6	Beam	Rectangular	DF	Typical
263	M280	N295	N296			2-2x6	Beam	Rectangular	DF	Typical
264	M281	N297	N298			2-2x6	Beam	Rectangular	DF	Typical
265	M282	N299	N300			2-2x6	Beam	Rectangular	DF	Typical
266	M283	N862	N301			6x6	Beam	Rectangular	DF	Typical
267	M284	N1009	N302			6x6	Beam	Rectangular	DF	Typical
268	M285	N303	N304			6x6	Column	Rectangular	DF	Typical
269	M286	N305	N306			2-2x6	Beam	Rectangular	DF	Typical
270	M288	N999	N307			2-2x6	Beam	Rectangular	DF	Typical
271	M289	N997	N308			2-2x6	Beam	Rectangular	DF	Typical
272	M290	N965	N309			2-2x6	Beam	Rectangular	DF	Typical
273	M291	N963	N310			2-2x6	Beam	Rectangular	DF	Typical
274	M292	N973	N311			2-2x6	Beam	Rectangular	DF	Typical
275	M293	N975	N312			2-2x6	Beam	Rectangular	DF	Typical
276	M294	N955	N313			2-2x6	Beam	Rectangular	DF	Typical
277	M295	N953	N314			2-2x6	Beam	Rectangular	DF	Typical
278	M296	N949	N315			2-2x6	Beam	Rectangular	DF	Typical
279	M297	N947	N316			2-2x6	Beam	Rectangular	DF	Typical
280	M298	N816	N317			2-2x6	Beam	Rectangular	DF	Typical
281	M299	N814	N318			2-2x6	Beam	Rectangular	DF	Typical
282	M300	N319	N320			2-2x6	Beam	Rectangular	DF	Typical
283	M301	N812	N321			2-2x6	Beam	Rectangular	DF	Typical
284	M302	N322	N323			2-2x6	Beam	Rectangular	DF	Typical
285	M303	N324	N325			2-2x6	Beam	Rectangular	DF	Typical
286	M304	N326	N327			2-2x6	Beam	Rectangular	DF	Typical
287	M305	N328	N329			2-2x6	Beam	Rectangular	DF	Typical
288	M306	N330	N331			2-2x6	Beam	Rectangular	DF	Typical
289	M307	N332	N333			2-2x6	Beam	Rectangular	DF	Typical
290	M308	N334	N335			2-2x6	Beam	Rectangular	DF	Typical
291	M309	N336	N337			2-2x6	Beam	Rectangular	DF	Typical
292	M310	N338	N339			2-2x6	Beam	Rectangular	DF	Typical
293	M311	N810	N340			2-2x6	Beam	Rectangular	DF	Typical
294	M312	N808	N341			2-2x6	Beam	Rectangular	DF	Typical
295	M313	N919	N342			6X6	Column	Rectangular	DF	Typical
296	M314	N917	N343			6X6	Column	Rectangular	DF	Typical
297	M315	N344	N345			6X6	Column	Rectangular	DF	Typical
298	M316	N799	N346			2-2x6	Beam	Rectangular	DF	Typical
299	M317	N801	N347			2-2x6	Beam	Rectangular	DF	Typical
300	M318	N820	N348			2-2x6	Beam	Rectangular	DF	Typical
301	M319	N349	N350			2x6	Beam	Rectangular	DF	Typical
302	M320	N351	N352			2x6	Beam	Rectangular	DF	Typical
303	M321	N353	N354			2x6	Beam	Rectangular	DF	Typical
304	M322	N355	N356			2x6	Beam	Rectangular	DF	Typical
305	M323	N357	N358			2x6	Beam	Rectangular	DF	Typical
306	M324	N359	N360			2x6	Beam	Rectangular	DF	Typical
307	M325	N361	N362			2x6	Beam	Rectangular	DF	Typical
308	M328	N1005	N365			2x6	Beam	Rectangular	DF	Typical
309	M329	N366	N367			2x6	Beam	Rectangular	DF	Typical
310	M330	N368	N369			2x6	Beam	Rectangular	DF	Typical
311	M331	N995	N370			2x6	Beam	Rectangular	DF	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
312	M332	N371	N372			2x6	Beam	Rectangular	DF	Typical
313	M333	N373	N374			2x6	Beam	Rectangular	DF	Typical
314	M334	N991	N375			2x6	Beam	Rectangular	DF	Typical
315	M335	N376	N377			2x6	Beam	Rectangular	DF	Typical
316	M336	N378	N379			2x6	Beam	Rectangular	DF	Typical
317	M337	N987	N380			2x6	Beam	Rectangular	DF	Typical
318	M338	N381	N382			2x6	Beam	Rectangular	DF	Typical
319	M339	N383	N384			2x6	Beam	Rectangular	DF	Typical
320	M340	N385	N386			2x6	Beam	Rectangular	DF	Typical
321	M341	N387	N388			2x6	Beam	Rectangular	DF	Typical
322	M342	N389	N390			2x6	Beam	Rectangular	DF	Typical
323	M343	N391	N392			2x6	Beam	Rectangular	DF	Typical
324	M344	N393	N394			2x6	Beam	Rectangular	DF	Typical
325	M345	N395	N396			2x6	Beam	Rectangular	DF	Typical
326	M346	N397	N398			2x6	Beam	Rectangular	DF	Typical
327	M347	N399	N400			2x6	Beam	Rectangular	DF	Typical
328	M348	N401	N402			2x6	Beam	Rectangular	DF	Typical
329	M349	N403	N404			2x6	Beam	Rectangular	DF	Typical
330	M350	N405	N406			2x6	Beam	Rectangular	DF	Typical
331	M351	N407	N408			2x6	Beam	Rectangular	DF	Typical
332	M352	N409	N410			2x6	Beam	Rectangular	DF	Typical
333	M353	N411	N412			2x6	Beam	Rectangular	DF	Typical
334	M354	N413	N414			2x6	Beam	Rectangular	DF	Typical
335	M355	N415	N416			2x6	Beam	Rectangular	DF	Typical
336	M356	N417	N418			2x6	Beam	Rectangular	DF	Typical
337	M357	N422	N423			2x6	Beam	Rectangular	DF	Typical
338	M358	N424	N425			2x6	Beam	Rectangular	DF	Typical
339	M359	N426	N427			2x6	Beam	Rectangular	DF	Typical
340	M360	N434	N435			2x6	Beam	Rectangular	DF	Typical
341	M361	N436	N437			2x6	Beam	Rectangular	DF	Typical
342	M362	N438	N439			2x6	Beam	Rectangular	DF	Typical
343	M363	N440	N441			2x6	Beam	Rectangular	DF	Typical
344	M364	N442	N443			2x6	Beam	Rectangular	DF	Typical
345	M365	N444	N445			2x6	Beam	Rectangular	DF	Typical
346	M366	N446	N447			2x6	Beam	Rectangular	DF	Typical
347	M367	N448	N449			2x6	Beam	Rectangular	DF	Typical
348	M368	N450	N451			2x6	Beam	Rectangular	DF	Typical
349	M369	N452	N453			2x6	Beam	Rectangular	DF	Typical
350	M370	N454	N455			2x6	Beam	Rectangular	DF	Typical
351	M371	N456	N457			2x6	Beam	Rectangular	DF	Typical
352	M372	N458	N459			2x6	Beam	Rectangular	DF	Typical
353	M373	N460	N461			2x6	Beam	Rectangular	DF	Typical
354	M374	N462	N463			2x6	Beam	Rectangular	DF	Typical
355	M375	N464	N465			2x6	Beam	Rectangular	DF	Typical
356	M376	N466	N467			2x6	Beam	Rectangular	DF	Typical
357	M377	N468	N469			2x6	Beam	Rectangular	DF	Typical
358	M378	N470	N471			2x6	Beam	Rectangular	DF	Typical
359	M379	N472	N473			2x6	Beam	Rectangular	DF	Typical
360	M380	N474	N475			2x6	Beam	Rectangular	DF	Typical
361	M381	N476	N477			2x6	Beam	Rectangular	DF	Typical
362	M382	N478	N479			2x6	Beam	Rectangular	DF	Typical
363	M383	N480	N481			2x6	Beam	Rectangular	DF	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
364	M384	N482	N483			2x6	Beam	Rectangular	DF	Typical
365	M385	N484	N485			2x6	Beam	Rectangular	DF	Typical
366	M386	N486	N487			2x6	Beam	Rectangular	DF	Typical
367	M387	N488	N489			2x6	Beam	Rectangular	DF	Typical
368	M388	N901	N490			2x6	Beam	Rectangular	DF	Typical
369	M389	N491	N492			2x6	Beam	Rectangular	DF	Typical
370	M390	N493	N494			2x6	Beam	Rectangular	DF	Typical
371	M391	N495	N496			2x6	Beam	Rectangular	DF	Typical
372	M392	N497	N498			2x6	Beam	Rectangular	DF	Typical
373	M393	N499	N500			2x6	Beam	Rectangular	DF	Typical
374	M394	N501	N502			2x6	Beam	Rectangular	DF	Typical
375	M395	N503	N504			2x6	Beam	Rectangular	DF	Typical
376	M396	N505	N506			2x6	Beam	Rectangular	DF	Typical
377	M397	N507	N508			2x6	Beam	Rectangular	DF	Typical
378	M398	N509	N510			2x6	Beam	Rectangular	DF	Typical
379	M399	N511	N512			2x6	Beam	Rectangular	DF	Typical
380	M400	N513	N514			2x6	Beam	Rectangular	DF	Typical
381	M401	N515	N516			2x6	Beam	Rectangular	DF	Typical
382	M402	N517	N518			2x6	Beam	Rectangular	DF	Typical
383	M403	N1001	N519			2x6	Beam	Rectangular	DF	Typical
384	M404	N520	N521			W8X31	Beam	Wide Flange	A36 Gr.36	Typical
385	M405	N522	N523			W8X31	Beam	Wide Flange	A36 Gr.36	Typical
386	M406	N870	N524			6x6	Beam	Rectangular	DF	Typical
387	M407	N525	N526			6x6	Beam	Rectangular	DF	Typical
388	M408	N527	N528			6x6	Beam	Rectangular	DF	Typical
389	M409	N529	N530			6x6	Beam	Rectangular	DF	Typical
390	M410	N531	N532			6x6	Beam	Rectangular	DF	Typical
391	M411	N533	N534			6x6	Beam	Rectangular	DF	Typical
392	M412	N535	N536			6x6	Beam	Rectangular	DF	Typical
393	M413	N537	N538			6x6	Beam	Rectangular	DF	Typical
394	M414	N539	N540			6x6	Beam	Rectangular	DF	Typical
395	M415	N541	N542			6x6	Beam	Rectangular	DF	Typical
396	M416	N543	N544			6x6	Beam	Rectangular	DF	Typical
397	M417	N891	N546			6x6	Beam	Rectangular	DF	Typical
398	M418	N547	N548			6x6	Beam	Rectangular	DF	Typical
399	M419	N911	N550			6x6	Beam	Rectangular	DF	Typical
400	M420	N874	N551			6x6	Beam	Rectangular	DF	Typical
401	M421	N876	N552			6x6	Beam	Rectangular	DF	Typical
402	M422	N553	N554			6x6	Beam	Rectangular	DF	Typical
403	M423	N880	N555			6x6	Beam	Rectangular	DF	Typical
404	M424	N913	N556			6x6	Beam	Rectangular	DF	Typical
405	M425	N882	N557			6x6	Beam	Rectangular	DF	Typical
406	M426	N884	N558			6x6	Beam	Rectangular	DF	Typical
407	M427	N947	N816			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
408	M428	N947	N949			6x14	Beam	Rectangular	DF	Typical
409	M429	N953	N949			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
410	M430	N953	N955			6x14	Beam	Rectangular	DF	Typical
411	M431	N975	N955			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
412	M432	N559	N973			6x14	Beam	Rectangular	DF	Typical
413	M433	N963	N973			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
414	M434	N963	N965			6x14	Beam	Rectangular	DF	Typical
415	M435	N997	N999			6x14	Beam	Rectangular	DF	Typical



**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
416	M436	N999	N1003			1.75x14fs	Beam	Duras trand 0.8...	lvI	Typical
417	M437	N240	N1003			1.75x14fs	Beam	Duras trand 0.8...	lvI	Typical
418	M438	N561	N562			4x16	Beam	Duras trand 0.8...	psI	Typical
419	M440	N886	N564			W24X62	Beam	Wide Flange	A36 Gr.36	Typical
420	M441	N861	N1008			6x14	Beam	Rectangular	DF	Typical
421	M442	N786	N819			1.75x14fs	Beam	Duras trand 0.8...	lvI	Typical
422	M443	N565	N566			4x16	Beam	Duras trand 0.8...	psI	Typical
423	M444	N998	N996			6x14	Beam	Rectangular	DF	Typical
424	M445	N885	N567			6x14	Beam	Rectangular	DF	Typical
425	M446	N890	N888			6x14	Beam	Rectangular	DF	Typical
426	M447	N871	N855			W24X62	Beam	Wide Flange	A36 Gr.36	Typical
427	M448	N875	N638			6x14	Beam	Rectangular	DF	Typical
428	M449	N869	N638			6X14	Beam	Duras trand 0.8...	psI	Typical
429	M450	N568	N638			6x14	Beam	Rectangular	DF	Typical
430	M451	N592	N569			4x16	Beam	Duras trand 0.8...	psI	Typical
431	M452	N570	N571			4x16	Beam	Duras trand 0.8...	psI	Typical
432	M453	N572	N573			4x16	Beam	Duras trand 0.8...	psI	Typical
433	M454	N574	N575			4x16	Beam	Duras trand 0.8...	psI	Typical
434	M455	N576	N577			4x16	Beam	Duras trand 0.8...	psI	Typical
435	M456	N578	N579			4x16	Beam	Duras trand 0.8...	psI	Typical
436	M457	N580	N581			4x16	Beam	Duras trand 0.8...	psI	Typical
437	M458	N592	N593			4x16	Beam	Duras trand 0.8...	psI	Typical
438	M459	N582	N583			4x16	Beam	Duras trand 0.8...	psI	Typical
439	M460	N584	N585			4x16	Beam	Duras trand 0.8...	psI	Typical
440	M461	N586	N587			4x16	Beam	Duras trand 0.8...	psI	Typical
441	M462	N588	N589			4x16	Beam	Duras trand 0.8...	psI	Typical
442	M463	N590	N591			4x16	Beam	Duras trand 0.8...	psI	Typical
443	M464	N594	N595			4x16	Beam	Duras trand 0.8...	psI	Typical
444	M465	N596	N597			W24X62	Beam	Wide Flange	A36 Gr.36	Typical
445	M466	N877	N873			6x14	Beam	Rectangular	DF	Typical
446	M467	N598	N873			6x14	Beam	Rectangular	DF	Typical
447	M468	N599	N877			6x14	Beam	Rectangular	DF	Typical
448	M469	N600	N601			4x16	Beam	Duras trand 0.8...	psI	Typical
449	M470	N602	N603			4x16	Beam	Duras trand 0.8...	psI	Typical
450	M471	N604	N605			4x16	Beam	Duras trand 0.8...	psI	Typical
451	M472	N804	N802			6x14	Beam	Rectangular	DF	Typical
452	M473	N606	N607			4x16	Beam	Duras trand 0.8...	psI	Typical
453	M474	N608	N609			4x16	Beam	Duras trand 0.8...	psI	Typical
454	M475	N610	N611			4x16	Beam	Duras trand 0.8...	psI	Typical
455	M476	N612	N613			4x16	Beam	Duras trand 0.8...	psI	Typical
456	M477	N614	N615			4x16	Beam	Duras trand 0.8...	psI	Typical
457	M478	N616	N617			4x16	Beam	Duras trand 0.8...	psI	Typical
458	M479	N618	N619			4x16	Beam	Duras trand 0.8...	psI	Typical
459	M480	N620	N621			4x16	Beam	Duras trand 0.8...	psI	Typical
460	M481	N622	N623			4x16	Beam	Duras trand 0.8...	psI	Typical
461	M482	N624	N625			4x16	Beam	Duras trand 0.8...	psI	Typical
462	M483	N626	N1076			4x16	Beam	Duras trand 0.8...	psI	Typical
463	M484	N867	N627			W24X62	Beam	Wide Flange	A36 Gr.36	Typical
464	M485	N628	N629			W24X62	Beam	Wide Flange	A36 Gr.36	Typical
465	M486	N630	N643			4x16	Beam	Duras trand 0.8...	psI	Typical
466	M487	N631	N663			4x16	Beam	Duras trand 0.8...	psI	Typical
467	M488	N632	N665			4x16	Beam	Duras trand 0.8...	psI	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
468	M489	N633	N634			4x16	Beam	Duras trand 0.8...	psl	Typical
469	M490	N635	N636			4x16	Beam	Duras trand 0.8...	psl	Typical
470	M491	N869	N637			W24X62	Beam	Wide Flange	A36 Gr.36	Typical
471	M492	N638	N639			W24X62	Beam	Wide Flange	A36 Gr.36	Typical
472	M493	N640	N641			4x16	Beam	Duras trand 0.8...	psl	Typical
473	M494	N642	N643			4x16	Beam	Duras trand 0.8...	psl	Typical
474	M495	N644	N645			4x16	Beam	Duras trand 0.8...	psl	Typical
475	M496	N892	N646			W24X62	Beam	Wide Flange	A36 Gr.36	Typical
476	M497	N784	N779			6x14	Beam	Rectangular	DF	Typical
477	M498	N647	N648			W24X62	Beam	Wide Flange	A36 Gr.36	Typical
478	M499	N779	N649			W24X62	Beam	Wide Flange	A36 Gr.36	Typical
479	M500	N650	N651			4x16	Beam	Duras trand 0.8...	psl	Typical
480	M501	N952	N954			6x14	Beam	Rectangular	DF	Typical
481	M502	N652	N653			4x16	Beam	Duras trand 0.8...	psl	Typical
482	M503	N654	N655			4x16	Beam	Duras trand 0.8...	psl	Typical
483	M504	N656	N657			4x16	Beam	Duras trand 0.8...	psl	Typical
484	M505	N658	N659			4x16	Beam	Duras trand 0.8...	psl	Typical
485	M506	N660	N661			4x16	Beam	Duras trand 0.8...	psl	Typical
486	M507	N662	N663			4x16	Beam	Duras trand 0.8...	psl	Typical
487	M508	N664	N665			4x16	Beam	Duras trand 0.8...	psl	Typical
488	M509	N666	N668			4x16	Beam	Duras trand 0.8...	psl	Typical
489	M510	N667	N668			4x16	Beam	Duras trand 0.8...	psl	Typical
490	M511	N669	N671			4x16	Beam	Duras trand 0.8...	psl	Typical
491	M512	N670	N671			4x16	Beam	Duras trand 0.8...	psl	Typical
492	M513	N672	N674			4x16	Beam	Duras trand 0.8...	psl	Typical
493	M514	N673	N674			4x16	Beam	Duras trand 0.8...	psl	Typical
494	M515	N675	N677			4x16	Beam	Duras trand 0.8...	psl	Typical
495	M516	N676	N677			4x16	Beam	Duras trand 0.8...	psl	Typical
496	M517	N918	N916			6x14	Beam	Rectangular	DF	Typical
497	M518	N678	N679			4x16	Beam	Duras trand 0.8...	psl	Typical
498	M519	N680	N681			4x16	Beam	Duras trand 0.8...	psl	Typical
499	M520	N682	N683			4x16	Beam	Duras trand 0.8...	psl	Typical
500	M521	N684	N685			4x16	Beam	Duras trand 0.8...	psl	Typical
501	M522	N686	N687			4x16	Beam	Duras trand 0.8...	psl	Typical
502	M523	N688	N689			4x16	Beam	Duras trand 0.8...	psl	Typical
503	M524	N690	N691			4x16	Beam	Duras trand 0.8...	psl	Typical
504	M525	N692	N693			4x16	Beam	Duras trand 0.8...	psl	Typical
505	M526	N694	N695			4x16	Beam	Duras trand 0.8...	psl	Typical
506	M527	N696	N697			4x16	Beam	Duras trand 0.8...	psl	Typical
507	M528	N698	N699			4x16	Beam	Duras trand 0.8...	psl	Typical
508	M529	N700	N701			4x16	Beam	Duras trand 0.8...	psl	Typical
509	M530	N702	N703			4x16	Beam	Duras trand 0.8...	psl	Typical
510	M531	N704	N705			4x16	Beam	Duras trand 0.8...	psl	Typical
511	M532	N706	N707			4x16	Beam	Duras trand 0.8...	psl	Typical
512	M533	N708	N709			4x16	Beam	Duras trand 0.8...	psl	Typical
513	M534	N710	N711			4x16	Beam	Duras trand 0.8...	psl	Typical
514	M535	N712	N713			4x16	Beam	Duras trand 0.8...	psl	Typical
515	M536	N714	N715			4x16	Beam	Duras trand 0.8...	psl	Typical
516	M537	N716	N717			4x16	Beam	Duras trand 0.8...	psl	Typical
517	M538	N718	N719			4x16	Beam	Duras trand 0.8...	psl	Typical
518	M539	N720	N721			4x16	Beam	Duras trand 0.8...	psl	Typical
519	M540	N722	N723			4x16	Beam	Duras trand 0.8...	psl	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
520	M541	N724	N725			4x16	Beam	Duras trand 0.8...	psl	Typical
521	M542	N726	N727			4x16	Beam	Duras trand 0.8...	psl	Typical
522	M543	N728	N729			4x16	Beam	Duras trand 0.8...	psl	Typical
523	M544	N730	N731			4x16	Beam	Duras trand 0.8...	psl	Typical
524	M545	N732	N733			4x16	Beam	Duras trand 0.8...	psl	Typical
525	M546	N734	N735			4x16	Beam	Duras trand 0.8...	psl	Typical
526	M547	N736	N737			4x16	Beam	Duras trand 0.8...	psl	Typical
527	M548	N738	N739			4x16	Beam	Duras trand 0.8...	psl	Typical
528	M549	N740	N741			4x16	Beam	Duras trand 0.8...	psl	Typical
529	M550	N742	N743			4x16	Beam	Duras trand 0.8...	psl	Typical
530	M551	N744	N745			4x16	Beam	Duras trand 0.8...	psl	Typical
531	M552	N746	N747			4x16	Beam	Duras trand 0.8...	psl	Typical
532	M553	N748	N749			4x16	Beam	Duras trand 0.8...	psl	Typical
533	M554	N750	N751			4x16	Beam	Duras trand 0.8...	psl	Typical
534	M555	N752	N753			4x16	Beam	Duras trand 0.8...	psl	Typical
535	M556	N754	N755			4x16	Beam	Duras trand 0.8...	psl	Typical
536	M557	N756	N757			4x16	Beam	Duras trand 0.8...	psl	Typical
537	M558	N758	N759			4x16	Beam	Duras trand 0.8...	psl	Typical
538	M559	N760	N761			4x16	Beam	Duras trand 0.8...	psl	Typical
539	M560	N762	N763			4x16	Beam	Duras trand 0.8...	psl	Typical
540	M561	N764	N765			4x16	Beam	Duras trand 0.8...	psl	Typical
541	M562	N766	N767			4x16	Beam	Duras trand 0.8...	psl	Typical
542	M563	N768	N769			4x16	Beam	Duras trand 0.8...	psl	Typical
543	M564	N807	N881			6x14	Beam	Rectangular	DF	Typical
544	M565	N770	N771			4x16	Beam	Duras trand 0.8...	psl	Typical
545	M566	N772	N773			4x16	Beam	Duras trand 0.8...	psl	Typical
546	M567	N774	N775			4x16	Beam	Duras trand 0.8...	psl	Typical
547	M568	N776	N777			4x16	Beam	Duras trand 0.8...	psl	Typical
548	M569	N819	N798			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
549	M570	N800	N873			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
550	M571	N875	N908			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
551	M572	N780	N781			4x16	Beam	Duras trand 0.8...	psl	Typical
552	M573	N798	N800			6x14	Beam	Rectangular	DF	Typical
553	M574	N802	N786			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
554	M575	N861	N806			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
555	M576	N804	N782			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
556	M577	N855	N806			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
557	M578	N1008	N1010			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
558	M579	N885	N1010			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
559	M580	N886	N783			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
560	M581	N783	N888			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
561	M582	N890	N1002			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
562	M583	N998	N1002			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
563	M584	N996	N892			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
564	M585	N892	N964			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
565	M586	N964	N962			6x14	Beam	Rectangular	DF	Typical
566	M587	N962	N972			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
567	M588	N972	N974			6x14	Beam	Rectangular	DF	Typical
568	M589	N974	N954			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
569	M590	N952	N948			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
570	M591	N948	N946			6x14	Beam	Rectangular	DF	Typical
571	M592	N813	N815			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
572	M593	N815	N946			1.75x14fs	Beam	Duras trand 0.8...	lvI	Typical
573	M594	N813	N811			6x14	Beam	Rectangular	DF	Typical
574	M595	N811	N817			1.75x14fs	Beam	Duras trand 0.8...	lvI	Typical
575	M596	N817	N807			1.75x14fs	Beam	Duras trand 0.8...	lvI	Typical
576	M597	N918	N784			1.75x14fs	Beam	Duras trand 0.8...	lvI	Typical
577	M598	N916	N785			1.75x14fs	Beam	Duras trand 0.8...	lvI	Typical
578	M599	N786	N787			2-2x6	Beam	Rectangular	DF	Typical
579	M600	N788	N789			2-2x6	Beam	Rectangular	DF	Typical
580	M601	N790	N791			2-2x6	Beam	Rectangular	DF	Typical
581	M602	N792	N793			2-2x6	Beam	Rectangular	DF	Typical
582	M603	N794	N795			2-2x6	Beam	Rectangular	DF	Typical
583	M604	N796	N797			2-2x6	Beam	Rectangular	DF	Typical
584	M605	N798	N799			2-2x6	Beam	Rectangular	DF	Typical
585	M606	N800	N801			2-2x6	Beam	Rectangular	DF	Typical
586	M607	N802	N803			2-2x6	Beam	Rectangular	DF	Typical
587	M608	N804	N805			2-2x6	Beam	Rectangular	DF	Typical
588	M609	N806	N299			2-2x6	Beam	Rectangular	DF	Typical
589	M610	N807	N808			2-2x6	Beam	Rectangular	DF	Typical
590	M611	N809	N810			2-2x6	Beam	Rectangular	DF	Typical
591	M612	N811	N812			2-2x6	Beam	Rectangular	DF	Typical
592	M613	N813	N814			2-2x6	Beam	Rectangular	DF	Typical
593	M614	N815	N816			2-2x6	Beam	Rectangular	DF	Typical
594	M615	N817	N818			2-2x6	Beam	Rectangular	DF	Typical
595	M616	N819	N820			6x6	Beam	Rectangular	DF	Typical
596	M617	N821	N822			2x6	Beam	Rectangular	DF	Typical
597	M618	N823	N824			2x6	Beam	Rectangular	DF	Typical
598	M619	N825	N826			2x6	Beam	Rectangular	DF	Typical
599	M620	N827	N828			2x6	Beam	Rectangular	DF	Typical
600	M621	N829	N830			2x6	Beam	Rectangular	DF	Typical
601	M622	N831	N832			2x6	Beam	Rectangular	DF	Typical
602	M623	N833	N834			2-2x6	Beam	Rectangular	DF	Typical
603	M624	N835	N836			2x6	Beam	Rectangular	DF	Typical
604	M625	N837	N838			2x6	Beam	Rectangular	DF	Typical
605	M626	N839	N840			2x6	Beam	Rectangular	DF	Typical
606	M627	N841	N842			2x6	Beam	Rectangular	DF	Typical
607	M628	N843	N844			2x6	Beam	Rectangular	DF	Typical
608	M629	N845	N846			2x6	Beam	Rectangular	DF	Typical
609	M630	N847	N848			2x6	Beam	Rectangular	DF	Typical
610	M631	N849	N850			2x6	Beam	Rectangular	DF	Typical
611	M632	N851	N852			2x6	Beam	Rectangular	DF	Typical
612	M633	N853	N854			2x6	Beam	Rectangular	DF	Typical
613	M634	N855	N856			2x6	Beam	Rectangular	DF	Typical
614	M635	N857	N858			2x6	Beam	Rectangular	DF	Typical
615	M636	N859	N860			2x6	Beam	Rectangular	DF	Typical
616	M637	N861	N862			6x6	Column	Rectangular	DF	Typical
617	M638	N863	N864			6x6	Beam	Rectangular	DF	Typical
618	M639	N865	N866			6x6	Beam	Rectangular	DF	Typical
619	M640	N867	N868			6x6	Beam	Rectangular	DF	Typical
620	M641	N869	N870			6x6	Beam	Rectangular	DF	Typical
621	M642	N871	N872			6x6	Beam	Rectangular	DF	Typical
622	M643	N873	N874			6x6	Beam	Rectangular	DF	Typical
623	M644	N875	N876			6x6	Beam	Rectangular	DF	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
624	M645	N877	N878			6x6	Beam	Rectangular	DF	Typical
625	M646	N879	N880			6x6	Beam	Rectangular	DF	Typical
626	M647	N881	N882			6x6	Beam	Rectangular	DF	Typical
627	M648	N883	N884			6x6	Beam	Rectangular	DF	Typical
628	M649	N885	N241			6x6	Beam	Rectangular	DF	Typical
629	M650	N886	N887			6X6	Column	Rectangular	DF	Typical
630	M651	N888	N889			6x6	Beam	Rectangular	DF	Typical
631	M652	N890	N891			6x6	Beam	Rectangular	DF	Typical
632	M653	N892	N893			6x6	Beam	Rectangular	DF	Typical
633	M654	N894	N895			2x6	Beam	Rectangular	DF	Typical
634	M655	N896	N897			2x6	Beam	Rectangular	DF	Typical
635	M656	N898	N899			6x6	Column	Rectangular	DF	Typical
636	M657	N900	N901			2x6	Beam	Rectangular	DF	Typical
637	M658	N902	N903			2x6	Beam	Rectangular	DF	Typical
638	M659	N904	N905			2x6	Beam	Rectangular	DF	Typical
639	M660	N906	N907			2x6	Beam	Rectangular	DF	Typical
640	M661	N908	N909			2-2x6	Beam	Rectangular	DF	Typical
641	M662	N910	N911			6x6	Beam	Rectangular	DF	Typical
642	M663	N912	N913			6x6	Beam	Rectangular	DF	Typical
643	M664	N914	N915			2x6	Beam	Rectangular	DF	Typical
644	M665	N916	N917			6X6	Column	Rectangular	DF	Typical
645	M666	N918	N919			2-2x6	Beam	Rectangular	DF	Typical
646	M667	N920	N921			2x6	Beam	Rectangular	DF	Typical
647	M668	N922	N923			2x6	Beam	Rectangular	DF	Typical
648	M669	N924	N925			2x6	Beam	Rectangular	DF	Typical
649	M670	N926	N927			2x6	Beam	Rectangular	DF	Typical
650	M671	N928	N929			2x6	Beam	Rectangular	DF	Typical
651	M672	N930	N931			2x6	Beam	Rectangular	DF	Typical
652	M673	N932	N933			2x6	Beam	Rectangular	DF	Typical
653	M674	N934	N935			2x6	Beam	Rectangular	DF	Typical
654	M675	N936	N937			2x6	Beam	Rectangular	DF	Typical
655	M676	N938	N939			2x6	Beam	Rectangular	DF	Typical
656	M677	N940	N941			2x6	Beam	Rectangular	DF	Typical
657	M678	N942	N943			2x6	Beam	Rectangular	DF	Typical
658	M679	N944	N945			2x6	Beam	Rectangular	DF	Typical
659	M680	N946	N947			2-2x6	Beam	Rectangular	DF	Typical
660	M681	N948	N949			2x6	Beam	Rectangular	DF	Typical
661	M682	N950	N951			2x6	Beam	Rectangular	DF	Typical
662	M683	N952	N953			2-2x6	Beam	Rectangular	DF	Typical
663	M684	N954	N955			2-2x6	Beam	Rectangular	DF	Typical
664	M685	N956	N957			2x6	Beam	Rectangular	DF	Typical
665	M686	N958	N959			2x6	Beam	Rectangular	DF	Typical
666	M687	N960	N961			2x6	Beam	Rectangular	DF	Typical
667	M688	N962	N963			2-2x6	Beam	Rectangular	DF	Typical
668	M689	N964	N965			2-2x6	Beam	Rectangular	DF	Typical
669	M690	N966	N967			2x6	Beam	Rectangular	DF	Typical
670	M691	N968	N969			2x6	Beam	Rectangular	DF	Typical
671	M692	N970	N971			2x6	Beam	Rectangular	DF	Typical
672	M693	N972	N973			2x6	Beam	Rectangular	DF	Typical
673	M694	N974	N975			2-2x6	Beam	Rectangular	DF	Typical
674	M695	N976	N977			2x6	Beam	Rectangular	DF	Typical
675	M696	N978	N979			2x6	Beam	Rectangular	DF	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
676	M697	N980	N981			2x6	Beam	Rectangular	DF	Typical
677	M698	N982	N983			2x6	Beam	Rectangular	DF	Typical
678	M699	N984	N985			2x6	Beam	Rectangular	DF	Typical
679	M700	N986	N987			2x6	Beam	Rectangular	DF	Typical
680	M701	N988	N989			2x6	Beam	Rectangular	DF	Typical
681	M702	N990	N991			2x6	Beam	Rectangular	DF	Typical
682	M703	N992	N993			2x6	Beam	Rectangular	DF	Typical
683	M704	N994	N995			2x6	Beam	Rectangular	DF	Typical
684	M705	N996	N997			2-2x6	Beam	Rectangular	DF	Typical
685	M706	N998	N999			2-2x6	Beam	Rectangular	DF	Typical
686	M707	N1000	N1001			2x6	Beam	Rectangular	DF	Typical
687	M708	N1002	N1003			2-2x6	Beam	Rectangular	DF	Typical
688	M709	N1004	N1005			2x6	Beam	Rectangular	DF	Typical
689	M710	N1006	N1007			2x6	Beam	Rectangular	DF	Typical
690	M711	N1008	N1009			6x6	Column	Rectangular	DF	Typical
691	M712	N1010	N303			2-2x6	Beam	Rectangular	DF	Typical
692	M713	N1011	N1012			2x6	Beam	Rectangular	DF	Typical
693	M714	N338	N784			6X6	Column	Rectangular	DF	Typical
694	M715	N336	N779			6x6	Beam	Rectangular	DF	Typical
695	M716	N144	N564			2x6	Beam	Rectangular	DF	Typical
696	M718	N251	N280			1.75x14fs	Beam	Duras trand 0.8...	lvl	Typical
697	M719	N1080	N1003			2-2x6	Column	Rectangular D...	DF	Typical
698	M720	N1104	N250			2x6	Column	Rectangular	DF	Typical
699	M721	N1081	N95			2x6	Column	Rectangular	DF	Typical
700	M722	N1082	N97			2x6	Column	Rectangular	DF	Typical
701	M723	N1083	N98			2x6	Column	Rectangular	DF	Typical
702	M724	N1103	N249			2x6	Column	Rectangular	DF	Typical
703	M725	N1084	N108			2x6	Column	Rectangular	DF	Typical
704	M726	N1102	N248			2x6	Column	Rectangular	DF	Typical
705	M727	N1101	N246			2x6	Column	Rectangular	DF	Typical
706	M728	N1085	N117			2x6	Column	Rectangular	DF	Typical
707	M729	N1086	N128			2x6	Column	Rectangular	DF	Typical
708	M730	N1087	N129			2x6	Column	Rectangular	DF	Typical
709	M731	N1088	N130			2x6	Column	Rectangular	DF	Typical
710	M732	N1089	N131			2x6	Column	Rectangular	DF	Typical
711	M733	N1100	N245			2x6	Column	Rectangular	DF	Typical
712	M734	N1091	N135			2x6	Column	Rectangular	DF	Typical
713	M735	N1090	N134			2x6	Column	Rectangular	DF	Typical
714	M736	N1099	N244			2x6	Column	Rectangular	DF	Typical
715	M737	N1098	N243			2x6	Column	Rectangular	DF	Typical
716	M738	N1092	N136			2x6	Column	Rectangular	DF	Typical
717	M739	N1093	N137			2x6	Column	Rectangular	DF	Typical
718	M740	N1094	N139			2x6	Column	Rectangular	DF	Typical
719	M741	N1095	N141			2x6	Column	Rectangular	DF	Typical
720	M742	N1096	N142			2x6	Column	Rectangular	DF	Typical
721	M743	N1097	N143			2x6	Column	Rectangular	DF	Typical
722	M744	N1105	N560			2x6	Beam	Rectangular	DF	Typical
723	M745	N1109	N545			6x6	Column	Rectangular	DF	Typical
724	M746	N1108	N421			2x6	Column	Rectangular	DF	Typical
725	M747	N1107	N420			2x6	Column	Rectangular	DF	Typical
726	M748	N1106	N419			2x6	Column	Rectangular	DF	Typical
727	M749	N1109	N1112			7x14fs	Beam	Duras trand 0.8...	psl	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
728	M750	N536	N1079			5.125X21FS	Beam	Ros boro X-Be...	24f-v4	Typical
729	M751	N536	N1109			5.125X12FS	Beam	Rectangular	24f-v4	Typical
730	M752	N1157	N536			5.125X12FS	Beam	Ros boro X-Be...	24f-v4	Typical
731	M754	N1111	N1110			5.125x10.5FS	Beam	Ros boro X-Be...	24f-v4	Typical
732	M755	N1114	N1111			2X14	Beam	Duras trand 0.8...	psl	Typical
733	M756	N1110	N1115			2X14	Beam	Duras trand 0.8...	psl	Typical
734	M757	N1117	N1118			2X14	Beam	Duras trand 0.8...	psl	Typical
735	M758	N1119	N1120			2X14	Beam	Duras trand 0.8...	psl	Typical
736	M759	N1121	N1122			2X14	Beam	Duras trand 0.8...	psl	Typical
737	M760	N1123	N1124			2X14	Beam	Duras trand 0.8...	psl	Typical
738	M761	N1125	N1126			2X14	Beam	Duras trand 0.8...	psl	Typical
739	M762	N1127	N1128			2X14	Beam	Duras trand 0.8...	psl	Typical
740	M763	N1129	N1130			2X14	Beam	Duras trand 0.8...	psl	Typical
741	M764	N1131	N1132			2X14	Beam	Duras trand 0.8...	psl	Typical
742	M765	N304	N302			2X14	Beam	Duras trand 0.8...	psl	Typical
743	M766	N1133	N1134			2X14	Beam	Duras trand 0.8...	psl	Typical
744	M767	N1135	N1136			2X14	Beam	Duras trand 0.8...	psl	Typical
745	M768	N1137	N1138			2X14	Beam	Duras trand 0.8...	psl	Typical
746	M769	N1139	N1140			2X14	Beam	Duras trand 0.8...	psl	Typical
747	M770	N1141	N1131			2X14	Beam	Duras trand 0.8...	psl	Typical
748	M771	N1142	N1133			2X14	Beam	Duras trand 0.8...	psl	Typical
749	M773	N1143	N1135			2X14	Beam	Duras trand 0.8...	psl	Typical
750	M774	N1144	N1137			2X14	Beam	Duras trand 0.8...	psl	Typical
751	M775	N1145	N1129			2X14	Beam	Duras trand 0.8...	psl	Typical
752	M776	N1146	N1127			2X14	Beam	Duras trand 0.8...	psl	Typical
753	M777	N1147	N1125			2X14	Beam	Duras trand 0.8...	psl	Typical
754	M778	N1148	N1123			2X14	Beam	Duras trand 0.8...	psl	Typical
755	M779	N1149	N1150			2X14	Beam	Duras trand 0.8...	psl	Typical
756	M780	N1150	N1121			2X14	Beam	Duras trand 0.8...	psl	Typical
757	M781	N1151	N1119			2X14	Beam	Duras trand 0.8...	psl	Typical
758	M783	N1152	N1117			2X14	Beam	Duras trand 0.8...	psl	Typical
759	M784	N1116	N536			3.5X14FS	Beam	Duras trand 0.8...	psl	Typical
760	M785	N1114	N521			3.5x14FS	Beam	Duras trand 0.8...	psl	Typical
761	M786	N1154	N1296			W10X26	Column	Wide Flange	A992	Typical
762	M788A	N1158	N1159			W8X31	Beam	Wide Flange	A36 Gr.36	Typical
763	M789	N1161	N1157			6x6	Column	Rectangular	DF	Typical
764	M790	N1162	N1160			6x6	Column	Rectangular	DF	Typical
765	M791	N1160	N1157			5.125x12FS	Beam	Ros boro X-Be...	24f-v4	Typical
766	M792	N1164	N1163			6x6	Column	Rectangular	DF	Typical
767	M793	N1163	N1160			5.125X12FS	Beam	Ros boro X-Be...	24f-v4	Typical
768	M794	N1165	N1166			2X14	Beam	Duras trand 0.8...	psl	Typical
769	M796	N1167	N1168			2X14	Beam	Duras trand 0.8...	psl	Typical
770	M800	N1169	N1170			2X14	Beam	Duras trand 0.8...	psl	Typical
771	M808	N1171	N1172			2X14	Beam	Duras trand 0.8...	psl	Typical
772	M824	N1173	N1174			2X14	Beam	Duras trand 0.8...	psl	Typical
773	M856	N1175	N1176			2X14	Beam	Duras trand 0.8...	psl	Typical
774	M920	N1177	N1178			2X14	Beam	Duras trand 0.8...	psl	Typical
775	M1048	N1179	N1180			2X14	Beam	Duras trand 0.8...	psl	Typical
776	M1304	N1181	N1182			2X14	Beam	Duras trand 0.8...	psl	Typical
777	M1816	N1183	N1184			2X14	Beam	Duras trand 0.8...	psl	Typical
778	M2840	N1185	N1186			2X14	Beam	Duras trand 0.8...	psl	Typical
779	M805	N1165	N1187			2X14	Beam	Duras trand 0.8...	psl	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
780	M806	N1167	N1188			2X14	Beam	Duras trand 0.8...	psl	Typical
781	M808A	N1169	N1189			2X14	Beam	Duras trand 0.8...	psl	Typical
782	M812	N1171	N1190			2X14	Beam	Duras trand 0.8...	psl	Typical
783	M820	N1173	N1191			2X14	Beam	Duras trand 0.8...	psl	Typical
784	M836	N1175	N1192			2X14	Beam	Duras trand 0.8...	psl	Typical
785	M868	N1177	N1193			2X14	Beam	Duras trand 0.8...	psl	Typical
786	M932	N1179	N1194			2X14	Beam	Duras trand 0.8...	psl	Typical
787	M817	N1116	N1200			2X14	Beam	Rectangular	psl	Typical
788	M818	N1201	N1202			2X14	Beam	Rectangular	psl	Typical
789	M820A	N1203	N1204			2X14	Beam	Rectangular	psl	Typical
790	M824A	N1205	N1206			2X14	Beam	Rectangular	psl	Typical
791	M832	N1207	N1208			2X14	Beam	Rectangular	psl	Typical
792	M833	N1209	N1210			2X14	Beam	Rectangular	psl	Typical
793	M835	N1211	N1212			2X14	Beam	Rectangular	psl	Typical
794	M839	N1213	N1214			2X14	Beam	Rectangular	psl	Typical
795	M847	N1215	N1216			2X14	Beam	Rectangular	psl	Typical
796	M863	N1217	N1218			2X14	Beam	Rectangular	psl	Typical
797	M895	N1219	N1220			2X14	Beam	Rectangular	psl	Typical
798	M959	N1221	N1222			2X14	Beam	Rectangular	psl	Typical
799	M828	N1159	N1223			5.25x14fs	Beam	Duras trand 0.8...	psl	Typical
800	M829	N526	N1225			1.75x14fs	Beam	Rectangular	psl	Typical
801	M830	N528	N1224			1.75x14fs	Beam	Rectangular	psl	Typical
802	M828A	N1181	N1227			2x14	Beam	Rectangular	psl	Typical
803	M829A	N1183	N1229			2x14	Beam	Rectangular	psl	Typical
804	M830A	N1185	N1231			2x14	Beam	Rectangular	psl	Typical
805	M831	N1226	N1195			2x14	Beam	Rectangular	psl	Typical
806	M832A	N1228	N1196			2x14	Beam	Rectangular	psl	Typical
807	M833A	N1230	N1197			2x14	Beam	Rectangular	psl	Typical
808	M833B	N1198	N1233			2x14	Beam	Rectangular	psl	Typical
809	M834	N1232	N1199			2x14	Beam	Rectangular	psl	Typical
810	M835A	N1234	N536			6x6	Beam	Rectangular	DF	Typical
811	M832B	N1236	N895			6x6	Beam	Rectangular	DF	Typical
812	M833C	N1237	N897			6x6	Beam	Rectangular	DF	Typical
813	M834A	N1238	N899			6x6	Beam	Rectangular	DF	Typical
814	M835B	N1235	N872			6x6	Beam	Rectangular	DF	Typical
815	M836A	N870	N525			1.75X14FS	Beam	Duras trand 0.8...	psl	Typical
816	M837	N8	N567			6x6	Beam	Rectangular	DF	Typical
817	M838	N9	N783			6x6	Beam	Rectangular	DF	Typical
818	M839A	N1239	N240			6x6	Beam	Rectangular	DF	Typical
819	M840	N1241	N1240			6x6	Beam	Rectangular	DF	Typical
820	M838A	N1243	N1242			2-2x6	Beam	Rectangular	DF	Typical
821	M839B	N299	N456			3.5x14fs	Beam	Duras trand 0.8...	psl	Typical
822	M840A	N545	N541			1.75x14fs	Beam	Rectangular D...	psl	Typical
823	M841	N1244	N100			2X6	Beam	Rectangular	DF	Typical
824	M842	N1245	N103			2X6	Beam	Rectangular	DF	Typical
825	M844	N1246	N106			2X6	Beam	Rectangular	DF	Typical
826	M848	N1247	N109			2X6	Beam	Rectangular	DF	Typical
827	M856A	N1248	N112			2X6	Beam	Rectangular	DF	Typical
828	M872	N1249	N115			2X6	Beam	Rectangular	DF	Typical
829	M904	N1250	N118			2X6	Beam	Rectangular	DF	Typical
830	M968	N1251	N120			2X6	Beam	Rectangular	DF	Typical
831	M1096	N1252	N122			2X6	Beam	Rectangular	DF	Typical



**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
832	M1352	N1253	N124			2X6	Beam	Rectangular	DF	Typical
833	M1864	N1254	N126			2X6	Beam	Rectangular	DF	Typical
834	M1865	N91	N95			3x14	Beam	Duras trand 0.8...	psl	Typical
835	M1866	N1255	N1109			6X6	Beam	Rectangular	DF	Typical
836	M1867	N1109	N542			1.75X14F S	Beam	Duras trand 0.8...	psl	Typical
837	M1868	N1259	N1257			6X6	Column	Rectangular	DF	Typical
838	M1869	N1258	N1256			5x6	Column	Rectangular	DF	Typical
839	M1869A	N1257	N1256			1.75X14F S	Beam	Duras trand 0.8...	psl	Typical
840	M1870	N1257	N540			1.75X14F S	Beam	Duras trand 0.8...	psl	Typical
841	M1871	N1260	N540			6X6	Beam	Rectangular D...	psl	Typical
842	M859	N1261	N1262			W8X24	Beam	Wide Flange	A36 Gr.36	Typical
843	M859A	N1263	N1264			W8X24	Beam	Wide Flange	A36 Gr.36	Typical
844	M844A	N1266	N1265			MC 6X6.5	Beam	Wide Flange	A36 Gr.36	Typical
845	M846	N1268	N1267			MC 6X6.5	Beam	Wide Flange	A36 Gr.36	Typical
846	M850	N1269	N238			MC 6X6.5	Beam	Wide Flange	A36 Gr.36	Typical
847	M858	N1271	N1270			MC 6X6.5	Beam	Wide Flange	A36 Gr.36	Typical
848	M874	N1273	N1272			MC 6X6.5	Beam	Wide Flange	A36 Gr.36	Typical
849	M906	N1275	N1274			MC 6X6.5	Beam	Wide Flange	A36 Gr.36	Typical
850	M970	N1276	N232			MC 6X6.5	Beam	Wide Flange	A36 Gr.36	Typical
851	M1098	N1278	N1277			MC 6X6.5	Beam	Wide Flange	A36 Gr.36	Typical
852	M1354	N1280	N1279			MC 6X6.5	Beam	Wide Flange	A36 Gr.36	Typical
853	M1866A	N1282	N1281			MC 6X6.5	Beam	Wide Flange	A36 Gr.36	Typical
854	M2890	N1283	N363			MC 6X6.5	Beam	Wide Flange	A36 Gr.36	Typical
855	M4938	N1285	N1284			MC 6X6.5	Beam	Wide Flange	A36 Gr.36	Typical

**Global Model Settings**

Display Sections for Member Calcs	5
Max Internal Sections for Member Calcs	97
Include Shear Deformation?	Yes
Increase Nailing Capacity for Wind?	Yes
Include Warping?	Yes
Trans Load Btw Intersecting Wood Wall?	Yes
Area Load Mesh (in^2)	144
Merge Tolerance (in)	.12
P-Delta Analysis Tolerance	0.50%
Include P-Delta for Walls?	Yes
Automatically Iterate Stiffness for Walls?	Yes
Max Iterations for Wall Stiffness	3
Gravity Acceleration (ft/sec^2)	32.2
Wall Mesh Size (in)	24
Eigensolution Convergence Tol. (1.E-)	4
Vertical Axis	Y
Global Member Orientation Plane	XZ
Static Solver	Sparse Accelerated
Dynamic Solver	Standard Solver

**Global Model Settings - Continued**

Hot Rolled Steel Code	AISC 9th: ASD
RISAC Connection Code	AISC 14th(360-10): ASD
Cold Formed Steel Code	AISI S100-16: ASD
Wood Code	AWC NDS-15: ASD
Wood Temperature	< 100F
Concrete Code	ACI 318-14
Masonry Code	TMS 402-16: ASD
Aluminum Code	AA ADM1-15: ASD - Building
Stainless Steel Code	AISC 14th(360-10): ASD
Adjust Stiffness?	Yes(Iterative)

Number of Shear Regions	4
Region Spacing Increment (in)	4
Biaxial Column Method	Exact Integration
Parame Beta Factor (PCA)	.65
Concrete Stress Block	Rectangular
Use Cracked Sections?	Yes
Use Cracked Sections Slab?	Yes
Bad Framing Warnings?	No
Unused Force Warnings?	Yes
Min 1 Bar Diam. Spacing?	No
Concrete Rebar Set	REBAR_SET_ASTMA615
Min % Steel for Column	1
Max % Steel for Column	8

Seismic Code	ASCE 7-10
Seismic Base Elevation (ft)	Not Entered
Add Base Weight?	Yes
Ct X	.02
Ct Z	.02
T X (sec)	Not Entered
T Z (sec)	Not Entered
R X	3
R Z	3
Ct Exp. X	.75
Ct Exp. Z	.75
SD1	1
SDS	1
S1	1
TL (sec)	5
Risk Cat	I or II
Drift Cat	Other
Om Z	1
Om X	1
Cd Z	4
Cd X	4
Rho Z	1
Rho X	1

**Hot-Rolled Steel Properties**

	Label	E [ksi]	G [ksi]	Nu	Them (/1E...Density[k/ft...]	Yield[ksi]	Ry	Fu[ksi]	Rt	
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3

**Wood Material Properties**

	Label	Type	Database	Species	Grade	Cm	E mod	Nu	Them (/...Dens[k/ft^3]	
1	DF	Solid Sawn	Visually Gr...	Douglas Fir-Larch	No.1		1	.3	.3	.035
2	psl	SCL	TrusJoist	2.0E_DF Parallam ...	na		1	.3	.3	.035
3	lvl	SCL	TrusJoist	1.9E_YP Microllam...	na		1	.3	.3	.035
4	24f-v4	Glulam	NDS Table...	24F-V4_SP/SP	na		1	.3	.3	.035
5	24F-1.8E DF B...	Glulam	NDS Table...	24F-1.8E_DF_BAL	na		1	.3	.3	.035
6	24F-1.8E DF U...	Glulam	NDS Table...	24F-1.8E_DF_UNB...	na		1	.3	.3	.035
7	24F-1.8E SP B...	Glulam	NDS Table...	24F-1.8E_SP_BAL	na		1	.3	.3	.035
8	24F-1.8E SP U...	Glulam	NDS Table...	24F-1.8E_SP_UNB...	na		1	.3	.3	.035

**Joint Boundary Conditions**

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
1	N252	Reaction	Reaction	Reaction			
2	N254	Reaction	Reaction	Reaction			
3	N256	Reaction	Reaction	Reaction			
4	N258	Reaction	Reaction	Reaction			
5	N260	Reaction	Reaction	Reaction			
6	N262	Reaction	Reaction	Reaction			
7	N264	Reaction	Reaction	Reaction			
8	N266	Reaction	Reaction	Reaction			
9	N268	Reaction	Reaction	Reaction			
10	N270	Reaction	Reaction	Reaction			
11	N272	Reaction	Reaction	Reaction			
12	N273	Reaction	Reaction	Reaction			
13	N275	Reaction	Reaction	Reaction			
14	N277	Reaction	Reaction	Reaction			
15	N279	Reaction	Reaction	Reaction			
16	N281	Reaction	Reaction	Reaction			
17	N283	Reaction	Reaction	Reaction			
18	N285	Reaction	Reaction	Reaction			
19	N287	Reaction	Reaction	Reaction			
20	N288	Reaction	Reaction	Reaction			
21	N289	Reaction	Reaction	Reaction			
22	N290	Reaction	Reaction	Reaction			
23	N292	Reaction	Reaction	Reaction			
24	N294	Reaction	Reaction	Reaction			
25	N296	Reaction	Reaction	Reaction			
26	N298	Reaction	Reaction	Reaction			
27	N300	Reaction	Reaction	Reaction			

~~Joint Boundary Conditions (Continued)~~

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
28	N301	Reaction	Reaction	Reaction			
29	N302	Reaction	Reaction	Reaction			
30	N304	Reaction	Reaction	Reaction			
31	N306	Reaction	Reaction	Reaction			
32	N307	Reaction	Reaction	Reaction			
33	N308	Reaction	Reaction	Reaction			
34	N309	Reaction	Reaction	Reaction			
35	N310	Reaction	Reaction	Reaction			
36	N311	Reaction	Reaction	Reaction			
37	N312	Reaction	Reaction	Reaction			
38	N313	Reaction	Reaction	Reaction			
39	N314	Reaction	Reaction	Reaction			
40	N315	Reaction	Reaction	Reaction			
41	N316	Reaction	Reaction	Reaction			
42	N317	Reaction	Reaction	Reaction			
43	N318	Reaction	Reaction	Reaction			
44	N320	Reaction	Reaction	Reaction			
45	N321	Reaction	Reaction	Reaction			
46	N323	Reaction	Reaction	Reaction			
47	N325	Reaction	Reaction	Reaction			
48	N327	Reaction	Reaction	Reaction			
49	N329	Reaction	Reaction	Reaction			
50	N331	Reaction	Reaction	Reaction			
51	N333	Reaction	Reaction	Reaction			
52	N335	Reaction	Reaction	Reaction			
53	N337	Reaction	Reaction	Reaction			
54	N339	Reaction	Reaction	Reaction			
55	N340	Reaction	Reaction	Reaction			
56	N341	Reaction	Reaction	Reaction			
57	N342	Reaction	Reaction	Reaction			
58	N343	Reaction	Reaction	Reaction			
59	N345	Reaction	Reaction	Reaction			
60	N346	Reaction	Reaction	Reaction			
61	N347	Reaction	Reaction	Reaction			
62	N348	Reaction	Reaction	Reaction			
63	N350	Reaction	Reaction	Reaction			
64	N352	Reaction	Reaction	Reaction			
65	N354	Reaction	Reaction	Reaction			
66	N356	Reaction	Reaction	Reaction			
67	N358	Reaction	Reaction	Reaction			
68	N360	Reaction	Reaction	Reaction			
69	N362	Reaction	Reaction	Reaction			
70	N365	Reaction	Reaction	Reaction			
71	N367	Reaction	Reaction	Reaction			
72	N369	Reaction	Reaction	Reaction			
73	N370	Reaction	Reaction	Reaction			
74	N372	Reaction	Reaction	Reaction			
75	N374	Reaction	Reaction	Reaction			
76	N375	Reaction	Reaction	Reaction			
77	N377	Reaction	Reaction	Reaction			
78	N379	Reaction	Reaction	Reaction			
79	N380	Reaction	Reaction	Reaction			

~~Joint Boundary Conditions (Continued)~~

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
80	N382	Reaction	Reaction	Reaction			
81	N384	Reaction	Reaction	Reaction			
82	N386	Reaction	Reaction	Reaction			
83	N388	Reaction	Reaction	Reaction			
84	N390	Reaction	Reaction	Reaction			
85	N392	Reaction	Reaction	Reaction			
86	N394	Reaction	Reaction	Reaction			
87	N396	Reaction	Reaction	Reaction			
88	N398	Reaction	Reaction	Reaction			
89	N400	Reaction	Reaction	Reaction			
90	N402	Reaction	Reaction	Reaction			
91	N404	Reaction	Reaction	Reaction			
92	N406	Reaction	Reaction	Reaction			
93	N408	Reaction	Reaction	Reaction			
94	N410	Reaction	Reaction	Reaction			
95	N412	Reaction	Reaction	Reaction			
96	N414	Reaction	Reaction	Reaction			
97	N416	Reaction	Reaction	Reaction			
98	N418	Reaction	Reaction	Reaction			
99	N423						
100	N425						
101	N427						
102	N435	Reaction	Reaction	Reaction			
103	N437	Reaction	Reaction	Reaction			
104	N439	Reaction	Reaction	Reaction			
105	N441	Reaction	Reaction	Reaction			
106	N443	Reaction	Reaction	Reaction			
107	N445	Reaction	Reaction	Reaction			
108	N447	Reaction	Reaction	Reaction			
109	N449	Reaction	Reaction	Reaction			
110	N451	Reaction	Reaction	Reaction			
111	N453	Reaction	Reaction	Reaction			
112	N455	Reaction	Reaction	Reaction			
113	N457	Reaction	Reaction	Reaction			
114	N459	Reaction	Reaction	Reaction			
115	N461	Reaction	Reaction	Reaction			
116	N463	Reaction	Reaction	Reaction			
117	N465	Reaction	Reaction	Reaction			
118	N467	Reaction	Reaction	Reaction			
119	N469	Reaction	Reaction	Reaction			
120	N471	Reaction	Reaction	Reaction			
121	N473	Reaction	Reaction	Reaction			
122	N475	Reaction	Reaction	Reaction			
123	N477	Reaction	Reaction	Reaction			
124	N479	Reaction	Reaction	Reaction			
125	N481	Reaction	Reaction	Reaction			
126	N483	Reaction	Reaction	Reaction			
127	N485	Reaction	Reaction	Reaction			
128	N487	Reaction	Reaction	Reaction			
129	N489	Reaction	Reaction	Reaction			
130	N490	Reaction	Reaction	Reaction			
131	N492	Reaction	Reaction	Reaction			

~~Joint Boundary Conditions (Continued)~~

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
132	N494	Reaction	Reaction	Reaction			
133	N496	Reaction	Reaction	Reaction			
134	N498	Reaction	Reaction	Reaction			
135	N500	Reaction	Reaction	Reaction			
136	N502	Reaction	Reaction	Reaction			
137	N504	Reaction	Reaction	Reaction			
138	N506	Reaction	Reaction	Reaction			
139	N508	Reaction	Reaction	Reaction			
140	N510	Reaction	Reaction	Reaction			
141	N512	Reaction	Reaction	Reaction			
142	N514	Reaction	Reaction	Reaction			
143	N516	Reaction	Reaction	Reaction			
144	N518	Reaction	Reaction	Reaction			
145	N519	Reaction	Reaction	Reaction			
146	N521						
147	N523						
148	N524	Reaction	Reaction	Reaction			
149	N526	Reaction	Reaction	Reaction			
150	N528	Reaction	Reaction	Reaction			
151	N530	Reaction	Reaction	Reaction			
152	N532	Reaction	Reaction	Reaction			
153	N534	Reaction	Reaction	Reaction			
154	N536						
155	N538						
156	N540						
157	N542						
158	N544	Reaction	Reaction	Reaction			
159	N546	Reaction	Reaction	Reaction			
160	N548	Reaction	Reaction	Reaction			
161	N550	Reaction	Reaction	Reaction			
162	N551	Reaction	Reaction	Reaction			
163	N552	Reaction	Reaction	Reaction			
164	N554	Reaction	Reaction	Reaction			
165	N555	Reaction	Reaction	Reaction			
166	N556	Reaction	Reaction	Reaction			
167	N557	Reaction	Reaction	Reaction			
168	N558	Reaction	Reaction	Reaction			
169	N870						
170	N895						
171	N897						
172	N899						
173	N878	Reaction	Reaction	Reaction			
174	N818	Reaction	Reaction	Reaction			
175	N1079	Reaction	Reaction	Reaction			
176	N1080	Reaction	Reaction	Reaction			
177	N1104	Reaction	Reaction	Reaction			
178	N1081	Reaction	Reaction	Reaction			
179	N1082	Reaction	Reaction	Reaction			
180	N1083	Reaction	Reaction	Reaction			
181	N1103	Reaction	Reaction	Reaction			
182	N1084	Reaction	Reaction	Reaction			
183	N1102	Reaction	Reaction	Reaction			

~~Joint Boundary Conditions (Continued)~~

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
184	N1101	Reaction	Reaction	Reaction			
185	N1085	Reaction	Reaction	Reaction			
186	N1086	Reaction	Reaction	Reaction			
187	N1087	Reaction	Reaction	Reaction			
188	N1088	Reaction	Reaction	Reaction			
189	N1089	Reaction	Reaction	Reaction			
190	N1100	Reaction	Reaction	Reaction			
191	N1091	Reaction	Reaction	Reaction			
192	N1090	Reaction	Reaction	Reaction			
193	N1099	Reaction	Reaction	Reaction			
194	N1098	Reaction	Reaction	Reaction			
195	N1092	Reaction	Reaction	Reaction			
196	N1093	Reaction	Reaction	Reaction			
197	N1094	Reaction	Reaction	Reaction			
198	N1095	Reaction	Reaction	Reaction			
199	N1096	Reaction	Reaction	Reaction			
200	N1097	Reaction	Reaction	Reaction			
201	N1109						
202	N1108						
203	N1107						
204	N1106						
205	N1113	Reaction	Reaction	Reaction			
206	N1114	Reaction	Reaction	Reaction			
207	N1115	Reaction	Reaction	Reaction			
208	N1117						
209	N1119						
210	N1121						
211	N1123						
212	N1125						
213	N1127						
214	N1129						
215	N1131						
216	N1112	Reaction	Reaction	Reaction			
217	N1118	Reaction	Reaction	Reaction			
218	N1120	Reaction	Reaction	Reaction			
219	N1122	Reaction	Reaction	Reaction			
220	N1124	Reaction	Reaction	Reaction			
221	N1126	Reaction	Reaction	Reaction			
222	N1128	Reaction	Reaction	Reaction			
223	N1130	Reaction	Reaction	Reaction			
224	N1132	Reaction	Reaction	Reaction			
225	N1133						
226	N1135						
227	N1137						
228	N1139						
229	N1157						
230	N1144	Reaction	Reaction	Reaction			
231	N1143	Reaction	Reaction	Reaction			
232	N1111	Reaction	Reaction	Reaction			
233	N1142	Reaction	Reaction	Reaction			
234	N1141						
235	N1116						

~~Joint Boundary Conditions (Continued)~~

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
236	N1145						
237	N1146						
238	N1110	Reaction	Reaction	Reaction			
239	N1159						
240	N1160						
241	N1161	Reaction	Reaction	Reaction			
242	N1162	Reaction	Reaction	Reaction			
243	N1163						
244	N1164	Reaction	Reaction	Reaction			
245	N1165						
246	N1167						
247	N1169						
248	N1171						
249	N1173						
250	N1175						
251	N1177						
252	N1179						
253	N1181						
254	N1183						
255	N1185						
256	N1198						
257	N1201	Reaction	Reaction	Reaction			
258	N1203	Reaction	Reaction	Reaction			
259	N1205	Reaction	Reaction	Reaction			
260	N1207	Reaction	Reaction	Reaction			
261	N1209						
262	N1211						
263	N1213						
264	N1215	Reaction	Reaction	Reaction			
265	N1217	Reaction	Reaction	Reaction			
266	N1219	Reaction	Reaction	Reaction			
267	N1221	Reaction	Reaction	Reaction			
268	N1147	Reaction	Reaction	Reaction			
269	N1148	Reaction	Reaction	Reaction			
270	N1149	Reaction	Reaction	Reaction			
271	N1206	Reaction	Reaction	Reaction			
272	N1208	Reaction	Reaction	Reaction			
273	N1187	Reaction	Reaction	Reaction			
274	N1188	Reaction	Reaction	Reaction			
275	N1204	Reaction	Reaction	Reaction			
276	N1202	Reaction	Reaction	Reaction			
277	N1200	Reaction	Reaction	Reaction			
278	N1210	Reaction	Reaction	Reaction			
279	N1212	Reaction	Reaction	Reaction			
280	N1214	Reaction	Reaction	Reaction			
281	N1216	Reaction	Reaction	Reaction			
282	N1218	Reaction	Reaction	Reaction			
283	N1220	Reaction	Reaction	Reaction			
284	N1222	Reaction	Reaction	Reaction			
285	N1189	Reaction	Reaction	Reaction			
286	N1190	Reaction	Reaction	Reaction			
287	N1191	Reaction	Reaction	Reaction			



~~Joint Boundary Conditions (Continued)~~

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
288	N1192	Reaction	Reaction	Reaction			
289	N1193	Reaction	Reaction	Reaction			
290	N1194	Reaction	Reaction	Reaction			
291	N1195	Reaction	Reaction	Reaction			
292	N1196	Reaction	Reaction	Reaction			
293	N1197	Reaction	Reaction	Reaction			
294	N1199	Reaction	Reaction	Reaction			
295	N1223	Reaction	Reaction	Reaction			
296	N1234	Reaction	Reaction	Reaction			
297	N1236	Reaction	Reaction	Reaction			
298	N1237	Reaction	Reaction	Reaction			
299	N1238	Reaction	Reaction	Reaction			
300	N1235	Reaction	Reaction	Reaction			
301	N1105	Reaction	Reaction	Reaction			
302	N1239	Reaction	Reaction	Reaction			
303	N1240	Reaction	Reaction	Reaction			
304	N1242	Reaction	Reaction	Reaction			
305	N1244	Reaction	Reaction	Reaction			
306	N1245	Reaction	Reaction	Reaction			
307	N1246	Reaction	Reaction	Reaction			
308	N1247	Reaction	Reaction	Reaction			
309	N1248	Reaction	Reaction	Reaction			
310	N1249	Reaction	Reaction	Reaction			
311	N1250	Reaction	Reaction	Reaction			
312	N1251	Reaction	Reaction	Reaction			
313	N1252	Reaction	Reaction	Reaction			
314	N1253	Reaction	Reaction	Reaction			
315	N1254	Reaction	Reaction	Reaction			
316	N1255	Reaction	Reaction	Reaction			
317	N1256						
318	N1257						
319	N1258	Reaction	Reaction	Reaction			
320	N1259	Reaction	Reaction	Reaction			
321	N1260	Reaction	Reaction	Reaction			
322	N1262	Reaction	Reaction	Reaction			
323	N1264	Reaction	Reaction	Reaction			

~~Joint Coordinates and Temperatures~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	-259.174612	0	1911.950883	0	
2	N2	-274.841278	0	1914.700883	0	
3	N3	-264.841278	0	1914.700883	0	
4	N4	-269.841278	0	1918.184905	0	
5	N5	-269.841278	0	1911.950883	0	
6	N6	-259.174612	0	1904.162586	0	
7	N7	-247.091278	0	1904.162586	0	
8	N8	-247.091278	0	1911.450883	0	
9	N9	-247.091278	0	1916.450883	0	
10	N10	-253.704724	0	1911.450883	0	
11	N11	-253.704724	0	1916.450883	0	



Company :  
 Designer :  
 Job Number :  
 Model Name :

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~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
12	N12	-249.591278	0	1887.36755	0	
13	N13	-280.749464	0	1887.36755	0	
14	N14	-268.522782	0	1887.36755	0	
15	N15	-268.522782	0	1891.950883	0	
16	N16	-264.174612	0	1887.36755	0	
17	N17	-249.591278	0	1884.448389	0	
18	N18	-264.174612	0	1884.448389	0	
19	N19	-280.507945	0	1900.36755	0	
20	N20	-259.174612	0	1900.36755	0	
21	N21	-264.174612	0	1883.115056	0	
22	N22	-249.591278	0	1883.115056	0	
23	N23	-247.091278	0	1902.829252	0	
24	N24	-259.174612	0	1902.829252	0	
25	N25	-259.174612	0	1905.495919	0	
26	N26	-247.091278	0	1905.495919	0	
27	N27	-259.174612	0	1906.829252	0	
28	N28	-247.091278	0	1906.829252	0	
29	N29	-259.174612	0	1908.162586	0	
30	N30	-247.091278	0	1908.162586	0	
31	N31	-259.174612	0	1909.495919	0	
32	N32	-247.091278	0	1909.495919	0	
33	N33	-259.174612	0	1910.829252	0	
34	N34	-252.371391	0	1911.450883	0	
35	N35	-252.371391	0	1916.450883	0	
36	N36	-256.371391	0	1911.450883	0	
37	N37	-255.038057	0	1911.450883	0	
38	N38	-255.038057	0	1916.450883	0	
39	N39	-257.704724	0	1911.450883	0	
40	N40	-251.038057	0	1911.450883	0	
41	N41	-251.038057	0	1916.450883	0	
42	N42	-249.704724	0	1911.450883	0	
43	N43	-249.704724	0	1916.450883	0	
44	N44	-248.371391	0	1911.450883	0	
45	N45	-248.371391	0	1916.450883	0	
46	N46	-247.091278	0	1912.162586	0	
47	N47	-247.091278	0	1910.829252	0	
48	N48	-247.091278	0	1914.829252	0	
49	N49	-228.591278	0	1914.829252	0	
50	N50	-247.091278	0	1913.495919	0	
51	N51	-228.591278	0	1913.495919	0	
52	N52	-247.091278	0	1901.495919	0	
53	N53	-247.091278	0	1900.162586	0	
54	N54	-259.174612	0	1900.162586	0	
55	N55	-247.091278	0	1897.495919	0	
56	N56	-247.091278	0	1898.829252	0	
57	N57	-247.091278	0	1896.162586	0	
58	N58	-247.091278	0	1894.829252	0	
59	N59	-247.091278	0	1893.495919	0	
60	N60	-247.091278	0	1892.162586	0	
61	N61	-259.174612	0	1901.495919	0	
62	N62	-259.174612	0	1898.829252	0	
63	N63	-280.674612	0	1897.534216	0	



Company :  
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 Job Number :  
 Model Name :

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~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
64	N64	-267.189448	0	1887.36755	0	
65	N65	-267.189448	0	1891.950883	0	
66	N66	-265.856115	0	1887.36755	0	
67	N67	-265.856115	0	1891.950883	0	
68	N68	-264.522782	0	1887.36755	0	
69	N69	-264.522782	0	1891.950883	0	
70	N70	-263.189448	0	1887.36755	0	
71	N71	-263.189448	0	1891.950883	0	
72	N72	-261.856115	0	1887.36755	0	
73	N73	-261.856115	0	1891.950883	0	
74	N74	-260.522782	0	1887.36755	0	
75	N75	-260.522782	0	1891.950883	0	
76	N76	-269.856115	0	1887.36755	0	
77	N77	-269.856115	0	1891.950883	0	
78	N78	-271.189448	0	1887.36755	0	
79	N79	-271.189448	0	1891.950883	0	
80	N80	-272.522782	0	1887.36755	0	
81	N81	-272.522782	0	1891.950883	0	
82	N82	-273.856115	0	1887.36755	0	
83	N83	-273.856115	0	1891.950883	0	
84	N84	-275.189448	0	1887.36755	0	
85	N85	-275.189448	0	1891.950883	0	
86	N86	-276.522782	0	1887.36755	0	
87	N87	-276.522782	0	1891.950883	0	
88	N88	-277.856115	0	1887.36755	0	
89	N89	-277.856115	0	1891.950883	0	
90	N90	-279.189448	0	1887.36755	0	
91	N91	-249.591278	0	1885.781722	0	
92	N92	-264.174612	0	1885.781722	0	
93	N93	-249.591278	0	1887.115056	0	
94	N94	-239.341278	0	1887.115056	0	
95	N95	-239.341278	0	1885.781722	0	
96	N96	-228.591278	0	1885.781722	0	
97	N97	-239.341278	0	1884.448389	0	
98	N98	-239.341278	0	1883.115056	0	
99	N99	-239.341278	0	1881.781722	0	
100	N100	-249.591278	0	1881.781722	0	
101	N101	-264.174612	0	1881.781722	0	
102	N102	-239.341278	0	1880.448389	0	
103	N103	-249.591278	0	1880.448389	0	
104	N104	-264.174612	0	1880.448389	0	
105	N105	-239.341278	0	1879.115056	0	
106	N106	-249.591278	0	1879.115056	0	
107	N107	-264.174612	0	1879.115056	0	
108	N108	-239.341278	0	1877.781722	0	
109	N109	-249.591278	0	1877.781722	0	
110	N110	-264.174612	0	1877.781722	0	
111	N111	-239.341278	0	1876.448389	0	
112	N112	-249.591278	0	1876.448389	0	
113	N113	-264.174612	0	1876.448389	0	
114	N114	-239.341278	0	1875.115056	0	
115	N115	-249.591278	0	1875.115056	0	



Company :  
 Designer :  
 Job Number :  
 Model Name :

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~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
116	N116	-264.174612	0	1875.115056	0	
117	N117	-239.341278	0	1873.781722	0	
118	N118	-249.591278	0	1873.781722	0	
119	N119	-264.174612	0	1873.781722	0	
120	N120	-249.591278	0	1872.448389	0	
121	N121	-264.174612	0	1872.448389	0	
122	N122	-249.591278	0	1871.115056	0	
123	N123	-264.174612	0	1871.115056	0	
124	N124	-249.591278	0	1869.781722	0	
125	N125	-264.174612	0	1869.781722	0	
126	N126	-249.591278	0	1868.448389	0	
127	N127	-264.174612	0	1868.448389	0	
128	N128	-239.341278	0	1872.448389	0	
129	N129	-239.341278	0	1871.115056	0	
130	N130	-239.341278	0	1869.781722	0	
131	N131	-239.341278	0	1868.448389	0	
132	N132	-228.591278	0	1868.448389	0	
133	N133	-228.591278	0	1867.115056	0	
134	N134	-239.341278	0	1865.781722	0	
135	N135	-239.341278	0	1867.115056	0	
136	N136	-239.341278	0	1864.448389	0	
137	N137	-239.341278	0	1863.115056	0	
138	N138	-228.591278	0	1861.781722	0	
139	N139	-239.341278	0	1861.781722	0	
140	N140	-228.591278	0	1860.448389	0	
141	N141	-239.341278	0	1860.448389	0	
142	N142	-239.341278	0	1859.115056	0	
143	N143	-239.341278	0	1857.781722	0	
144	N144	-247.091278	0	1867.950883	0	
145	N145	-247.091278	0	1865.781722	0	
146	N146	-244.091278	0	1865.781722	0	
147	N147	-247.091278	0	1867.115056	0	
148	N148	-247.091278	0	1864.448389	0	
149	N149	-244.091278	0	1864.448389	0	
150	N150	-247.091278	0	1863.115056	0	
151	N151	-244.091278	0	1863.115056	0	
152	N152	-244.091278	0	1861.781722	0	
153	N153	-244.091278	0	1860.448389	0	
154	N154	-244.091278	0	1859.115056	0	
155	N155	-247.091278	0	1862.462386	0	
156	N156	-249.591278	0	1862.462386	0	
157	N157	-247.091278	0	1861.781722	0	
158	N158	-249.591278	0	1861.781722	0	
159	N159	-247.091278	0	1860.448389	0	
160	N160	-249.591278	0	1860.448389	0	
161	N161	-247.091278	0	1859.115056	0	
162	N162	-249.591278	0	1859.115056	0	
163	N163	-247.091278	0	1857.781722	0	
164	N164	-280.507945	0	1907.950883	0	
165	N165	-280.507945	0	1911.950883	0	
166	N166	-280.507945	0	1898.829252	0	
167	N167	-280.507945	0	1897.534216	0	

~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
168	N168	-280.507945	0	1896.162586	0	
169	N169	-292.091278	0	1892.162586	0	
170	N170	-280.507945	0	1890.829252	0	
171	N171	-285.174612	0	1890.829252	0	
172	N172	-280.507945	0	1889.495919	0	
173	N173	-285.174612	0	1889.495919	0	
174	N174	-280.507945	0	1888.162586	0	
175	N175	-285.174612	0	1888.162586	0	
176	N176	-280.507945	0	1891.200883	0	
177	N177	-268.841278	0	1918.184905	0	
178	N178	-268.841278	0	1911.950883	0	
179	N179	-267.841278	0	1917.964024	0	
180	N180	-267.841278	0	1911.950883	0	
181	N181	-265.841278	0	1917.265956	0	
182	N182	-265.841278	0	1911.950883	0	
183	N183	-266.841278	0	1917.680003	0	
184	N184	-266.841278	0	1911.950883	0	
185	N185	-264.841278	0	1916.700883	0	
186	N186	-264.841278	0	1911.950883	0	
187	N187	-263.841278	0	1914.450883	0	
188	N188	-263.841278	0	1911.950883	0	
189	N189	-262.841278	0	1914.450883	0	
190	N190	-262.841278	0	1911.950883	0	
191	N191	-260.841278	0	1911.950883	0	
192	N192	-261.841278	0	1914.450883	0	
193	N193	-261.841278	0	1911.950883	0	
194	N194	-259.841278	0	1911.950883	0	
195	N195	-270.841278	0	1918.184905	0	
196	N196	-270.841278	0	1911.950883	0	
197	N197	-271.841278	0	1917.964024	0	
198	N198	-271.841278	0	1911.950883	0	
199	N199	-273.841278	0	1917.265956	0	
200	N200	-273.841278	0	1911.950883	0	
201	N201	-274.841278	0	1916.700883	0	
202	N202	-274.841278	0	1911.950883	0	
203	N203	-275.841278	0	1914.450883	0	
204	N204	-275.841278	0	1911.950883	0	
205	N205	-276.841278	0	1914.450883	0	
206	N206	-276.841278	0	1911.950883	0	
207	N207	-272.841278	0	1917.680003	0	
208	N208	-272.841278	0	1911.950883	0	
209	N209	-277.841278	0	1914.450883	0	
210	N210	-277.841278	0	1911.950883	0	
211	N211	-278.841278	0	1911.950883	0	
212	N212	-279.841278	0	1911.950883	0	
213	N213	-281.841278	0	1911.950883	0	
214	N214	-281.841278	0	1907.950883	0	
215	N215	-283.174612	0	1911.950883	0	
216	N216	-283.174612	0	1907.950883	0	
217	N217	-284.507945	0	1911.950883	0	
218	N218	-284.507945	0	1907.950883	0	
219	N219	-285.841278	0	1911.950883	0	



Company :  
 Designer :  
 Job Number :  
 Model Name :

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~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
220	N220	-285.841278	0	1907.950883	0	
221	N221	-287.174612	0	1911.950883	0	
222	N222	-287.174612	0	1907.950883	0	
223	N223	-288.507945	0	1911.950883	0	
224	N224	-288.507945	0	1907.950883	0	
225	N225	-289.841278	0	1911.950883	0	
226	N226	-289.841278	0	1907.950883	0	
227	N227	-291.174612	0	1911.950883	0	
228	N228	-291.174612	0	1907.950883	0	
229	N229	-254.591278	0	1916.450883	0	
230	N230	-252.591278	0	1916.450883	0	
231	N231	-250.591278	0	1916.450883	0	
232	N232	-246.591278	0	1916.450883	0	
233	N233	-248.591278	0	1916.450883	0	
234	N234	-244.591278	0	1916.450883	0	
235	N235	-242.591278	0	1916.450883	0	
236	N236	-238.591278	0	1916.450883	0	
237	N237	-240.591278	0	1916.450883	0	
238	N238	-236.591278	0	1916.450883	0	
239	N239	-234.591278	0	1916.450883	0	
240	N240	-232.591278	0	1916.450883	0	
241	N241	-259.174612	0	1911.450883	0	
242	N242	-264.174612	0	1867.950883	0	
243	N243	-239.341278	0	1864.86755	0	
244	N244	-239.341278	0	1865.450883	0	
245	N245	-239.341278	0	1868.11755	0	
246	N246	-239.341278	0	1874.200883	0	
247	N247	-239.341278	0	1877.700883	0	
248	N248	-239.341278	0	1876.534216	0	
249	N249	-239.341278	0	1881.700883	0	
250	N250	-239.341278	0	1887.534216	0	
251	N251	-292.091278	0	1911.950883	0	
252	N252	-292.091278	-10.666667	1911.950883	0	
253	N253	-292.091278	0	1906.829252	0	
254	N254	-292.091278	-10.666667	1906.829252	0	
255	N255	-292.091278	0	1905.495919	0	
256	N256	-292.091278	-10.666667	1905.495919	0	
257	N257	-292.091278	0	1904.162586	0	
258	N258	-292.091278	-10.666667	1904.162586	0	
259	N259	-292.091278	0	1902.829252	0	
260	N260	-292.091278	-10.666667	1902.829252	0	
261	N261	-292.091278	0	1901.495919	0	
262	N262	-292.091278	-10.666667	1901.495919	0	
263	N263	-292.091278	0	1900.162586	0	
264	N264	-292.091278	-10.666667	1900.162586	0	
265	N265	-292.091278	0	1898.829252	0	
266	N266	-292.091278	-10.666667	1898.829252	0	
267	N267	-292.091278	0	1897.534216	0	
268	N268	-292.091278	-10.666667	1897.534216	0	
269	N269	-292.091278	0	1896.162586	0	
270	N270	-292.091278	-10.666667	1896.162586	0	
271	N271	-292.091278	0	1894.829252	0	

~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
272	N272	-292.091278	-10.666667	1894.829252	0	
273	N273	-292.091278	-10.666667	1894.61755	0	
274	N274	-292.174612	0	1907.950883	0	
275	N275	-292.174612	-10.666667	1907.950883	0	
276	N276	-292.091278	0	1909.495919	0	
277	N277	-292.091278	-10.666667	1909.495919	0	
278	N278	-292.091278	0	1910.829252	0	
279	N279	-292.091278	-10.666667	1910.829252	0	
280	N280	-290.757945	0	1911.950883	0	
281	N281	-290.757945	-10.666667	1911.950883	0	
282	N282	-286.757945	0	1911.950883	0	
283	N283	-286.757945	-10.666667	1911.950883	0	
284	N284	-285.757945	0	1911.950883	0	
285	N285	-285.757945	-10.666667	1911.950883	0	
286	N286	-281.757945	0	1911.950883	0	
287	N287	-281.757945	-10.666667	1911.950883	0	
288	N288	-292.091278	-10.666667	1892.61755	0	
289	N289	-292.091278	-10.666667	1890.700883	0	
290	N290	-292.091278	-10.666667	1888.700883	0	
291	N291	-292.091278	0	1877.450883	0	
292	N292	-292.091278	-10.666667	1877.450883	0	
293	N293	-292.091278	0	1873.11755	0	
294	N294	-292.091278	-10.666667	1873.11755	0	
295	N295	-293.091278	0	1877.450883	0	
296	N296	-293.091278	-10.666667	1877.450883	0	
297	N297	-293.091278	0	1873.11755	0	
298	N298	-293.091278	-10.666667	1873.11755	0	
299	N299	-280.507945	0	1914.450883	0	
300	N300	-280.507945	-10.666667	1914.450883	0	
301	N301	-278.341278	-10.666667	1914.450883	0	
302	N302	-261.341278	-10.666667	1914.450883	0	
303	N303	-259.174612	0	1914.450883	0	
304	N304	-259.174612	-10.666667	1914.450883	0	
305	N305	-259.174612	0	1916.450883	0	
306	N306	-259.174612	-10.666667	1916.450883	0	
307	N307	-228.591278	-10.666667	1914.950883	0	
308	N308	-228.591278	-10.666667	1912.950883	0	
309	N309	-228.591278	-10.666667	1886.61755	0	
310	N310	-228.591278	-10.666667	1884.61755	0	
311	N311	-228.591278	-10.666667	1879.534216	0	
312	N312	-228.591278	-10.666667	1875.534216	0	
313	N313	-228.591278	-10.666667	1869.781722	0	
314	N314	-228.591278	-10.666667	1865.784216	0	
315	N315	-228.591278	-10.666667	1862.36755	0	
316	N316	-228.591278	-10.666667	1860.36755	0	
317	N317	-228.591278	-10.666667	1856.450883	0	
318	N318	-240.007945	-10.666667	1856.450883	0	
319	N319	-239.341278	0	1856.450883	0	
320	N320	-239.341278	-10.666667	1856.450883	0	
321	N321	-242.674612	-10.666667	1856.450883	0	
322	N322	-244.091278	0	1856.450883	0	
323	N323	-244.091278	-10.666667	1856.450883	0	

~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
324	N324	-244.091278	0	1858.200883	0	
325	N325	-244.091278	-10.666667	1858.200883	0	
326	N326	-244.091278	0	1860.200883	0	
327	N327	-244.091278	-10.666667	1860.200883	0	
328	N328	-244.091278	0	1860.700883	0	
329	N329	-244.091278	-10.666667	1860.700883	0	
330	N330	-244.174612	0	1863.700883	0	
331	N331	-244.174612	-10.666667	1863.700883	0	
332	N332	-244.091278	0	1864.200883	0	
333	N333	-244.091278	-10.666667	1864.200883	0	
334	N334	-244.091278	0	1866.200883	0	
335	N335	-244.091278	-10.666667	1866.200883	0	
336	N336	-245.841278	0	1867.950883	0	
337	N337	-245.841278	-10.666667	1867.950883	0	
338	N338	-247.841278	0	1867.950883	0	
339	N339	-247.841278	-10.666667	1867.950883	0	
340	N340	-249.591278	-10.666667	1866.200883	0	
341	N341	-249.591278	-10.666667	1858.200883	0	
342	N342	-253.341278	-10.666667	1867.950883	0	
343	N343	-261.341278	-10.666667	1867.950883	0	
344	N344	-249.591278	0	1867.950883	0	
345	N345	-249.591278	-10.666667	1867.950883	0	
346	N346	-289.841278	-10.666667	1867.450883	0	
347	N347	-279.341278	-10.666667	1867.450883	0	
348	N348	-292.091278	-10.666667	1867.450883	0	
349	N349	-292.091278	0	1893.495919	0	
350	N350	-292.091278	-10.666667	1893.495919	0	
351	N351	-279.841278	0	1914.450883	0	
352	N352	-279.841278	-10.666667	1914.450883	0	
353	N353	-278.841278	0	1914.450883	0	
354	N354	-278.841278	-10.666667	1914.450883	0	
355	N355	-260.841278	0	1914.450883	0	
356	N356	-260.841278	-10.666667	1914.450883	0	
357	N357	-259.841278	0	1914.450883	0	
358	N358	-259.841278	-10.666667	1914.450883	0	
359	N359	-258.591278	0	1916.450883	0	
360	N360	-258.591278	-10.666667	1916.450883	0	
361	N361	-257.704724	0	1916.450883	0	
362	N362	-257.704724	-10.666667	1916.450883	0	
363	N363	-256.591278	0	1916.450883	0	
364	N364	-256.371391	0	1916.450883	0	
365	N365	-228.591278	-10.666667	1912.162586	0	
366	N366	-228.591278	0	1910.829252	0	
367	N367	-228.591278	-10.666667	1910.829252	0	
368	N368	-228.591278	0	1909.495919	0	
369	N369	-228.591278	-10.666667	1909.495919	0	
370	N370	-228.591278	-10.666667	1908.162586	0	
371	N371	-228.591278	0	1906.829252	0	
372	N372	-228.591278	-10.666667	1906.829252	0	
373	N373	-228.591278	0	1905.495919	0	
374	N374	-228.591278	-10.666667	1905.495919	0	
375	N375	-228.591278	-10.666667	1904.162586	0	



~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
376	N376	-228.591278	0	1902.829252	0	
377	N377	-228.591278	-10.666667	1902.829252	0	
378	N378	-228.591278	0	1901.495919	0	
379	N379	-228.591278	-10.666667	1901.495919	0	
380	N380	-228.591278	-10.666667	1900.162586	0	
381	N381	-228.591278	0	1898.829252	0	
382	N382	-228.591278	-10.666667	1898.829252	0	
383	N383	-228.591278	0	1897.495919	0	
384	N384	-228.591278	-10.666667	1897.495919	0	
385	N385	-228.591278	0	1896.162586	0	
386	N386	-228.591278	-10.666667	1896.162586	0	
387	N387	-228.591278	0	1894.829252	0	
388	N388	-228.591278	-10.666667	1894.829252	0	
389	N389	-228.591278	0	1893.495919	0	
390	N390	-228.591278	-10.666667	1893.495919	0	
391	N391	-228.591278	0	1892.162586	0	
392	N392	-228.591278	-10.666667	1892.162586	0	
393	N393	-228.591278	0	1890.829252	0	
394	N394	-228.591278	-10.666667	1890.829252	0	
395	N395	-228.591278	0	1889.495919	0	
396	N396	-228.591278	-10.666667	1889.495919	0	
397	N397	-228.591278	0	1888.162586	0	
398	N398	-228.591278	-10.666667	1888.162586	0	
399	N399	-228.591278	0	1887.115056	0	
400	N400	-228.591278	-10.666667	1887.115056	0	
401	N401	-228.591278	0	1872.448389	0	
402	N402	-228.591278	-10.666667	1872.448389	0	
403	N403	-228.591278	0	1871.115056	0	
404	N404	-228.591278	-10.666667	1871.115056	0	
405	N405	-228.591278	0	1864.448389	0	
406	N406	-228.591278	-10.666667	1864.448389	0	
407	N407	-228.591278	0	1863.115056	0	
408	N408	-228.591278	-10.666667	1863.115056	0	
409	N409	-228.591278	0	1859.115056	0	
410	N410	-228.591278	-10.666667	1859.115056	0	
411	N411	-228.591278	0	1857.781722	0	
412	N412	-228.591278	-10.666667	1857.781722	0	
413	N413	-244.091278	0	1857.781722	0	
414	N414	-244.091278	-10.666667	1857.781722	0	
415	N415	-244.091278	0	1867.115056	0	
416	N416	-244.091278	-10.666667	1867.115056	0	
417	N417	-249.591278	0	1857.781722	0	
418	N418	-249.591278	-10.666667	1857.781722	0	
419	N419	-247.091278	0	1888.162586	0	
420	N420	-247.091278	0	1889.495919	0	
421	N421	-247.091278	0	1890.829252	0	
422	N422	-259.174612	0	1888.162586	0	
423	N423	-259.174612	-10.666667	1888.162586	0	
424	N424	-259.174612	0	1889.495919	0	
425	N425	-259.174612	-10.666667	1889.495919	0	
426	N426	-259.174612	0	1890.829252	0	
427	N427	-259.174612	-10.666667	1890.829252	0	

~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
428	N428	-259.174612	0	1892.162586	0	
429	N429	-259.174612	0	1893.495919	0	
430	N430	-259.174612	0	1894.829252	0	
431	N431	-259.174612	0	1896.162586	0	
432	N432	-259.174612	0	1897.495919	0	
433	N433	-259.174612	0	1897.534216	0	
434	N434	-280.507945	0	1892.162586	0	
435	N435	-280.507945	-10.666667	1892.162586	0	
436	N436	-280.507945	0	1893.495919	0	
437	N437	-280.507945	-10.666667	1893.495919	0	
438	N438	-280.507945	0	1894.829252	0	
439	N439	-280.507945	-10.666667	1894.829252	0	
440	N440	-280.507945	0	1900.162586	0	
441	N441	-280.507945	-10.666667	1900.162586	0	
442	N442	-280.507945	0	1901.495919	0	
443	N443	-280.507945	-10.666667	1901.495919	0	
444	N444	-280.507945	0	1902.829252	0	
445	N445	-280.507945	-10.666667	1902.829252	0	
446	N446	-280.507945	0	1904.162586	0	
447	N447	-280.507945	-10.666667	1904.162586	0	
448	N448	-280.507945	0	1905.495919	0	
449	N449	-280.507945	-10.666667	1905.495919	0	
450	N450	-280.507945	0	1906.829252	0	
451	N451	-280.507945	-10.666667	1906.829252	0	
452	N452	-280.507945	0	1908.162586	0	
453	N453	-280.507945	-10.666667	1908.162586	0	
454	N454	-280.507945	0	1909.495919	0	
455	N455	-280.507945	-10.666667	1909.495919	0	
456	N456	-280.507945	0	1910.829252	0	
457	N457	-280.507945	-10.666667	1910.829252	0	
458	N458	-279.189448	0	1891.950883	0	
459	N459	-279.189448	-10.666667	1891.950883	0	
460	N460	-292.091278	0	1887.329252	0	
461	N461	-292.091278	-10.666667	1887.329252	0	
462	N462	-292.091278	0	1871.745919	0	
463	N463	-292.091278	-10.666667	1871.745919	0	
464	N464	-293.091278	0	1876.079252	0	
465	N465	-293.091278	-10.666667	1876.079252	0	
466	N466	-292.091278	0	1885.995919	0	
467	N467	-292.091278	-10.666667	1885.995919	0	
468	N468	-292.091278	0	1870.412586	0	
469	N469	-292.091278	-10.666667	1870.412586	0	
470	N470	-293.091278	0	1874.745919	0	
471	N471	-293.091278	-10.666667	1874.745919	0	
472	N472	-292.091278	0	1884.700883	0	
473	N473	-292.091278	-10.666667	1884.700883	0	
474	N474	-292.091278	0	1869.11755	0	
475	N475	-292.091278	-10.666667	1869.11755	0	
476	N476	-293.091278	0	1873.450883	0	
477	N477	-293.091278	-10.666667	1873.450883	0	
478	N478	-292.091278	0	1883.329252	0	
479	N479	-292.091278	-10.666667	1883.329252	0	



Company :  
 Designer :  
 Job Number :  
 Model Name :

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 Checked By: \_\_\_\_\_

~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
480	N480	-292.091278	0	1867.745919	0	
481	N481	-292.091278	-10.666667	1867.745919	0	
482	N482	-292.091278	0	1881.995919	0	
483	N483	-292.091278	-10.666667	1881.995919	0	
484	N484	-292.091278	0	1880.662586	0	
485	N485	-292.091278	-10.666667	1880.662586	0	
486	N486	-292.091278	0	1879.329252	0	
487	N487	-292.091278	-10.666667	1879.329252	0	
488	N488	-292.091278	0	1877.995919	0	
489	N489	-292.091278	-10.666667	1877.995919	0	
490	N490	-278.007945	-10.666667	1867.450883	0	
491	N491	-290.757945	0	1867.450883	0	
492	N492	-290.757945	-10.666667	1867.450883	0	
493	N493	-238.007945	0	1856.450883	0	
494	N494	-238.007945	-10.666667	1856.450883	0	
495	N495	-236.674612	0	1856.450883	0	
496	N496	-236.674612	-10.666667	1856.450883	0	
497	N497	-235.341278	0	1856.450883	0	
498	N498	-235.341278	-10.666667	1856.450883	0	
499	N499	-234.007945	0	1856.450883	0	
500	N500	-234.007945	-10.666667	1856.450883	0	
501	N501	-232.674612	0	1856.450883	0	
502	N502	-232.674612	-10.666667	1856.450883	0	
503	N503	-231.341278	0	1856.450883	0	
504	N504	-231.341278	-10.666667	1856.450883	0	
505	N505	-230.007945	0	1856.450883	0	
506	N506	-230.007945	-10.666667	1856.450883	0	
507	N507	-228.591278	0	1873.781722	0	
508	N508	-228.591278	-10.666667	1873.781722	0	
509	N509	-228.591278	0	1875.115056	0	
510	N510	-228.591278	-10.666667	1875.115056	0	
511	N511	-228.591278	0	1880.86755	0	
512	N512	-228.591278	-10.666667	1880.86755	0	
513	N513	-228.591278	0	1882.200883	0	
514	N514	-228.591278	-10.666667	1882.200883	0	
515	N515	-228.591278	0	1884.448389	0	
516	N516	-228.591278	-10.666667	1884.448389	0	
517	N517	-228.591278	0	1883.115056	0	
518	N518	-228.591278	-10.666667	1883.115056	0	
519	N519	-228.591278	-10.666667	1916.162586	0	
520	N520	-264.174612	0	1891.950883	0	
521	N521	-264.174612	-10.666667	1891.950883	0	
522	N522	-264.174612	0	1883.034216	0	
523	N523	-264.174612	-10.666667	1883.034216	0	
524	N524	-287.341278	-10.666667	1883.11755	0	
525	N525	-280.424612	0	1883.11755	0	
526	N526	-280.424612	-10.666667	1883.11755	0	
527	N527	-280.507945	0	1887.36755	0	
528	N528	-280.507945	-10.666667	1887.36755	0	
529	N529	-285.174612	0	1887.534216	0	
530	N530	-285.174612	-10.666667	1887.534216	0	
531	N531	-285.174612	0	1891.86755	0	



Company :  
 Designer :  
 Job Number :  
 Model Name :

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~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
532	N532	-285.174612	-10.666667	1891.86755	0	
533	N533	-278.257945	0	1891.950883	0	
534	N534	-278.257945	-10.666667	1891.950883	0	
535	N535	-259.174612	0	1891.950883	0	
536	N536	-259.174612	-10.666667	1891.950883	0	
537	N537	-259.174612	0	1887.36755	0	
538	N538	-259.174612	-10.666667	1887.36755	0	
539	N539	-251.591278	0	1887.36755	0	
540	N540	-251.591278	-10.666667	1887.36755	0	
541	N541	-247.091278	0	1887.36755	0	
542	N542	-247.091278	-10.666667	1887.36755	0	
543	N543	-249.591278	0	1883.034216	0	
544	N544	-249.591278	-10.666667	1883.034216	0	
545	N545	-247.091278	0	1891.950883	0	
546	N546	-230.591278	-10.666667	1916.450883	0	
547	N547	-229.091278	0	1916.450883	0	
548	N548	-229.091278	-10.666667	1916.450883	0	
549	N549	-229.091278	0	1936.164943	0	
550	N550	-276.341278	-10.666667	1860.700883	0	
551	N551	-276.341278	-10.666667	1867.450883	0	
552	N552	-277.091278	-10.666667	1869.950883	0	
553	N553	-264.174612	0	1867.86755	0	
554	N554	-264.174612	-10.666667	1867.86755	0	
555	N555	-264.174612	-10.666667	1869.950883	0	
556	N556	-263.341278	-10.666667	1860.700883	0	
557	N557	-249.591278	-10.666667	1867.450883	0	
558	N558	-247.091278	-10.666667	1856.450883	0	
559	N559	-228.641934	0	1875.534216	0	
560	N560	-231.091278	0	1916.450883	0	
561	N561	-261.341278	10	1859.700883	0	
562	N562	-278.341278	10	1859.700883	0	
563	N563	-228.507945	10	1862.36755	0	
564	N564	-247.091278	10	1867.950883	0	
565	N565	-247.091278	10	1904.162586	0	
566	N566	-227.341278	10	1904.162586	0	
567	N567	-247.091278	10	1911.450883	0	
568	N568	-293.341278	10	1866.145327	0	
569	N569	-293.341278	10	1878.605921	0	
570	N570	-279.496029	10	1880.605921	0	
571	N571	-293.341278	10	1880.605921	0	
572	N572	-283.325816	10	1876.605921	0	
573	N573	-293.341278	10	1876.605921	0	
574	N574	-285.24071	10	1874.605921	0	
575	N575	-293.341278	10	1874.605921	0	
576	N576	-287.155603	10	1872.605921	0	
577	N577	-293.341278	10	1872.605921	0	
578	N578	-289.070497	10	1870.605921	0	
579	N579	-293.341278	10	1870.605921	0	
580	N580	-290.985391	10	1868.605921	0	
581	N581	-293.341278	10	1868.605921	0	
582	N582	-283.410922	10	1876.517033	0	
583	N583	-283.410922	10	1866.200883	0	

~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
584	N584	-285.410922	10	1874.428144	0	
585	N585	-285.410922	10	1866.200883	0	
586	N586	-287.410922	10	1872.339255	0	
587	N587	-287.410922	10	1866.200883	0	
588	N588	-289.410922	10	1870.250366	0	
589	N589	-289.410922	10	1866.200883	0	
590	N590	-291.410922	10	1868.161477	0	
591	N591	-291.410922	10	1866.200883	0	
592	N592	-281.410922	10	1878.605921	0	
593	N593	-281.410922	10	1866.200883	0	
594	N594	-279.410922	10	1880.69481	0	
595	N595	-279.410922	10	1866.200883	0	
596	N596	-265.007945	10	1867.450883	0	
597	N597	-265.007945	10	1916.700883	0	
598	N598	-276.341278	10	1859.700883	0	
599	N599	-263.341278	10	1859.700883	0	
600	N600	-261.341278	10	1863.474294	0	
601	N601	-278.341278	10	1863.474294	0	
602	N602	-261.341278	10	1861.474294	0	
603	N603	-278.341278	10	1861.474294	0	
604	N604	-261.341278	10	1865.474294	0	
605	N605	-278.341278	10	1865.474294	0	
606	N606	-284.108871	10	1881.86755	0	
607	N607	-284.108871	10	1909.200883	0	
608	N608	-286.108871	10	1881.86755	0	
609	N609	-286.108871	10	1909.200883	0	
610	N610	-282.108871	10	1881.86755	0	
611	N611	-282.108871	10	1909.200883	0	
612	N612	-256.656298	10	1913.200883	0	
613	N613	-256.656298	10	1866.933604	0	
614	N614	-258.656298	10	1911.450883	0	
615	N615	-258.656298	10	1866.923187	0	
616	N616	-260.656298	10	1915.700883	0	
617	N617	-260.656298	10	1866.91277	0	
618	N618	-262.656298	10	1915.700883	0	
619	N619	-262.656298	10	1866.902354	0	
620	N620	-254.656298	10	1913.200883	0	
621	N621	-254.656298	10	1866.94402	0	
622	N622	-252.656298	10	1913.200883	0	
623	N623	-252.656298	10	1866.954437	0	
624	N624	-250.656298	10	1913.200883	0	
625	N625	-250.656298	10	1866.964854	0	
626	N626	-248.656298	10	1913.200883	0	
627	N627	-280.507945	10	1900.36755	0	
628	N628	-274.674612	10	1900.36755	0	
629	N629	-274.674612	10	1916.700883	0	
630	N630	-265.007945	10	1908.700883	0	
631	N631	-265.007945	10	1910.700883	0	
632	N632	-265.007945	10	1912.700883	0	
633	N633	-287.341278	10	1900.414198	0	
634	N634	-293.341278	10	1900.414198	0	
635	N635	-287.341278	10	1898.414198	0	

~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
636	N636	-293.341278	10	1898.414198	0	
637	N637	-287.341278	10	1907.950883	0	
638	N638	-277.091278	10	1883.11755	0	
639	N639	-277.091278	10	1900.36755	0	
640	N640	-279.091278	10	1881.86755	0	
641	N641	-279.091278	10	1900.36755	0	
642	N642	-281.841278	10	1908.700883	0	
643	N643	-274.674612	10	1908.700883	0	
644	N644	-277.091278	10	1887.427183	0	
645	N645	-265.007945	10	1887.427183	0	
646	N646	-247.091278	10	1897.200883	0	
647	N647	-235.165637	10	1897.200883	0	
648	N648	-235.165637	10	1867.950883	0	
649	N649	-227.341278	10	1867.950883	0	
650	N650	-250.841278	10	1865.950883	0	
651	N651	-227.341278	10	1865.950883	0	
652	N652	-235.165637	10	1889.571679	0	
653	N653	-227.341278	10	1889.571679	0	
654	N654	-241.023566	10	1897.200883	0	
655	N655	-241.023566	10	1867.950883	0	
656	N656	-278.304403	10	1877.368561	0	
657	N657	-265.007945	10	1877.368561	0	
658	N658	-278.304403	10	1879.368561	0	
659	N659	-265.007945	10	1879.368561	0	
660	N660	-278.304403	10	1875.368561	0	
661	N661	-265.007945	10	1875.368561	0	
662	N662	-281.841278	10	1910.700883	0	
663	N663	-274.674612	10	1910.700883	0	
664	N664	-281.841278	10	1912.700883	0	
665	N665	-274.674612	10	1912.700883	0	
666	N666	-265.007945	10	1906.700883	0	
667	N667	-280.424612	10	1906.700883	0	
668	N668	-274.674612	10	1906.700883	0	
669	N669	-265.007945	10	1904.700883	0	
670	N670	-280.507945	10	1904.700883	0	
671	N671	-274.674612	10	1904.700883	0	
672	N672	-265.007945	10	1902.700883	0	
673	N673	-280.507945	10	1902.700883	0	
674	N674	-274.674612	10	1902.700883	0	
675	N675	-265.007945	10	1900.700883	0	
676	N676	-280.507945	10	1900.700883	0	
677	N677	-274.674612	10	1900.700883	0	
678	N678	-235.165637	10	1891.571679	0	
679	N679	-227.341278	10	1891.571679	0	
680	N680	-235.165637	10	1893.571679	0	
681	N681	-227.341278	10	1893.571679	0	
682	N682	-235.165637	10	1895.571679	0	
683	N683	-227.341278	10	1895.571679	0	
684	N684	-235.165637	10	1887.571679	0	
685	N685	-227.341278	10	1887.571679	0	
686	N686	-235.165637	10	1885.571679	0	
687	N687	-227.341278	10	1885.571679	0	

~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
688	N688	-235.165637	10	1883.571679	0	
689	N689	-227.341278	10	1883.571679	0	
690	N690	-235.165637	10	1881.571679	0	
691	N691	-227.341278	10	1881.571679	0	
692	N692	-235.165637	10	1879.571679	0	
693	N693	-227.341278	10	1879.571679	0	
694	N694	-235.165637	10	1877.571679	0	
695	N695	-227.341278	10	1877.571679	0	
696	N696	-235.165637	10	1875.571679	0	
697	N697	-227.341278	10	1875.571679	0	
698	N698	-235.165637	10	1873.571679	0	
699	N699	-227.341278	10	1873.571679	0	
700	N700	-235.165637	10	1871.571679	0	
701	N701	-227.341278	10	1871.571679	0	
702	N702	-235.165637	10	1869.571679	0	
703	N703	-227.341278	10	1869.571679	0	
704	N704	-239.023566	10	1897.200883	0	
705	N705	-239.023566	10	1867.950883	0	
706	N706	-237.023566	10	1897.200883	0	
707	N707	-237.023566	10	1867.950883	0	
708	N708	-243.023566	10	1897.200883	0	
709	N709	-243.023566	10	1867.950883	0	
710	N710	-245.023566	10	1897.200883	0	
711	N711	-245.023566	10	1867.950883	0	
712	N712	-247.091278	10	1902.162586	0	
713	N713	-227.341278	10	1902.162586	0	
714	N714	-247.091278	10	1900.162586	0	
715	N715	-227.341278	10	1900.162586	0	
716	N716	-247.091278	10	1898.162586	0	
717	N717	-227.341278	10	1898.162586	0	
718	N718	-247.091278	10	1906.162586	0	
719	N719	-227.341278	10	1906.162586	0	
720	N720	-247.091278	10	1908.162586	0	
721	N721	-227.341278	10	1908.162586	0	
722	N722	-247.091278	10	1910.162586	0	
723	N723	-227.341278	10	1910.162586	0	
724	N724	-247.091278	10	1912.162586	0	
725	N725	-227.341278	10	1912.162586	0	
726	N726	-248.562315	10	1914.162586	0	
727	N727	-227.341278	10	1914.162586	0	
728	N728	-287.341278	10	1896.414198	0	
729	N729	-293.341278	10	1896.414198	0	
730	N730	-287.341278	10	1894.414198	0	
731	N731	-293.341278	10	1894.414198	0	
732	N732	-287.341278	10	1892.414198	0	
733	N733	-293.341278	10	1892.414198	0	
734	N734	-287.341278	10	1890.414198	0	
735	N735	-293.341278	10	1890.414198	0	
736	N736	-287.341278	10	1888.414198	0	
737	N737	-293.341278	10	1888.414198	0	
738	N738	-287.341278	10	1886.414198	0	
739	N739	-293.341278	10	1886.414198	0	



Company :  
 Designer :  
 Job Number :  
 Model Name :

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~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
740	N740	-287.341278	10	1884.414198	0	
741	N741	-293.341278	10	1884.414198	0	
742	N742	-287.341278	10	1902.414198	0	
743	N743	-293.341278	10	1902.414198	0	
744	N744	-287.341278	10	1904.414198	0	
745	N745	-293.341278	10	1904.414198	0	
746	N746	-287.341278	10	1906.414198	0	
747	N747	-293.341278	10	1906.414198	0	
748	N748	-277.091278	10	1885.427183	0	
749	N749	-265.007945	10	1885.427183	0	
750	N750	-277.091278	10	1883.427183	0	
751	N751	-265.007945	10	1883.427183	0	
752	N752	-278.304403	10	1873.368561	0	
753	N753	-265.007945	10	1873.368561	0	
754	N754	-277.091278	10	1881.427183	0	
755	N755	-265.007945	10	1881.427183	0	
756	N756	-278.304403	10	1871.368561	0	
757	N757	-265.007945	10	1871.368561	0	
758	N758	-277.091278	10	1889.427183	0	
759	N759	-265.007945	10	1889.427183	0	
760	N760	-277.091278	10	1891.427183	0	
761	N761	-265.007945	10	1891.427183	0	
762	N762	-277.091278	10	1893.427183	0	
763	N763	-265.007945	10	1893.427183	0	
764	N764	-277.091278	10	1895.427183	0	
765	N765	-265.007945	10	1895.427183	0	
766	N766	-277.091278	10	1897.427183	0	
767	N767	-265.007945	10	1897.427183	0	
768	N768	-277.091278	10	1899.427183	0	
769	N769	-265.007945	10	1899.427183	0	
770	N770	-250.841278	10	1863.950883	0	
771	N771	-227.341278	10	1863.950883	0	
772	N772	-250.841278	10	1861.950883	0	
773	N773	-227.341278	10	1861.950883	0	
774	N774	-250.841278	10	1859.950883	0	
775	N775	-227.341278	10	1859.950883	0	
776	N776	-250.841278	10	1857.950883	0	
777	N777	-227.341278	10	1857.950883	0	
778	N778	-244.091278	10	1867.950883	0	
779	N779	-245.841278	10	1867.950883	0	
780	N780	-278.304403	10	1869.368561	0	
781	N781	-265.007945	10	1869.368561	0	
782	N782	-280.424612	10	1907.950883	0	
783	N783	-247.091278	10	1916.450883	0	
784	N784	-247.841278	10	1867.950883	0	
785	N785	-263.341278	10	1867.950883	0	
786	N786	-292.091278	10	1907.950883	0	
787	N787	-292.091278	0	1907.950883	0	
788	N788	-292.091278	10	1894.61755	0	
789	N789	-292.091278	0	1894.61755	0	
790	N790	-292.091278	10	1892.61755	0	
791	N791	-292.091278	0	1892.61755	0	



~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
792	N792	-292.091278	10	1890.700883	0	
793	N793	-292.091278	0	1890.700883	0	
794	N794	-292.091278	10	1877.11755	0	
795	N795	-292.091278	0	1877.11755	0	
796	N796	-292.091278	10	1873.450883	0	
797	N797	-292.091278	0	1873.450883	0	
798	N798	-289.841278	10	1867.450883	0	
799	N799	-289.841278	0	1867.450883	0	
800	N800	-279.341278	10	1867.450883	0	
801	N801	-279.341278	0	1867.450883	0	
802	N802	-290.757945	10	1907.950883	0	
803	N803	-290.757945	0	1907.950883	0	
804	N804	-281.757945	10	1907.950883	0	
805	N805	-281.757945	0	1907.950883	0	
806	N806	-280.507945	10	1914.450883	0	
807	N807	-249.591278	10	1858.200883	0	
808	N808	-249.591278	0	1858.200883	0	
809	N809	-249.591278	10	1866.200883	0	
810	N810	-249.591278	0	1866.200883	0	
811	N811	-242.674612	10	1856.450883	0	
812	N812	-242.674612	0	1856.450883	0	
813	N813	-240.007945	10	1856.450883	0	
814	N814	-240.007945	0	1856.450883	0	
815	N815	-228.591278	10	1856.450883	0	
816	N816	-228.591278	0	1856.450883	0	
817	N817	-249.591278	10	1856.450883	0	
818	N818	-249.591278	0	1856.450883	0	
819	N819	-292.091278	10	1867.450883	0	
820	N820	-292.091278	0	1867.450883	0	
821	N821	-292.091278	10	1906.414198	0	
822	N822	-292.091278	0	1906.414198	0	
823	N823	-292.091278	10	1904.414198	0	
824	N824	-292.091278	0	1904.414198	0	
825	N825	-292.091278	10	1902.414198	0	
826	N826	-292.091278	0	1902.414198	0	
827	N827	-292.091278	10	1900.414198	0	
828	N828	-292.091278	0	1900.414198	0	
829	N829	-292.091278	10	1898.414198	0	
830	N830	-292.091278	0	1898.414198	0	
831	N831	-292.091278	10	1896.414198	0	
832	N832	-292.091278	0	1896.414198	0	
833	N833	-292.091278	10	1888.700883	0	
834	N834	-292.091278	0	1888.700883	0	
835	N835	-292.091278	10	1888.414198	0	
836	N836	-292.091278	0	1888.414198	0	
837	N837	-292.091278	10	1886.414198	0	
838	N838	-292.091278	0	1886.414198	0	
839	N839	-292.091278	10	1884.414198	0	
840	N840	-292.091278	0	1884.414198	0	
841	N841	-292.091278	10	1880.605921	0	
842	N842	-292.091278	0	1880.605921	0	
843	N843	-292.091278	10	1878.605921	0	

~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
844	N844	-292.091278	0	1878.605921	0	
845	N845	-292.091278	10	1872.605921	0	
846	N846	-292.091278	0	1872.605921	0	
847	N847	-292.091278	10	1870.605921	0	
848	N848	-292.091278	0	1870.605921	0	
849	N849	-292.091278	10	1868.883482	0	
850	N850	-292.091278	0	1868.883482	0	
851	N851	-291.410922	10	1867.450883	0	
852	N852	-291.410922	0	1867.450883	0	
853	N853	-292.091278	10	1882.414198	0	
854	N854	-292.091278	0	1882.414198	0	
855	N855	-280.507945	10	1908.700883	0	
856	N856	-280.507945	0	1908.700883	0	
857	N857	-280.507945	10	1910.700883	0	
858	N858	-280.507945	0	1910.700883	0	
859	N859	-280.507945	10	1912.700883	0	
860	N860	-280.507945	0	1912.700883	0	
861	N861	-278.341278	10	1914.450883	0	
862	N862	-278.341278	0	1914.450883	0	
863	N863	-274.674612	10	1911.950883	0	
864	N864	-274.674612	0	1911.950883	0	
865	N865	-265.007945	10	1911.950883	0	
866	N866	-265.007945	0	1911.950883	0	
867	N867	-265.007945	10	1900.36755	0	
868	N868	-265.007945	0	1900.36755	0	
869	N869	-287.341278	10	1883.11755	0	
870	N870	-287.341278	0	1883.11755	0	
871	N871	-280.507945	10	1883.11755	0	
872	N872	-280.507945	0	1883.11755	0	
873	N873	-276.341278	10	1867.450883	0	
874	N874	-276.341278	0	1867.450883	0	
875	N875	-277.091278	10	1869.950883	0	
876	N876	-277.091278	0	1869.950883	0	
877	N877	-263.341278	10	1867.450883	0	
878	N878	-263.341278	0	1867.450883	0	
879	N879	-264.174612	10	1869.950883	0	
880	N880	-264.174612	0	1869.950883	0	
881	N881	-249.591278	10	1867.450883	0	
882	N882	-249.591278	0	1867.450883	0	
883	N883	-247.091278	10	1856.450883	0	
884	N884	-247.091278	0	1856.450883	0	
885	N885	-259.174612	10	1911.450883	0	
886	N886	-247.091278	10	1915.450883	0	
887	N887	-247.091278	0	1915.450883	0	
888	N888	-245.091278	10	1916.450883	0	
889	N889	-245.091278	0	1916.450883	0	
890	N890	-230.591278	10	1916.450883	0	
891	N891	-230.591278	0	1916.450883	0	
892	N892	-228.591278	10	1897.200883	0	
893	N893	-228.591278	0	1897.200883	0	
894	N894	-286.108871	10	1883.11755	0	
895	N895	-286.108871	0	1883.11755	0	

~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
896	N896	-284.108871	10	1883.11755	0	
897	N897	-284.108871	0	1883.11755	0	
898	N898	-282.108871	10	1883.11755	0	
899	N899	-282.108871	0	1883.11755	0	
900	N900	-278.007945	10	1867.450883	0	
901	N901	-278.007945	0	1867.450883	0	
902	N902	-248.257945	10	1856.450883	0	
903	N903	-248.257945	0	1856.450883	0	
904	N904	-276.674612	10	1867.450883	0	
905	N905	-276.674612	0	1867.450883	0	
906	N906	-277.091278	10	1869.368561	0	
907	N907	-277.091278	0	1869.368561	0	
908	N908	-277.091278	10	1867.450883	0	
909	N909	-277.091278	0	1867.450883	0	
910	N910	-276.341278	10	1860.700883	0	
911	N911	-276.341278	0	1860.700883	0	
912	N912	-263.341278	10	1860.700883	0	
913	N913	-263.341278	0	1860.700883	0	
914	N914	-262.656298	10	1867.950883	0	
915	N915	-262.656298	0	1867.950883	0	
916	N916	-261.341278	10	1867.950883	0	
917	N917	-261.341278	0	1867.950883	0	
918	N918	-253.341278	10	1867.950883	0	
919	N919	-253.341278	0	1867.950883	0	
920	N920	-252.656298	10	1867.950883	0	
921	N921	-252.656298	0	1867.950883	0	
922	N922	-250.656298	10	1867.950883	0	
923	N923	-250.656298	0	1867.950883	0	
924	N924	-238.674612	10	1856.450883	0	
925	N925	-238.674612	0	1856.450883	0	
926	N926	-237.341278	10	1856.450883	0	
927	N927	-237.341278	0	1856.450883	0	
928	N928	-236.007945	10	1856.450883	0	
929	N929	-236.007945	0	1856.450883	0	
930	N930	-234.674612	10	1856.450883	0	
931	N931	-234.674612	0	1856.450883	0	
932	N932	-233.341278	10	1856.450883	0	
933	N933	-233.341278	0	1856.450883	0	
934	N934	-232.007945	10	1856.450883	0	
935	N935	-232.007945	0	1856.450883	0	
936	N936	-230.674612	10	1856.450883	0	
937	N937	-230.674612	0	1856.450883	0	
938	N938	-229.341278	10	1856.450883	0	
939	N939	-229.341278	0	1856.450883	0	
940	N940	-249.591278	10	1857.950883	0	
941	N941	-249.591278	0	1857.950883	0	
942	N942	-228.591278	10	1857.950883	0	
943	N943	-228.591278	0	1857.950883	0	
944	N944	-228.591278	10	1859.950883	0	
945	N945	-228.591278	0	1859.950883	0	
946	N946	-228.591278	10	1860.36755	0	
947	N947	-228.591278	0	1860.36755	0	



Company :  
 Designer :  
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~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
948	N948	-228.591278	10	1862.36755	0	
949	N949	-228.591278	0	1862.36755	0	
950	N950	-228.591278	10	1863.950883	0	
951	N951	-228.591278	0	1863.950883	0	
952	N952	-228.591278	10	1865.784216	0	
953	N953	-228.591278	0	1865.784216	0	
954	N954	-228.591278	10	1869.784216	0	
955	N955	-228.591278	0	1869.784216	0	
956	N956	-228.591278	10	1871.571679	0	
957	N957	-228.591278	0	1871.571679	0	
958	N958	-228.591278	10	1881.571679	0	
959	N959	-228.591278	0	1881.571679	0	
960	N960	-228.591278	10	1883.571679	0	
961	N961	-228.591278	0	1883.571679	0	
962	N962	-228.591278	10	1884.61755	0	
963	N963	-228.591278	0	1884.61755	0	
964	N964	-228.591278	10	1886.61755	0	
965	N965	-228.591278	0	1886.61755	0	
966	N966	-228.591278	10	1887.571679	0	
967	N967	-228.591278	0	1887.571679	0	
968	N968	-228.591278	10	1889.571679	0	
969	N969	-228.591278	0	1889.571679	0	
970	N970	-228.591278	10	1879.571679	0	
971	N971	-228.591278	0	1879.571679	0	
972	N972	-228.591278	10	1879.534216	0	
973	N973	-228.591278	0	1879.534216	0	
974	N974	-228.591278	10	1875.534216	0	
975	N975	-228.591278	0	1875.534216	0	
976	N976	-228.591278	10	1873.571679	0	
977	N977	-228.591278	0	1873.571679	0	
978	N978	-228.591278	10	1893.571679	0	
979	N979	-228.591278	0	1893.571679	0	
980	N980	-228.591278	10	1891.571679	0	
981	N981	-228.591278	0	1891.571679	0	
982	N982	-228.591278	10	1895.571679	0	
983	N983	-228.591278	0	1895.571679	0	
984	N984	-228.591278	10	1898.162586	0	
985	N985	-228.591278	0	1898.162586	0	
986	N986	-228.591278	10	1900.162586	0	
987	N987	-228.591278	0	1900.162586	0	
988	N988	-228.591278	10	1902.162586	0	
989	N989	-228.591278	0	1902.162586	0	
990	N990	-228.591278	10	1904.162586	0	
991	N991	-228.591278	0	1904.162586	0	
992	N992	-228.591278	10	1906.162586	0	
993	N993	-228.591278	0	1906.162586	0	
994	N994	-228.591278	10	1908.162586	0	
995	N995	-228.591278	0	1908.162586	0	
996	N996	-228.591278	10	1912.950883	0	
997	N997	-228.591278	0	1912.950883	0	
998	N998	-228.591278	10	1914.950883	0	
999	N999	-228.591278	0	1914.950883	0	



Company :  
 Designer :  
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~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1000	N1000	-228.591278	10	1916.162586	0	
1001	N1001	-228.591278	0	1916.162586	0	
1002	N1002	-228.591278	10	1916.450883	0	
1003	N1003	-228.591278	0	1916.450883	0	
1004	N1004	-228.591278	10	1912.162586	0	
1005	N1005	-228.591278	0	1912.162586	0	
1006	N1006	-228.591278	10	1910.162586	0	
1007	N1007	-228.591278	0	1910.162586	0	
1008	N1008	-261.341278	10	1914.450883	0	
1009	N1009	-261.341278	0	1914.450883	0	
1010	N1010	-259.174612	10	1914.450883	0	
1011	N1011	-260.656298	10	1914.450883	0	
1012	N1012	-260.656298	0	1914.450883	0	
1013	N1013	-269.841278	0	1914.450883	0	
1014	N1014	-268.841278	0	1914.450883	0	
1015	N1015	-267.841278	0	1914.450883	0	
1016	N1016	-266.841278	0	1914.450883	0	
1017	N1017	-265.841278	0	1914.450883	0	
1018	N1018	-264.841278	0	1914.450883	0	
1019	N1019	-270.841278	0	1914.450883	0	
1020	N1020	-271.841278	0	1914.450883	0	
1021	N1021	-272.841278	0	1914.450883	0	
1022	N1022	-273.841278	0	1914.450883	0	
1023	N1023	-274.841278	0	1914.450883	0	
1024	N1024	-247.091278	10	1914.162586	0	
1025	N1025	-265.007945	10	1914.450883	0	
1026	N1026	-262.656298	10	1914.450883	0	
1027	N1027	-274.674612	10	1914.450883	0	
1028	N1028	-292.091278	10	1876.605921	0	
1029	N1029	-292.091278	10	1874.605921	0	
1030	N1030	-292.091278	10	1868.605921	0	
1031	N1031	-292.091278	10	1894.414198	0	
1032	N1032	-292.091278	10	1892.414198	0	
1033	N1033	-292.091278	10	1890.414198	0	
1034	N1034	-228.591278	10	1914.162586	0	
1035	N1035	-256.656298	10	1911.450883	0	
1036	N1036	-254.656298	10	1911.450883	0	
1037	N1037	-252.656298	10	1911.450883	0	
1038	N1038	-250.656298	10	1911.450883	0	
1039	N1039	-248.656298	10	1911.450883	0	
1040	N1040	-277.091278	10	1877.368561	0	
1041	N1041	-277.091278	10	1879.368561	0	
1042	N1042	-277.091278	10	1875.368561	0	
1043	N1043	-277.091278	10	1873.368561	0	
1044	N1044	-277.091278	10	1871.368561	0	
1045	N1045	-279.091278	10	1883.11755	0	
1046	N1046	-281.410922	10	1867.450883	0	
1047	N1047	-283.410922	10	1867.450883	0	
1048	N1048	-285.410922	10	1867.450883	0	
1049	N1049	-287.410922	10	1867.450883	0	
1050	N1050	-289.410922	10	1867.450883	0	
1051	N1051	-279.410922	10	1867.450883	0	



Company :  
 Designer :  
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~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1052	N1052	-276.341278	10	1863.474294	0	
1053	N1053	-276.341278	10	1861.474294	0	
1054	N1054	-276.341278	10	1865.474294	0	
1055	N1055	-263.341278	10	1863.474294	0	
1056	N1056	-263.341278	10	1861.474294	0	
1057	N1057	-263.341278	10	1865.474294	0	
1058	N1058	-284.108871	10	1907.950883	0	
1059	N1059	-286.108871	10	1907.950883	0	
1060	N1060	-282.108871	10	1907.950883	0	
1061	N1061	-256.656298	10	1867.950883	0	
1062	N1062	-258.656298	10	1867.950883	0	
1063	N1063	-260.656298	10	1867.950883	0	
1064	N1064	-254.656298	10	1867.950883	0	
1065	N1065	-228.591278	10	1867.950883	0	
1066	N1066	-228.591278	10	1865.950883	0	
1067	N1067	-249.591278	10	1865.950883	0	
1068	N1068	-228.591278	10	1869.571679	0	
1069	N1069	-228.591278	10	1885.571679	0	
1070	N1070	-228.591278	10	1877.571679	0	
1071	N1071	-228.591278	10	1875.571679	0	
1072	N1072	-249.591278	10	1863.950883	0	
1073	N1073	-249.591278	10	1861.950883	0	
1074	N1074	-249.591278	10	1859.950883	0	
1075	N1075	-228.591278	10	1861.950883	0	
1076	N1076	-248.656298	10	1867.950883	0	
1077	N1077	-280.507945	10	1907.950883	0	
1078	N1078	-244.091278	0	1860.86755	0	
1079	N1079	-259.091278	-10.666667	1911.450883	0	
1080	N1080	-228.591278	-10.666667	1916.450883	0	
1081	N1081	-239.341278	-10.666667	1885.781722	0	
1082	N1082	-239.341278	-10.666667	1884.448389	0	
1083	N1083	-239.341278	-10.666667	1883.115056	0	
1084	N1084	-239.341278	-10.666667	1877.781722	0	
1085	N1085	-239.341278	-10.666667	1873.781722	0	
1086	N1086	-239.341278	-10.666667	1872.448389	0	
1087	N1087	-239.341278	-10.666667	1871.115056	0	
1088	N1088	-239.341278	-10.666667	1869.781722	0	
1089	N1089	-239.341278	-10.666667	1868.448389	0	
1090	N1090	-239.341278	-10.666667	1865.781722	0	
1091	N1091	-239.341278	-10.666667	1867.115056	0	
1092	N1092	-239.341278	-10.666667	1864.448389	0	
1093	N1093	-239.341278	-10.666667	1863.115056	0	
1094	N1094	-239.341278	-10.666667	1861.781722	0	
1095	N1095	-239.341278	-10.666667	1860.448389	0	
1096	N1096	-239.341278	-10.666667	1859.115056	0	
1097	N1097	-239.341278	-10.666667	1857.781722	0	
1098	N1098	-239.341278	-10.666667	1864.86755	0	
1099	N1099	-239.341278	-10.666667	1865.450883	0	
1100	N1100	-239.341278	-10.666667	1868.11755	0	
1101	N1101	-239.341278	-10.666667	1874.200883	0	
1102	N1102	-239.341278	-10.666667	1876.534216	0	
1103	N1103	-239.341278	-10.666667	1881.700883	0	



Company :  
 Designer :  
 Job Number :  
 Model Name :

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~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1104	N1104	-239.341278	-10.666667	1887.534216	0	
1105	N1105	-231.091278	-10.666667	1916.450883	0	
1106	N1106	-247.091278	-10.666667	1888.162586	0	
1107	N1107	-247.091278	-10.666667	1889.495919	0	
1108	N1108	-247.091278	-10.666667	1890.829252	0	
1109	N1109	-247.091278	-10.666667	1891.950883	0	
1110	N1110	-254.251278	-10.666667	1873.36755	0	
1111	N1111	-260.251278	-10.666667	1873.36755	0	
1112	N1112	-247.091278	-10.666667	1911.450883	0	
1113	N1113	-244.091278	-10.666667	1883.077594	0	
1114	N1114	-264.174612	-10.666667	1873.36755	0	
1115	N1115	-249.591278	-10.666667	1873.36755	0	
1116	N1116	-259.174612	-10.666667	1873.36755	0	
1117	N1117	-248.421278	-10.666667	1891.950883	0	
1118	N1118	-248.421278	-10.666667	1911.450883	0	
1119	N1119	-249.751278	-10.666667	1891.950883	0	
1120	N1120	-249.751278	-10.666667	1911.450883	0	
1121	N1121	-251.081278	-10.666667	1891.950883	0	
1122	N1122	-251.081278	-10.666667	1911.450883	0	
1123	N1123	-252.411278	-10.666667	1891.950883	0	
1124	N1124	-252.411278	-10.666667	1911.450883	0	
1125	N1125	-253.741278	-10.666667	1891.950883	0	
1126	N1126	-253.741278	-10.666667	1911.450883	0	
1127	N1127	-255.071278	-10.666667	1891.950883	0	
1128	N1128	-255.071278	-10.666667	1911.450883	0	
1129	N1129	-256.401278	-10.666667	1891.950883	0	
1130	N1130	-256.401278	-10.666667	1911.450883	0	
1131	N1131	-257.731278	-10.666667	1891.950883	0	
1132	N1132	-257.731278	-10.666667	1911.450883	0	
1133	N1133	-260.391278	-10.666667	1891.950883	0	
1134	N1134	-260.391278	-10.666667	1914.450883	0	
1135	N1135	-261.721278	-10.666667	1891.950883	0	
1136	N1136	-261.721278	-10.666667	1914.450883	0	
1137	N1137	-263.051278	-10.666667	1891.950883	0	
1138	N1138	-263.051278	-10.666667	1914.450883	0	
1139	N1139	-264.381278	-10.666667	1891.950883	0	
1140	N1140	-264.381278	-10.666667	1914.450883	0	
1141	N1141	-257.731278	-10.666667	1873.36755	0	
1142	N1142	-260.391278	-10.666667	1873.36755	0	
1143	N1143	-261.721278	-10.666667	1873.36755	0	
1144	N1144	-263.051278	-10.666667	1873.36755	0	
1145	N1145	-256.401278	-10.666667	1873.36755	0	
1146	N1146	-255.071278	-10.666667	1873.36755	0	
1147	N1147	-253.741278	-10.666667	1873.36755	0	
1148	N1148	-252.411278	-10.666667	1873.36755	0	
1149	N1149	-251.081278	-10.666667	1873.36755	0	
1150	N1150	-251.081278	-10.666667	1887.36755	0	
1151	N1151	-249.751278	-10.666667	1887.36755	0	
1152	N1152	-248.421278	-10.666667	1887.36755	0	
1153	N1153	-250.112112	-10.661667	1891.950883	0	
1154	N1154	-229.091278	0	1931.914943	0	
1155	N1155	-254.591278	0	1931.914943	0	



Company :  
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~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1156	N1156	-256.591278	0	1931.914943	0	
1157	N1157	-265.344612	-10.666667	1891.950883	0	
1158	N1158	-275.504612	0	1891.950883	0	
1159	N1159	-275.504612	-10.666667	1891.950883	0	
1160	N1160	-274.334612	-10.666667	1891.950883	0	
1161	N1161	-265.344612	-19.666667	1891.950883	0	
1162	N1162	-274.334612	-19.666667	1891.950883	0	
1163	N1163	-280.504612	-10.666667	1891.950883	0	
1164	N1164	-280.504612	-19.666667	1891.950883	0	
1165	N1165	-265.711278	-10.666667	1891.950883	0	
1166	N1166	-265.711278	-10.666667	1914.450883	0	
1167	N1167	-267.041278	-10.666667	1891.950883	0	
1168	N1168	-267.041278	-10.666667	1914.450883	0	
1169	N1169	-268.371278	-10.666667	1891.950883	0	
1170	N1170	-268.371278	-10.666667	1914.450883	0	
1171	N1171	-269.701278	-10.666667	1891.950883	0	
1172	N1172	-269.701278	-10.666667	1914.450883	0	
1173	N1173	-271.031278	-10.666667	1891.950883	0	
1174	N1174	-271.031278	-10.666667	1914.450883	0	
1175	N1175	-272.361278	-10.666667	1891.950883	0	
1176	N1176	-272.361278	-10.666667	1914.450883	0	
1177	N1177	-273.691278	-10.666667	1891.950883	0	
1178	N1178	-273.691278	-10.666667	1914.450883	0	
1179	N1179	-275.021278	-10.666667	1891.950883	0	
1180	N1180	-275.021278	-10.666667	1914.450883	0	
1181	N1181	-276.351278	-10.666667	1891.950883	0	
1182	N1182	-276.351278	-10.666667	1914.450883	0	
1183	N1183	-277.681278	-10.666667	1891.950883	0	
1184	N1184	-277.681278	-10.666667	1914.450883	0	
1185	N1185	-279.011278	-10.666667	1891.950883	0	
1186	N1186	-279.011278	-10.666667	1914.450883	0	
1187	N1187	-265.711278	-10.666667	1867.814924	0	
1188	N1188	-267.041278	-10.666667	1867.814924	0	
1189	N1189	-268.371278	-10.666667	1867.814924	0	
1190	N1190	-269.701278	-10.666667	1867.814924	0	
1191	N1191	-271.031278	-10.666667	1867.814924	0	
1192	N1192	-272.361278	-10.666667	1867.814924	0	
1193	N1193	-273.691278	-10.666667	1867.814924	0	
1194	N1194	-275.021278	-10.666667	1867.814924	0	
1195	N1195	-276.351278	-10.666667	1867.814924	0	
1196	N1196	-277.681278	-10.666667	1867.814924	0	
1197	N1197	-279.011278	-10.666667	1867.814924	0	
1198	N1198	-280.341278	-10.666667	1891.950883	0	
1199	N1199	-280.341278	-10.666667	1867.814924	0	
1200	N1200	-259.174612	-10.666667	1867.950883	0	
1201	N1201	-260.504612	-10.666667	1873.36755	0	
1202	N1202	-260.504612	-10.666667	1867.950883	0	
1203	N1203	-261.834612	-10.666667	1873.36755	0	
1204	N1204	-261.834612	-10.666667	1867.950883	0	
1205	N1205	-263.164612	-10.666667	1873.36755	0	
1206	N1206	-263.164612	-10.666667	1867.950883	0	
1207	N1207	-264.494612	-10.666667	1873.36755	0	





Company :  
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~~Point Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1208	N1208	-264.494612	-10.666667	1867.950883	0	
1209	N1209	-257.844612	-10.666667	1873.36755	0	
1210	N1210	-257.844612	-10.666667	1867.950883	0	
1211	N1211	-256.514612	-10.666667	1873.36755	0	
1212	N1212	-256.514612	-10.666667	1867.950883	0	
1213	N1213	-255.184612	-10.666667	1873.36755	0	
1214	N1214	-255.184612	-10.666667	1867.950883	0	
1215	N1215	-253.854612	-10.666667	1873.36755	0	
1216	N1216	-253.854612	-10.666667	1867.950883	0	
1217	N1217	-252.524612	-10.666667	1873.36755	0	
1218	N1218	-252.524612	-10.666667	1867.950883	0	
1219	N1219	-251.194612	-10.666667	1873.36755	0	
1220	N1220	-251.194612	-10.666667	1867.950883	0	
1221	N1221	-249.864612	-10.666667	1873.36755	0	
1222	N1222	-249.864612	-10.666667	1867.950883	0	
1223	N1223	-275.5046	-10.666667	1867.814924	0	
1224	N1224	-275.504612	-10.666667	1887.36755	0	
1225	N1225	-275.504612	-10.666667	1883.11755	0	
1226	N1226	-276.351278	-10.666667	1883.11755	0	
1227	N1227	-276.351278	-10.666667	1887.36755	0	
1228	N1228	-277.681278	-10.666667	1883.11755	0	
1229	N1229	-277.681278	-10.666667	1887.36755	0	
1230	N1230	-279.011278	-10.666667	1883.11755	0	
1231	N1231	-279.011278	-10.666667	1887.36755	0	
1232	N1232	-280.341278	-10.666667	1883.11755	0	
1233	N1233	-280.341278	-10.666667	1887.36755	0	
1234	N1234	-259.174612	-19.666667	1891.950883	0	
1235	N1235	-280.507945	-10.666666	1883.11755	0	
1236	N1236	-286.108871	-10.666666	1883.11755	0	
1237	N1237	-284.108871	-10.666666	1883.11755	0	
1238	N1238	-282.108871	-10.666666	1883.11755	0	
1239	N1239	-232.591278	-10.666667	1916.450883	0	
1240	N1240	-256.844612	-10.666667	1916.450883	0	
1241	N1241	-256.844612	0	1916.450883	0	
1242	N1242	-260.844612	-10.666667	1916.450883	0	
1243	N1243	-260.844612	0	1916.450883	0	
1244	N1244	-249.5912	-10.6666	1881.781722	0	
1245	N1245	-249.5912	-10.6666	1880.451722	0	
1246	N1246	-249.5912	-10.6666	1879.121722	0	
1247	N1247	-249.5912	-10.6666	1877.791722	0	
1248	N1248	-249.5912	-10.6666	1876.461722	0	
1249	N1249	-249.5912	-10.6666	1875.131722	0	
1250	N1250	-249.5912	-10.6666	1873.801722	0	
1251	N1251	-249.5912	-10.6666	1872.471722	0	
1252	N1252	-249.5912	-10.6666	1871.141722	0	
1253	N1253	-249.5912	-10.6666	1869.811722	0	
1254	N1254	-249.5912	-10.6666	1868.481722	0	
1255	N1255	-247.091278	-19.666667	1891.950883	0	
1256	N1256	-245.431278	-10.666667	1887.36755	0	
1257	N1257	-249.591278	-10.666667	1887.36755	0	
1258	N1258	-245.431278	-19.666667	1887.36755	0	
1259	N1259	-249.591278	-19.666667	1887.36755	0	

~~Joint Coordinates and Temperatures (Continued)~~

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1260	N1260	-251.591278	-19.666667	1887.36755	0	
1261	N1261	-230.841278	0	1931.914943	0	
1262	N1262	-230.841278	-10.666667	1931.914943	0	
1263	N1263	-257.591278	0	1931.914943	0	
1264	N1264	-257.591278	-10.666667	1931.914943	0	
1265	N1265	-231.591278	0	1916.450883	0	
1266	N1266	-231.591278	0	1936.164943	0	
1267	N1267	-234.091278	0	1916.450883	0	
1268	N1268	-234.091278	0	1936.164943	0	
1269	N1269	-236.591278	0	1936.164943	0	
1270	N1270	-239.091278	0	1916.450883	0	
1271	N1271	-239.091278	0	1936.164943	0	
1272	N1272	-241.591278	0	1916.450883	0	
1273	N1273	-241.591278	0	1936.164943	0	
1274	N1274	-244.091278	0	1916.450883	0	
1275	N1275	-244.091278	0	1936.164943	0	
1276	N1276	-246.591278	0	1936.164943	0	
1277	N1277	-249.091278	0	1916.450883	0	
1278	N1278	-249.091278	0	1936.164943	0	
1279	N1279	-251.591278	0	1916.450883	0	
1280	N1280	-251.591278	0	1936.164943	0	
1281	N1281	-254.091278	0	1916.450883	0	
1282	N1282	-254.091278	0	1936.164943	0	
1283	N1283	-256.591278	0	1936.164943	0	
1284	N1284	-259.091278	0	1916.450883	0	
1285	N1285	-259.091278	0	1936.164943	0	
1286	N1286	-231.591278	0	1931.914943	0	
1287	N1287	-234.091278	0	1931.914943	0	
1288	N1288	-236.591278	0	1931.914943	0	
1289	N1289	-239.091278	0	1931.914943	0	
1290	N1290	-241.591278	0	1931.914943	0	
1291	N1291	-244.091278	0	1931.914943	0	
1292	N1292	-246.591278	0	1931.914943	0	
1293	N1293	-249.091278	0	1931.914943	0	
1294	N1294	-251.591278	0	1931.914943	0	
1295	N1295	-254.091278	0	1931.914943	0	
1296	N1296	-259.091278	0	1931.914943	0	

~~Joint Loads and Enforced Displacements (BLC - Hinge Roof 360)~~

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/f...]
1	N1263	L	X	.625

~~Member Area Loads (BLC - Hinge)~~

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N747	N821	N568		Y	Two Way	-.021
2	N786	N800	N595	N568	Y	Two Way	-.021
3	N786	N1059	N800	N821	Y	Two Way	-.021
4	N609	N611	N804	N1059	Y	Two Way	-.021
5	N1059	N804	N900	N800	Y	Two Way	-.021



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~~Member Area Loads (BLC - Head) (Continuous)~~

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude [ksf]
6	N900	N916	N561	N562	Y	Two Way	-.021
7	N664	N785	N800		Y	Two Way	-.021
8	N664	N885	N914	N785	Y	Two Way	-.021
9	N806	N1010	N885	N859	Y	Two Way	-.021
10	N1027	N629	N597	N1025	Y	Two Way	-.021
11	N618	N616	N1011	N1026	Y	Two Way	-.021
12	N612	N626	N1039	N1035	Y	Two Way	-.021
13	N885	N567	N922	N785	Y	Two Way	-.021
14	N783	N1002	N1034	N1024	Y	Two Way	-.021
15	N1024	N815	N817	N567	Y	Two Way	-.021
16	N1034	N727	N777	N942	Y	Two Way	-.021
17	N1024	N1034	N815		Y	Two Way	-.021
18	N776	N922	N567	N940	Y	Two Way	-.021
19	N1039	N726	N1024	N567	Y	Two Way	-.021
20	N885	N1010	N612	N1035	Y	Two Way	-.021
21	N726	N783	N1024		Y	Two Way	-.021
22	N1034	N1002	N727		Y	Two Way	-.021
23	N617	N1063	N922	N625	Y	Two Way	-.021
24	N776	N940	N817		Y	Two Way	-.021
25	N815	N942	N777		Y	Two Way	-.021
26	N251	N165	N531	N169	Y	Two Way	-.015
27	N165	N527	N529	N531	Y	Two Way	-.015
28	N299	N303	N537	N527	Y	Two Way	-.015
29	N305	N1003	N399	N537	Y	Two Way	-.015
30	N16	N399	N132	N242	Y	Two Way	-.015
31	N344	N132	N816	N818	Y	Two Way	-.015
32	N1023	N201	N4	N185	Y	Two Way	-.015
33	N1023	N185	N1018		Y	Two Way	-.015
34	N1163	N536	N1200	N1199	Y	Two Way	-.026
35	N536	N1109	N542	N1150	Y	Two Way	-.026
36	N536	N1150	N1220	N1200	Y	Two Way	-.026
37	N1150	N1151	N1222	N1220	Y	Two Way	-.026
38	N1079	N1112	N1109	N1163	Y	Two Way	-.026
39	N304	N1079	N1163	N300	Y	Two Way	-.026
40	N1285	N549	N547	N1284	Y	Two Way	-.012

~~Member Area Loads (BLC - Dimple)~~

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude [ksf]
1	N568	N747	N786	N804	Y	Two Way	-.025
2	N568	N1060	N800	N595	Y	Two Way	-.025
3	N1059	N609	N611	N1060	Y	Two Way	-.025
4	N804	N664	N806	N595	Y	Two Way	-.025
5	N800	N806	N1027	N900	Y	Two Way	-.025
6	N562	N900	N916	N561	Y	Two Way	-.025
7	N900	N597	N916		Y	Two Way	-.025
8	N916	N1025	N1010	N1063	Y	Two Way	-.025
9	N597	N616	N1010	N1025	Y	Two Way	-.025
10	N1010	N612	N1035	N885	Y	Two Way	-.025
11	N617	N1063	N885	N1039	Y	Two Way	-.025
12	N1035	N612	N626	N1039	Y	Two Way	-.025
13	N617	N1039	N567	N650	Y	Two Way	-.025

**Member Area Loads (BLC 2) - Snow (Continued)**

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude [ksf]
14	N650	N1067	N817	N776	Y	Two Way	-.025
15	N817	N940	N777	N815	Y	Two Way	-.025
16	N940	N1067	N567	N777	Y	Two Way	-.025
17	N567	N1039	N726	N783	Y	Two Way	-.025
18	N567	N1002	N1034	N777	Y	Two Way	-.025
19	N777	N1002	N727		Y	Two Way	-.025
20	N900	N629	N597		Y	Two Way	-.025
21	N567	N783	N1002		Y	Two Way	-.025
22	N1285	N549	N547	N1284	Y	Two Way	-.03

**Member Area Loads (BLC 3) - Snow**

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude [ksf]
1	N251	N165	N531	N169	Y	Two Way	-.04
2	N165	N527	N529	N531	Y	Two Way	-.04
3	N299	N303	N537	N527	Y	Two Way	-.04
4	N1023	N201	N4	N185	Y	Two Way	-.04
5	N1023	N185	N1018		Y	Two Way	-.04
6	N305	N1003	N399	N537	Y	Two Way	-.04
7	N16	N399	N132	N242	Y	Two Way	-.04
8	N344	N132	N816	N818	Y	Two Way	-.04
9	N1114	N521	N1153	N1115	Y	Two Way	-.04
10	N1151	N1119	N1109	N542	Y	Two Way	-.04
11	N1109	N536	N1079	N1112	Y	Two Way	-.04
12	N521	N1140	N304	N536	Y	Two Way	-.04
13	N300	N1140	N1139	N1163	Y	Two Way	-.04
14	N553	N1199	N1198	N520	Y	Two Way	-.04
15	N1198	N521	N554	N1199	Y	Two Way	-.04
16	N1208	N1207	N1115	N345	Y	Two Way	-.04

**Basic Load Cases**

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area (Me... Surface (P...
1	dead	None						40
2	snow	None						22
3	live	None						16
4	patio roof seism	None				1		
5	BLC 1 Transient Area...	None						4042
6	BLC 2 Transient Area...	None						1893
7	BLC 3 Transient Area...	None						2034

**Load Combinations**

	Description	Sol..	PD..	SR..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..
1	d+sn	Yes			1	1	2	1						
2	d+l	Yes			1	.75	3	.7						
3	l				3	1								
4	d+.75sn+....	Yes			1	1	2	.75	3	.75				
5	d+patio seis				1	1	4	1						
6	d+.75sn+....	Yes			1	1	2	.75	4	.75				
7	d				1	1								

**~~Load Combinations (Continued)~~**

	Description	Sol..	PD..	SR..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..
8	sn				2	1								
9	d+.4l				1	1	3	.4						
10	d+.75x.4l ...				1	1	3	.3	2	.75				
11	d+2.5patio..				1	1	4	2.5						

**~~Load Combination Design~~**

	Description	ASIF	CD	Service	Hot Rolled	Cold For...	Wood	Concrete	Masonry	Aluminum	Stainles s	Connection
1	d+sn		1.15		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2	d+l				Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3	l				Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4	d+.75sn+.75l		1.15		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5	d+patio seis				Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6	d+.75sn+.75ps		1.15		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7	d		1.15		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
8	sn		1.15		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9	d+.4l		1.15		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
10	d+.75x.4l + ....		1.15		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
11	d+2.5patio seis		1.15		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

**~~Joint Reactions (By Combination)~~**

	LC	Joint Label	X [k]	Y [k]	Z [k]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
1	4	N252	0	-.035	.002	0	0	0
2	4	N254	0	.676	0	0	0	0
3	4	N256	0	.624	0	0	0	0
4	4	N258	0	.599	0	0	0	0
5	4	N260	0	.578	0	0	0	0
6	4	N262	0	.551	0	0	0	0
7	4	N264	0	.514	0	0	0	0
8	4	N266	0	.432	0	0	0	0
9	4	N268	0	.312	0	0	0	0
10	4	N270	0	.891	.003	0	0	0
11	4	N272	0	.205	0	0	0	0
12	4	N273	0	.409	0	0	0	0
13	4	N275	0	1.678	0	0	0	0
14	4	N277	0	.389	0	0	0	0
15	4	N279	0	.124	0	0	0	0
16	4	N281	0	.138	0	0	0	0
17	4	N283	0	.071	0	0	0	0
18	4	N285	0	.137	0	0	0	0
19	4	N287	0	2.104	0	0	0	0
20	4	N288	0	.477	0	0	0	0
21	4	N289	0	.338	0	0	0	0
22	4	N290	0	.299	0	0	0	0
23	4	N292	0	.397	0	0	0	0
24	4	N294	0	0	0	0	0	0
25	4	N296	0	0	0	0	0	0
26	4	N298	0	0	0	0	0	0
27	4	N300	.009	.063	-.006	0	0	0
28	4	N301	.007	2.654	.006	0	0	0

~~Joint Reactions (By Combination) (Continued)~~

	LC	Joint Label	X [k]	Y [k]	Z [k]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
29	4	N302	0	5.071	0	0	0	0
30	4	N304	0	13.63	0	LOCKED	0	0
31	4	N306	0	.485	0	0	0	0
32	4	N307	0	1.109	0	0	0	0
33	4	N308	0	1.365	0	0	0	0
34	4	N309	.004	.793	-.025	0	0	0
35	4	N310	0	.689	0	0	0	0
36	4	N311	0	1.041	0	0	0	0
37	4	N312	0	.274	0	0	0	0
38	4	N313	0	2.624	0	0	0	0
39	4	N314	0	2.989	0	0	0	0
40	4	N315	0	.931	0	0	0	0
41	4	N316	0	1.542	0	0	0	0
42	4	N317	.002	.487	0	0	0	0
43	4	N318	.003	.343	0	0	0	0
44	4	N320	0	.124	0	0	0	0
45	4	N321	0	.118	0	0	0	0
46	4	N323	-.005	.284	.018	0	0	0
47	4	N325	0	.169	0	0	0	0
48	4	N327	0	.251	0	0	0	0
49	4	N329	.005	.41	.025	0	0	0
50	4	N331	0	0	0	0	LOCKED	0
51	4	N333	0	.405	0	0	0	0
52	4	N335	0	.248	0	0	0	0
53	4	N337	0	7.702	0	0	0	0
54	4	N339	0	3.603	0	0	0	0
55	4	N340	0	1.982	0	0	0	0
56	4	N341	0	2.435	0	0	0	0
57	4	N342	0	5.104	0	0	0	0
58	4	N343	0	5.325	0	0	0	0
59	4	N345	0	3.667	0	0	0	0
60	4	N346	0	2.024	0	0	0	0
61	4	N347	0	1.401	0	0	0	0
62	4	N348	0	-.609	0	0	0	0
63	4	N350	0	.227	0	0	0	0
64	4	N352	0	.149	0	0	0	0
65	4	N354	0	.471	0	0	0	0
66	4	N356	0	2.469	0	0	0	0
67	4	N358	0	3.423	0	0	0	0
68	4	N360	0	.747	0	0	0	0
69	4	N362	0	1.844	0	0	0	0
70	4	N365	0	.814	0	0	0	0
71	4	N367	0	.97	0	0	0	0
72	4	N369	0	1.072	0	0	0	0
73	4	N370	0	1.138	0	0	0	0
74	4	N372	0	1.128	0	0	0	0
75	4	N374	0	1.12	0	0	0	0
76	4	N375	0	1.133	0	0	0	0
77	4	N377	0	1.135	0	0	0	0
78	4	N379	0	1.221	0	0	0	0
79	4	N380	0	1.441	0	0	0	0
80	4	N382	0	1.752	0	0	0	0

~~Joint Reactions (By Combination) (Continued)~~

	LC	Joint Label	X [k]	Y [k]	Z [k]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
81	4	N384	0	2.09	0	0	0	0
82	4	N386	0	1.812	0	0	0	0
83	4	N388	0	1.346	0	0	0	0
84	4	N390	0	1.021	0	0	0	0
85	4	N392	0	.819	0	0	0	0
86	4	N394	0	.715	0	0	0	0
87	4	N396	0	.621	0	0	0	0
88	4	N398	0	.434	0	0	0	0
89	4	N400	0	.227	0	0	0	0
90	4	N402	0	.794	0	0	0	0
91	4	N404	0	1.027	0	0	0	0
92	4	N406	0	1.077	0	0	0	0
93	4	N408	0	.686	0	0	0	0
94	4	N410	0	.6	0	0	0	0
95	4	N412	0	.389	0	0	0	0
96	4	N414	0	.08	0	0	0	0
97	4	N416	0	.201	0	0	0	0
98	4	N418	0	.059	0	0	0	0
99	4	N435	0	.385	0	0	0	0
100	4	N437	0	1.351	0	0	0	0
101	4	N439	0	2.601	0	0	0	0
102	4	N441	0	2.977	0	0	0	0
103	4	N443	0	1.796	0	0	0	0
104	4	N445	0	1.147	0	0	0	0
105	4	N447	0	1.054	0	0	0	0
106	4	N449	0	1.438	0	0	0	0
107	4	N451	0	2.228	0	0	0	0
108	4	N453	0	3.067	0	0	0	0
109	4	N455	0	2.956	0	0	0	0
110	4	N457	0	2.581	0	0	0	0
111	4	N459	0	-.128	0	0	0	0
112	4	N461	0	.159	0	0	0	0
113	4	N463	0	1.197	0	0	0	0
114	4	N465	0	0	0	0	0	0
115	4	N467	0	.162	0	0	0	0
116	4	N469	0	.647	0	0	0	0
117	4	N471	0	0	0	0	0	0
118	4	N473	0	.152	0	0	0	0
119	4	N475	0	.227	0	0	0	0
120	4	N477	0	0	0	0	0	0
121	4	N479	0	.194	0	0	0	0
122	4	N481	0	-.203	0	0	0	0
123	4	N483	0	.316	0	0	0	0
124	4	N485	0	.477	0	0	0	0
125	4	N487	0	.494	0	0	0	0
126	4	N489	0	.328	0	0	0	0
127	4	N490	0	.581	0	0	0	0
128	4	N492	0	.45	0	0	0	0
129	4	N494	0	.071	0	0	0	0
130	4	N496	0	.076	0	0	0	0
131	4	N498	0	.079	0	0	0	0
132	4	N500	0	.08	0	0	0	0

~~Joint Reactions (By Combination) (Continued)~~

	LC	Joint Label	X [k]	Y [k]	Z [k]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
133	4	N502	0	.081	0	0	0	0
134	4	N504	0	.082	0	0	0	0
135	4	N506	0	.084	0	0	0	0
136	4	N508	0	.495	0	0	0	0
137	4	N510	0	.215	0	0	0	0
138	4	N512	0	.478	0	0	0	0
139	4	N514	0	.474	0	0	0	0
140	4	N516	0	.364	0	0	0	0
141	4	N518	0	.481	0	0	0	0
142	4	N519	.003	-.179	-.027	0	0	0
143	4	N524	0	.224	0	0	0	0
144	4	N526	0	10.759	0	0	0	0
145	4	N528	0	2.878	0	0	0	0
146	4	N530	0	.234	0	0	0	0
147	4	N532	0	.192	0	0	0	0
148	4	N534	0	4.022	0	0	0	0
149	4	N544	0	1.7	0	0	0	0
150	4	N546	0	1.687	0	0	0	0
151	4	N548	0	-.268	0	0	0	0
152	4	N550	0	1.492	0	0	0	0
153	4	N551	0	1.887	0	0	0	0
154	4	N552	0	2.44	0	0	0	0
155	4	N554	0	0	0	0	LOCKED	0
156	4	N555	0	8.21	0	0	0	0
157	4	N556	0	1.505	0	0	0	0
158	4	N557	0	.426	0	0	0	0
159	4	N558	0	.668	0	0	0	0
160	4	N878	0	6.142	0	0	0	0
161	4	N818	.018	.289	.051	0	LOCKED	0
162	4	N1079	0	.753	0	0	0	LOCKED
163	4	N1080	-.186	.83	-.006	0	0	0
164	4	N1104	0	.453	0	0	0	0
165	4	N1081	0	.671	0	0	0	0
166	4	N1082	0	.8	0	0	0	0
167	4	N1083	0	.931	0	0	0	0
168	4	N1103	0	.987	0	0	0	0
169	4	N1084	0	1.118	0	0	0	0
170	4	N1102	0	.737	0	0	0	0
171	4	N1101	0	.463	0	0	0	0
172	4	N1085	0	.529	0	0	0	0
173	4	N1086	0	.72	0	0	0	0
174	4	N1087	0	.715	0	0	0	0
175	4	N1088	0	.598	0	0	0	0
176	4	N1089	0	.413	0	0	0	0
177	4	N1100	0	.357	0	0	0	0
178	4	N1091	0	.322	0	0	0	0
179	4	N1090	0	.256	0	0	0	0
180	4	N1099	0	.235	0	0	0	0
181	4	N1098	0	.269	0	0	0	0
182	4	N1092	0	.306	0	0	0	0
183	4	N1093	0	.402	0	0	0	0
184	4	N1094	0	.454	0	0	0	0



~~Joint Reactions (By Combination) (Continued)~~

	LC	Joint Label	X [k]	Y [k]	Z [k]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
185	4	N1095	0	.454	0	0	0	0
186	4	N1096	0	.392	0	0	0	0
187	4	N1097	0	.258	0	0	0	0
188	4	N1113	0	0	0	0	0	0
189	4	N1114	0	1.155	0	0	0	0
190	4	N1115	0	-.004	0	0	0	0
191	4	N1112	0	.363	0	0	0	0
192	4	N1118	0	.725	0	0	0	0
193	4	N1120	0	.725	0	0	0	0
194	4	N1122	0	.725	0	0	0	0
195	4	N1124	0	.725	0	0	0	0
196	4	N1126	0	.725	0	0	0	0
197	4	N1128	0	.725	0	0	0	0
198	4	N1130	0	.725	0	0	0	0
199	4	N1132	0	.74	0	0	0	0
200	4	N1144	0	.624	0	0	0	0
201	4	N1143	0	.715	0	0	0	0
202	4	N1111	0	1.925	0	0	0	0
203	4	N1142	0	.639	0	0	0	0
204	4	N1110	0	1.955	0	0	0	0
205	4	N1161	0	17.9	0	0	0	0
206	4	N1162	0	9.766	0	0	0	0
207	4	N1164	0	.243	0	0	0	0
208	4	N1201	0	.191	0	0	0	0
209	4	N1203	0	.205	0	0	0	0
210	4	N1205	0	.202	0	0	0	0
211	4	N1207	0	.215	0	0	0	0
212	4	N1215	0	.181	0	0	0	0
213	4	N1217	0	.215	0	0	0	0
214	4	N1219	0	.199	0	0	0	0
215	4	N1221	0	.171	0	0	0	0
216	4	N1147	0	.696	0	0	0	0
217	4	N1148	0	.678	0	0	0	0
218	4	N1149	0	.739	0	0	0	0
219	4	N1206	0	.205	0	0	0	0
220	4	N1208	0	.216	0	0	0	LOCKED
221	4	N1187	0	.916	0	0	0	0
222	4	N1188	0	.91	0	0	0	0
223	4	N1204	0	.201	0	0	0	0
224	4	N1202	0	.197	0	0	0	0
225	4	N1200	0	.215	0	0	0	0
226	4	N1210	0	.206	0	0	0	0
227	4	N1212	0	.208	0	0	0	0
228	4	N1214	0	.204	0	0	0	0
229	4	N1216	0	.209	0	0	0	0
230	4	N1218	0	.2	0	0	0	0
231	4	N1220	0	.189	0	0	0	0
232	4	N1222	0	.125	0	0	0	0
233	4	N1189	0	.91	0	0	0	0
234	4	N1190	0	.895	0	0	0	0
235	4	N1191	0	.899	0	0	0	0
236	4	N1192	0	.929	0	0	0	0

**Joint Reactions (By Combination) (Continued)**

	LC	Joint Label	X [k]	Y [k]	Z [k]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
237	4	N1193	0	.946	0	0	0	0
238	4	N1194	0	.529	0	0	0	0
239	4	N1195	0	.48	0	0	0	0
240	4	N1196	0	.607	0	0	0	0
241	4	N1197	0	.548	0	0	0	0
242	4	N1199	0	2.538	0	0	0	0
243	4	N1223	0	.949	0	0	0	0
244	4	N1234	0	21.695	0	0	0	0
245	4	N1236	0	-.439	0	0	0	0
246	4	N1237	0	-.636	0	0	0	0
247	4	N1238	0	1.939	0	0	0	0
248	4	N1235	0	6.499	0	0	0	0
249	4	N1105	0	.872	0	0	0	0
250	4	N1239	-.126	10.348	.006	0	0	0
251	4	N1240	.1	14.15	-.004	0	0	0
252	4	N1242	.158	-.15	.004	0	0	0
253	4	N1244	0	.64	0	0	0	0
254	4	N1245	0	.735	0	0	0	0
255	4	N1246	0	.765	0	0	0	LOCKED
256	4	N1247	0	.776	0	0	0	LOCKED
257	4	N1248	0	.763	0	0	0	LOCKED
258	4	N1249	0	.727	-.001	0	0	LOCKED
259	4	N1250	0	.655	-.001	0	0	LOCKED
260	4	N1251	0	.542	-.001	0	0	LOCKED
261	4	N1252	0	.433	-.001	0	0	LOCKED
262	4	N1253	0	.497	-.001	0	0	LOCKED
263	4	N1254	0	.811	-.003	0	0	LOCKED
264	4	N1255	0	16.076	0	0	0	0
265	4	N1258	0	1.245	0	0	0	0
266	4	N1259	0	1.281	0	0	0	0
267	4	N1260	0	1.473	0	0	0	0
268	4	N1262	-1.594	6.617	-.022	0	0	0
269	4	N1264	1.601	6.482	-.013	0	0	0
270	4	N330	LOCKED	NC	LOCKED	NC	NC	NC
271	4	N553	LOCKED	NC	LOCKED	NC	NC	NC
272	4	N913	LOCKED	NC	LOCKED	NC	NC	NC
273	4	N911	LOCKED	NC	LOCKED	NC	NC	NC
274	4	N941	LOCKED	NC	LOCKED	NC	NC	NC
275	4	N1184	LOCKED	LOCKED	NC	NC	NC	NC
276	4	N1182	LOCKED	LOCKED	NC	NC	NC	NC
277	4	N874	LOCKED	NC	LOCKED	NC	NC	NC
278	4	N797	LOCKED	NC	LOCKED	NC	NC	NC
279	4	N876	LOCKED	NC	LOCKED	NC	NC	NC
280	4	N1186	LOCKED	LOCKED	NC	NC	NC	NC
281	4	N907	LOCKED	NC	LOCKED	NC	NC	NC
282	4	N905	LOCKED	NC	LOCKED	NC	NC	NC
283	4	N1180	LOCKED	LOCKED	NC	NC	NC	NC
284	4	N559	NC	LOCKED	LOCKED	NC	NC	LOCKED
285	4	N909	LOCKED	NC	LOCKED	NC	NC	NC
286	4	N795	LOCKED	NC	LOCKED	NC	NC	NC
287	4	N417	NC	NC	LOCKED	NC	LOCKED	NC
288	4	N901	LOCKED	NC	LOCKED	NC	NC	NC

~~Joint Reactions (By Combination) (Continued)~~

	LC	Joint Label	X [k]	Y [k]	Z [k]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
289	4	N458	LOCKED	NC	NC	NC	NC	NC
290	4	N1178	LOCKED	LOCKED	NC	NC	NC	NC
291	4	N801	LOCKED	NC	LOCKED	NC	NC	NC
292	4	N882	LOCKED	NC	NC	NC	LOCKED	NC
293	4	N1176	LOCKED	LOCKED	NC	NC	NC	NC
294	4	N1174	LOCKED	LOCKED	NC	NC	NC	NC
295	4	N1172	LOCKED	LOCKED	NC	NC	NC	NC
296	4	N1170	LOCKED	LOCKED	NC	NC	NC	NC
297	4	N1168	LOCKED	LOCKED	NC	NC	NC	NC
298	4	N879	LOCKED	NC	LOCKED	NC	NC	NC
299	4	N1166	LOCKED	LOCKED	NC	NC	NC	NC
300	4	N415	NC	NC	LOCKED	NC	LOCKED	NC
301	4	N1140	LOCKED	LOCKED	NC	NC	NC	NC
302	4	N888	NC	NC	LOCKED	NC	NC	NC
303	4	N667	NC	LOCKED	LOCKED	NC	NC	NC
304	4	N1138	LOCKED	LOCKED	NC	NC	NC	NC
305	4	N1136	LOCKED	LOCKED	NC	NC	NC	NC
306	4	N303	NC	NC	NC	NC	LOCKED	NC
307	4	N1010	NC	NC	NC	NC	NC	LOCKED
308	4	N456	NC	NC	NC	NC	LOCKED	NC
309	4	N1008	NC	NC	NC	NC	LOCKED	NC
310	4	N536	NC	NC	NC	LOCKED	LOCKED	NC
311	4	N916	NC	NC	NC	NC	LOCKED	NC
312	4	N997	NC	NC	NC	NC	LOCKED	NC
313	4	N1145	NC	NC	NC	LOCKED	NC	NC
314	4	N784	NC	NC	NC	NC	LOCKED	NC
315	4	N274	NC	NC	NC	NC	LOCKED	NC
316	4	N545	NC	NC	NC	NC	LOCKED	NC
317	4	N880	NC	NC	NC	NC	LOCKED	NC
318	4	N899	NC	NC	LOCKED	LOCKED	NC	NC
319	4	N280	NC	NC	NC	NC	LOCKED	NC
320	4	N541	NC	NC	NC	LOCKED	NC	NC
321	4	N955	NC	NC	NC	NC	LOCKED	NC
322	4	N245	NC	NC	NC	NC	LOCKED	NC
323	4	N963	NC	NC	NC	NC	LOCKED	NC
324	4	N77	NC	NC	NC	LOCKED	NC	NC
325	4	N543	NC	NC	NC	NC	LOCKED	NC
326	4	N1257	NC	NC	NC	NC	LOCKED	NC
327	4	N1256	NC	NC	NC	NC	LOCKED	NC
328	4	N539	NC	NC	NC	NC	LOCKED	NC
329	4	N953	NC	NC	NC	NC	LOCKED	NC
330	4	N334	NC	NC	NC	NC	LOCKED	NC
331	4	N244	NC	NC	NC	NC	LOCKED	NC
332	4	N869	NC	NC	NC	NC	LOCKED	NC
333	4	N525	LOCKED	NC	NC	NC	LOCKED	NC
334	4	N249	NC	NC	NC	NC	LOCKED	NC
335	4	N171	NC	NC	LOCKED	NC	NC	LOCKED
336	4	N250	NC	NC	NC	NC	LOCKED	NC
337	4	N531	NC	NC	NC	NC	LOCKED	NC
338	4	N156	NC	NC	NC	NC	NC	LOCKED
339	4	N529	NC	NC	NC	NC	LOCKED	NC
340	4	N246	NC	NC	NC	NC	LOCKED	NC

~~Joint Reactions (By Combination) (Continued)~~

	LC	Joint Label	X [k]	Y [k]	Z [k]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
341	4	N948	NC	NC	NC	NC	LOCKED	NC
342	4	N999	NC	NC	NC	NC	LOCKED	NC
343	4	N973	NC	NC	NC	LOCKED	NC	NC
344	4	N568	NC	NC	NC	NC	NC	LOCKED
345	4	N293	NC	NC	NC	LOCKED	NC	NC
346	4	N598	NC	NC	NC	LOCKED	NC	NC
347	4	N1152	NC	NC	NC	LOCKED	NC	NC
348	4	N243	NC	NC	NC	NC	LOCKED	NC
349	4	N810	NC	NC	LOCKED	NC	NC	NC
350	4	N799	NC	NC	LOCKED	LOCKED	NC	NC
351	4	N850	LOCKED	NC	NC	NC	NC	NC
352	4	N295	NC	NC	LOCKED	NC	LOCKED	LOCKED
353	4	N1163	NC	NC	NC	NC	LOCKED	NC
354	4	N974	NC	NC	NC	NC	LOCKED	NC
355	4	N800	NC	NC	NC	NC	LOCKED	NC
356	4	N972	NC	NC	NC	NC	LOCKED	NC
357	4	N248	NC	NC	NC	NC	LOCKED	NC
358	4	N324	NC	NC	NC	NC	LOCKED	NC
359	4	N808	NC	NC	NC	NC	LOCKED	NC
360	4	N946	NC	NC	NC	NC	LOCKED	NC
361	4	N291	NC	NC	NC	LOCKED	LOCKED	NC
362	4	N875	NC	NC	NC	NC	LOCKED	NC
363	4	N873	NC	NC	NC	NC	LOCKED	NC
364	4	N798	NC	NC	NC	NC	LOCKED	NC
365	4	N877	NC	NC	NC	NC	LOCKED	NC
366	4	N846	NC	NC	NC	NC	NC	LOCKED
367	4	N297	NC	NC	NC	NC	LOCKED	NC
368	4	Totals:	0	363.341	0			
369	4	COG (ft):	X: -258.181	Y: 1.181	Z: 1891.58			

~~Joint Deflections~~

	LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
1	4	N1	.006	-.263	-.159	-6.811e-3	1.702e-4	-6.164e-4
2	4	N2	.012	-.068	-.105	-4.034e-3	2.721e-4	-1.474e-3
3	4	N3	.012	-.061	-.138	-7.58e-3	2.855e-4	1.398e-3
4	4	N4	.024	.108	-.121	0	0	-3.903e-5
5	4	N5	.006	-.292	-.121	-3.662e-3	2.749e-4	-9.14e-4
6	4	N6	-.008	-.655	-.159	-9.04e-4	1.415e-4	-6.164e-4
7	4	N7	-.008	-.997	-.102	2.29e-3	1.418e-4	-1.667e-3
8	4	N8	.005	-.936	-.102	-3.469e-3	1.373e-4	-1.667e-3
9	4	N9	.012	-.637	-.102	-5.839e-4	-4.209e-4	-1.667e-3
10	4	N10	.005	-.624	-.134	-5.153e-3	-3.983e-4	-4.482e-3
11	4	N11	.012	-.283	-.134	-6.665e-4	-3.981e-4	-6.132e-3
12	4	N12	-.044	-.014	-.208	0	-3.549e-3	-2.062e-4
13	4	N13	-.044	.004	-.084	-2.272e-3	0	0
14	4	N14	-.044	-.208	-.126	-2.272e-3	2.938e-4	-3.792e-4
15	4	N15	-.028	-.045	-.126	0	2.938e-4	-2.97e-4
16	4	N16	-.044	-.215	-.142	-2.272e-3	3.024e-4	-9.105e-6
17	4	N17	-.055	-.013	-.208	3.444e-4	3.202e-4	-1.82e-4
18	4	N18	-.055	-.28	-.142	-1.288e-3	3.19e-4	-9.105e-6

~~Point Deflections Continued~~

	LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
19	4	N19	-.014	-.026	-.085	-6.806e-4	1.382e-4	-2.607e-3
20	4	N20	-.014	-.618	-.159	2.502e-3	1.367e-4	-6.164e-4
21	4	N21	-.06	-.296	-.142	-7.725e-4	3.236e-4	-9.105e-6
22	4	N22	-.06	-.005	-.208	5.031e-4	3.197e-4	-1.709e-4
23	4	N23	-.01	-.951	-.102	3.362e-3	1.395e-4	-1.667e-3
24	4	N24	-.01	-.66	-.159	3.003e-4	1.395e-4	-6.164e-4
25	4	N25	-.006	-.631	-.159	-2.088e-3	1.442e-4	-6.164e-4
26	4	N26	-.006	-1.025	-.102	1.194e-3	1.449e-4	-1.667e-3
27	4	N27	-.003	-.587	-.159	-3.23e-3	1.476e-4	-6.164e-4
28	4	N28	-.003	-1.036	-.102	9.306e-5	1.482e-4	-1.667e-3
29	4	N29	0	-.526	-.159	-4.308e-3	1.488e-4	-6.164e-4
30	4	N30	0	-1.028	-.102	-9.918e-4	1.508e-4	-1.667e-3
31	4	N31	.001	-.447	-.159	-5.298e-3	1.495e-4	-6.164e-4
32	4	N32	.002	-1.003	-.102	-2.04e-3	1.507e-4	-1.667e-3
33	4	N33	.004	-.353	-.159	-6.179e-3	1.571e-4	-6.164e-4
34	4	N34	.005	-.693	-.128	-4.813e-3	-4.03e-4	-4.239e-3
35	4	N35	.012	-.381	-.128	-6.499e-4	-4.031e-4	-5.582e-3
36	4	N36	.005	-.473	-.147	-5.832e-3	-3.859e-4	-4.885e-3
37	4	N37	.005	-.55	-.141	-5.492e-3	-3.938e-4	-4.706e-3
38	4	N38	.012	-.178	-.141	-6.832e-4	-3.932e-4	-6.494e-3
39	4	N39	.005	-.394	-.153	-6.171e-3	-3.755e-4	-4.996e-3
40	4	N40	.005	-.759	-.121	-4.474e-3	-4.077e-4	-4.003e-3
41	4	N41	.012	-.468	-.121	-6.332e-4	-4.077e-4	-4.849e-3
42	4	N42	.005	-.821	-.115	-4.134e-3	-4.123e-4	-3.801e-3
43	4	N43	.012	-.542	-.115	-6.166e-4	-4.121e-4	-3.94e-3
44	4	N44	.005	-.881	-.108	-3.795e-3	-4.167e-4	-3.662e-3
45	4	N45	.012	-.6	-.108	-5.999e-4	-4.163e-4	-2.86e-3
46	4	N46	.006	-.903	-.102	-3.929e-3	1.287e-4	-1.667e-3
47	4	N47	.004	-.961	-.102	-3.032e-3	1.439e-4	-1.667e-3
48	4	N48	.01	-.749	-.102	-5.194e-3	1.052e-4	-1.667e-3
49	4	N49	.01	-.005	0	-6.365e-5	1.148e-4	-3.911e-3
50	4	N50	.008	-.831	-.102	-4.656e-3	1.152e-4	-1.667e-3
51	4	N51	.008	-.006	0	-4.383e-5	1.138e-4	-3.914e-3
52	4	N52	-.012	-.888	-.102	4.388e-3	1.378e-4	-1.667e-3
53	4	N53	-.015	-.809	-.102	5.348e-3	1.367e-4	-1.667e-3
54	4	N54	-.015	-.611	-.159	2.68e-3	1.365e-4	-6.164e-4
55	4	N55	-.019	-.607	-.102	6.989e-3	1.353e-4	-1.667e-3
56	4	N56	-.017	-.715	-.102	6.222e-3	1.36e-4	-1.667e-3
57	4	N57	-.021	-.488	-.102	7.629e-3	1.346e-4	-1.667e-3
58	4	N58	-.023	-.359	-.102	8.121e-3	1.34e-4	-1.667e-3
59	4	N59	-.025	-.223	-.102	8.444e-3	1.341e-4	-1.667e-3
60	4	N60	-.028	-.084	-.102	8.577e-3	1.344e-4	-1.667e-3
61	4	N61	-.012	-.646	-.159	1.502e-3	1.377e-4	-6.164e-4
62	4	N62	-.017	-.558	-.159	3.763e-3	1.361e-4	-6.164e-4
63	4	N63	-.019	-.04	-.084	4.867e-5	2.293e-4	-1.15e-3
64	4	N64	-.044	-.212	-.131	-2.272e-3	2.953e-4	-1.983e-4
65	4	N65	-.028	-.049	-.131	0	2.955e-4	-2.77e-4
66	4	N66	-.044	-.214	-.135	-2.272e-3	2.968e-4	-7.155e-5
67	4	N67	-.028	-.053	-.135	0	2.973e-4	-2.682e-4
68	4	N68	-.044	-.215	-.14	-2.272e-3	3.005e-4	-1.213e-5
69	4	N69	-.028	-.057	-.14	0	2.99e-4	-2.746e-4
70	4	N70	-.044	-.215	-.145	-2.272e-3	2.992e-4	-5.73e-7

~~Joint Deflections Cont'd~~

	LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
71	4	N71	-.028	-.062	-.145	0	2.994e-4	-2.914e-4
72	4	N72	-.044	-.214	-.15	-2.272e-3	2.987e-4	2.919e-5
73	4	N73	-.028	-.067	-.15	0	2.99e-4	-2.996e-4
74	4	N74	-.044	-.214	-.155	-2.272e-3	2.987e-4	6.337e-5
75	4	N75	-.028	-.072	-.155	0	2.987e-4	-3.018e-4
76	4	N76	-.044	-.2	-.121	-2.272e-3	2.923e-4	-6.007e-4
77	4	N77	-.028	-.04	-.121	0	2.923e-4	-3.237e-4
78	4	N78	-.044	-.189	-.117	-2.272e-3	2.91e-4	-8.484e-4
79	4	N79	-.028	-.034	-.117	0	2.91e-4	-3.526e-4
80	4	N80	-.044	-.173	-.112	-2.272e-3	2.898e-4	-1.109e-3
81	4	N81	-.028	-.028	-.112	0	2.898e-4	-3.796e-4
82	4	N82	-.044	-.153	-.107	-2.272e-3	2.888e-4	-1.369e-3
83	4	N83	-.028	-.022	-.107	0	2.888e-4	-4.e-4
84	4	N84	-.044	-.129	-.103	-2.272e-3	2.88e-4	-1.614e-3
85	4	N85	-.028	-.015	-.103	0	2.88e-4	-4.096e-4
86	4	N86	-.044	-.101	-.098	-2.272e-3	2.874e-4	-1.831e-3
87	4	N87	-.028	-.009	-.098	0	2.874e-4	-4.099e-4
88	4	N88	-.044	-.071	-.094	-2.272e-3	2.862e-4	-2.006e-3
89	4	N89	-.028	-.002	-.094	0	2.872e-4	-4.117e-4
90	4	N90	-.044	-.037	-.089	-2.272e-3	2.848e-4	-2.126e-3
91	4	N91	-.05	-.016	-.208	4.442e-5	3.243e-4	-1.93e-4
92	4	N92	-.05	-.254	-.142	-1.769e-3	3.121e-4	-9.105e-6
93	4	N93	-.045	-.015	-.208	-1.382e-4	3.235e-4	-2.041e-4
94	4	N94	-.045	-.005	-.003	-1.045e-4	3.219e-4	-9.818e-6
95	4	N95	-.05	-.006	-.003	-7.762e-5	3.254e-4	-9.818e-6
96	4	N96	-.05	-.002	0	-8.929e-5	3.355e-4	-5.143e-3
97	4	N97	-.055	-.007	-.003	-7.286e-5	3.216e-4	-9.818e-6
98	4	N98	-.06	-.008	-.003	-5.213e-5	3.208e-4	-9.818e-6
99	4	N99	-.065	-.009	-.003	-2.815e-5	3.274e-4	-9.818e-6
100	4	N100	-.065	-.006	-.208	-7.158e-5	3.267e-4	-1.592e-4
101	4	N101	-.065	-.305	-.142	-2.325e-4	3.267e-4	-9.105e-6
102	4	N102	-.071	-.011	-.003	-6.412e-5	3.28e-4	-9.818e-6
103	4	N103	-.071	-.007	-.208	-3.953e-5	3.283e-4	-1.476e-4
104	4	N104	-.071	-.304	-.142	3.265e-4	3.282e-4	-9.105e-6
105	4	N105	-.076	-.011	-.003	8.795e-6	3.279e-4	-9.818e-6
106	4	N106	-.076	-.007	-.208	-1.676e-5	3.281e-4	-1.359e-4
107	4	N107	-.076	-.294	-.142	8.859e-4	3.28e-4	-9.105e-6
108	4	N108	-.081	-.01	-.003	4.795e-5	3.277e-4	-9.818e-6
109	4	N109	-.081	-.007	-.208	-1.256e-6	3.266e-4	-1.242e-4
110	4	N110	-.081	-.275	-.142	1.427e-3	3.262e-4	-9.105e-6
111	4	N111	-.086	-.007	-.003	7.436e-5	3.199e-4	-9.818e-6
112	4	N112	-.086	-.007	-.208	1.334e-5	3.225e-4	-1.126e-4
113	4	N113	-.086	-.248	-.142	1.933e-3	3.227e-4	-9.105e-6
114	4	N114	-.091	-.005	-.003	9.402e-5	3.196e-4	-9.818e-6
115	4	N115	-.091	-.007	-.208	3.075e-5	3.178e-4	-1.009e-4
116	4	N116	-.091	-.212	-.142	2.384e-3	3.176e-4	-9.105e-6
117	4	N117	-.097	-.005	-.003	-1.123e-4	3.068e-4	-9.818e-6
118	4	N118	-.097	-.006	-.208	5.218e-5	3.111e-4	-8.924e-5
119	4	N119	-.097	-.17	-.142	2.762e-3	3.108e-4	-9.105e-6
120	4	N120	-.101	-.005	-.208	6.206e-5	3.064e-4	-7.757e-5
121	4	N121	-.101	-.121	-.142	3.05e-3	3.023e-4	-9.105e-6
122	4	N122	-.106	-.004	-.208	9.503e-6	3.126e-4	-6.591e-5

~~Joint Deflections Continued~~

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]	
123	4	N123	-.106	-.069	-.142	3.229e-3	2.927e-4	-9.105e-6
124	4	N124	-.109	-.005	-.208	-1.985e-4	-1.635e-4	-5.424e-5
125	4	N125	-.109	-.139	-.142	-5.748e-2	-5.182e-4	-9.105e-6
126	4	N126	-.102	-.008	-.208	-3.173e-4	-5.301e-4	-4.257e-5
127	4	N127	-.102	-1.06	-.142	-5.749e-2	-4.689e-4	-9.105e-6
128	4	N128	-.101	-.007	-.003	-5.197e-5	3.094e-4	-9.818e-6
129	4	N129	-.106	-.007	-.003	3.342e-5	3.138e-4	-9.818e-6
130	4	N130	-.109	-.005	-.003	8.467e-5	-1.686e-4	-9.818e-6
131	4	N131	-.102	-.004	-.003	1.128e-4	-5.412e-4	-9.818e-6
132	4	N132	-.101	-.013	-.002	-5.704e-5	-5.254e-4	0
133	4	N133	-.092	-.014	-.002	-1.21e-5	-5.975e-4	0
134	4	N134	-.082	-.002	-.003	4.164e-5	-6.273e-4	-9.818e-6
135	4	N135	-.092	-.003	-.003	3.149e-5	-6.135e-4	-9.818e-6
136	4	N136	-.071	-.003	-.003	-5.953e-5	-7.171e-4	-9.818e-6
137	4	N137	-.06	-.004	-.003	-4.17e-5	-7.243e-4	-9.818e-6
138	4	N138	-.048	-.005	-.002	-1.198e-4	-7.407e-4	0
139	4	N139	-.048	-.004	-.003	-1.481e-5	-7.364e-4	-9.818e-6
140	4	N140	-.036	-.007	-.002	-1.101e-4	-7.406e-4	0
141	4	N141	-.036	-.004	-.003	1.748e-5	-7.438e-4	-9.818e-6
142	4	N142	-.024	-.004	-.003	5.579e-5	-7.491e-4	-9.818e-6
143	4	N143	-.012	-.002	-.003	9.384e-5	-7.534e-4	-9.818e-6
144	4	N144	-.099	-.024	-.048	4.725e-4	2.694e-3	-7.861e-4
145	4	N145	-.082	-.034	-.048	-2.994e-4	-6.63e-4	-6.434e-4
146	4	N146	-.082	-.001	-.005	-3.572e-5	-6.912e-4	1.502e-4
147	4	N147	-.092	-.028	-.048	-3.858e-4	-6.329e-4	-7.311e-4
148	4	N148	-.071	-.038	-.048	-1.577e-4	-7.072e-4	-5.557e-4
149	4	N149	-.071	-.002	-.005	-2.045e-5	-7.051e-4	1.502e-4
150	4	N150	-.06	-.039	-.048	1.893e-5	-7.26e-4	-4.68e-4
151	4	N151	-.06	-.002	-.005	3.751e-7	-7.259e-4	1.502e-4
152	4	N152	-.048	-.002	-.005	2.676e-5	-7.371e-4	1.502e-4
153	4	N153	-.036	-.001	-.005	2.498e-5	-7.438e-4	1.502e-4
154	4	N154	-.024	0	-.005	1.835e-5	-7.471e-4	1.502e-4
155	4	N155	-.054	-.038	-.048	1.128e-4	-7.325e-4	-4.251e-4
156	4	N156	-.054	-.013	0	-3.158e-5	-7.368e-4	0
157	4	N157	-.048	-.037	-.048	2.129e-4	-7.376e-4	-3.803e-4
158	4	N158	-.048	-.013	0	-3.911e-6	-7.381e-4	0
159	4	N159	-.036	-.032	-.048	4.046e-4	-7.434e-4	-2.926e-4
160	4	N160	-.036	-.013	0	4.517e-5	-7.435e-4	0
161	4	N161	-.024	-.024	-.048	5.724e-4	-7.489e-4	-2.049e-4
162	4	N162	-.024	-.012	0	7.835e-5	-7.462e-4	0
163	4	N163	-.012	-.014	-.048	6.946e-4	-7.543e-4	-1.172e-4
164	4	N164	-.001	-.028	-.085	2.854e-4	1.49e-4	-2.606e-3
165	4	N165	.006	-.017	-.085	-5.132e-4	1.711e-4	-2.605e-3
166	4	N166	-.017	-.039	-.085	-5.065e-4	1.184e-4	-2.607e-3
167	4	N167	-.019	-.044	-.085	4.856e-5	2.05e-4	-2.607e-3
168	4	N168	-.021	-.037	-.085	6.22e-4	1.17e-4	-2.515e-3
169	4	N169	-.027	-.002	-.001	2.394e-5	1.301e-4	-1.245e-3
170	4	N170	-.03	.001	-.085	-1.28e-4	3.293e-4	-2.18e-3
171	4	N171	-.03	0	0	-2.289e-5	3.293e-4	0
172	4	N172	-.036	0	-.085	-1.076e-4	3.293e-4	-2.176e-3
173	4	N173	-.036	-.001	0	1.565e-6	3.293e-4	0
174	4	N174	-.041	-.002	-.085	-8.347e-5	3.293e-4	-2.171e-3

~~Joint Deflections Continued~~

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
175	N175	-.041	0	0	2.348e-5	3.293e-4	0
176	N176	-.029	.002	-.085	0	0	-2.181e-3
177	N177	.024	.127	-.124	0	0	2.947e-4
178	N178	.006	-.302	-.124	-3.957e-3	2.761e-4	-6.763e-4
179	N179	.023	.136	-.128	0	0	6.16e-4
180	N180	.006	-.309	-.128	-4.252e-3	2.775e-4	-4.414e-4
181	N181	.021	.139	-.134	0	0	1.177e-3
182	N182	.006	-.314	-.134	-4.843e-3	2.814e-4	2.081e-5
183	N183	.022	.142	-.131	0	0	9.134e-4
184	N184	.006	-.312	-.131	-4.547e-3	2.793e-4	-2.089e-4
185	N185	.019	.12	-.138	0	0	1.398e-3
186	N186	.006	-.312	-.138	-5.138e-3	2.853e-4	2.471e-4
187	N187	.012	-.066	-.141	-7.582e-3	3.019e-4	1.568e-3
188	N188	.006	-.307	-.141	-5.433e-3	3.018e-4	4.488e-4
189	N189	.012	-.046	-.145	-7.582e-3	3.152e-4	1.683e-3
190	N190	.006	-.3	-.145	-5.728e-3	3.147e-4	6.135e-4
191	N191	.006	-.281	-.153	-6.319e-3	3.348e-4	8.26e-4
192	N192	.012	-.024	-.149	-7.582e-3	3.218e-4	1.742e-3
193	N193	.006	-.291	-.149	-6.023e-3	3.258e-4	7.397e-4
194	N194	.006	-.27	-.157	-6.614e-3	3.399e-4	8.734e-4
195	N195	.024	.097	-.118	0	0	-3.723e-4
196	N196	.006	-.28	-.118	-3.367e-3	2.738e-4	-1.155e-3
197	N197	.023	.078	-.114	0	0	-6.933e-4
198	N198	.006	-.265	-.114	-3.072e-3	2.728e-4	-1.4e-3
199	N199	.021	.047	-.108	0	0	-1.254e-3
200	N200	.006	-.225	-.108	-2.481e-3	2.711e-4	-1.901e-3
201	N201	.019	.029	-.105	0	0	-1.474e-3
202	N202	.006	-.201	-.105	-2.186e-3	2.716e-4	-2.157e-3
203	N203	.012	-.06	-.101	-3.91e-3	2.84e-4	-1.644e-3
204	N204	.006	-.173	-.101	-1.891e-3	2.841e-4	-2.387e-3
205	N205	.012	-.039	-.098	-3.784e-3	2.931e-4	-1.759e-3
206	N206	.006	-.142	-.098	-1.596e-3	2.929e-4	-2.575e-3
207	N207	.022	.063	-.111	0	0	-9.909e-4
208	N208	.006	-.247	-.111	-2.776e-3	2.719e-4	-1.649e-3
209	N209	.012	-.017	-.094	-3.657e-3	2.985e-4	-1.818e-3
210	N210	.006	-.11	-.094	-1.3e-3	2.985e-4	-2.719e-3
211	N211	.006	-.076	-.091	-1.005e-3	3.017e-4	-2.819e-3
212	N212	.006	-.041	-.087	-7.1e-4	3.033e-4	-2.874e-3
213	N213	.006	-.009	-.074	-5.132e-4	6.439e-4	-3.987e-4
214	N214	-.001	-.052	-.074	2.456e-4	6.437e-4	1.349e-3
215	N215	.006	-.004	-.064	-5.132e-4	6.39e-4	-2.319e-4
216	N216	-.001	-.071	-.064	2.058e-4	6.39e-4	9.316e-4
217	N217	.006	-.002	-.054	-5.132e-4	6.312e-4	-1.207e-4
218	N218	-.001	-.082	-.054	1.66e-4	6.311e-4	4.709e-4
219	N219	.006	0	-.044	-5.132e-4	6.201e-4	-4.7e-5
220	N220	-.001	-.086	-.044	1.262e-4	6.201e-4	-1.132e-5
221	N221	.006	0	-.034	-5.132e-4	6.053e-4	-4.402e-6
222	N222	-.001	-.082	-.034	8.638e-5	6.063e-4	-4.928e-4
223	N223	.006	0	-.024	-5.132e-4	5.875e-4	8.267e-6
224	N224	-.001	-.07	-.024	4.658e-5	5.894e-4	-9.515e-4
225	N225	.006	0	-.015	-5.132e-4	5.749e-4	5.3e-6
226	N226	-.001	-.051	-.015	6.783e-6	5.609e-4	-1.366e-3



~~Point Deflections Continued~~

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
227	N227	.006	0	-.006	-5.132e-4	4.779e-4	-8.251e-5
228	N228	-.001	-.026	-.007	-3.301e-5	5.152e-4	-1.703e-3
229	N229	.012	-.214	-.138	-6.776e-4	-3.948e-4	-6.394e-3
230	N230	.012	-.365	-.129	-6.526e-4	-4.023e-4	-5.685e-3
231	N231	.012	-.494	-.119	-6.276e-4	-4.092e-4	-4.564e-3
232	N232	.012	-.645	-.099	-5.776e-4	-4.23e-4	-1.178e-3
233	N233	.012	-.591	-.109	-6.026e-4	-4.157e-4	-3.049e-3
234	N234	.012	-.649	-.089	-5.526e-4	-4.308e-4	6.416e-4
235	N235	.012	-.611	-.079	-5.276e-4	-4.382e-4	2.229e-3
236	N236	.012	-.435	-.057	-4.777e-4	-4.524e-4	4.629e-3
237	N237	.012	-.537	-.068	-5.027e-4	-4.454e-4	3.563e-3
238	N238	.012	-.31	-.046	-4.527e-4	-4.595e-4	5.409e-3
239	N239	.012	-.17	-.035	-4.277e-4	-4.658e-4	5.889e-3
240	N240	.012	-.022	-.024	-4.027e-4	-4.129e-4	0
241	N241	.005	-.305	-.159	-6.545e-3	1.641e-4	-6.164e-4
242	N242	-.099	-1.404	-.142	-8.145e-3	0	-9.105e-6
243	N243	-.075	-.002	-.003	0	0	-9.818e-6
244	N244	-.08	-.002	-.003	0	0	-9.818e-6
245	N245	-.1	-.003	-.003	0	0	-9.818e-6
246	N246	-.095	-.004	-.003	0	0	-9.818e-6
247	N247	-.081	-.01	-.003	0	0	-9.818e-6
248	N248	-.086	-.007	-.003	0	0	-9.818e-6
249	N249	-.066	-.009	-.003	0	0	-9.818e-6
250	N250	-.043	-.004	-.003	0	0	-9.818e-6
251	N251	.006	0	-.001	-5.131e-4	1.541e-4	-1.561e-3
252	N252	0	0	0	0	1.054e-4	1.465e-3
253	N253	-.004	-.006	-.001	1.078e-5	8.384e-5	-1.737e-3
254	N254	0	0	0	0	8.384e-5	0
255	N255	-.006	-.006	-.001	2.198e-5	1.45e-4	-1.673e-3
256	N256	0	0	0	0	1.45e-4	0
257	N257	-.008	-.005	-.001	1.578e-5	1.404e-4	-1.61e-3
258	N258	0	0	0	0	1.404e-4	0
259	N259	-.01	-.005	-.001	9.806e-6	1.395e-4	-1.546e-3
260	N260	0	0	0	0	1.395e-4	0
261	N261	-.012	-.005	-.001	1.858e-5	1.399e-4	-1.482e-3
262	N262	0	0	0	0	1.399e-4	0
263	N263	-.015	-.005	-.001	3.542e-5	1.33e-4	-1.419e-3
264	N264	0	0	0	0	1.33e-4	0
265	N265	-.017	-.004	-.001	5.414e-5	1.354e-4	-1.355e-3
266	N266	0	0	0	0	1.354e-4	0
267	N267	-.019	-.003	-.001	6.395e-5	1.418e-4	-1.293e-3
268	N268	0	0	0	0	1.418e-4	0
269	N269	-.021	-.002	-.001	3.336e-5	1.333e-4	-1.228e-3
270	N270	0	0	0	0	-1.054e-4	1.558e-3
271	N271	-.023	-.002	-.001	4.858e-6	1.299e-4	-1.239e-3
272	N272	0	0	0	0	1.299e-4	0
273	N273	0	0	0	0	-3.608e-4	0
274	N274	-.001	-.004	0	-6.037e-5	0	0
275	N275	0	0	0	0	0	0
276	N276	.005	-.004	-.001	-1.506e-4	1.7e-4	-1.702e-3
277	N277	0	0	0	0	1.7e-4	0
278	N278	.006	-.001	-.001	-1.426e-4	2.284e-5	-1.625e-3

~~Point Deflections Cont'd~~

	LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
279	4	N279	0	0	0	0	2.284e-5	0
280	4	N280	.006	0	-.009	-5.132e-4	0	0
281	4	N281	0	0	0	0	0	0
282	4	N282	.006	0	-.037	-5.132e-4	6.104e-4	-1.411e-5
283	4	N283	0	0	0	0	6.104e-4	0
284	4	N284	.006	0	-.044	-5.132e-4	6.209e-4	-5.074e-5
285	4	N285	0	0	0	0	6.209e-4	0
286	4	N286	.006	-.01	-.075	-5.132e-4	6.441e-4	-4.115e-4
287	4	N287	0	0	0	0	6.441e-4	0
288	4	N288	0	0	0	0	-3.609e-4	0
289	4	N289	0	0	0	0	-3.613e-4	0
290	4	N290	0	0	0	0	-3.592e-4	0
291	4	N291	-.29	-.002	-.001	0	0	-3.109e-4
292	4	N292	0	0	0	0	0	0
293	4	N293	-.019	-.019	-.01	0	0	0
294	4	N294	0	0	0	0	0	0
295	4	N295	-.29	0	0	0	0	0
296	4	N296	0	0	0	0	0	0
297	4	N297	-.019	0	0	0	0	0
298	4	N298	0	0	0	0	0	0
299	4	N299	.012	0	-.085	-3.561e-3	3.851e-4	-2.605e-3
300	4	N300	0	0	0	2.239e-3	-8.263e-5	0
301	4	N301	0	0	0	2.15e-3	8.427e-5	0
302	4	N302	0	0	0	0	0	0
303	4	N303	.012	-.036	-.159	-7.582e-3	0	-6.164e-4
304	4	N304	0	0	0	0	0	0
305	4	N305	.012	-.002	-.159	-7.18e-4	-3.346e-4	-6.164e-4
306	4	N306	0	0	0	0	-3.346e-4	0
307	4	N307	0	0	0	0	0	0
308	4	N308	0	0	0	0	0	0
309	4	N309	0	0	0	0	2.783e-4	5.869e-3
310	4	N310	0	0	0	0	0	0
311	4	N311	0	0	0	0	0	0
312	4	N312	0	0	0	0	0	0
313	4	N313	0	0	0	0	0	0
314	4	N314	0	0	0	0	0	0
315	4	N315	0	0	0	0	0	0
316	4	N316	0	0	0	0	0	0
317	4	N317	0	0	0	-3.115e-5	3.318e-6	0
318	4	N318	0	0	0	-5.936e-5	-3.324e-6	0
319	4	N319	0	0	-.003	3.054e-6	-1.702e-5	-9.818e-6
320	4	N320	0	0	0	0	-1.702e-5	0
321	4	N321	0	0	0	0	-2.05e-5	0
322	4	N322	0	0	-.005	2.946e-6	-7.569e-4	1.491e-4
323	4	N323	0	0	0	0	-6.034e-6	-1.488e-4
324	4	N324	-.016	0	-.005	0	0	1.502e-4
325	4	N325	0	0	0	0	0	0
326	4	N326	-.034	-.001	-.005	2.19e-5	-7.447e-4	1.502e-4
327	4	N327	0	0	0	0	-7.447e-4	0
328	4	N328	-.038	-.001	-.005	2.772e-5	-7.428e-4	1.502e-4
329	4	N329	0	0	0	0	4.737e-6	4.482e-4
330	4	N330	0	0	0	0	0	0

~~Point Deflections Continued~~

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
331	4 N331	0	0	0	0	0	0
332	4 N332	-.069	-.002	-.005	-1.764e-5	-7.1e-4	1.502e-4
333	4 N333	0	0	0	0	-7.1e-4	0
334	4 N334	-.086	-.001	-.005	0	0	1.502e-4
335	4 N335	0	0	0	0	0	0
336	4 N336	-.099	-.035	-.089	5.665e-4	-3.812e-3	-2.457e-4
337	4 N337	0	0	0	0	-3.812e-3	0
338	4 N338	-.099	-.016	-.024	4.162e-4	0	-2.457e-4
339	4 N339	0	0	0	0	0	0
340	4 N340	0	0	0	0	-6.881e-4	0
341	4 N341	0	0	0	0	0	0
342	4 N342	0	0	0	0	-7.012e-3	0
343	4 N343	0	0	0	0	0	0
344	4 N344	-.099	-.01	-.208	-2.308e-3	-8.6e-3	-3.822e-5
345	4 N345	0	0	0	0	-8.6e-3	0
346	4 N346	0	0	0	0	0	0
347	4 N347	0	0	0	0	0	0
348	4 N348	0	0	0	0	-3.743e-4	0
349	4 N349	-.025	-.002	-.001	-1.218e-5	1.35e-4	-1.241e-3
350	4 N350	0	0	0	0	1.35e-4	0
351	4 N351	.012	-.001	-.087	-3.571e-3	3.032e-4	-2.452e-4
352	4 N352	0	0	0	0	3.032e-4	0
353	4 N353	.012	-.004	-.091	-3.586e-3	3.016e-4	-2.737e-4
354	4 N354	0	0	0	0	3.016e-4	0
355	4 N355	.012	-.017	-.153	-7.582e-3	3.376e-4	-7.566e-4
356	4 N356	0	0	0	0	1.201e-6	-7.978e-6
357	4 N357	.012	-.027	-.157	-7.582e-3	3.388e-4	-9.381e-4
358	4 N358	0	0	0	0	1.449e-6	7.037e-6
359	4 N359	.012	-.007	-.157	-7.15e-4	-3.718e-4	-7.906e-4
360	4 N360	0	0	0	0	-3.718e-4	0
361	4 N361	.012	-.017	-.153	-7.103e-4	-3.81e-4	-1.085e-3
362	4 N362	0	0	0	0	-3.81e-4	0
363	4 N363	.012	-.051	-.148	-7.026e-4	-3.911e-4	-6.672e-3
364	4 N364	.012	-.069	-.147	-6.999e-4	-3.911e-4	-6.663e-3
365	4 N365	0	0	0	0	1.303e-4	0
366	4 N366	.004	-.009	0	-8.547e-5	1.433e-4	-4.014e-3
367	4 N367	0	0	0	0	1.433e-4	0
368	4 N368	.002	-.01	0	-4.215e-5	1.509e-4	-4.076e-3
369	4 N369	0	0	0	0	1.509e-4	0
370	4 N370	0	0	0	0	1.515e-4	0
371	4 N371	-.003	-.01	0	-4.476e-6	1.481e-4	-4.201e-3
372	4 N372	0	0	0	0	1.481e-4	0
373	4 N373	-.006	-.01	0	9.473e-6	1.447e-4	-4.263e-3
374	4 N374	0	0	0	0	1.447e-4	0
375	4 N375	0	0	0	0	1.423e-4	0
376	4 N376	-.01	-.01	0	-3.169e-5	1.393e-4	-4.387e-3
377	4 N377	0	0	0	0	1.393e-4	0
378	4 N378	-.012	-.011	0	-7.212e-5	1.376e-4	-4.449e-3
379	4 N379	0	0	0	0	1.376e-4	0
380	4 N380	0	0	0	0	1.371e-4	0
381	4 N381	-.017	-.016	0	-1.816e-4	1.358e-4	-4.573e-3
382	4 N382	0	0	0	0	1.358e-4	0

~~Point Deflections Continued~~

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
383	N383	-.019	-.019	0	-2.741e-5	1.353e-4	-4.636e-3
384	N384	0	0	0	0	1.353e-4	0
385	N385	-.021	-.017	0	2.295e-4	1.345e-4	-4.698e-3
386	N386	0	0	0	0	1.345e-4	0
387	N387	-.023	-.012	0	2.389e-4	1.35e-4	-4.76e-3
388	N388	0	0	0	0	1.35e-4	0
389	N389	-.025	-.009	0	1.624e-4	1.236e-4	-4.822e-3
390	N390	0	0	0	0	1.236e-4	0
391	N391	-.028	-.007	0	9.437e-5	1.859e-4	-4.884e-3
392	N392	0	0	0	0	1.859e-4	0
393	N393	-.031	-.007	0	6.26e-5	2.777e-4	-4.946e-3
394	N394	0	0	0	0	2.777e-4	0
395	N395	-.036	-.006	0	8.242e-5	3.01e-4	-5.008e-3
396	N396	0	0	0	0	3.01e-4	0
397	N397	-.041	-.004	0	1.297e-4	3.051e-4	-5.071e-3
398	N398	0	0	0	0	3.051e-4	0
399	N399	-.045	-.002	0	1.588e-4	2.941e-4	-5.119e-3
400	N400	0	0	0	0	2.941e-4	0
401	N401	-.101	-.007	-.002	-1.551e-4	3.385e-4	0
402	N402	0	0	0	0	3.385e-4	0
403	N403	-.106	-.009	-.002	-1.415e-4	2.411e-4	0
404	N404	0	0	0	0	2.411e-4	0
405	N405	-.071	-.01	-.002	2.193e-4	-7.119e-4	0
406	N406	0	0	0	0	-7.119e-4	0
407	N407	-.06	-.006	-.002	2.323e-4	-7.229e-4	0
408	N408	0	0	0	0	-7.229e-4	0
409	N409	-.024	-.005	-.002	1.145e-4	-7.494e-4	0
410	N410	0	0	0	0	-7.494e-4	0
411	N411	-.012	-.004	-.002	1.482e-4	-7.529e-4	0
412	N412	0	0	0	0	-7.529e-4	0
413	N413	-.012	0	-.005	1.811e-5	-7.597e-4	1.499e-4
414	N414	0	0	0	0	-7.597e-4	0
415	N415	-.092	-.002	0	-2.243e-4	0	0
416	N416	0	0	0	0	0	0
417	N417	-.012	0	0	6.946e-4	0	0
418	N418	0	0	0	0	0	0
419	N419	-.041	-.023	-.102	9.197e-4	2.999e-4	-1.667e-3
420	N420	-.036	-.037	-.102	8.405e-4	3.024e-4	-1.667e-3
421	N421	-.031	-.05	-.102	8.255e-4	2.758e-4	-1.667e-3
422	N422	-.041	-.189	-.159	-2.486e-3	3.235e-4	-6.164e-4
423	N423	0	-.19	0	-2.38e-3	8.162e-6	-9.028e-4
424	N424	-.036	-.149	-.159	-2.511e-3	2.955e-4	-6.164e-4
425	N425	0	-.147	0	-2.933e-3	9.861e-6	-9.028e-4
426	N426	-.031	-.108	-.159	-2.432e-3	2.766e-4	-6.164e-4
427	N427	0	-.096	0	-3.347e-3	1.063e-5	-9.028e-4
428	N428	-.027	-.094	-.159	6.636e-3	1.331e-4	-6.164e-4
429	N429	-.025	-.203	-.159	6.474e-3	1.334e-4	-6.164e-4
430	N430	-.023	-.307	-.159	6.083e-3	1.339e-4	-6.164e-4
431	N431	-.021	-.403	-.159	5.486e-3	1.348e-4	-6.164e-4
432	N432	-.019	-.487	-.159	4.706e-3	1.357e-4	-6.164e-4
433	N433	-.019	-.49	-.159	4.681e-3	1.358e-4	-6.164e-4
434	N434	-.027	-.004	-.085	5.148e-4	1.333e-4	-2.246e-3

~~Joint Deflections Continued~~

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
435	N435	0	0	0	0	1.333e-4	0
436	N436	-.025	-.012	-.085	6.376e-4	1.333e-4	-2.336e-3
437	N437	0	0	0	0	1.333e-4	0
438	N438	-.023	-.024	-.085	7.793e-4	1.361e-4	-2.425e-3
439	N439	0	0	0	0	1.361e-4	0
440	N440	-.015	-.027	-.085	-6.928e-4	1.388e-4	-2.607e-3
441	N441	0	0	0	0	1.388e-4	0
442	N442	-.012	-.016	-.085	-5.232e-4	1.373e-4	-2.607e-3
443	N443	0	0	0	0	1.373e-4	0
444	N444	-.01	-.01	-.085	-2.115e-4	1.393e-4	-2.606e-3
445	N445	0	0	0	0	1.393e-4	0
446	N446	-.008	-.01	-.085	8.05e-5	1.446e-4	-2.606e-3
447	N447	0	0	0	0	1.446e-4	0
448	N448	-.006	-.013	-.085	3.286e-4	1.294e-4	-2.606e-3
449	N449	0	0	0	0	1.294e-4	0
450	N450	-.003	-.02	-.085	4.632e-4	1.668e-4	-2.606e-3
451	N451	0	0	0	0	1.668e-4	0
452	N452	0	-.028	-.085	2.172e-4	1.363e-4	-2.606e-3
453	N453	0	0	0	0	1.363e-4	0
454	N454	.001	-.027	-.085	-1.701e-4	1.457e-4	-2.605e-3
455	N455	0	0	0	0	1.457e-4	0
456	N456	.004	-.024	-.085	-6.179e-3	0	-2.605e-3
457	N457	0	0	0	0	0	0
458	N458	0	-.001	-.089	0	0	-2.126e-3
459	N459	0	0	0	0	0	-4.216e-6
460	N460	-.133	-.001	-.001	-5.85e-6	1.312e-3	-1.268e-3
461	N461	0	0	0	0	1.312e-3	0
462	N462	-.013	-.011	-.01	3.961e-4	-3.744e-4	0
463	N463	0	0	0	0	-3.744e-4	0
464	N464	-.204	0	0	0	-5.214e-3	0
465	N465	0	0	0	0	-5.214e-3	0
466	N466	-.154	-.001	-.001	5.298e-6	1.359e-3	-1.206e-3
467	N467	0	0	0	0	1.359e-3	0
468	N468	-.007	-.006	-.01	2.877e-4	-3.744e-4	0
469	N469	0	0	0	0	-3.744e-4	0
470	N470	-.121	0	0	0	-5.214e-3	0
471	N471	0	0	0	0	-5.214e-3	0
472	N472	-.175	-.001	-.001	-1.031e-5	1.349e-3	-9.884e-4
473	N473	0	0	0	0	1.349e-3	0
474	N474	-.001	-.002	-.01	2.411e-4	-3.744e-4	0
475	N475	0	0	0	0	-3.744e-4	0
476	N476	-.04	0	0	0	-5.214e-3	0
477	N477	0	0	0	0	-5.214e-3	0
478	N478	-.198	-.002	-.001	-4.67e-5	1.351e-3	-7.583e-4
479	N479	0	0	0	0	1.351e-3	0
480	N480	.005	.002	-.01	2.5e-4	-3.744e-4	0
481	N481	0	0	0	0	-3.744e-4	0
482	N482	-.219	-.003	-.001	-7.755e-5	1.347e-3	-5.346e-4
483	N483	0	0	0	0	1.347e-3	0
484	N484	-.241	-.004	-.001	-4.999e-5	1.347e-3	-3.109e-4
485	N485	0	0	0	0	1.347e-3	0
486	N486	-.262	-.005	-.001	3.032e-5	1.283e-3	-3.109e-4

~~Point Deflections Continued~~

	LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
487	4	N487	0	0	0	0	1.283e-3	0
488	4	N488	-.282	-.003	-.001	1.472e-4	1.25e-3	-3.109e-4
489	4	N489	0	0	0	0	1.25e-3	0
490	4	N490	0	0	0	0	-3.786e-4	0
491	4	N491	.006	-.004	-.004	0	-3.743e-4	-4.456e-4
492	4	N492	0	0	0	0	-3.743e-4	0
493	4	N493	0	0	-.003	3.268e-6	-1.581e-5	-4.45e-6
494	4	N494	0	0	0	0	-1.581e-5	0
495	4	N495	0	0	-.003	3.483e-6	-1.483e-5	-2.233e-6
496	4	N496	0	0	0	0	-1.483e-5	0
497	4	N497	0	0	-.003	3.697e-6	-1.405e-5	-1.13e-6
498	4	N498	0	0	0	0	-1.405e-5	0
499	4	N499	0	0	-.003	3.911e-6	-1.343e-5	-6.122e-7
500	4	N500	0	0	0	0	-1.343e-5	0
501	4	N501	0	0	-.002	4.126e-6	-1.296e-5	-5.356e-7
502	4	N502	0	0	0	0	-1.296e-5	0
503	4	N503	0	0	-.002	4.34e-6	-1.263e-5	-9.95e-7
504	4	N504	0	0	0	0	-1.263e-5	0
505	4	N505	0	0	-.002	4.554e-6	-1.243e-5	-1.401e-6
506	4	N506	0	0	0	0	-1.243e-5	0
507	4	N507	-.096	-.005	-.002	-1.671e-4	3.354e-4	0
508	4	N508	0	0	0	0	3.354e-4	0
509	4	N509	-.091	-.002	-.002	-1.531e-4	3.354e-4	0
510	4	N510	0	0	0	0	3.354e-4	0
511	4	N511	-.069	-.004	0	-1.036e-5	3.108e-4	-5.143e-3
512	4	N512	0	0	0	0	3.108e-4	0
513	4	N513	-.064	-.004	0	-8.28e-6	3.149e-4	-5.143e-3
514	4	N514	0	0	0	0	3.149e-4	0
515	4	N515	-.055	-.003	0	-7.342e-5	3.093e-4	-5.143e-3
516	4	N516	0	0	0	0	3.093e-4	0
517	4	N517	-.06	-.004	0	-2.842e-5	3.193e-4	-5.143e-3
518	4	N518	0	0	0	0	3.193e-4	0
519	4	N519	0	0	0	0	-2.784e-4	3.673e-3
520	4	N520	-.028	-.058	-.142	0	2.992e-4	-2.794e-4
521	4	N521	0	-.055	0	0	3.104e-7	-9.032e-4
522	4	N522	-.061	-.297	-.142	-7.405e-4	3.238e-4	-9.105e-6
523	4	N523	0	-.297	0	3.521e-5	2.802e-6	-9.032e-4
524	4	N524	0	0	0	0	0	0
525	4	N525	0	-.017	.008	0	0	0
526	4	N526	0	0	0	-1.438e-3	0	0
527	4	N527	-.044	-.003	-.085	-2.272e-3	2.843e-4	-2.169e-3
528	4	N528	0	0	0	-3.708e-3	2.843e-4	0
529	4	N529	-.044	0	0	0	0	0
530	4	N530	0	0	0	0	0	0
531	4	N531	-.026	0	0	0	0	0
532	4	N532	0	0	0	0	0	0
533	4	N533	-.028	0	-.092	0	-4.854e-8	0
534	4	N534	0	0	0	0	-4.854e-8	-1.536e-4
535	4	N535	-.028	-.076	-.159	0	0	-6.164e-4
536	4	N536	0	-.048	0	0	0	-9.028e-4
537	4	N537	-.044	-.212	-.159	-2.272e-3	6.485e-6	-6.164e-4
538	4	N538	0	-.211	0	-1.996e-3	6.485e-6	-9.028e-4

~~Joint Deflections Continued~~

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
539	N539	-.044	-.004	-.293	0	0	0
540	N540	-.016	-.003	0	0	0	0
541	N541	-.044	-.014	-.102	0	0	-1.667e-3
542	N542	-.016	-.011	0	0	0	1.01e-4
543	N543	-.061	-.004	-.208	0	0	-1.702e-4
544	N544	0	0	0	0	0	0
545	N545	-.028	-.062	-.102	0	0	-1.667e-3
546	N546	0	0	0	0	-4.807e-4	0
547	N547	.012	0	-.003	-3.846e-4	-5.883e-4	2.63e-4
548	N548	0	0	0	0	-5.883e-4	0
549	N549	-.027	.184	-.003	0	0	3.697e-3
550	N550	0	0	0	0	-3.747e-4	0
551	N551	0	0	0	0	0	0
552	N552	0	0	0	0	0	0
553	N553	0	0	0	0	0	0
554	N554	0	0	0	0	0	0
555	N555	0	0	0	0	0	0
556	N556	0	0	0	0	-3.747e-4	0
557	N557	0	0	0	0	0	0
558	N558	0	0	0	0	3.407e-4	0
559	N559	-.019	0	0	-4.061e-1	0	0
560	N560	.012	-.008	-.015	-3.915e-4	-4.701e-4	6.211e-4
561	N561	.072	.003	.131	0	0	0
562	N562	.072	.002	.055	0	0	0
563	N563	0	0	0	0	0	0
564	N564	-.069	-.034	.12	2.848e-3	7.103e-4	-8.68e-4
565	N565	-.016	-1.239	.12	-2.396e-3	1.607e-4	1.453e-3
566	N566	-.016	.086	-.002	-2.244e-5	0	0
567	N567	0	-.944	.12	-4.074e-3	2.184e-4	1.921e-3
568	N568	.043	.11	-.013	7.867e-4	0	0
569	N569	-.013	.05	-.013	-4.004e-4	0	0
570	N570	-.022	-.443	.049	-2.5e-3	-3.767e-4	2.389e-3
571	N571	-.022	.043	-.013	-2.439e-4	0	0
572	N572	-.004	-.55	.032	3.121e-4	-3.744e-4	-3.363e-4
573	N573	-.004	.052	-.013	-3.046e-4	0	0
574	N574	.005	-.501	.024	1.68e-3	-3.744e-4	-1.708e-3
575	N575	.005	.059	-.013	6.997e-5	0	0
576	N576	.014	-.394	.015	2.715e-3	-3.744e-4	-2.747e-3
577	N577	.014	.071	-.013	3.426e-4	0	0
578	N578	.023	-.249	.006	3.31e-3	-3.744e-4	-3.289e-3
579	N579	.023	.083	-.013	4.65e-4	0	0
580	N580	.032	-.088	-.002	3.518e-3	-3.743e-4	-3.246e-3
581	N581	.032	.093	-.013	6.895e-4	0	0
582	N582	-.004	-.549	.032	3.805e-4	-3.744e-4	-4.002e-4
583	N583	.043	.016	.032	0	0	3.88e-4
584	N584	.006	-.493	.023	1.801e-3	-3.744e-4	-1.806e-3
585	N585	.043	.022	.023	0	0	-1.948e-4
586	N586	.015	-.376	.014	2.855e-3	-3.744e-4	-2.819e-3
587	N587	.043	.039	.014	0	0	-7.097e-4
588	N588	.024	-.221	.005	3.453e-3	-3.744e-4	-3.247e-3
589	N589	.043	.063	.005	0	0	-1.006e-3
590	N590	.034	-.052	-.004	3.837e-3	-3.743e-4	-2.903e-3

~~Joint Deflections Continued~~

	LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
591	4	N591	.043	.082	-.004	0	0	-1.085e-3
592	4	N592	-.013	-.53	.041	-1.18e-3	-3.745e-4	1.136e-3
593	4	N593	.043	.022	.041	0	0	8.747e-4
594	4	N594	-.023	-.438	.05	-2.555e-3	-3.769e-4	2.431e-3
595	4	N595	.043	.038	.05	0	0	1.088e-3
596	4	N596	.037	-.077	.115	3.453e-3	-3.747e-4	2.583e-3
597	4	N597	-.178	-.171	.115	0	0	3.506e-3
598	4	N598	.072	-.004	.064	0	-3.747e-4	-2.669e-4
599	4	N599	.072	-.003	.122	0	-3.747e-4	2.73e-4
600	4	N600	.055	-.009	.131	1.757e-4	0	0
601	4	N601	.055	-.006	.055	1.051e-4	0	0
602	4	N602	.064	-.003	.131	3.681e-4	0	0
603	4	N603	.064	-.001	.055	2.961e-4	0	0
604	4	N604	.046	-.01	.131	-8.706e-5	0	0
605	4	N605	.046	-.005	.055	-1.508e-4	0	0
606	4	N606	-.028	.061	.028	0	0	-1.541e-4
607	4	N607	-.147	-.046	.028	0	0	6.765e-4
608	4	N608	-.028	.054	.019	0	0	3.311e-4
609	4	N609	-.147	-.057	.019	0	0	-1.225e-4
610	4	N610	-.028	.037	.037	0	0	-1.531e-3
611	4	N611	-.147	-.026	.037	0	0	1.095e-3
612	4	N612	.001	-.238	.13	0	0	-8.514e-3
613	4	N613	-.07	.174	.13	0	0	4.346e-4
614	4	N614	0	-.382	.13	-1.752e-2	3.077e-5	-9.682e-3
615	4	N615	-.069	.183	.13	0	0	-6.924e-4
616	4	N616	-.169	.295	.13	0	0	-4.642e-4
617	4	N617	-.069	.228	.13	0	0	-1.433e-3
618	4	N618	-.173	.113	.124	0	0	5.22e-3
619	4	N619	-.066	-.426	.125	0	0	4.1e-2
620	4	N620	.002	-.431	.129	0	0	-6.297e-3
621	4	N621	-.07	.196	.129	0	0	1.379e-3
622	4	N622	.002	-.572	.127	0	0	-3.641e-3
623	4	N623	-.07	.215	.127	0	0	-3.095e-4
624	4	N624	.002	-.671	.125	0	0	-1.138e-3
625	4	N625	-.071	.189	.125	0	0	-1.006e-4
626	4	N626	.003	-.763	.123	0	0	6.125e-4
627	4	N627	-.109	-.115	.045	-2.558e-4	-3.541e-4	-1.372e-3
628	4	N628	-.109	-.306	.071	-6.731e-4	-3.776e-4	-2.62e-3
629	4	N629	-.178	-.168	.071	0	0	-3.524e-3
630	4	N630	-.144	-.409	.115	-2.238e-3	-3.499e-4	3.393e-3
631	4	N631	-.152	-.353	.115	-2.386e-3	-3.476e-4	3.432e-3
632	4	N632	-.161	-.294	.115	-2.499e-3	-3.483e-4	3.471e-3
633	4	N633	-.108	-.083	.014	1.698e-4	-3.583e-4	-6.656e-4
634	4	N634	-.108	.013	-.013	4.276e-5	0	0
635	4	N635	-.1	-.078	.014	2.203e-4	-3.586e-4	-6.656e-4
636	4	N636	-.1	.013	-.013	6.185e-5	0	0
637	4	N637	-.141	-.091	.014	-2.685e-3	-3.816e-4	-6.656e-4
638	4	N638	-.034	-.269	.06	1.693e-3	0	-1.747e-3
639	4	N639	-.109	-.229	.06	-5.002e-4	-3.794e-4	-2.713e-3
640	4	N640	-.028	-.104	.051	0	0	-5.119e-3
641	4	N641	-.109	-.162	.051	-3.571e-4	-3.798e-4	-2.767e-3
642	4	N642	-.144	-.02	.039	-7.299e-4	0	0



~~Joint Deflections Continued~~

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
643	N643	-.144	-.24	.071	-7.299e-4	-3.499e-4	-3.155e-3
644	N644	-.053	-.269	.06	-5.39e-5	-3.679e-4	-1.988e-3
645	N645	-.053	-.652	.115	7.954e-4	-3.679e-4	2.975e-3
646	N646	-.028	-1.348	.12	-7.004e-5	1.367e-4	1.007e-3
647	N647	-.028	-.53	.029	-7.004e-5	4.613e-4	6.165e-3
648	N648	-.069	-.062	.029	9.815e-4	4.725e-4	2.422e-4
649	N649	-.069	-.02	-.002	-9.642e-5	0	0
650	N650	-.074	.009	-.149	-9.075e-4	0	0
651	N651	-.074	-.002	0	1.998e-4	0	0
652	N652	-.038	-.451	.029	9.86e-4	1.084e-4	4.62e-3
653	N653	-.038	.077	-.002	1.353e-4	0	0
654	N654	-.028	-.947	.069	-7.004e-5	6.578e-4	5.704e-3
655	N655	-.069	-.064	.069	1.942e-3	6.576e-4	-1.755e-4
656	N656	-.008	-.245	.055	1.193e-3	0	0
657	N657	-.008	-.444	.115	2.537e-3	-3.748e-4	2.777e-3
658	N658	-.017	-.259	.055	2.53e-4	0	0
659	N659	-.017	-.502	.115	2.238e-3	-3.739e-4	2.817e-3
660	N660	.001	-.206	.055	2.212e-3	0	0
661	N661	.001	-.379	.115	2.798e-3	-3.755e-4	2.738e-3
662	N662	-.152	.01	.039	-9.833e-4	0	0
663	N663	-.152	-.222	.071	-7.504e-4	-3.476e-4	-3.283e-3
664	N664	-.161	.03	.039	-7.517e-4	0	0
665	N665	-.161	-.204	.071	-7.552e-4	-3.483e-4	-3.412e-3
666	N666	-.136	-.461	.115	-2.06e-3	-3.516e-4	3.354e-3
667	N667	-.136	0	0	-6.995e-4	0	0
668	N668	-.136	-.257	.071	-6.995e-4	-3.517e-4	-3.026e-3
669	N669	-.127	-.509	.115	-1.857e-3	-3.525e-4	3.314e-3
670	N670	-.127	-.092	.045	-5.45e-4	-3.519e-4	-8.39e-4
671	N671	-.127	-.274	.071	-6.665e-4	-3.524e-4	-2.898e-3
672	N672	-.119	-.551	.115	-1.637e-3	-3.53e-4	3.275e-3
673	N673	-.119	-.104	.045	-4.338e-4	-3.524e-4	-1.085e-3
674	N674	-.119	-.289	.071	-6.396e-4	-3.526e-4	-2.769e-3
675	N675	-.11	-.588	.115	-1.404e-3	-3.519e-4	3.236e-3
676	N676	-.11	-.113	.045	-2.843e-4	-3.536e-4	-1.331e-3
677	N677	-.11	-.304	.071	-6.267e-4	-3.528e-4	-2.641e-3
678	N678	-.035	-.474	.029	9.106e-4	1.078e-4	5.025e-3
679	N679	-.035	.079	-.002	1.2e-4	0	0
680	N680	-.032	-.495	.029	8.532e-4	1.058e-4	5.43e-3
681	N681	-.032	.079	-.002	2.053e-4	0	0
682	N682	-.03	-.514	.029	8.181e-4	1.019e-4	5.835e-3
683	N683	-.03	.075	-.002	3.434e-4	0	0
684	N684	-.04	-.427	.029	1.075e-3	1.079e-4	4.215e-3
685	N685	-.04	.077	-.001	2.099e-4	0	0
686	N686	-.043	-.4	.029	1.174e-3	1.043e-4	3.81e-3
687	N687	-.043	.073	0	-1.296e-4	0	0
688	N688	-.045	-.371	.029	1.278e-3	9.986e-5	3.405e-3
689	N689	-.045	.064	-.001	-7.593e-5	0	0
690	N690	-.047	-.339	.029	1.385e-3	1.002e-4	3.e-3
691	N691	-.047	.056	-.001	-1.607e-5	0	0
692	N692	-.05	-.304	.029	1.49e-3	1.047e-4	2.595e-3
693	N693	-.05	.049	-.002	3.745e-5	0	0
694	N694	-.053	-.267	.029	1.588e-3	1.134e-4	2.19e-3

~~Joint Deflections Continued~~

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
695	N695	-.053	.044	0	9.725e-5	0	0
696	N696	-.055	-.228	.029	1.677e-3	1.2e-4	1.785e-3
697	N697	-.055	.041	0	1.502e-4	0	0
698	N698	-.058	-.186	.029	1.752e-3	1.292e-4	1.38e-3
699	N699	-.058	.026	-.002	-2.037e-4	0	0
700	N700	-.062	-.143	.029	1.809e-3	1.49e-4	9.753e-4
701	N701	-.062	.011	-.002	-2.675e-4	0	0
702	N702	-.066	-.099	.029	1.843e-3	1.796e-4	5.704e-4
703	N703	-.065	-.008	-.001	-3.251e-4	0	0
704	N704	-.028	-.808	.054	-7.004e-5	6.087e-4	5.857e-3
705	N705	-.069	-.067	.054	1.614e-3	6.074e-4	-4.208e-5
706	N706	-.028	-.666	.04	-7.004e-5	5.426e-4	6.019e-3
707	N707	-.069	-.066	.04	1.286e-3	5.42e-4	1.058e-4
708	N708	-.028	-1.082	.086	-7.004e-5	6.91e-4	5.575e-3
709	N709	-.069	-.058	.086	2.27e-3	6.918e-4	-2.785e-4
710	N710	-.028	-1.213	.103	-7.004e-5	7.086e-4	5.486e-3
711	N711	-.069	-.049	.103	2.598e-3	7.094e-4	-3.349e-4
712	N712	-.019	-1.29	.12	-1.781e-3	1.512e-4	1.325e-3
713	N713	-.019	.089	-.002	-7.291e-5	0	0
714	N714	-.023	-1.326	.12	-1.118e-3	1.44e-4	1.197e-3
715	N715	-.023	.089	-.002	-1.392e-4	0	0
716	N716	-.026	-1.345	.12	-4.176e-4	1.387e-4	1.069e-3
717	N717	-.026	.078	-.002	-2.082e-4	0	0
718	N718	-.012	-1.174	.12	-2.953e-3	1.725e-4	1.582e-3
719	N719	-.012	.082	-.002	-7.812e-6	0	0
720	N720	-.007	-1.095	.12	-3.443e-3	1.871e-4	1.71e-3
721	N721	-.007	.077	-.002	-4.296e-5	0	0
722	N722	-.003	-1.006	.12	-3.855e-3	2.047e-4	1.838e-3
723	N723	-.003	.072	-.003	-1.329e-4	0	0
724	N724	.003	-.908	.12	-4.158e-3	2.275e-4	1.966e-3
725	N725	.002	.07	-.002	-2.479e-4	0	0
726	N726	.008	-.841	.125	-4.311e-3	0	0
727	N727	.008	.068	-.003	-1.11e-4	0	0
728	N728	-.091	-.072	.014	2.751e-4	-3.591e-4	-6.656e-4
729	N729	-.091	.013	-.013	6.211e-5	0	0
730	N730	-.083	-.065	.014	3.311e-4	-3.596e-4	-6.656e-4
731	N731	-.083	.013	-.013	3.017e-5	0	0
732	N732	-.074	-.056	.014	3.855e-4	-3.601e-4	-6.656e-4
733	N733	-.074	.011	-.013	1.93e-5	0	0
734	N734	-.065	-.046	.014	4.354e-4	-3.607e-4	-6.656e-4
735	N735	-.065	.009	-.013	2.257e-5	0	0
736	N736	-.057	-.035	.014	4.779e-4	-3.615e-4	-6.656e-4
737	N737	-.057	.007	-.013	1.786e-5	0	0
738	N738	-.048	-.023	.014	5.102e-4	-3.627e-4	-6.656e-4
739	N739	-.048	.004	-.013	-2.9e-7	0	0
740	N740	-.039	-.01	.014	5.294e-4	-3.636e-4	-6.656e-4
741	N741	-.039	0	-.013	-1.952e-5	0	0
742	N742	-.117	-.086	.014	1.263e-4	-3.58e-4	-6.656e-4
743	N743	-.117	.013	-.013	1.922e-5	0	0
744	N744	-.126	-.088	.014	9.298e-5	-3.579e-4	-6.656e-4
745	N745	-.126	.013	-.013	-8.042e-6	0	0
746	N746	-.134	-.09	.014	7.27e-5	-3.577e-4	-6.656e-4

~~Joint Deflections Cont'd~~

	LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
747	4	N747	-.134	.014	-.013	-4.012e-5	0	0
748	4	N748	-.044	-.269	.06	-1.142e-5	-3.694e-4	-1.876e-3
749	4	N749	-.044	-.628	.115	1.174e-3	-3.693e-4	2.936e-3
750	4	N750	-.035	-.269	.06	7.683e-6	-3.7e-4	-1.764e-3
751	4	N751	-.035	-.595	.115	1.544e-3	-3.709e-4	2.896e-3
752	4	N752	.01	-.142	.055	3.122e-3	0	0
753	4	N753	.01	-.308	.115	3.012e-3	-3.761e-4	2.699e-3
754	4	N754	-.026	-.281	.06	-4.267e-4	-3.727e-4	-1.771e-3
755	4	N755	-.026	-.554	.115	1.898e-3	-3.726e-4	2.857e-3
756	4	N756	.019	-.058	.055	3.737e-3	0	0
757	4	N757	.019	-.233	.115	3.173e-3	-3.765e-4	2.66e-3
758	4	N758	-.061	-.267	.06	-1.126e-4	-3.663e-4	-2.1e-3
759	4	N759	-.061	-.666	.115	4.158e-4	-3.663e-4	3.014e-3
760	4	N760	-.07	-.264	.06	-1.801e-4	-3.643e-4	-2.212e-3
761	4	N761	-.07	-.672	.115	4.217e-5	-3.643e-4	3.054e-3
762	4	N762	-.079	-.258	.06	-2.491e-4	-3.621e-4	-2.324e-3
763	4	N763	-.079	-.668	.115	-3.182e-4	-3.621e-4	3.093e-3
764	4	N764	-.088	-.251	.06	-3.117e-4	-3.597e-4	-2.436e-3
765	4	N765	-.088	-.656	.115	-6.581e-4	-3.597e-4	3.132e-3
766	4	N766	-.096	-.243	.06	-3.603e-4	-3.568e-4	-2.548e-3
767	4	N767	-.096	-.636	.115	-9.704e-4	-3.571e-4	3.171e-3
768	4	N768	-.105	-.234	.06	-3.873e-4	-3.541e-4	-2.66e-3
769	4	N769	-.105	-.608	.115	-1.248e-3	-3.538e-4	3.211e-3
770	4	N770	-.057	-.009	-.148	-5.543e-4	0	0
771	4	N771	-.057	.015	.011	3.267e-4	0	0
772	4	N772	-.042	-.016	-.148	4.172e-5	0	0
773	4	N773	-.042	.022	.011	-6.728e-6	0	0
774	4	N774	-.027	-.007	-.148	5.848e-4	0	0
775	4	N775	-.027	.022	.011	9.267e-5	0	0
776	4	N776	-.012	.009	-.147	9.319e-4	0	0
777	4	N777	-.012	.021	.011	2.378e-4	0	0
778	4	N778	-.069	-.053	.095	2.445e-3	7.033e-4	-3.156e-4
779	4	N779	-.069	-.045	.11	2.732e-3	-1.403e-3	-2.457e-4
780	4	N780	.028	.007	.055	9.079e-5	0	0
781	4	N781	.028	-.154	.115	3.272e-3	-3.768e-4	2.62e-3
782	4	N782	-.141	-.067	.045	-6.352e-4	0	0
783	4	N783	-.022	-.638	.12	4.015e-4	-4.209e-4	2.095e-3
784	4	N784	-.069	-.025	.127	2.918e-3	0	-2.457e-4
785	4	N785	-.069	-1.011	.122	1.972e-2	0	0
786	4	N786	-.141	-.007	-.007	-2.685e-3	4.779e-4	-1.462e-3
787	4	N787	-.001	-.006	-.001	-6.037e-5	4.779e-4	-1.79e-3
788	4	N788	-.083	-.004	-.007	3.321e-5	-3.608e-4	-1.104e-3
789	4	N789	-.024	-.002	-.001	0	-3.608e-4	-1.24e-3
790	4	N790	-.075	-.003	-.007	1.765e-5	-3.609e-4	-9.591e-4
791	4	N791	-.027	-.002	-.001	0	-3.609e-4	-1.241e-3
792	4	N792	-.067	-.003	-.007	2.065e-5	-3.613e-4	-8.009e-4
793	4	N793	-.03	-.002	-.001	0	-3.613e-4	-1.257e-3
794	4	N794	-.006	-.023	-.007	-3.74e-4	-3.767e-4	-4.909e-3
795	4	N795	0	-.023	0	0	-3.767e-4	0
796	4	N796	.01	-.026	-.007	2.471e-4	-3.744e-4	-6.082e-3
797	4	N797	0	-.026	0	0	-3.744e-4	0
798	4	N798	.037	-.019	.003	5.833e-3	0	0

~~Joint Deflections Continued~~

	LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
799	4	N799	.006	-.009	0	0	0	0
800	4	N800	.037	-.012	.05	3.453e-3	0	0
801	4	N801	0	-.006	0	0	0	0
802	4	N802	-.141	-.042	-.002	-2.685e-3	5.311e-4	0
803	4	N803	-.001	-.035	-.009	-2.058e-5	5.311e-4	-1.614e-3
804	4	N804	-.141	-.061	.039	-2.665e-3	6.439e-4	0
805	4	N805	-.001	-.051	-.075	2.48e-4	6.439e-4	1.373e-3
806	4	N806	-.168	0	.045	-7.569e-4	3.851e-4	-2.748e-3
807	4	N807	-.013	-.021	-.138	0	0	-1.917e-3
808	4	N808	-.016	-.011	0	0	0	0
809	4	N809	-.076	-.016	-.138	-9.223e-4	-6.881e-4	-1.878e-3
810	4	N810	-.087	-.009	0	0	-6.881e-4	0
811	4	N811	0	-.001	-.172	4.936e-5	-2.05e-5	0
812	4	N812	0	0	-.004	2.946e-6	-2.05e-5	3.08e-7
813	4	N813	0	0	0	4.936e-5	-1.87e-5	0
814	4	N814	0	0	-.004	2.947e-6	-1.771e-5	-6.356e-6
815	4	N815	0	-.001	.002	5.049e-5	-1.197e-5	1.876e-3
816	4	N816	0	0	-.002	4.782e-6	-1.036e-5	0
817	4	N817	0	0	-.138	4.936e-5	0	-1.79e-3
818	4	N818	0	0	0	2.946e-6	0	0
819	4	N819	.037	.005	-.007	3.875e-3	-3.743e-4	-2.957e-3
820	4	N820	.006	.003	-.01	0	-3.743e-4	0
821	4	N821	-.134	-.008	-.007	-4.012e-5	-3.598e-4	-1.462e-3
822	4	N822	-.004	-.006	-.001	1.935e-5	1.141e-4	-1.717e-3
823	4	N823	-.126	-.008	-.007	-8.042e-6	-3.596e-4	-1.423e-3
824	4	N824	-.007	-.006	-.001	1.589e-5	1.392e-4	-1.622e-3
825	4	N825	-.117	-.008	-.007	1.922e-5	-3.597e-4	-1.386e-3
826	4	N826	-.011	-.005	-.001	1.259e-5	1.367e-4	-1.526e-3
827	4	N827	-.108	-.007	-.007	4.276e-5	-3.599e-4	-1.338e-3
828	4	N828	-.014	-.005	-.001	3.098e-5	1.333e-4	-1.431e-3
829	4	N829	-.1	-.006	-.007	6.185e-5	-3.601e-4	-1.28e-3
830	4	N830	-.017	-.004	-.001	6.118e-5	1.365e-4	-1.335e-3
831	4	N831	-.091	-.005	-.007	6.211e-5	-3.601e-4	-1.202e-3
832	4	N832	-.021	-.002	-.001	4.19e-5	1.335e-4	-1.24e-3
833	4	N833	-.058	-.002	-.007	1.805e-5	-3.592e-4	-6.17e-4
834	4	N834	-.112	-.001	-.001	0	-3.592e-4	-1.257e-3
835	4	N835	-.057	-.002	-.007	1.786e-5	-3.58e-4	-5.902e-4
836	4	N836	-.116	-.001	-.001	-6.47e-6	1.262e-3	-1.26e-3
837	4	N837	-.048	-.002	-.007	-2.9e-7	-3.629e-4	-3.829e-4
838	4	N838	-.148	-.002	-.001	1.539e-6	1.354e-3	-1.276e-3
839	4	N839	-.039	-.003	-.007	-1.952e-5	-3.609e-4	-1.673e-4
840	4	N840	-.18	-.001	-.001	-1.645e-5	1.342e-3	-9.403e-4
841	4	N841	-.022	-.007	-.007	-2.439e-4	-3.767e-4	-3.341e-3
842	4	N842	-.242	-.004	-.001	-4.658e-5	1.341e-3	-3.109e-4
843	4	N843	-.013	-.015	-.007	-4.004e-4	-3.673e-4	-4.283e-3
844	4	N844	-.273	-.004	-.001	9.666e-5	1.25e-3	-3.109e-4
845	4	N845	.014	-.023	-.007	3.426e-4	-3.744e-4	-6.282e-3
846	4	N846	-.017	-.016	-.01	4.519e-4	-3.744e-4	0
847	4	N847	.023	-.014	-.007	4.65e-4	-3.744e-4	-6.474e-3
848	4	N848	-.008	-.007	-.01	2.976e-4	-3.744e-4	0
849	4	N849	.031	-.005	-.007	6.151e-4	-3.744e-4	-6.388e-3
850	4	N850	0	-.001	-.01	2.405e-4	-3.744e-4	0

~~Joint Deflections EC on UDF~~

	LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
851	4	N851	.037	-.003	-.004	5.723e-3	-3.743e-4	-1.085e-3
852	4	N852	.006	0	-.007	0	-3.743e-4	-4.366e-4
853	4	N853	-.03	-.004	-.007	-9.342e-5	-3.645e-4	-1.834e-3
854	4	N854	-.212	-.003	-.001	-7.056e-5	1.338e-3	-6.048e-4
855	4	N855	-.144	-.061	.045	-7.299e-4	-3.763e-4	-2.547e-3
856	4	N856	0	-.029	-.085	2.549e-5	1.35e-4	-2.605e-3
857	4	N857	-.152	-.034	.045	-9.833e-4	-3.623e-4	-2.723e-3
858	4	N858	.004	-.024	-.085	-2.214e-4	1.473e-4	-2.605e-3
859	4	N859	-.161	-.014	.045	-7.517e-4	-3.624e-4	-2.748e-3
860	4	N860	.008	-.012	-.085	-5.633e-4	1.794e-4	-2.605e-3
861	4	N861	-.168	-.01	.056	-7.569e-4	2.182e-4	0
862	4	N862	.012	-.006	-.092	-3.594e-3	2.182e-4	0
863	4	N863	-.158	-.211	.071	-7.546e-4	-3.459e-4	-3.363e-3
864	4	N864	.006	-.205	-.105	-2.235e-3	2.692e-4	-2.115e-3
865	4	N865	-.158	-.316	.115	-2.46e-3	-3.459e-4	3.457e-3
866	4	N866	.006	-.312	-.137	-5.089e-3	2.822e-4	2.099e-4
867	4	N867	-.109	-.593	.115	-1.365e-3	-3.514e-4	3.229e-3
868	4	N868	-.014	-.582	-.14	1.632e-3	2.716e-4	-1.214e-3
869	4	N869	-.034	-.002	.014	3.361e-3	0	-6.656e-4
870	4	N870	0	0	-.024	0	0	0
871	4	N871	-.034	-.052	.045	2.273e-3	-3.797e-4	-3.493e-3
872	4	N872	0	-.017	.007	0	-3.797e-4	-5.641e-4
873	4	N873	.037	-.01	.064	3.453e-3	0	-4.451e-4
874	4	N874	0	-.005	0	0	0	0
875	4	N875	.026	-.013	.06	0	0	-1.407e-3
876	4	N876	0	-.006	0	0	0	0
877	4	N877	.037	-.015	.122	3.453e-3	0	3.955e-4
878	4	N878	0	0	0	0	0	0
879	4	N879	0	-.022	0	0	0	0
880	4	N880	-.11	-.022	-.142	0	0	-9.105e-6
881	4	N881	-.086	-.002	-.138	0	0	-1.878e-3
882	4	N882	0	-.001	0	0	0	0
883	4	N883	0	-.002	-.151	4.936e-5	3.933e-4	-2.425e-5
884	4	N884	0	-.002	-.048	2.946e-6	3.407e-4	-2.971e-5
885	4	N885	0	-.32	.131	-1.752e-2	1.641e-4	0
886	4	N886	.012	-.735	.12	0	1.021e-4	2.095e-3
887	4	N887	.011	-.708	-.102	-5.377e-3	1.021e-4	-1.667e-3
888	4	N888	-.022	-.653	0	4.015e-4	-4.289e-4	0
889	4	N889	.012	-.652	-.092	-5.589e-4	-4.289e-4	2.075e-4
890	4	N890	-.022	-.005	-.012	4.015e-4	-4.899e-4	0
891	4	N891	.012	-.004	-.012	-3.878e-4	-4.807e-4	4.906e-4
892	4	N892	-.028	-.028	.001	-7.004e-5	1.351e-4	6.68e-3
893	4	N893	-.019	-.02	0	4.438e-5	1.351e-4	-4.649e-3
894	4	N894	-.034	.004	.019	3.361e-3	-3.81e-4	3.311e-4
895	4	N895	0	.001	-.018	0	-3.798e-4	8.626e-5
896	4	N896	-.034	.009	.028	3.462e-3	-3.805e-4	-1.541e-4
897	4	N897	0	.002	-.009	0	-3.797e-4	-1.185e-4
898	4	N898	-.034	-.007	.037	2.959e-3	-3.795e-4	-1.531e-3
899	4	N899	0	-.005	0	0	-3.796e-4	-4.799e-4
900	4	N900	.037	-.01	.056	3.453e-3	-3.786e-4	8.138e-5
901	4	N901	0	-.005	0	0	-3.786e-4	0
902	4	N902	0	-.001	-.145	4.936e-5	4.343e-4	-3.559e-5

~~Joint Deflections Continued~~

	LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
903	4	N903	0	-.001	-.033	2.946e-6	1.679e-3	-5.619e-5
904	4	N904	.037	-.01	.062	3.453e-3	-3.786e-4	2.718e-5
905	4	N905	0	-.01	0	0	-3.786e-4	0
906	4	N906	.028	-.012	.06	9.079e-5	-3.763e-4	-1.306e-3
907	4	N907	0	-.012	0	0	-3.763e-4	0
908	4	N908	.037	-.01	.06	3.453e-3	-3.786e-4	3.263e-5
909	4	N909	0	-.01	0	0	-3.786e-4	0
910	4	N910	.067	-.008	.064	3.063e-4	-3.747e-4	-3.373e-4
911	4	N911	0	-.004	0	0	-3.747e-4	0
912	4	N912	.067	-.008	.122	3.782e-4	-3.747e-4	3.324e-4
913	4	N913	0	-.004	0	0	-3.747e-4	0
914	4	N914	-.069	-.674	.125	1.972e-2	-2.874e-4	4.1e-2
915	4	N915	-.099	-.662	-.136	-8.145e-3	-2.874e-4	4.089e-2
916	4	N916	-.069	-.025	.13	2.135e-2	0	0
917	4	N917	-.099	-.014	-.132	-8.145e-3	0	0
918	4	N918	-.069	-.02	.128	1.988e-2	1.797e-3	0
919	4	N919	-.099	-.013	-.576	-8.145e-3	-7.012e-3	0
920	4	N920	-.069	-.023	.127	1.994e-2	3.994e-5	-3.095e-4
921	4	N921	-.099	-.014	-.511	-7.079e-3	-7.947e-3	-2.244e-5
922	4	N922	-.069	-.028	.125	1.84e-2	1.068e-4	-1.006e-4
923	4	N923	-.099	-.012	-.316	-3.966e-3	-8.255e-3	1.331e-4
924	4	N924	0	0	0	4.949e-5	-1.574e-5	-1.785e-5
925	4	N925	0	0	-.003	3.161e-6	-1.638e-5	-6.404e-6
926	4	N926	0	0	0	4.962e-5	-1.564e-5	-9.955e-6
927	4	N927	0	0	-.003	3.375e-6	-1.53e-5	-3.092e-6
928	4	N928	0	-.001	0	4.976e-5	-1.55e-5	-3.907e-6
929	4	N929	0	0	-.003	3.59e-6	-1.442e-5	-1.573e-6
930	4	N930	0	-.001	0	4.989e-5	-1.534e-5	-7.279e-7
931	4	N931	0	0	-.003	3.804e-6	-1.372e-5	-8.166e-7
932	4	N932	0	-.001	0	5.002e-5	-1.52e-5	-1.62e-7
933	4	N933	0	0	-.002	4.018e-6	-1.318e-5	-5.138e-7
934	4	N934	0	-.001	.001	5.015e-5	-1.508e-5	-1.781e-6
935	4	N935	0	0	-.002	4.233e-6	-1.279e-5	-7.043e-7
936	4	N936	0	-.001	.001	5.029e-5	-1.5e-5	-5.081e-6
937	4	N937	0	0	-.002	4.447e-6	-1.252e-5	-1.257e-6
938	4	N938	0	-.001	.001	5.042e-5	-1.496e-5	-8.763e-6
939	4	N939	0	0	-.002	4.661e-6	-1.239e-5	-1.012e-6
940	4	N940	-.012	-.018	-.138	9.319e-4	-5.931e-4	-1.79e-3
941	4	N941	0	-.018	0	0	-5.931e-4	0
942	4	N942	-.012	-.007	.002	2.378e-4	-6.128e-4	1.877e-3
943	4	N943	-.014	-.004	-.002	1.419e-4	-7.523e-4	0
944	4	N944	-.027	-.01	.002	9.267e-5	-5.958e-4	2.18e-3
945	4	N945	-.032	-.007	-.002	1.013e-4	-7.456e-4	0
946	4	N946	-.03	-.011	.002	0	0	2.215e-3
947	4	N947	-.035	-.007	-.002	0	0	0
948	4	N948	-.045	-.011	.002	0	0	2.221e-3
949	4	N949	-.053	-.004	-.002	0	0	0
950	4	N950	-.057	-.017	.002	3.267e-4	-6.335e-4	2.133e-3
951	4	N951	-.067	-.009	-.002	2.222e-4	-7.176e-4	0
952	4	N952	-.074	-.024	.002	0	0	1.531e-3
953	4	N953	-.082	-.014	-.002	4.164e-5	0	0
954	4	N954	-.065	-.021	.002	0	0	9.349e-4

~~Joint Deflections Continued~~

	LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
955	4	N955	-.109	-.012	-.002	8.467e-5	0	0
956	4	N956	-.062	-.014	.002	-2.675e-4	2.424e-4	1.695e-3
957	4	N957	-.105	-.009	-.002	-1.393e-4	2.969e-4	0
958	4	N958	-.047	-.007	.002	-1.607e-5	1.992e-4	4.256e-3
959	4	N959	-.066	-.004	0	-6.226e-6	3.119e-4	-5.143e-3
960	4	N960	-.045	-.006	.002	-7.593e-5	1.961e-4	4.682e-3
961	4	N961	-.058	-.004	0	-5.012e-5	3.192e-4	-5.143e-3
962	4	N962	-.044	-.005	.002	0	0	5.056e-3
963	4	N963	-.055	-.003	0	0	0	-5.143e-3
964	4	N964	-.041	-.001	.002	0	1.866e-3	5.052e-3
965	4	N965	-.046	-.001	0	0	3.399e-4	-5.143e-3
966	4	N966	-.04	-.004	.002	2.099e-4	1.979e-4	5.413e-3
967	4	N967	-.043	-.003	0	1.48e-4	2.993e-4	-5.098e-3
968	4	N968	-.038	-.008	.001	1.353e-4	2.1e-4	5.682e-3
969	4	N969	-.036	-.006	0	7.951e-5	2.999e-4	-5.005e-3
970	4	N970	-.05	-.007	.002	3.745e-5	2.53e-4	3.759e-3
971	4	N971	-.074	-.005	0	-1.989e-5	3.088e-4	-5.143e-3
972	4	N972	-.05	-.007	.002	0	0	3.644e-3
973	4	N973	-.074	-.005	0	0	0	-5.143e-3
974	4	N974	-.055	-.003	.002	0	0	2.961e-3
975	4	N975	-.089	-.001	-.002	0	0	0
976	4	N976	-.058	-.008	.002	-2.037e-4	2.369e-4	2.312e-3
977	4	N977	-.097	-.005	-.002	-1.678e-4	3.354e-4	0
978	4	N978	-.032	-.014	.001	2.053e-4	2.054e-4	6.155e-3
979	4	N979	-.025	-.009	0	1.654e-4	1.251e-4	-4.819e-3
980	4	N980	-.035	-.01	.001	1.2e-4	2.085e-4	5.931e-3
981	4	N981	-.029	-.007	0	7.178e-5	2.414e-4	-4.912e-3
982	4	N982	-.03	-.02	.001	3.434e-4	2.199e-4	6.317e-3
983	4	N983	-.022	-.015	0	2.475e-4	1.348e-4	-4.725e-3
984	4	N984	-.026	-.025	.001	-2.082e-4	2.168e-4	6.895e-3
985	4	N985	-.018	-.018	0	-1.443e-4	1.36e-4	-4.605e-3
986	4	N986	-.023	-.021	.001	-1.392e-4	2.226e-4	7.366e-3
987	4	N987	-.015	-.013	0	-1.438e-4	1.371e-4	-4.511e-3
988	4	N988	-.019	-.019	.001	-7.291e-5	2.282e-4	7.192e-3
989	4	N989	-.011	-.011	0	-5.056e-5	1.389e-4	-4.418e-3
990	4	N990	-.016	-.018	.001	-2.244e-5	2.357e-4	6.897e-3
991	4	N991	-.008	-.01	0	-1.97e-6	1.423e-4	-4.325e-3
992	4	N992	-.012	-.018	.001	-7.812e-6	2.454e-4	6.638e-3
993	4	N993	-.004	-.011	0	3.59e-6	1.469e-4	-4.232e-3
994	4	N994	-.007	-.018	.001	-4.296e-5	2.555e-4	6.305e-3
995	4	N995	0	-.01	0	-1.764e-5	1.515e-4	-4.138e-3
996	4	N996	.004	-.009	.001	0	0	5.104e-3
997	4	N997	.007	-.006	0	0	0	-3.915e-3
998	4	N998	.011	-.007	.001	0	0	5.053e-3
999	4	N999	.01	-.005	0	0	0	-3.911e-3
1000	4	N1000	-.016	0	.001	-5.09e-4	-1.723e-3	4.308e-3
1001	4	N1001	.012	0	0	-4.061e-4	-1.198e-5	-3.854e-3
1002	4	N1002	-.022	.002	.001	3.951e-4	-5.865e-4	4.308e-3
1003	4	N1003	.012	.002	0	-3.835e-4	-6.075e-4	-3.854e-3
1004	4	N1004	.002	-.012	.001	-2.479e-4	2.345e-4	5.465e-3
1005	4	N1005	.006	-.007	0	-1.127e-4	1.303e-4	-3.952e-3
1006	4	N1006	-.003	-.016	.001	-1.329e-4	2.796e-4	5.856e-3

~~Joint Deflections Continued~~

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]	
1007	4	N1007	.003	-.01	0	-6.121e-5	1.493e-4	-4.045e-3
1008	4	N1008	-.168	-.026	.13	-1.564e-2	0	0
1009	4	N1009	.012	-.014	-.151	-7.582e-3	0	0
1010	4	N1010	-.168	-.037	.131	-2.167e-2	0	0
1011	4	N1011	-.168	-.03	.13	-2.167e-2	-6.851e-5	-4.642e-4
1012	4	N1012	.012	-.019	-.153	-7.582e-3	3.367e-4	-7.822e-4
1013	4	N1013	.012	-.13	-.121	-5.371e-3	2.736e-4	-3.903e-5
1014	4	N1014	.012	-.128	-.124	-5.741e-3	2.748e-4	2.947e-4
1015	4	N1015	.012	-.123	-.128	-6.168e-3	2.762e-4	6.16e-4
1016	4	N1016	.012	-.113	-.131	-6.617e-3	2.778e-4	9.134e-4
1017	4	N1017	.012	-.1	-.134	-7.094e-3	2.793e-4	1.177e-3
1018	4	N1018	.012	-.084	-.138	-7.582e-3	2.855e-4	1.398e-3
1019	4	N1019	.012	-.127	-.118	-5.049e-3	2.725e-4	-3.723e-4
1020	4	N1020	.012	-.121	-.114	-4.761e-3	2.715e-4	-6.933e-4
1021	4	N1021	.012	-.11	-.111	-4.508e-3	2.705e-4	-9.909e-4
1022	4	N1022	.012	-.097	-.108	-4.271e-3	2.692e-4	-1.254e-3
1023	4	N1023	.012	-.08	-.105	-4.036e-3	2.721e-4	-1.474e-3
1024	4	N1024	.008	-.804	.12	-4.311e-3	2.502e-4	2.095e-3
1025	4	N1025	-.168	-.24	.115	-2.576e-3	-3.532e-4	3.506e-3
1026	4	N1026	-.168	-.113	.124	-1.508e-2	-3.362e-4	5.22e-3
1027	4	N1027	-.168	-.188	.071	-7.569e-4	-3.543e-4	-3.524e-3
1028	4	N1028	-.004	-.025	-.007	-3.046e-4	-3.754e-4	-5.124e-3
1029	4	N1029	.005	-.028	-.007	6.997e-5	-3.743e-4	-5.808e-3
1030	4	N1030	.032	-.003	-.007	6.895e-4	-3.744e-4	-6.374e-3
1031	4	N1031	-.083	-.004	-.007	3.017e-5	-3.619e-4	-1.093e-3
1032	4	N1032	-.074	-.003	-.007	1.93e-5	-3.62e-4	-9.44e-4
1033	4	N1033	-.065	-.003	-.007	2.257e-5	-3.628e-4	-7.769e-4
1034	4	N1034	.008	-.008	.001	-1.11e-4	3.166e-4	5.077e-3
1035	4	N1035	0	-.605	.13	-1.752e-2	3.837e-5	-8.514e-3
1036	4	N1036	0	-.786	.129	-1.692e-2	5.02e-5	-6.297e-3
1037	4	N1037	0	-.906	.127	-1.592e-2	6.534e-5	-3.641e-3
1038	4	N1038	0	-.962	.125	-1.384e-2	8.365e-5	-1.138e-3
1039	4	N1039	0	-.964	.123	-9.556e-3	1.292e-4	6.125e-4
1040	4	N1040	-.008	-.268	.06	1.193e-3	-3.748e-4	-1.61e-3
1041	4	N1041	-.017	-.285	.06	2.53e-4	-3.739e-4	-1.8e-3
1042	4	N1042	.001	-.227	.06	2.212e-3	-3.755e-4	-1.47e-3
1043	4	N1043	.01	-.162	.06	3.122e-3	-3.761e-4	-1.412e-3
1044	4	N1044	.019	-.079	.06	3.737e-3	-3.764e-4	-1.42e-3
1045	4	N1045	-.034	-.129	.051	1.666e-3	-3.795e-4	-5.119e-3
1046	4	N1046	.037	-.038	.041	4.015e-3	-3.749e-4	8.747e-4
1047	4	N1047	.037	-.054	.032	4.683e-3	-3.744e-4	3.88e-4
1048	4	N1048	.037	-.057	.023	5.248e-3	-3.744e-4	-1.948e-4
1049	4	N1049	.037	-.045	.014	5.633e-3	-3.744e-4	-7.097e-4
1050	4	N1050	.037	-.024	.005	5.834e-3	-3.744e-4	-1.006e-3
1051	4	N1051	.037	-.013	.05	3.453e-3	-3.754e-4	1.088e-3
1052	4	N1052	.055	-.016	.064	1.051e-4	-3.747e-4	-4.524e-4
1053	4	N1053	.064	-.011	.064	2.961e-4	-3.747e-4	-3.916e-4
1054	4	N1054	.046	-.016	.064	-1.508e-4	-3.747e-4	-4.451e-4
1055	4	N1055	.055	-.019	.122	1.757e-4	-3.747e-4	4.206e-4
1056	4	N1056	.064	-.012	.122	3.681e-4	-3.747e-4	3.784e-4
1057	4	N1057	.046	-.02	.122	-8.706e-5	-3.747e-4	3.955e-4
1058	4	N1058	-.141	-.09	.028	-2.915e-3	-3.805e-4	6.765e-4



~~Joint Deflections Continued~~

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
1059	N1059	-.141	-.097	.019	-2.685e-3	-3.809e-4	-1.225e-4
1060	N1060	-.141	-.066	.037	-2.693e-3	-3.801e-4	1.095e-3
1061	N1061	-.069	-.07	.13	2.e-2	4.01e-5	4.346e-4
1062	N1062	-.069	-.066	.13	2.021e-2	1.326e-5	-6.924e-4
1063	N1063	-.069	-.038	.13	2.14e-2	-1.599e-5	-1.433e-3
1064	N1064	-.069	-.046	.129	1.999e-2	5.245e-5	1.379e-3
1065	N1065	-.069	-.028	.002	-9.642e-5	2.28e-4	5.009e-4
1066	N1066	-.074	-.025	.002	1.998e-4	1.316e-4	1.528e-3
1067	N1067	-.074	-.019	-.138	-9.075e-4	-6.881e-4	-1.878e-3
1068	N1068	-.065	-.022	.002	-3.251e-4	1.945e-4	9.305e-4
1069	N1069	-.043	-.003	.002	-1.296e-4	1.403e-4	5.073e-3
1070	N1070	-.053	-.006	.002	9.725e-5	1.2e-4	3.348e-3
1071	N1071	-.055	-.003	.002	1.502e-4	1.392e-4	2.961e-3
1072	N1072	-.057	-.038	-.138	-5.543e-4	-6.577e-4	-1.944e-3
1073	N1073	-.042	-.045	-.138	4.172e-5	-6.386e-4	-1.953e-3
1074	N1074	-.027	-.037	-.138	5.848e-4	-6.306e-4	-1.961e-3
1075	N1075	-.042	-.011	.002	-6.728e-6	-6.362e-4	2.222e-3
1076	N1076	-.069	-.028	.123	7.4e-3	-1.856e-4	1.712e-4
1077	N1077	-.141	-.067	.045	-6.352e-4	-3.518e-4	-4.393e-4
1078	N1078	-.04	-.001	-.005	2.947e-5	-7.421e-4	1.502e-4
1079	N1079	0	0	0	-2.113e-1	0	0
1080	N1080	0	0	0	3.941e-4	1.841e-4	0
1081	N1081	0	0	0	0	3.254e-4	0
1082	N1082	0	0	0	0	3.216e-4	0
1083	N1083	0	0	0	0	3.208e-4	0
1084	N1084	0	0	0	0	3.277e-4	0
1085	N1085	0	0	0	0	3.068e-4	0
1086	N1086	0	0	0	0	3.094e-4	0
1087	N1087	0	0	0	0	3.138e-4	0
1088	N1088	0	0	0	0	-1.686e-4	0
1089	N1089	0	0	0	0	-5.412e-4	0
1090	N1090	0	0	0	0	-6.273e-4	0
1091	N1091	0	0	0	0	-6.135e-4	0
1092	N1092	0	0	0	0	-7.171e-4	0
1093	N1093	0	0	0	0	-7.243e-4	0
1094	N1094	0	0	0	0	-7.364e-4	0
1095	N1095	0	0	0	0	-7.438e-4	0
1096	N1096	0	0	0	0	-7.491e-4	0
1097	N1097	0	0	0	0	-7.534e-4	0
1098	N1098	0	0	0	0	0	0
1099	N1099	0	0	0	0	0	0
1100	N1100	0	0	0	0	0	0
1101	N1101	0	0	0	0	0	0
1102	N1102	0	0	0	0	0	0
1103	N1103	0	0	0	0	0	0
1104	N1104	0	0	0	0	0	0
1105	N1105	0	0	0	0	-4.701e-4	0
1106	N1106	-.013	-.02	0	8.249e-4	2.93e-4	1.01e-4
1107	N1107	-.009	-.032	0	5.281e-4	2.928e-4	1.01e-4
1108	N1108	-.004	-.037	0	1.287e-4	2.922e-4	1.01e-4
1109	N1109	0	-.036	0	0	0	1.01e-4
1110	N1110	0	0	0	0	0	0

~~Joint Deflections Continued~~

	LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
1111	4	N1111	0	0	0	0	0	0
1112	4	N1112	0	0	0	0	0	1.01e-4
1113	4	N1113	0	0	0	0	0	0
1114	4	N1114	0	0	0	0	0	-9.032e-4
1115	4	N1115	0	0	0	0	0	0
1116	4	N1116	0	-.014	0	0	0	-9.028e-4
1117	4	N1117	0	-.157	0	0	0	7.154e-3
1118	4	N1118	0	0	0	0	0	7.154e-3
1119	4	N1119	0	-.264	0	0	0	5.891e-3
1120	4	N1120	0	0	0	0	0	5.891e-3
1121	4	N1121	0	-.345	0	0	0	3.999e-3
1122	4	N1122	0	0	0	0	0	3.999e-3
1123	4	N1123	0	-.391	0	0	0	1.655e-3
1124	4	N1124	0	0	0	0	0	1.655e-3
1125	4	N1125	0	-.397	0	0	0	-9.211e-4
1126	4	N1126	0	0	0	0	0	-9.211e-4
1127	4	N1127	0	-.362	0	0	0	-3.443e-3
1128	4	N1128	0	0	0	0	0	-3.443e-3
1129	4	N1129	0	-.288	0	0	0	-5.624e-3
1130	4	N1130	0	0	0	0	0	-5.624e-3
1131	4	N1131	0	-.183	0	0	0	-7.177e-3
1132	4	N1132	0	0	0	0	0	-7.177e-3
1133	4	N1133	0	-.062	0	0	-2.237e-8	7.028e-4
1134	4	N1134	0	0	0	0	-5.644e-7	-1.088e-6
1135	4	N1135	0	-.069	0	0	-5.373e-8	1.189e-4
1136	4	N1136	0	0	0	0	0	1.189e-4
1137	4	N1137	0	-.066	0	0	0	-5.307e-4
1138	4	N1138	0	0	0	0	0	-5.307e-4
1139	4	N1139	0	-.052	0	0	2.321e-7	-9.215e-4
1140	4	N1140	0	0	0	0	0	-9.215e-4
1141	4	N1141	0	-.025	0	0	0	-2.539e-4
1142	4	N1142	0	0	0	0	0	7.364e-7
1143	4	N1143	0	0	0	0	0	4.39e-8
1144	4	N1144	0	0	0	0	0	-1.8e-7
1145	4	N1145	0	-.023	0	0	0	4.495e-4
1146	4	N1146	0	-.011	0	0	0	9.721e-4
1147	4	N1147	0	0	0	0	0	-6.137e-7
1148	4	N1148	0	0	0	0	0	3.641e-7
1149	4	N1149	0	0	0	0	0	-2.279e-7
1150	4	N1150	-.016	-.003	0	0	0	-2.725e-5
1151	4	N1151	-.016	-.003	0	0	0	2.952e-5
1152	4	N1152	-.016	-.009	0	0	0	-2.682e-4
1153	4	N1153	0	-.289	0	0	0	5.432e-3
1154	4	N1154	-.001	.073	-.003	-2.338e-3	-5.032e-4	3.697e-3
1155	4	N1155	0	-.168	-.138	-4.265e-3	-3.957e-4	-4.739e-3
1156	4	N1156	0	-.055	-.148	-3.925e-3	-3.843e-4	-4.251e-3
1157	4	N1157	0	-.04	0	0	0	-3.052e-4
1158	4	N1158	-.028	-.014	-.102	0	2.878e-4	-4.096e-4
1159	4	N1159	0	-.013	0	0	3.014e-7	-5.559e-4
1160	4	N1160	0	-.022	0	0	1.024e-8	-9.824e-4
1161	4	N1161	0	0	0	0	0	0
1162	4	N1162	0	0	0	0	1.024e-8	0

~~Point Deflections Continued~~

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
1163	4	N1163	0	0	0	0	0
1164	4	N1164	0	0	0	0	0
1165	4	N1165	0	-.04	0	-4.047e-8	9.935e-5
1166	4	N1166	0	0	0	0	9.935e-5
1167	4	N1167	0	-.052	0	-5.602e-8	8.545e-4
1168	4	N1168	0	0	0	0	8.545e-4
1169	4	N1169	0	-.067	0	-1.962e-8	7.461e-4
1170	4	N1170	0	0	0	0	7.461e-4
1171	4	N1171	0	-.075	0	0	1.25e-4
1172	4	N1172	0	0	0	0	1.25e-4
1173	4	N1173	0	-.071	0	-1.265e-8	-6.541e-4
1174	4	N1174	0	0	0	0	-6.541e-4
1175	4	N1175	0	-.055	0	-4.332e-8	-1.237e-3
1176	4	N1176	0	0	0	0	-1.237e-3
1177	4	N1177	0	-.032	0	-4.33e-8	-1.27e-3
1178	4	N1178	0	0	0	0	-1.27e-3
1179	4	N1179	0	-.016	0	1.458e-7	-6.59e-4
1180	4	N1180	0	0	0	0	-6.59e-4
1181	4	N1181	0	-.008	0	3.405e-8	-4.646e-4
1182	4	N1182	0	0	0	0	-4.646e-4
1183	4	N1183	0	-.002	0	-9.663e-8	-2.874e-4
1184	4	N1184	0	0	0	0	-2.874e-4
1185	4	N1185	0	0	0	1.012e-8	-1.792e-5
1186	4	N1186	0	0	0	0	-1.792e-5
1187	4	N1187	0	0	0	0	9.935e-5
1188	4	N1188	0	0	0	0	8.545e-4
1189	4	N1189	0	0	0	0	7.461e-4
1190	4	N1190	0	0	0	0	1.25e-4
1191	4	N1191	0	0	0	0	-6.541e-4
1192	4	N1192	0	0	0	0	-1.237e-3
1193	4	N1193	0	0	0	0	-1.27e-3
1194	4	N1194	0	0	0	0	-6.59e-4
1195	4	N1195	0	0	0	0	-6.196e-3
1196	4	N1196	0	0	0	0	-6.522e-3
1197	4	N1197	0	0	0	0	-6.917e-3
1198	4	N1198	0	0	0	0	2.634e-5
1199	4	N1199	0	0	0	0	-7.145e-3
1200	4	N1200	0	0	0	0	-9.028e-4
1201	4	N1201	0	0	0	0	7.107e-7
1202	4	N1202	0	0	0	0	7.107e-7
1203	4	N1203	0	0	0	0	1.495e-7
1204	4	N1204	0	0	0	0	1.495e-7
1205	4	N1205	0	0	0	0	-2.084e-8
1206	4	N1206	0	0	0	0	-2.084e-8
1207	4	N1207	0	0	0	0	0
1208	4	N1208	0	0	0	0	0
1209	4	N1209	0	-.025	0	0	-3.146e-4
1210	4	N1210	0	0	0	0	-3.146e-4
1211	4	N1211	0	-.024	0	0	3.917e-4
1212	4	N1212	0	0	0	0	3.917e-4
1213	4	N1213	0	-.012	0	0	9.402e-4
1214	4	N1214	0	0	0	0	9.402e-4

~~Joint Deflections Continued~~

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]
1215	4	N1215	0	0	0	0	-5.255e-7
1216	4	N1216	0	0	0	0	-5.255e-7
1217	4	N1217	0	0	0	0	3.93e-7
1218	4	N1218	0	0	0	0	3.93e-7
1219	4	N1219	0	0	0	0	-5.894e-8
1220	4	N1220	0	0	0	0	-5.894e-8
1221	4	N1221	0	0	0	0	7.928e-7
1222	4	N1222	0	0	0	0	7.928e-7
1223	4	N1223	0	0	0	0	-5.559e-4
1224	4	N1224	0	-.255	0	-3.708e-3	0
1225	4	N1225	0	-.391	0	-1.438e-3	0
1226	4	N1226	0	-.329	0	-1.438e-3	0
1227	4	N1227	0	-.214	0	-3.708e-3	5.517e-8
1228	4	N1228	0	-.228	0	-1.438e-3	0
1229	4	N1229	0	-.149	0	-3.708e-3	-8.672e-8
1230	4	N1230	0	-.121	0	-1.438e-3	0
1231	4	N1231	0	-.081	0	-3.708e-3	0
1232	4	N1232	0	-.007	0	-1.438e-3	0
1233	4	N1233	0	-.009	0	-3.708e-3	0
1234	4	N1234	0	0	0	0	0
1235	4	N1235	0	0	0	0	-3.797e-4
1236	4	N1236	0	0	0	0	-3.798e-4
1237	4	N1237	0	0	0	0	-3.797e-4
1238	4	N1238	0	0	0	0	-3.796e-4
1239	4	N1239	0	0	0	3.002e-5	-1.856e-4
1240	4	N1240	0	0	0	-1.623e-3	-9.579e-5
1241	4	N1241	.012	-.03	-.149	-7.058e-4	-2.429e-4
1242	4	N1242	0	0	0	-1.856e-3	9.48e-5
1243	4	N1243	.012	.006	-.165	-7.268e-4	-4.335e-4
1244	4	N1244	0	0	0	0	3.267e-4
1245	4	N1245	0	0	0	0	3.283e-4
1246	4	N1246	0	0	0	0	3.282e-4
1247	4	N1247	0	0	0	0	3.267e-4
1248	4	N1248	0	0	0	0	3.227e-4
1249	4	N1249	0	0	0	0	3.179e-4
1250	4	N1250	0	0	0	0	3.113e-4
1251	4	N1251	0	0	0	0	3.066e-4
1252	4	N1252	0	0	0	0	3.128e-4
1253	4	N1253	0	0	0	0	-1.634e-4
1254	4	N1254	0	0	0	0	-5.3e-4
1255	4	N1255	0	0	0	0	0
1256	4	N1256	-.016	-.003	0	0	0
1257	4	N1257	-.016	-.003	0	0	0
1258	4	N1258	0	0	0	0	0
1259	4	N1259	0	0	0	0	0
1260	4	N1260	0	0	0	0	0
1261	4	N1261	-.001	-.004	-.014	-3.319e-4	-4.957e-4
1262	4	N1262	0	0	0	0	-4.957e-4
1263	4	N1263	.001	-.004	-.152	-1.325e-3	-3.78e-4
1264	4	N1264	0	0	0	0	-3.78e-4
1265	4	N1265	.012	-.012	-.018	-3.952e-4	-4.749e-4
1266	4	N1266	-.026	.124	-.018	0	0

**Joint Deflections Continued**

LC	Joint Label	X [in]	Y [in]	Z [in]	X Rotation [rad]	Y Rotation [rad]	Z Rotation [rad]	
1267	4	N1267	.012	-.134	-.032	-4.214e-4	-4.672e-4	5.961e-3
1268	4	N1268	-.025	-.011	-.032	0	0	4.747e-3
1269	4	N1269	-.024	-.146	-.046	0	0	4.416e-3
1270	4	N1270	.012	-.463	-.06	-4.839e-4	-4.507e-4	4.388e-3
1271	4	N1271	-.023	-.255	-.06	0	0	3.374e-3
1272	4	N1272	.012	-.578	-.073	-5.151e-4	-4.418e-4	2.928e-3
1273	4	N1273	-.023	-.327	-.073	0	0	1.856e-3
1274	4	N1274	.012	-.643	-.086	-5.464e-4	-4.326e-4	1.061e-3
1275	4	N1275	-.022	-.348	-.086	0	0	9.375e-5
1276	4	N1276	-.021	-.316	-.099	0	0	-1.681e-3
1277	4	N1277	.012	-.571	-.112	-6.089e-4	-4.141e-4	-3.464e-3
1278	4	N1278	-.021	-.239	-.112	0	0	-3.236e-3
1279	4	N1279	.012	-.433	-.124	-6.401e-4	-4.058e-4	-5.175e-3
1280	4	N1280	-.02	-.127	-.124	0	0	-4.34e-3
1281	4	N1281	.012	-.254	-.136	-6.714e-4	-3.966e-4	-6.257e-3
1282	4	N1282	-.019	.005	-.136	0	0	-4.758e-3
1283	4	N1283	-.019	.126	-.148	0	0	-4.251e-3
1284	4	N1284	.012	-.003	-.159	-7.176e-4	-3.412e-4	-6.388e-4
1285	4	N1285	-.018	.173	-.159	0	0	-3.719e-3
1286	4	N1286	-.001	-.042	-.018	-3.622e-3	-4.864e-4	4.128e-3
1287	4	N1287	0	-.183	-.032	-3.741e-3	-4.672e-4	4.747e-3
1288	4	N1288	0	-.326	-.046	-3.926e-3	-4.581e-4	4.416e-3
1289	4	N1289	0	-.448	-.06	-4.118e-3	-4.5e-4	3.374e-3
1290	4	N1290	0	-.529	-.073	-4.301e-3	-4.412e-4	1.856e-3
1291	4	N1291	0	-.559	-.086	-4.485e-3	-4.319e-4	9.375e-5
1292	4	N1292	0	-.535	-.099	-4.629e-3	-4.224e-4	-1.681e-3
1293	4	N1293	0	-.458	-.112	-4.639e-3	-4.134e-4	-3.236e-3
1294	4	N1294	0	-.34	-.124	-4.573e-3	-4.052e-4	-4.34e-3
1295	4	N1295	0	-.198	-.136	-4.35e-3	-3.97e-4	-4.758e-3
1296	4	N1296	.001	.063	-.159	-2.354e-3	-3.709e-4	-3.719e-3

**Member Section Forces**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]	
1	4	M1	1	0	.105	0	0	0	
2			2	0	.351	-.001	0	-.008	-1.111
3			3	0	-.221	-.001	0	-.013	-1.479
4			4	.008	.538	.01	0	-.005	1.103
5			5	.008	.011	-.001	0	0	0
6	4	M2	1	-.002	15.452	.053	0	0	0
7			2	0	4.475	-.026	0	.005	-58.508
8			3	0	.457	-.002	0	.017	-71.263
9			4	-.001	-6.759	.004	0	.005	-51.722
10			5	-.001	-11.091	-.01	0	0	0
11	4	M3	1	-.005	20.313	-.043	0	0	0
12			2	0	2.965	.06	0	-.068	-58.077
13			3	0	-.757	-.004	0	.023	-64.277
14			4	0	-5.326	0	0	.005	-44.848
15			5	0	-9.901	-.002	0	0	0
16	4	M4	1	.018	2.449	.003	.008	0	0
17			2	.018	2.065	.007	.008	.023	-11.7

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
18		3	-.003	-.15	0	.008	-.002	-11.82
19		4	-.022	-1.726	.006	.008	-.031	-10.241
20		5	-.022	-2.11	.008	.008	0	0
21	4	M5	1	0	0	0	0	0
22		2	0	-.058	0	0	0	.041
23		3	0	-.133	0	0	0	.196
24		4	0	.125	-.004	-.041	.006	.14
25		5	0	.054	-.004	-.041	0	0
26	4	M6	1	.012	1.515	.006	.004	0
27		2	.016	1.209	.002	.007	.003	-6.021
28		3	.033	-.192	.009	.011	-.005	-8.769
29		4	.048	-1.285	.003	.014	-.005	-6.053
30		5	.053	-1.607	.002	0	0	0
31	4	M7	1	.003	.639	0	.015	0
32		2	.003	.319	0	.015	0	-2.557
33		3	.003	0	0	.015	0	-3.407
34		4	.003	-.321	0	.015	0	-2.55
35		5	.003	-.601	0	.015	0	0
36	4	M8	1	0	.362	0	-.002	0
37		2	0	.175	0	-.002	0	-.775
38		3	0	0	0	-.002	0	-1.039
39		4	0	-.18	0	-.002	0	-.776
40		5	0	-.356	0	-.002	0	0
41	4	M9	1	0	-.048	-.005	-.007	0
42		2	.003	-.369	-.065	.006	.044	-.421
43		3	.003	.006	0	.006	0	.021
44		4	.003	-.036	0	.006	0	-.059
45		5	.005	.049	0	0	0	0
46	4	M10	1	0	.362	0	-.086	0
47		2	0	.181	0	-.086	0	-.821
48		3	0	0	0	-.086	0	-1.095
49		4	0	-.181	0	-.086	0	-.821
50		5	0	-.362	0	-.086	0	0
51	4	M11	1	0	.515	0	.04	0
52		2	0	.277	0	.04	0	-1.912
53		3	0	0	0	.04	0	-2.554
54		4	0	-.277	0	.04	0	-1.912
55		5	0	-.515	0	.04	0	0
56	4	M12	1	.002	.146	-.001	-.005	0
57		2	.002	.402	0	-.005	0	-.116
58		3	.002	.167	0	-.005	0	.194
59		4	.002	.143	-.008	-.005	0	.321
60		5	.002	-.204	-.002	-.005	0	0
61	4	M13	1	.094	.688	.01	-.606	0
62		2	.094	.323	-.008	-.606	.016	-1.546
63		3	.094	-.027	0	-.606	.007	-2.29
64		4	.094	-.376	0	-.606	.007	-1.802
65		5	.094	-.712	-.005	-.606	0	0
66	4	M14	1	.307	11.825	-.008	-.001	0
67		2	.306	10.374	0	-.001	-.016	-67.033
68		3	.304	8.29	0	-.001	-.017	-123.477
69		4	.26	-14.052	0	-.001	-.015	-91.953

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
70		5	.259	-16.546	-.002	-.001	0	0
71	4	M15	1	0	.131	0	.107	0
72		2	0	.089	0	.107	0	-.144
73		3	0	.003	0	.107	0	-.204
74		4	0	-.089	0	.107	0	-.149
75		5	0	-.136	0	.107	0	0
76	4	M16	1	0	.698	0	0	0
77		2	0	.58	0	0	0	-.705
78		3	.002	-.46	0	0	0	-1.083
79		4	.002	-.481	0	0	0	-.553
80		5	.002	-.502	0	0	0	0
81	4	M17	1	0	1.582	0	.001	0
82		2	0	.854	0	.001	0	-.952
83		3	0	.089	0	.001	0	-1.261
84		4	0	-.753	0	.001	0	-.887
85		5	0	-1.006	-.002	.001	0	0
86	4	M18	1	.01	.293	0	.013	0
87		2	.01	.168	0	.013	0	-.602
88		3	.01	0	0	.013	0	-.823
89		4	.01	-.164	0	.013	0	-.611
90		5	.01	-.312	0	.013	0	0
91	4	M19	1	-.004	.344	0	0	0
92		2	0	.726	-.006	0	.01	-.298
93		3	0	.162	0	0	.002	-3.007
94		4	0	-.401	0	0	.001	-2.915
95		5	0	0	0	0	0	0
96	4	M20	1	0	.234	0	0	0
97		2	0	.104	0	0	0	-.185
98		3	0	-.048	0	0	0	-.254
99		4	0	-.059	0	0	0	-.196
100		5	0	-.192	0	0	0	0
101	4	M21	1	0	.143	0	-.006	0
102		2	0	.082	0	-.006	0	-.132
103		3	0	0	0	-.006	0	-.18
104		4	0	-.082	0	-.006	0	-.132
105		5	0	-.143	0	-.006	0	0
106	4	M22	1	0	6.259	-.071	0	0
107		2	0	2.944	.01	0	-.047	-25.701
108		3	0	-.384	.011	0	.011	-33.102
109		4	0	-2.832	-.004	0	.07	-25.353
110		5	-.003	-5.658	-.008	.008	0	0
111	4	M23	1	.01	.431	0	-.036	0
112		2	.01	.229	0	-.036	0	-1.213
113		3	.01	-.005	0	-.036	0	-1.633
114		4	.01	-.235	0	-.036	0	-1.181
115		5	.01	-.397	0	-.036	0	0
116	4	M24	1	0	1.797	.002	-.007	0
117		2	0	1.527	.002	-.007	.009	-8.877
118		3	0	1.215	.002	-.007	.017	-16.2
119		4	0	-3.535	.002	-.007	-.009	-19.591
120		5	0	-3.806	.002	-.007	0	0
121	4	M25	1	0	.4	0	-.028	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
122		2	0	.22	0	-.028	0	-1.146
123		3	0	.01	0	-.028	0	-1.573
124		4	0	-.229	0	-.028	0	-1.175
125		5	0	-.396	0	-.028	0	0
126	4	M26	1	0	.297	0	.018	0
127		2	0	.161	0	.018	0	-.595
128		3	0	0	0	.018	0	-.804
129		4	0	-.161	0	.018	0	-.594
130		5	0	-.299	0	.018	0	0
131	4	M27	1	0	.515	0	.06	0
132		2	0	.278	0	.06	0	-1.912
133		3	0	0	0	.06	0	-2.554
134		4	0	-.278	0	.06	0	-1.912
135		5	0	-.515	0	.06	0	0
136	4	M28	1	0	.363	0	-.082	0
137		2	0	.181	0	-.082	0	-.821
138		3	0	0	0	-.082	0	-1.095
139		4	0	-.181	0	-.082	0	-.821
140		5	0	-.363	0	-.082	0	0
141	4	M29	1	0	.639	0	-.008	0
142		2	0	.33	0	-.008	0	-2.664
143		3	0	-.005	0	-.008	0	-3.512
144		4	0	-.331	0	-.008	0	-2.638
145		5	0	-.615	0	-.008	0	0
146	4	M30	1	-.003	.639	0	.037	0
147		2	-.003	.319	0	.037	0	-2.557
148		3	-.003	0	0	.037	0	-3.407
149		4	-.003	-.321	0	.037	0	-2.55
150		5	-.003	-.601	0	.037	0	0
151	4	M31	1	-.004	.363	0	-.088	0
152		2	-.004	.181	0	-.088	0	-.821
153		3	-.004	0	0	-.088	0	-1.095
154		4	-.004	-.181	0	-.088	0	-.821
155		5	-.004	-.363	0	-.088	0	0
156	4	M32	1	0	.515	0	.021	0
157		2	0	.278	0	.021	0	-1.912
158		3	0	0	0	.021	0	-2.554
159		4	0	-.278	0	.021	0	-1.912
160		5	0	-.515	0	.021	0	0
161	4	M33	1	-.049	.639	0	.056	0
162		2	-.049	.319	0	.056	0	-2.557
163		3	-.049	0	0	.056	0	-3.407
164		4	-.049	-.321	0	.056	0	-2.55
165		5	-.049	-.601	0	.056	0	0
166	4	M34	1	-.01	.363	0	-.089	0
167		2	-.01	.181	0	-.089	0	-.821
168		3	-.01	0	0	-.089	0	-1.095
169		4	-.01	-.181	0	-.089	0	-.821
170		5	-.01	-.363	0	-.089	0	0
171	4	M35	1	0	.515	0	.002	0
172		2	0	.278	0	.002	0	-1.912
173		3	0	0	0	.002	0	-2.554



**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
174		4	0	-.278	0	.002	0	-1.912
175		5	0	-.515	0	.002	0	0
176	4	M36	1	.045	.639	0	.069	0
177		2	.045	.319	0	.069	0	-2.557
178		3	.045	0	0	.069	0	-3.407
179		4	.045	-.321	0	.069	0	-2.55
180		5	.045	-.601	0	.069	0	0
181	4	M37	1	-.015	.348	0	-.089	0
182		2	-.015	.19	0	-.089	0	-.822
183		3	-.015	.004	0	-.089	0	-1.12
184		4	-.015	-.192	0	-.089	0	-.832
185		5	-.015	-.351	0	-.089	0	0
186	4	M38	1	0	.515	0	-.017	0
187		2	0	.293	0	-.017	0	-1.922
188		3	0	0	0	-.017	0	-2.623
189		4	0	-.293	0	-.017	0	-1.923
190		5	0	-.516	0	-.017	0	0
191	4	M39	1	.002	.643	0	.078	0
192		2	.002	.33	0	.078	0	-2.667
193		3	.002	-.005	0	.078	0	-3.516
194		4	.002	-.332	0	.078	0	-2.64
195		5	.002	-.616	0	.078	0	0
196	4	M40	1	-.035	.363	0	-.088	0
197		2	-.035	.195	0	-.088	0	-.862
198		3	-.035	-.003	0	-.088	0	-1.145
199		4	-.035	-.192	0	-.088	0	-.853
200		5	-.035	-.362	0	-.088	0	0
201	4	M41	1	0	.537	0	-.035	0
202		2	0	.292	0	-.035	0	-1.947
203		3	0	-.008	0	-.035	0	-2.618
204		4	0	-.291	0	-.035	0	-1.913
205		5	0	-.513	0	-.035	0	0
206	4	M42	1	-.01	.555	0	0	0
207		2	-.01	.291	0	0	0	-2.297
208		3	-.01	.005	0	0	0	-3.097
209		4	-.01	-.294	0	0	0	-2.311
210		5	-.01	-.557	0	0	0	0
211	4	M43	1	-.01	.225	0	-.085	0
212		2	-.01	.113	0	-.085	0	-.512
213		3	-.01	0	0	-.085	0	-.683
214		4	-.01	-.112	0	-.085	0	-.514
215		5	-.01	-.229	0	-.085	0	0
216	4	M44	1	0	.532	0	-.052	0
217		2	0	.278	0	-.052	0	-1.917
218		3	0	.005	0	-.052	0	-2.571
219		4	0	-.285	0	-.052	0	-1.924
220		5	0	-.516	0	-.052	0	0
221	4	M45	1	0	.126	0	.087	0
222		2	0	.082	0	.087	0	-.134
223		3	0	.006	0	.087	0	-.19
224		4	0	-.079	0	.087	0	-.145
225		5	0	-.149	0	.087	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
226	4	M46	1	-.008	.125	0	.116	0
227			2	-.008	.061	0	.116	0
228			3	-.008	-.001	0	.116	0
229			4	-.008	-.063	0	.116	0
230			5	-.008	-.117	0	.116	0
231	4	M47	1	.01	.13	0	.116	0
232			2	.01	.066	0	.116	0
233			3	.01	-.002	0	.116	0
234			4	.01	-.068	0	.116	0
235			5	.01	-.117	0	.116	0
236	4	M48	1	.008	.131	0	-.254	0
237			2	.008	.07	0	-.254	0
238			3	.008	-.003	0	-.254	0
239			4	.008	-.072	0	-.254	0
240			5	.008	-.118	0	-.254	0
241	4	M49	1	0	.126	0	.055	0
242			2	0	.082	0	.055	0
243			3	0	.006	0	.055	0
244			4	0	-.079	0	.055	0
245			5	0	-.149	0	.055	0
246	4	M50	1	0	.127	0	.009	0
247			2	0	.084	0	.009	0
248			3	0	.006	0	.009	0
249			4	0	-.081	0	.009	0
250			5	0	-.148	0	.009	0
251	4	M51	1	.005	.125	0	-.052	0
252			2	.005	.079	0	-.052	0
253			3	.005	.007	0	-.052	0
254			4	.005	-.078	0	-.052	0
255			5	.005	-.146	0	-.052	0
256	4	M52	1	.001	.526	0	-.067	0
257			2	.001	.279	0	-.067	0
258			3	.001	0	0	-.067	0
259			4	.001	-.273	0	-.067	0
260			5	.001	-.536	0	-.067	0
261	4	M53	1	0	.52	0	-.081	0
262			2	0	.289	0	-.081	0
263			3	0	-.001	0	-.081	0
264			4	0	-.29	0	-.081	0
265			5	0	-.537	0	-.081	0
266	4	M54	1	-.021	.553	0	-.09	0
267			2	-.021	.309	0	-.09	0
268			3	-.021	.004	0	-.09	0
269			4	-.021	-.3	0	-.09	0
270			5	-.021	-.576	0	-.09	0
271	4	M55	1	0	.515	0	.078	0
272			2	0	.278	0	.078	0
273			3	0	0	0	.078	0
274			4	0	-.278	0	.078	0
275			5	0	-.515	0	.078	0
276	4	M56	1	0	.515	0	.096	0
277			2	0	.277	0	.096	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
278		3	0	0	0	.096	0	-2.554
279		4	0	-.277	0	.096	0	-1.912
280		5	0	-.515	0	.096	0	0
281	4	M57	1	0	.515	0	.112	0
282		2	0	.278	0	.112	0	-1.912
283		3	0	0	0	.112	0	-2.554
284		4	0	-.278	0	.112	0	-1.912
285		5	0	-.515	0	.112	0	0
286	4	M58	1	0	.515	0	.123	0
287		2	0	.278	0	.123	0	-1.912
288		3	0	0	0	.123	0	-2.554
289		4	0	-.278	0	.123	0	-1.912
290		5	0	-.515	0	.123	0	0
291	4	M59	1	0	.515	0	.13	0
292		2	0	.293	0	.13	0	-1.922
293		3	0	0	0	.13	0	-2.622
294		4	0	-.293	0	.13	0	-1.922
295		5	0	-.516	0	.13	0	0
296	4	M60	1	.001	.529	0	.138	0
297		2	.001	.285	0	.138	0	-1.944
298		3	.001	-.002	0	.138	0	-2.606
299		4	.001	-.286	0	.138	0	-1.928
300		5	.001	-.536	0	.138	0	0
301	4	M61	1	-.01	.542	0	.145	0
302		2	-.01	.28	0	.145	0	-1.94
303		3	-.01	0	0	.145	0	-2.583
304		4	-.01	-.279	0	.145	0	-1.936
305		5	-.01	-.558	0	.145	0	0
306	4	M62	1	.014	.538	0	.149	0
307		2	.014	.284	0	.149	0	-1.9
308		3	.014	-.002	0	.149	0	-2.559
309		4	.014	-.281	0	.149	0	-1.892
310		5	.014	-.525	0	.149	0	0
311	4	M63	1	-.005	.536	0	.013	0
312		2	-.005	.282	0	.013	0	-1.894
313		3	-.005	.006	0	.013	0	-2.575
314		4	-.005	-.29	0	.013	0	-1.904
315		5	-.005	-.51	0	.013	0	0
316	4	M64	1	0	.571	0	.013	0
317		2	0	.298	0	.013	0	-2.043
318		3	0	-.004	0	.013	0	-2.717
319		4	0	-.296	0	.013	0	-2.027
320		5	0	-.561	0	.013	0	0
321	4	M65	1	0	.441	0	.014	0
322		2	0	.227	0	.014	0	-1.543
323		3	0	0	0	.014	0	-2.078
324		4	0	-.228	0	.014	0	-1.549
325		5	0	-.426	0	.014	0	0
326	4	M66	1	0	.363	0	-.078	0
327		2	0	.181	0	-.078	0	-.821
328		3	0	0	0	-.078	0	-1.095
329		4	0	-.181	0	-.078	0	-.821

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
330		5	0	-.363	0	-.078	0	0
331	4	M67	1	.002	.362	0	-.072	0
332		2	.002	.181	0	-.072	0	-.821
333		3	.002	0	0	-.072	0	-1.095
334		4	.002	-.181	0	-.072	0	-.821
335		5	.002	-.362	0	-.072	0	0
336	4	M68	1	0	.363	0	-.061	0
337		2	0	.181	0	-.061	0	-.821
338		3	0	0	0	-.061	0	-1.095
339		4	0	-.181	0	-.061	0	-.821
340		5	0	-.363	0	-.061	0	0
341	4	M69	1	.002	.363	0	-.066	0
342		2	.002	.181	0	-.066	0	-.821
343		3	.002	0	0	-.066	0	-1.095
344		4	.002	-.181	0	-.066	0	-.821
345		5	.002	-.363	0	-.066	0	0
346	4	M70	1	-.003	.343	0	-.058	0
347		2	-.003	.183	0	-.058	0	-.804
348		3	-.003	0	0	-.058	0	-1.081
349		4	-.003	-.183	0	-.058	0	-.804
350		5	-.003	-.343	0	-.058	0	0
351	4	M71	1	-.002	.336	0	-.055	0
352		2	-.002	.175	0	-.055	0	-.782
353		3	-.002	-.003	0	-.055	0	-1.039
354		4	-.002	-.173	0	-.055	0	-.774
355		5	-.002	-.333	0	-.055	0	0
356	4	M72	1	0	.344	0	-.053	0
357		2	0	.203	0	-.053	0	-.844
358		3	0	.007	0	-.053	0	-1.174
359		4	0	-.208	0	-.053	0	-.865
360		5	0	-.351	0	-.053	0	0
361	4	M73	1	.008	.343	0	-.052	0
362		2	.008	.176	0	-.052	0	-.794
363		3	.008	-.003	0	-.052	0	-1.051
364		4	.008	-.174	0	-.052	0	-.786
365		5	.008	-.34	0	-.052	0	0
366	4	M74	1	-.003	.354	0	-.088	0
367		2	-.003	.182	0	-.088	0	-.812
368		3	-.003	-.002	0	-.088	0	-1.086
369		4	-.003	-.182	0	-.088	0	-.805
370		5	-.003	-.349	0	-.088	0	0
371	4	M75	1	.003	.34	0	-.09	0
372		2	.003	.188	0	-.09	0	-.806
373		3	.003	.007	0	-.09	0	-1.105
374		4	.003	-.188	0	-.09	0	-.832
375		5	.003	-.354	0	-.09	0	0
376	4	M76	1	-.006	.302	0	-.092	0
377		2	-.006	.177	0	-.092	0	-.732
378		3	-.006	.015	0	-.092	0	-1.03
379		4	-.006	-.173	0	-.092	0	-.793
380		5	-.006	-.343	0	-.092	0	0
381	4	M77	1	0	.542	0	-.031	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
382		2	0	.292	0	-.031	0	-2.237
383		3	0	.003	0	-.031	0	-3.036
384		4	0	-.293	0	-.031	0	-2.246
385		5	0	-.543	0	-.031	0	0
386	4	M78	1	.013	.678	0	-.065	0
387		2	.013	.352	0	-.065	0	-2.834
388		3	.013	-.004	0	-.065	0	-3.743
389		4	.013	-.35	0	-.065	0	-2.823
390		5	.013	-.676	0	-.065	0	0
391	4	M79	1	0	-15.592	.144	0	0
392		2	0	.452	0	-.071	-.002	-.558
393		3	0	.127	0	-.071	-.001	-2.116
394		4	0	-.198	0	-.071	0	-1.926
395		5	0	-.497	0	-.071	0	0
396	4	M80	1	-.012	.629	0	-.074	0
397		2	-.012	.327	0	-.074	0	-2.608
398		3	-.012	0	0	-.074	0	-3.481
399		4	-.012	-.327	0	-.074	0	-2.608
400		5	-.012	-.629	0	-.074	0	0
401	4	M81	1	.002	.621	0	-.081	0
402		2	.002	.324	0	-.081	0	-2.586
403		3	.002	.01	0	-.081	0	-3.458
404		4	.002	-.329	0	-.081	0	-2.637
405		5	.002	-.649	0	-.081	0	0
406	4	M82	1	0	.689	0	-.089	0
407		2	0	.354	0	-.089	0	-2.807
408		3	0	-.011	0	-.089	0	-3.757
409		4	0	-.351	0	-.089	0	-2.777
410		5	0	-.668	0	-.089	0	0
411	4	M83	1	0	.099	0	.006	0
412		2	0	.069	0	.006	0	-.101
413		3	0	.003	0	.006	0	-.145
414		4	0	-.07	0	.006	0	-.106
415		5	0	-.105	0	.006	0	0
416	4	M84	1	.006	.118	0	.014	0
417		2	.006	.069	0	.014	0	-.11
418		3	.006	-.003	0	.014	0	-.149
419		4	.006	-.07	0	.014	0	-.106
420		5	.006	-.106	0	.014	0	0
421	4	M85	1	.009	.067	0	.019	0
422		2	.009	.038	0	.019	0	-.061
423		3	.009	.001	0	.019	0	-.084
424		4	.009	-.038	0	.019	0	-.062
425		5	.009	-.068	0	.019	0	0
426	4	M86	1	-.01	.106	0	.021	0
427		2	-.01	.06	0	.021	0	-.097
428		3	-.01	-.001	0	.021	0	-.132
429		4	-.01	-.059	0	.021	0	-.096
430		5	-.01	-.107	0	.021	0	0
431	4	M87	1	-.002	.114	0	.023	0
432		2	-.002	.069	0	.023	0	-.108
433		3	-.002	0	0	.023	0	-.148

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
434		4	-.002	-.069	0	.023	0	-.107
435		5	-.002	-.112	0	.023	0	0
436	4	M88	1	0	.145	0	.026	0
437		2	0	.082	0	.026	0	-.133
438		3	0	0	0	.026	0	-.181
439		4	0	-.082	0	.026	0	-.133
440		5	0	-.145	0	.026	0	0
441	4	M89	1	0	.137	0	-.02	0
442		2	0	.069	0	-.02	0	-.118
443		3	0	0	0	-.02	0	-.158
444		4	0	-.069	0	-.02	0	-.118
445		5	0	-.137	0	-.02	0	0
446	4	M90	1	0	.137	0	-.035	0
447		2	0	.069	0	-.035	0	-.118
448		3	0	0	0	-.035	0	-.158
449		4	0	-.069	0	-.035	0	-.118
450		5	0	-.137	0	-.035	0	0
451	4	M91	1	0	.137	0	-.052	0
452		2	0	.069	0	-.052	0	-.118
453		3	0	0	0	-.052	0	-.158
454		4	0	-.069	0	-.052	0	-.118
455		5	0	-.137	0	-.052	0	0
456	4	M92	1	0	.138	0	-.069	0
457		2	0	.069	0	-.069	0	-.118
458		3	0	0	0	-.069	0	-.158
459		4	0	-.069	0	-.069	0	-.118
460		5	0	-.138	0	-.069	0	0
461	4	M93	1	0	.137	0	-.085	0
462		2	0	.076	0	-.085	0	-.125
463		3	0	-.005	0	-.085	0	-.166
464		4	0	-.076	0	-.085	0	-.117
465		5	0	-.127	0	-.085	0	0
466	4	M94	1	.002	.098	0	-.101	0
467		2	.002	.067	0	-.101	0	-.1
468		3	.002	0	0	-.101	0	-.139
469		4	.002	-.063	0	-.101	0	-.102
470		5	.002	-.11	0	-.101	0	0
471	4	M95	1	-.003	.102	0	-.113	0
472		2	-.003	.069	0	-.113	0	-.105
473		3	-.003	.004	0	-.113	0	-.15
474		4	-.003	-.07	0	-.113	0	-.111
475		5	-.003	-.12	0	-.113	0	0
476	4	M96	1	0	.101	0	0	0
477		2	0	.07	0	0	0	-.105
478		3	0	.007	0	0	0	-.153
479		4	0	-.064	0	0	0	-.12
480		5	0	-.155	0	0	0	0
481	4	M97	1	-.024	.535	0	-.04	0
482		2	-.024	.311	0	-.04	0	-1.586
483		3	-.024	-.019	0	-.04	0	-2.132
484		4	-.024	-.311	0	-.04	0	-1.499
485		5	-.024	-.491	0	-.04	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
486	4	M98	1	-.003	.222	0	-.001	0
487			2	-.003	.138	0	-.001	0
488			3	-.003	.011	0	-.001	0
489			4	-.003	-.134	0	-.001	0
490			5	-.003	-.256	0	-.001	0
491	4	M99	1	0	.574	0	0	0
492			2	0	.466	0	0	0
493			3	0	.026	0	0	0
494			4	0	-.467	0	0	0
495			5	0	.136	0	0	0
496	4	M100	1	-.003	.27	0	-.008	0
497			2	-.003	.144	0	-.008	0
498			3	-.003	-.002	0	-.008	0
499			4	-.003	-.145	0	-.008	0
500			5	-.003	-.262	0	-.008	0
501	4	M101	1	-.024	.28	0	0	0
502			2	-.024	.152	0	0	0
503			3	-.024	.002	0	0	0
504			4	-.024	-.15	0	0	0
505			5	-.024	-.293	0	0	0
506	4	M102	1	.012	.325	0	0	0
507			2	.012	.168	0	0	0
508			3	.012	-.005	0	0	0
509			4	.012	-.17	0	0	0
510			5	.012	-.308	0	0	0
511	4	M103	1	-.002	.797	0	0	0
512			2	-.002	.526	0	0	0
513			3	-.002	.002	0	0	0
514			4	-.002	-.528	0	0	0
515			5	-.002	-.795	0	0	0
516	4	M104	1	0	.289	0	-.001	0
517			2	0	.155	0	-.001	0
518			3	0	.005	0	-.001	0
519			4	0	-.157	0	-.001	0
520			5	0	-.289	0	-.001	0
521	4	M105	1	0	.431	0	-.004	0
522			2	0	.232	0	-.004	0
523			3	0	-.007	0	-.004	0
524			4	0	-.23	0	-.004	0
525			5	0	-.418	0	-.004	0
526	4	M106	1	0	.272	0	0	0
527			2	0	.166	0	0	0
528			3	0	.001	0	0	0
529			4	0	-.162	0	0	0
530			5	0	-.288	0	0	0
531	4	M107	1	0	.414	0	.008	0
532			2	0	.236	0	.008	0
533			3	0	-.008	0	.008	0
534			4	0	-.224	0	.008	0
535			5	0	-.437	0	.008	0
536	4	M108	1	0	.268	0	0	0
537			2	0	.161	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
538		3	0	.007	0	0	0	-.785
539		4	0	-.157	0	0	0	-.589
540		5	0	-.297	0	0	0	0
541	4 M109	1	0	.398	0	.02	0	0
542		2	0	.234	0	.02	0	-1.181
543		3	0	0	0	.02	0	-1.622
544		4	0	-.233	0	.02	0	-1.182
545		5	0	-.398	0	.02	0	0
546	4 M110	1	0	.306	0	-.002	0	0
547		2	0	.153	0	-.002	0	-.588
548		3	0	-.001	0	-.002	0	-.782
549		4	0	-.156	0	-.002	0	-.578
550		5	0	-.288	0	-.002	0	0
551	4 M111	1	0	.398	0	.032	0	0
552		2	0	.219	0	.032	0	-1.183
553		3	0	0	0	.032	0	-1.582
554		4	0	-.219	0	.032	0	-1.183
555		5	0	-.398	0	.032	0	0
556	4 M112	1	0	.283	0	-.002	0	0
557		2	0	.152	0	-.002	0	-.565
558		3	0	.002	0	-.002	0	-.765
559		4	0	-.152	0	-.002	0	-.573
560		5	0	-.291	0	-.002	0	0
561	4 M113	1	0	.398	0	.043	0	0
562		2	0	.219	0	.043	0	-1.183
563		3	0	0	0	.043	0	-1.582
564		4	0	-.219	0	.043	0	-1.183
565		5	0	-.398	0	.043	0	0
566	4 M114	1	-.002	.27	0	-.002	0	0
567		2	-.002	.161	0	-.002	0	-.565
568		3	-.002	.013	0	-.002	0	-.795
569		4	-.002	-.159	0	-.002	0	-.609
570		5	-.002	-.304	0	-.002	0	0
571	4 M115	1	-.001	.398	0	.052	0	0
572		2	-.001	.219	0	.052	0	-1.183
573		3	-.001	0	0	.052	0	-1.582
574		4	-.001	-.219	0	.052	0	-1.183
575		5	-.001	-.398	0	.052	0	0
576	4 M116	1	.001	.282	0	.005	0	0
577		2	.001	.151	0	.005	0	-.562
578		3	.001	.001	0	.005	0	-.76
579		4	.001	-.151	0	.005	0	-.567
580		5	.001	-.288	0	.005	0	0
581	4 M117	1	0	.398	0	.06	0	0
582		2	0	.233	0	.06	0	-1.181
583		3	0	0	0	.06	0	-1.621
584		4	0	-.233	0	.06	0	-1.181
585		5	0	-.398	0	.06	0	0
586	4 M118	1	.009	.266	0	.004	0	0
587		2	.009	.158	0	.004	0	-.556
588		3	.009	.005	0	.004	0	-.771
589		4	.009	-.154	0	.004	0	-.577



**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
590		5	.009	-.292	0	.004	0	0
591	4	M119	1	.008	.417	0	.067	0
592		2	.008	.229	0	.067	0	-1.193
593		3	.008	.006	0	.067	0	-1.631
594		4	.008	-.233	0	.067	0	-1.211
595		5	.008	-.419	0	.067	0	0
596	4	M120	1	.028	.282	0	0	0
597		2	.028	.165	0	0	0	-.594
598		3	.028	-.002	0	0	0	-.805
599		4	.028	-.159	0	0	0	-.596
600		5	.028	-.305	0	0	0	0
601	4	M121	1	.074	.427	0	.072	0
602		2	.074	.24	0	.072	0	-1.266
603		3	.074	-.002	0	.072	0	-1.69
604		4	.074	-.236	0	.072	0	-1.257
605		5	.074	-.443	0	.072	0	0
606	4	M122	1	.016	.258	0	-.009	0
607		2	.016	.138	0	-.009	0	-.514
608		3	.016	0	0	-.009	0	-.694
609		4	.016	-.136	0	-.009	0	-.519
610		5	.016	-.269	0	-.009	0	0
611	4	M123	1	-.085	.407	0	-1.276	0
612		2	-.085	.22	0	-1.276	0	-1.15
613		3	-.085	.005	0	-1.276	0	-1.57
614		4	-.085	-.22	0	-1.276	0	-1.176
615		5	-.085	-.419	0	-1.276	0	0
616	4	M124	1	-.059	.239	0	-.014	0
617		2	-.059	.136	0	-.014	0	-.483
618		3	-.059	.013	0	-.014	0	-.682
619		4	-.059	-.137	0	-.014	0	-.524
620		5	-.059	-.264	0	-.014	0	0
621	4	M125	1	.025	.27	0	-1.273	0
622		2	.025	.121	0	-1.273	0	-.707
623		3	.025	-.004	0	-1.273	0	-.915
624		4	.025	-.125	0	-1.273	0	-.681
625		5	.025	-.246	0	-1.273	0	0
626	4	M126	1	.009	.797	0	.003	0
627		2	.009	.544	0	.003	0	-1.886
628		3	.009	-.011	0	.003	0	-2.643
629		4	.009	-.543	0	.003	0	-1.85
630		5	.009	-.778	0	.003	0	0
631	4	M127	1	-.019	.316	0	.005	0
632		2	-.019	.166	0	.005	0	-.65
633		3	-.019	0	0	.005	0	-.879
634		4	-.019	-.168	0	.005	0	-.649
635		5	-.019	-.309	0	.005	0	0
636	4	M128	1	.118	.288	0	0	0
637		2	.118	.154	0	0	0	-.599
638		3	.118	0	0	0	0	-.807
639		4	.118	-.153	0	0	0	-.597
640		5	.118	-.287	0	0	0	0
641	4	M129	1	-.158	.292	0	.005	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
642		2	-.158	.157	0	.005	0	-.612
643		3	-.158	0	0	.005	0	-.827
644		4	-.158	-.16	0	.005	0	-.612
645		5	-.158	-.284	0	.005	0	0
646	4	M130	1	-.011	.293	0	.001	0
647		2	-.011	.156	0	.001	0	-.613
648		3	-.011	.003	0	.001	0	-.829
649		4	-.011	-.158	0	.001	0	-.62
650		5	-.011	-.291	0	.001	0	0
651	4	M131	1	.061	.303	0	0	0
652		2	.061	.159	0	0	0	-.62
653		3	.061	.005	0	0	0	-.846
654		4	.061	-.163	0	0	0	-.631
655		5	.061	-.297	0	0	0	0
656	4	M132	1	-.014	.021	-.002	0	0
657		2	-.014	-.229	-.005	0	-.007	.158
658		3	0	.09	-.006	0	-.016	-.231
659		4	0	.219	-.016	0	-.039	-.116
660		5	0	-.248	0	0	0	0
661	4	M133	1	.009	.037	0	0	0
662		2	.009	-.071	0	0	0	.068
663		3	.001	.026	0	0	0	-.006
664		4	.001	.032	0	0	0	.005
665		5	.001	-.026	0	0	0	0
666	4	M134	1	.093	.123	0	-.005	0
667		2	.093	.066	0	-.005	0	-.114
668		3	.093	0	0	-.005	0	-.153
669		4	.093	-.069	0	-.005	0	-.112
670		5	.093	-.11	0	-.005	0	0
671	4	M135	1	-.086	.12	0	-.017	0
672		2	-.086	.067	0	-.017	0	-.112
673		3	-.086	.001	0	-.017	0	-.154
674		4	-.086	-.067	0	-.017	0	-.115
675		5	-.086	-.124	0	-.017	0	0
676	4	M136	1	-.002	.304	0	-.008	0
677		2	-.002	.163	0	-.008	0	-.637
678		3	-.002	-.002	0	-.008	0	-.854
679		4	-.002	-.16	0	-.008	0	-.636
680		5	-.002	-.312	0	-.008	0	0
681	4	M137	1	.015	.116	0	.003	0
682		2	.015	.074	0	.003	0	-.118
683		3	.015	-.001	0	.003	0	-.162
684		4	.015	-.07	0	.003	0	-.118
685		5	.015	-.131	0	.003	0	0
686	4	M138	1	0	.308	0	-.008	0
687		2	0	.158	0	-.008	0	-.627
688		3	0	.004	0	-.008	0	-.848
689		4	0	-.166	0	-.008	0	-.628
690		5	0	-.283	0	-.008	0	0
691	4	M139	1	-.022	.112	0	.003	0
692		2	-.022	.065	0	.003	0	-.105
693		3	-.022	0	0	.003	0	-.146

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
694		4	-.022	-.065	0	.003	0	-.106
695		5	-.022	-.112	0	.003	0	0
696	4	M140	1	0	.283	0	.003	0
697		2	0	.172	0	.003	0	-.632
698		3	0	.003	0	.003	0	-.874
699		4	0	-.165	0	.003	0	-.653
700		5	0	-.32	0	.003	0	0
701	4	M141	1	0	.107	0	.003	0
702		2	0	.062	0	.003	0	-.101
703		3	0	0	0	.003	0	-.14
704		4	0	-.062	0	.003	0	-.101
705		5	0	-.108	0	.003	0	0
706	4	M142	1	0	.278	0	.004	0
707		2	0	.164	0	.004	0	-.62
708		3	0	-.006	0	.004	0	-.833
709		4	0	-.158	0	.004	0	-.609
710		5	0	-.292	0	.004	0	0
711	4	M143	1	.006	.109	0	0	0
712		2	.006	.062	0	0	0	-.102
713		3	.006	0	0	0	0	-.14
714		4	.006	-.063	0	0	0	-.101
715		5	.006	-.107	0	0	0	0
716	4	M144	1	0	.325	0	-.002	0
717		2	0	.172	0	-.002	0	-.669
718		3	0	0	0	-.002	0	-.904
719		4	0	-.174	0	-.002	0	-.662
720		5	0	-.313	0	-.002	0	0
721	4	M145	1	-.004	.117	0	-.003	0
722		2	-.004	.075	0	-.003	0	-.121
723		3	-.004	0	0	-.003	0	-.165
724		4	-.004	-.073	0	-.003	0	-.121
725		5	-.004	-.123	0	-.003	0	0
726	4	M146	1	0	.316	0	-.002	0
727		2	0	.16	0	-.002	0	-.639
728		3	0	.003	0	-.002	0	-.859
729		4	0	-.164	0	-.002	0	-.642
730		5	0	-.304	0	-.002	0	0
731	4	M147	1	0	.101	0	-.005	0
732		2	0	.068	0	-.005	0	-.108
733		3	0	.003	0	-.005	0	-.152
734		4	0	-.067	0	-.005	0	-.113
735		5	0	-.123	0	-.005	0	0
736	4	M148	1	0	.246	0	0	0
737		2	0	.124	0	0	0	-.361
738		3	0	.015	.012	0	.003	-.509
739		4	0	-.107	-.007	0	.007	-.36
740		5	0	-.191	0	0	0	0
741	4	M149	1	.018	.107	.051	0	0
742		2	.018	.027	.051	0	.067	-.11
743		3	.013	-.063	-.042	0	.117	-.267
744		4	.013	-.096	-.042	0	.058	-.158
745		5	.013	-.136	-.042	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
746	4	M150	1	.093	.685	-.005	.157	0
747			2	.093	.343	.003	.157	-.01
748			3	.093	0	-.013	.157	-.017
749			4	.093	-.33	-.046	.157	-.067
750			5	.093	-.611	-.007	.157	0
751	4	M151	1	.014	.609	.037	-.179	0
752			2	.014	.587	.037	-.179	.019
753			3	.014	.577	.037	-.179	.037
754			4	.008	-1.183	-.056	-.179	.028
755			5	.008	-1.195	-.056	-.179	0
756	4	M152	1	.125	.076	0	-.029	0
757			2	.125	.046	0	-.029	0
758			3	.125	0	0	-.029	0
759			4	.125	-.046	0	-.029	0
760			5	.125	-.076	0	-.029	0
761	4	M153	1	-.086	.058	0	-.017	0
762			2	-.086	.036	0	-.017	0
763			3	-.086	.004	0	-.017	0
764			4	-.086	-.033	0	-.017	0
765			5	-.086	-.077	0	-.017	0
766	4	M154	1	-.034	.07	0	-.015	0
767			2	-.034	.053	0	-.015	0
768			3	-.034	.001	0	-.015	0
769			4	-.034	-.053	0	-.015	0
770			5	-.034	-.071	0	-.015	0
771	4	M155	1	-.011	.06	0	.002	0
772			2	-.011	.036	0	.002	0
773			3	-.011	.002	0	.002	0
774			4	-.011	-.036	0	.002	0
775			5	-.011	-.06	0	.002	0
776	4	M156	1	.002	.059	0	.02	0
777			2	.002	.033	0	.02	0
778			3	.002	.002	0	.02	0
779			4	.002	-.033	0	.02	0
780			5	.002	-.057	0	.02	0
781	4	M157	1	0	.091	0	.041	0
782			2	0	.048	0	.041	0
783			3	0	-.002	0	.041	0
784			4	0	-.05	0	.041	0
785			5	0	-.08	0	.041	0
786	4	M158	1	0	.056	0	.06	0
787			2	0	.047	0	.06	0
788			3	0	.001	0	.06	0
789			4	0	-.044	0	.06	0
790			5	0	-.065	0	.06	0
791	4	M159	1	.002	.071	0	.073	0
792			2	.002	.042	0	.073	0
793			3	.002	0	0	.073	0
794			4	.002	-.044	0	.073	0
795			5	.002	-.062	0	.073	0
796	4	M160	1	-.012	.045	0	-.019	0
797			2	-.012	.031	0	-.019	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
798		3	-.012	.002	0	-.019	0	-.035
799		4	-.012	-.031	0	-.019	0	-.026
800		5	-.012	-.05	0	-.019	0	0
801	4 M161	1	.011	.038	0	-.028	0	0
802		2	.011	.022	0	-.028	0	-.019
803		3	.011	0	0	-.028	0	-.026
804		4	.011	-.022	0	-.028	0	-.019
805		5	.011	-.038	0	-.028	0	0
806	4 M162	1	.007	.053	0	-.047	0	0
807		2	.007	.037	0	-.047	0	-.029
808		3	.007	0	0	-.047	0	-.041
809		4	.007	-.037	0	-.047	0	-.029
810		5	.007	-.053	0	-.047	0	0
811	4 M163	1	-.007	.075	0	-.064	0	0
812		2	-.007	.028	0	-.064	0	-.032
813		3	-.007	-.007	0	-.064	0	-.038
814		4	-.007	-.032	0	-.064	0	-.025
815		5	-.007	-.046	0	-.064	0	0
816	4 M164	1	0	.042	0	0	0	0
817		2	0	.036	0	0	0	-.025
818		3	0	.003	0	0	0	-.039
819		4	0	-.032	0	0	0	-.029
820		5	0	-.059	0	0	0	0
821	4 M165	1	.06	2.935	.004	-.071	0	0
822		2	.06	.258	.004	-.071	.011	-4.229
823		3	.06	-.077	.003	-.071	.021	-4.542
824		4	.06	-.404	.022	-.071	.046	-3.863
825		5	0	-1.678	0	0	0	0
826	4 M166	1	.006	-1.537	.004	0	0	0
827		2	.006	.441	.004	0	.01	1.318
828		3	.006	.198	.004	0	.019	.602
829		4	.006	.175	.003	0	.029	.056
830		5	.006	-.06	-.01	0	0	0
831	4 M167	1	.006	.358	0	-.009	0	0
832		2	.006	.159	0	-.009	0	-.749
833		3	.006	-.004	0	-.009	0	-.974
834		4	.006	-.177	0	-.009	0	-.712
835		5	.006	-.298	0	-.009	0	0
836	4 M168	1	-.071	.275	0	-.013	0	0
837		2	-.071	.158	0	-.013	0	-.636
838		3	-.071	.008	0	-.013	0	-.884
839		4	-.071	-.157	0	-.013	0	-.666
840		5	-.071	-.291	0	-.013	0	0
841	4 M169	1	0	.311	0	.006	0	0
842		2	0	.165	0	.006	0	-.734
843		3	0	.003	0	.006	0	-.98
844		4	0	-.169	0	.006	0	-.739
845		5	0	-.341	0	.006	0	0
846	4 M170	1	0	.312	0	.015	0	0
847		2	0	.172	0	.015	0	-.729
848		3	0	.001	0	.015	0	-.995
849		4	0	-.181	0	.015	0	-.726

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
850		5	0	-.308	0	.015	0	0
851	4	M171	1	-.002	.321	0	.016	0
852		2	-.002	.148	0	.016	0	-.711
853		3	-.002	-.002	0	.016	0	-.924
854		4	-.002	-.164	0	.016	0	-.683
855		5	-.002	-.296	0	.016	0	0
856	4	M172	1	0	-15.047	-.142	0	0
857		2	0	.399	.002	0	-.018	1.212
858		3	0	.235	.002	0	-.012	.295
859		4	0	.051	.002	0	-.006	-.114
860		5	0	-.135	.002	0	0	0
861	4	M173	1	.002	.338	0	-.017	0
862		2	.002	.177	0	-.017	0	-.762
863		3	.002	.003	0	-.017	0	-1.012
864		4	.002	-.181	0	-.017	0	-.752
865		5	.002	-.328	0	-.017	0	0
866	4	M174	1	0	.344	0	-.022	0
867		2	0	.188	0	-.022	0	-.785
868		3	0	-.003	0	-.022	0	-1.045
869		4	0	-.185	0	-.022	0	-.771
870		5	0	-.333	0	-.022	0	0
871	4	M175	1	0	.294	0	-.018	0
872		2	0	.156	0	-.018	0	-.684
873		3	0	-.003	0	-.018	0	-.903
874		4	0	-.154	0	-.018	0	-.677
875		5	0	-.316	0	-.018	0	0
876	4	M176	1	.002	.32	0	.02	0
877		2	.002	.164	0	.02	0	-.743
878		3	.002	.003	0	.02	0	-.991
879		4	.002	-.178	0	.02	0	-.735
880		5	.002	-.316	0	.02	0	0
881	4	M177	1	0	.288	0	-.014	0
882		2	0	.133	0	-.014	0	-.611
883		3	0	-.017	0	-.014	0	-.765
884		4	0	-.139	0	-.014	0	-.542
885		5	0	-.224	0	-.014	0	0
886	4	M178	1	0	.119	0	.007	0
887		2	0	.067	0	.007	0	-.111
888		3	0	-.003	0	.007	0	-.15
889		4	0	-.069	0	.007	0	-.107
890		5	0	-.109	0	.007	0	0
891	4	M179	1	0	.121	0	.008	0
892		2	0	.072	0	.008	0	-.117
893		3	0	.001	0	.008	0	-.16
894		4	0	-.068	0	.008	0	-.121
895		5	0	-.138	0	.008	0	0
896	4	M180	1	0	.115	0	.007	0
897		2	0	.071	0	.007	0	-.114
898		3	0	-.002	0	.007	0	-.156
899		4	0	-.071	0	.007	0	-.112
900		5	0	-.113	0	.007	0	0
901	4	M181	1	.005	1.265	.002	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
902		2	.002	-.586	-.007	0	0	.672
903		3	.002	.933	0	0	0	.812
904		4	.001	-1.62	.002	.008	-.003	-1.623
905		5	.001	.291	0	.008	0	0
906	4	M182	1	.002	-.238	0	.002	0
907		2	.002	.18	0	.002	0	.232
908		3	.002	.175	0	.002	0	.136
909		4	.002	.283	0	.002	0	.151
910		5	.002	.274	0	.002	0	0
911	4	M183	1	.001	.291	0	.008	0
912		2	.001	.132	0	.008	0	-.185
913		3	.001	-.04	0	.008	0	-.254
914		4	.001	-.085	0	.008	0	-.193
915		5	.001	-.218	0	.008	0	0
916	4	M184	1	0	0	0	0	0
917		2	0	-.057	0	0	0	.04
918		3	0	-.138	0	0	0	.197
919		4	0	.126	-.004	-.045	.006	.142
920		5	0	.056	-.004	-.045	0	0
921	4	M185	1	0	0	0	0	0
922		2	0	-.048	0	0	0	.027
923		3	0	-.102	0	0	0	.145
924		4	0	.091	-.004	-.049	.006	.086
925		5	0	.023	-.004	-.049	0	0
926	4	M186	1	0	0	0	0	0
927		2	0	-.053	0	0	0	.034
928		3	0	-.104	0	0	0	.15
929		4	0	.083	-.004	-.052	.005	.073
930		5	0	.019	-.004	-.052	0	0
931	4	M187	1	0	0	0	0	0
932		2	0	-.052	0	0	0	.031
933		3	0	-.095	0	0	0	.131
934		4	-.007	.062	-.004	-.054	.005	.042
935		5	-.007	.002	-.004	-.054	0	0
936	4	M188	1	0	0	0	0	0
937		2	0	-.028	0	0	0	.018
938		3	0	.081	-.004	-.054	.01	.064
939		4	0	.027	-.004	-.054	.005	0
940		5	0	-.026	-.004	-.054	0	0
941	4	M189	1	0	.047	0	-.052	0
942		2	0	.032	0	-.052	0	-.026
943		3	0	.001	0	-.052	0	-.037
944		4	0	-.03	0	-.052	0	-.027
945		5	0	-.058	0	-.052	0	0
946	4	M190	1	.006	.04	0	-.05	0
947		2	.006	.022	0	-.05	0	-.019
948		3	.006	0	0	-.05	0	-.027
949		4	.006	-.024	0	-.05	0	-.019
950		5	.006	-.033	0	-.05	0	0
951	4	M191	1	-.006	.046	0	-.047	0
952		2	-.006	.026	0	-.047	0	-.023
953		3	-.006	0	0	-.047	0	-.031

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
954		4	-.006	-.026	0	-.047	0	-.023
955		5	-.006	-.043	0	-.047	0	0
956	4	M192	1	-.001	.048	0	.074	0
957		2	-.001	.028	0	.074	0	-.024
958		3	-.001	.002	0	.074	0	-.034
959		4	-.001	-.029	0	.074	0	-.025
960		5	-.001	-.047	0	.074	0	0
961	4	M193	1	0	.034	0	.085	0
962		2	0	.02	0	.085	0	-.017
963		3	0	-.001	0	.085	0	-.023
964		4	0	-.02	0	.085	0	-.016
965		5	0	-.032	0	.085	0	0
966	4	M194	1	.053	-1.395	.002	0	0
967		2	.053	.465	0	0	0	.753
968		3	.053	-.794	0	0	0	1.002
969		4	.053	2.131	.001	0	0	1.152
970		5	.053	2.122	.001	0	0	0
971	4	M195	1	-.001	.031	0	0	0
972		2	-.001	.016	0	0	0	-.013
973		3	-.001	-.004	0	0	0	-.016
974		4	-.001	-.018	0	0	0	-.009
975		5	-.001	-.018	0	0	0	0
976	4	M196	1	.071	-.838	.004	0	0
977		2	.071	-.838	.004	0	.004	.838
978		3	.071	-.678	-.006	0	.005	1.6
979		4	.071	.026	-.006	0	0	1.74
980		5	.071	1.708	.002	0	0	0
981	4	M197	1	0	0	0	0	0
982		2	0	-.052	0	0	0	.035
983		3	0	-.121	0	0	0	.165
984		4	0	.111	-.004	-.037	.006	.118
985		5	0	.041	-.004	-.037	0	0
986	4	M198	1	0	0	0	0	0
987		2	0	-.053	0	0	0	.036
988		3	0	-.122	0	0	0	.168
989		4	0	.104	-.004	-.033	.005	.105
990		5	0	.036	-.004	-.033	0	0
991	4	M199	1	0	0	0	0	0
992		2	0	-.048	0	0	0	.033
993		3	0	-.11	0	0	0	.146
994		4	0	.083	-.003	-.031	.005	.073
995		5	0	.019	-.003	-.031	0	0
996	4	M200	1	0	0	0	0	0
997		2	0	-.046	0	0	0	.029
998		3	0	-.1	0	0	0	.13
999		4	.007	.062	-.003	-.03	.005	.042
1000		5	.007	.002	-.003	-.03	0	0
1001	4	M201	1	0	0	0	0	0
1002		2	0	-.028	0	0	0	.016
1003		3	0	.073	-.004	-.032	.008	.046
1004		4	0	.019	-.004	-.032	.004	-.009
1005		5	0	-.034	-.004	-.032	0	0



**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1006	4	M202	1	0	.047	0	-.035	0
1007			2	0	.032	0	-.035	0
1008			3	0	.001	0	-.035	0
1009			4	0	-.03	0	-.035	0
1010			5	0	-.058	0	-.035	0
1011	4	M203	1	0	.04	0	-.038	0
1012			2	0	.022	0	-.038	0
1013			3	0	0	0	-.038	0
1014			4	0	-.024	0	-.038	0
1015			5	0	-.033	0	-.038	0
1016	4	M204	1	-.003	.046	0	-.042	0
1017			2	-.003	.026	0	-.042	0
1018			3	-.003	0	0	-.042	0
1019			4	-.003	-.026	0	-.042	0
1020			5	-.003	-.043	0	-.042	0
1021	4	M205	1	0	.048	0	-.119	0
1022			2	0	.028	0	-.119	0
1023			3	0	.002	0	-.119	0
1024			4	0	-.029	0	-.119	0
1025			5	0	-.047	0	-.119	0
1026	4	M206	1	0	.034	0	-.123	0
1027			2	0	.02	0	-.123	0
1028			3	0	-.001	0	-.123	0
1029			4	0	-.02	0	-.123	0
1030			5	0	-.032	0	-.123	0
1031	4	M207	1	0	.094	0	.023	0
1032			2	0	.061	0	.023	0
1033			3	0	-.003	0	.023	0
1034			4	0	-.06	0	.023	0
1035			5	0	-.093	0	.023	0
1036	4	M208	1	0	.12	0	.015	0
1037			2	0	.064	0	.015	0
1038			3	0	0	0	.015	0
1039			4	0	-.07	0	.015	0
1040			5	0	-.1	0	.015	0
1041	4	M209	1	0	.112	0	.008	0
1042			2	0	.055	0	.008	0
1043			3	0	-.002	0	.008	0
1044			4	0	-.058	0	.008	0
1045			5	0	-.091	0	.008	0
1046	4	M210	1	0	.117	0	0	0
1047			2	0	.057	0	0	0
1048			3	0	-.003	0	0	0
1049			4	0	-.063	0	0	0
1050			5	0	-.085	0	0	0
1051	4	M211	1	.002	.097	0	-.006	0
1052			2	.002	.06	0	-.006	0
1053			3	.002	0	0	-.006	0
1054			4	.002	-.062	0	-.006	0
1055			5	.002	-.085	0	-.006	0
1056	4	M212	1	.018	.103	0	-.013	0
1057			2	.018	.056	0	-.013	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1058		3	.018	0	0	-.013	0	-.108
1059		4	.018	-.057	0	-.013	0	-.08
1060		5	.018	-.09	0	-.013	0	0
1061	4 M213	1	-.005	.095	0	-.018	0	0
1062		2	-.005	.061	0	-.018	0	-.081
1063		3	-.005	0	0	-.018	0	-.113
1064		4	-.005	-.062	0	-.018	0	-.081
1065		5	-.005	-.092	0	-.018	0	0
1066	4 M214	1	-.015	.079	0	-.021	0	0
1067		2	-.015	.045	0	-.021	0	-.063
1068		3	-.015	-.001	0	-.021	0	-.085
1069		4	-.015	-.043	0	-.021	0	-.063
1070		5	-.015	-.085	0	-.021	0	0
1071	4 M230	1	0	0	0	0	0	0
1072		2	.025	.302	0	0	-.009	.163
1073		3	.025	.112	0	0	-.006	-.89
1074		4	.025	-.098	0	0	-.003	-.924
1075		5	.025	-.268	0	0	0	0
1076	4 M231	1	0	0	0	0	0	0
1077		2	0	0	0	0	0	0
1078		3	0	0	0	0	0	0
1079		4	0	0	0	0	0	0
1080		5	0	0	0	0	0	0
1081	4 M232	1	0	0	0	0	0	0
1082		2	0	0	0	0	0	0
1083		3	0	0	0	0	0	0
1084		4	0	0	0	0	0	0
1085		5	0	0	0	0	0	0
1086	4 M233	1	0	0	0	0	0	0
1087		2	0	0	0	0	0	0
1088		3	0	0	0	0	0	0
1089		4	0	0	0	0	0	0
1090		5	0	0	0	0	0	0
1091	4 M234	1	0	0	0	0	0	0
1092		2	0	.401	0	0	0	.667
1093		3	0	.194	0	0	0	.29
1094		4	0	.018	0	0	0	-.034
1095		5	0	-.185	0	0	0	0
1096	4 M235	1	0	.024	0	0	0	0
1097		2	0	.024	0	0	0	-.013
1098		3	0	-.273	0	0	0	.105
1099		4	0	.177	0	0	0	.099
1100		5	0	.177	0	0	0	0
1101	4 M236	1	.005	.073	0	0	0	0
1102		2	.002	-.09	.002	.02	0	.015
1103		3	.002	.115	.002	.02	0	.161
1104		4	0	-.012	0	0	.004	-.322
1105		5	0	-.397	0	0	0	0
1106	4 M237	1	.005	0	0	0	0	0
1107		2	.005	0	0	0	0	0
1108		3	.005	0	0	0	0	0
1109		4	.005	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1110		5	.005	0	0	0	0	0
1111	4	M238	1	.005	.183	0	0	0
1112		2	.005	-.046	0	0	0	-.067
1113		3	.005	-.047	0	0	0	-.045
1114		4	.005	-.047	0	0	0	-.022
1115		5	.005	-.047	0	0	0	0
1116	4	M239	1	.005	.057	0	0	0
1117		2	.005	.045	0	0	0	-.025
1118		3	.005	-.048	0	0	0	-.054
1119		4	.005	-.053	0	0	0	-.029
1120		5	.005	-.063	0	0	0	0
1121	4	M241	1	0	.235	.004	0	0
1122		2	0	-.249	-.001	0	.002	-.182
1123		3	0	-.46	.001	0	0	.071
1124		4	0	-.507	.001	0	.002	.625
1125		5	0	.464	-.001	0	0	0
1126	4	M242	1	-.012	.786	0	0	0
1127		2	-.012	.778	0	0	0	-.554
1128		3	-.012	-.667	0	0	0	-.956
1129		4	-.012	-.675	0	0	0	-.48
1130		5	-.012	-.68	0	0	0	0
1131	4	M243	1	0	-.68	-.012	0	0
1132		2	0	-1.201	.013	0	-.006	-.852
1133		3	0	-1.291	.013	0	0	-.226
1134		4	0	-1.44	.013	0	.008	.454
1135		5	0	-1.951	-.071	0	0	0
1136	4	M244	1	-.012	.038	0	0	0
1137		2	-.012	.018	0	0	0	-.056
1138		3	-.012	-.001	0	0	0	-.072
1139		4	-.012	-.018	0	0	0	-.053
1140		5	-.012	-.034	0	0	0	0
1141	4	M245	1	-.021	.871	-.004	-.182	0
1142		2	-.021	-.184	-.004	-.182	.014	-.468
1143		3	-.021	-2.02	-.004	-.182	.028	-.095
1144		4	.008	1.119	-.014	-.182	.02	1.504
1145		5	.008	1.064	-.014	-.182	0	0
1146	4	M246	1	0	.03	0	0	0
1147		2	0	.013	0	0	0	-.007
1148		3	0	-.002	0	0	0	-.008
1149		4	0	-.013	0	0	0	-.006
1150		5	0	-.027	0	0	0	0
1151	4	M247	1	0	.118	0	.001	0
1152		2	0	-.049	0	.001	0	-.074
1153		3	.002	.041	0	.001	0	-.086
1154		4	.006	-.242	0	.001	0	.219
1155		5	.011	-.52	.029	.001	0	0
1156	4	M248	1	-.014	.147	-.002	0	0
1157		2	-.014	.032	0	0	0	.018
1158		3	-.014	.022	0	0	0	.006
1159		4	-.014	.006	0	0	0	0
1160		5	-.014	-.005	0	0	0	0
1161	4	M249	1	0	.253	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1162		2	0	.051	-.006	0	.021	-.242
1163		3	0	.015	-.005	0	.009	-.319
1164		4	0	-.045	-.003	0	.007	-.364
1165		5	0	-.271	-.004	0	0	0
1166	4 M250	1	0	.016	0	0	0	0
1167		2	0	.006	0	0	0	-.002
1168		3	0	-.001	0	0	0	-.002
1169		4	0	-.007	0	0	0	-.001
1170		5	0	-.011	0	0	0	0
1171	4 M251	1	0	.117	.043	0	0	0
1172		2	0	.087	.043	0	.029	-.067
1173		3	0	-.023	-.032	0	.032	-.107
1174		4	0	-.044	-.032	0	.011	-.085
1175		5	0	-.224	0	0	0	0
1176	4 M252	1	0	.121	-.001	0	0	0
1177		2	0	.266	0	0	0	-.363
1178		3	0	-.152	0	0	0	-.251
1179		4	0	-.059	-.056	0	.052	-.148
1180		5	0	-.24	.043	0	0	0
1181	4 M253	1	0	.581	0	0	0	0
1182		2	0	.19	0	0	0	-.168
1183		3	0	.093	0	0	0	-.25
1184		4	0	-.284	-.001	0	0	-.183
1185		5	0	-.342	-.001	0	0	0
1186	4 M254	1	0	.136	0	0	0	0
1187		2	0	.064	0	0	0	-.029
1188		3	0	-.002	0	0	0	-.038
1189		4	0	-.058	0	0	0	-.029
1190		5	0	-.156	0	0	0	0
1191	4 M255	1	0	.413	0	0	0	0
1192		2	0	-.11	-.001	0	0	-.158
1193		3	0	.021	.001	0	0	-.012
1194		4	0	.12	0	0	0	-.064
1195		5	0	-.453	0	0	0	0
1196	4 M256	1	-.148	0	0	0	0	0
1197		2	-.148	0	0	0	0	0
1198		3	-.148	0	0	0	0	0
1199		4	-.148	0	0	0	0	0
1200		5	-.148	0	0	0	0	0
1201	4 M257	1	.676	0	0	0	0	0
1202		2	.676	0	0	0	0	0
1203		3	.676	0	0	0	0	0
1204		4	.676	0	0	0	0	0
1205		5	.676	0	0	0	0	0
1206	4 M258	1	.624	0	0	0	0	0
1207		2	.624	0	0	0	0	0
1208		3	.624	0	0	0	0	0
1209		4	.624	0	0	0	0	0
1210		5	.624	0	0	0	0	0
1211	4 M259	1	.599	0	0	0	0	0
1212		2	.599	0	0	0	0	0
1213		3	.599	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1214		4	.599	0	0	0	0	0
1215		5	.599	0	0	0	0	0
1216	4	M260	1	.578	0	0	0	0
1217		2	.578	0	0	0	0	0
1218		3	.578	0	0	0	0	0
1219		4	.578	0	0	0	0	0
1220		5	.578	0	0	0	0	0
1221	4	M261	1	.551	0	0	0	0
1222		2	.551	0	0	0	0	0
1223		3	.551	0	0	0	0	0
1224		4	.551	0	0	0	0	0
1225		5	.551	0	0	0	0	0
1226	4	M262	1	.514	0	0	0	0
1227		2	.514	0	0	0	0	0
1228		3	.514	0	0	0	0	0
1229		4	.514	0	0	0	0	0
1230		5	.514	0	0	0	0	0
1231	4	M263	1	.432	0	0	0	0
1232		2	.432	0	0	0	0	0
1233		3	.432	0	0	0	0	0
1234		4	.432	0	0	0	0	0
1235		5	.432	0	0	0	0	0
1236	4	M264	1	.312	0	0	0	0
1237		2	.312	0	0	0	0	0
1238		3	.312	0	0	0	0	0
1239		4	.312	0	0	0	0	0
1240		5	.312	0	0	0	0	0
1241	4	M265	1	.207	0	0	0	0
1242		2	.207	0	0	0	0	0
1243		3	.207	0	0	0	0	0
1244		4	.207	0	0	0	0	0
1245		5	.207	0	0	0	0	0
1246	4	M266	1	.205	0	0	0	0
1247		2	.205	0	0	0	0	0
1248		3	.205	0	0	0	0	0
1249		4	.205	0	0	0	0	0
1250		5	.205	0	0	0	0	0
1251	4	M267	1	.409	0	0	0	0
1252		2	.409	0	0	0	0	0
1253		3	.409	0	0	0	0	0
1254		4	.409	0	0	0	0	0
1255		5	.409	0	0	0	0	0
1256	4	M268	1	1.678	0	0	0	0
1257		2	1.678	0	0	0	0	0
1258		3	1.678	0	0	0	0	0
1259		4	1.678	0	0	0	0	0
1260		5	1.678	0	0	0	0	0
1261	4	M269	1	.389	0	0	0	0
1262		2	.389	0	0	0	0	0
1263		3	.389	0	0	0	0	0
1264		4	.389	0	0	0	0	0
1265		5	.389	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1266	4	M270	1	.124	0	0	0	0
1267			2	.124	0	0	0	0
1268			3	.124	0	0	0	0
1269			4	.124	0	0	0	0
1270			5	.124	0	0	0	0
1271	4	M271	1	.138	0	0	0	0
1272			2	.138	0	0	0	0
1273			3	.138	0	0	0	0
1274			4	.138	0	0	0	0
1275			5	.138	0	0	0	0
1276	4	M272	1	.071	0	0	0	0
1277			2	.071	0	0	0	0
1278			3	.071	0	0	0	0
1279			4	.071	0	0	0	0
1280			5	.071	0	0	0	0
1281	4	M273	1	.137	0	0	0	0
1282			2	.137	0	0	0	0
1283			3	.137	0	0	0	0
1284			4	.137	0	0	0	0
1285			5	.137	0	0	0	0
1286	4	M274	1	2.104	0	0	0	0
1287			2	2.104	0	0	0	0
1288			3	2.104	0	0	0	0
1289			4	2.104	0	0	0	0
1290			5	2.104	0	0	0	0
1291	4	M275	1	.477	0	0	0	0
1292			2	.477	0	0	0	0
1293			3	.477	0	0	0	0
1294			4	.477	0	0	0	0
1295			5	.477	0	0	0	0
1296	4	M276	1	.338	0	0	0	0
1297			2	.338	0	0	0	0
1298			3	.338	0	0	0	0
1299			4	.338	0	0	0	0
1300			5	.338	0	0	0	0
1301	4	M277	1	.299	0	0	0	0
1302			2	.299	0	0	0	0
1303			3	.299	0	0	0	0
1304			4	.299	0	0	0	0
1305			5	.299	0	0	0	0
1306	4	M278	1	.397	0	0	0	0
1307			2	.397	0	0	0	0
1308			3	.397	0	0	0	0
1309			4	.397	0	0	0	0
1310			5	.397	0	0	0	0
1311	4	M280	1	0	0	0	0	0
1312			2	0	0	0	0	0
1313			3	0	0	0	0	0
1314			4	0	0	0	0	0
1315			5	0	0	0	0	0
1316	4	M281	1	0	0	0	0	0
1317			2	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1318		3	0	0	0	0	0	0
1319		4	0	0	0	0	0	0
1320		5	0	0	0	0	0	0
1321	4 M282	1	-.086	0	0	-.006	0	0
1322		2	-.086	0	0	-.006	0	0
1323		3	-.086	0	0	-.006	0	0
1324		4	-.086	0	0	-.006	0	0
1325		5	-.086	0	0	-.006	0	0
1326	4 M283	1	2.292	0	0	-.007	0	0
1327		2	2.292	0	0	-.007	0	0
1328		3	2.292	0	0	-.007	0	0
1329		4	2.292	0	0	-.007	0	0
1330		5	2.292	0	0	-.007	0	0
1331	4 M284	1	5.145	0	0	0	0	0
1332		2	5.145	0	0	0	0	0
1333		3	5.145	0	0	0	0	0
1334		4	5.145	0	0	0	0	0
1335		5	5.145	0	0	0	0	0
1336	4 M285	1	13.673	0	0	0	0	0
1337		2	13.673	0	0	0	0	0
1338		3	13.673	0	0	0	0	0
1339		4	13.673	0	0	0	0	0
1340		5	13.673	0	0	0	0	0
1341	4 M286	1	.485	0	0	0	0	0
1342		2	.485	0	0	0	0	0
1343		3	.485	0	0	0	0	0
1344		4	.485	0	0	0	0	0
1345		5	.485	0	0	0	0	0
1346	4 M288	1	1.109	0	0	0	0	0
1347		2	1.109	0	0	0	0	0
1348		3	1.109	0	0	0	0	0
1349		4	1.109	0	0	0	0	0
1350		5	1.109	0	0	0	0	0
1351	4 M289	1	1.365	0	0	0	0	0
1352		2	1.365	0	0	0	0	0
1353		3	1.365	0	0	0	0	0
1354		4	1.365	0	0	0	0	0
1355		5	1.365	0	0	0	0	0
1356	4 M290	1	.226	0	0	0	0	0
1357		2	.226	0	0	0	0	0
1358		3	.226	0	0	0	0	0
1359		4	.226	0	0	0	0	0
1360		5	.226	0	0	0	0	0
1361	4 M291	1	.689	0	0	0	0	0
1362		2	.689	0	0	0	0	0
1363		3	.689	0	0	0	0	0
1364		4	.689	0	0	0	0	0
1365		5	.689	0	0	0	0	0
1366	4 M292	1	1.041	0	0	0	0	0
1367		2	1.041	0	0	0	0	0
1368		3	1.041	0	0	0	0	0
1369		4	1.041	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1370		5	1.041	0	0	0	0	0
1371	4	M293	1	.274	0	0	0	0
1372		2	.274	0	0	0	0	0
1373		3	.274	0	0	0	0	0
1374		4	.274	0	0	0	0	0
1375		5	.274	0	0	0	0	0
1376	4	M294	1	2.624	0	0	0	0
1377		2	2.624	0	0	0	0	0
1378		3	2.624	0	0	0	0	0
1379		4	2.624	0	0	0	0	0
1380		5	2.624	0	0	0	0	0
1381	4	M295	1	2.989	0	0	0	0
1382		2	2.989	0	0	0	0	0
1383		3	2.989	0	0	0	0	0
1384		4	2.989	0	0	0	0	0
1385		5	2.989	0	0	0	0	0
1386	4	M296	1	.931	0	0	0	0
1387		2	.931	0	0	0	0	0
1388		3	.931	0	0	0	0	0
1389		4	.931	0	0	0	0	0
1390		5	.931	0	0	0	0	0
1391	4	M297	1	1.542	0	0	0	0
1392		2	1.542	0	0	0	0	0
1393		3	1.542	0	0	0	0	0
1394		4	1.542	0	0	0	0	0
1395		5	1.542	0	0	0	0	0
1396	4	M298	1	.174	0	0	0	0
1397		2	.174	0	0	0	0	0
1398		3	.174	0	0	0	0	0
1399		4	.174	0	0	0	0	0
1400		5	.174	0	0	0	0	0
1401	4	M299	1	.089	0	0	0	0
1402		2	.089	0	0	0	0	0
1403		3	.089	0	0	0	0	0
1404		4	.089	0	0	0	0	0
1405		5	.089	0	0	0	0	0
1406	4	M300	1	.124	0	0	0	0
1407		2	.124	0	0	0	0	0
1408		3	.124	0	0	0	0	0
1409		4	.124	0	0	0	0	0
1410		5	.124	0	0	0	0	0
1411	4	M301	1	.118	0	0	0	0
1412		2	.118	0	0	0	0	0
1413		3	.118	0	0	0	0	0
1414		4	.118	0	0	0	0	0
1415		5	.118	0	0	0	0	0
1416	4	M302	1	.103	0	.01	0	0
1417		2	.103	0	0	.01	0	0
1418		3	.103	0	0	.01	0	0
1419		4	.103	0	0	.01	0	0
1420		5	.103	0	0	.01	0	0
1421	4	M303	1	.169	0	0	0	0



**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1422		2	.169	0	0	0	0	0
1423		3	.169	0	0	0	0	0
1424		4	.169	0	0	0	0	0
1425		5	.169	0	0	0	0	0
1426	4 M304	1	.251	0	0	0	0	0
1427		2	.251	0	0	0	0	0
1428		3	.251	0	0	0	0	0
1429		4	.251	0	0	0	0	0
1430		5	.251	0	0	0	0	0
1431	4 M305	1	.281	0	0	.01	0	0
1432		2	.281	0	0	.01	0	0
1433		3	.281	0	0	.01	0	0
1434		4	.281	0	0	.01	0	0
1435		5	.281	0	0	.01	0	0
1436	4 M306	1	0	0	0	0	0	0
1437		2	0	0	0	0	0	0
1438		3	0	0	0	0	0	0
1439		4	0	0	0	0	0	0
1440		5	0	0	0	0	0	0
1441	4 M307	1	.405	0	0	0	0	0
1442		2	.405	0	0	0	0	0
1443		3	.405	0	0	0	0	0
1444		4	.405	0	0	0	0	0
1445		5	.405	0	0	0	0	0
1446	4 M308	1	.248	0	0	0	0	0
1447		2	.248	0	0	0	0	0
1448		3	.248	0	0	0	0	0
1449		4	.248	0	0	0	0	0
1450		5	.248	0	0	0	0	0
1451	4 M309	1	7.702	0	0	0	0	0
1452		2	7.702	0	0	0	0	0
1453		3	7.702	0	0	0	0	0
1454		4	7.702	0	0	0	0	0
1455		5	7.702	0	0	0	0	0
1456	4 M310	1	3.603	0	0	0	0	0
1457		2	3.603	0	0	0	0	0
1458		3	3.603	0	0	0	0	0
1459		4	3.603	0	0	0	0	0
1460		5	3.603	0	0	0	0	0
1461	4 M311	1	1.982	0	0	0	0	0
1462		2	1.982	0	0	0	0	0
1463		3	1.982	0	0	0	0	0
1464		4	1.982	0	0	0	0	0
1465		5	1.982	0	0	0	0	0
1466	4 M312	1	2.435	0	0	0	0	0
1467		2	2.435	0	0	0	0	0
1468		3	2.435	0	0	0	0	0
1469		4	2.435	0	0	0	0	0
1470		5	2.435	0	0	0	0	0
1471	4 M313	1	5.104	0	0	0	0	0
1472		2	5.104	0	0	0	0	0
1473		3	5.104	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1474		4	5.104	0	0	0	0	0
1475		5	5.104	0	0	0	0	0
1476	4	M314	1	5.325	0	0	0	0
1477		2	5.325	0	0	0	0	0
1478		3	5.325	0	0	0	0	0
1479		4	5.325	0	0	0	0	0
1480		5	5.325	0	0	0	0	0
1481	4	M315	1	3.667	0	0	0	0
1482		2	3.667	0	0	0	0	0
1483		3	3.667	0	0	0	0	0
1484		4	3.667	0	0	0	0	0
1485		5	3.667	0	0	0	0	0
1486	4	M316	1	2.024	0	0	0	0
1487		2	2.024	0	0	0	0	0
1488		3	2.024	0	0	0	0	0
1489		4	2.024	0	0	0	0	0
1490		5	2.024	0	0	0	0	0
1491	4	M317	1	1.401	0	0	0	0
1492		2	1.401	0	0	0	0	0
1493		3	1.401	0	0	0	0	0
1494		4	1.401	0	0	0	0	0
1495		5	1.401	0	0	0	0	0
1496	4	M318	1	-.609	0	0	0	0
1497		2	-.609	0	0	0	0	0
1498		3	-.609	0	0	0	0	0
1499		4	-.609	0	0	0	0	0
1500		5	-.609	0	0	0	0	0
1501	4	M319	1	.227	0	0	0	0
1502		2	.227	0	0	0	0	0
1503		3	.227	0	0	0	0	0
1504		4	.227	0	0	0	0	0
1505		5	.227	0	0	0	0	0
1506	4	M320	1	.149	0	0	0	0
1507		2	.149	0	0	0	0	0
1508		3	.149	0	0	0	0	0
1509		4	.149	0	0	0	0	0
1510		5	.149	0	0	0	0	0
1511	4	M321	1	.471	0	0	0	0
1512		2	.471	0	0	0	0	0
1513		3	.471	0	0	0	0	0
1514		4	.471	0	0	0	0	0
1515		5	.471	0	0	0	0	0
1516	4	M322	1	1.913	0	0	0	0
1517		2	1.913	0	0	0	0	0
1518		3	1.913	0	0	0	0	0
1519		4	1.913	0	0	0	0	0
1520		5	1.913	0	0	0	0	0
1521	4	M323	1	2.965	0	0	0	0
1522		2	2.965	0	0	0	0	0
1523		3	2.965	0	0	0	0	0
1524		4	2.965	0	0	0	0	0
1525		5	2.965	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1526	4	M324	1	.747	0	0	0	0
1527			2	.747	0	0	0	0
1528			3	.747	0	0	0	0
1529			4	.747	0	0	0	0
1530			5	.747	0	0	0	0
1531	4	M325	1	1.844	0	0	0	0
1532			2	1.844	0	0	0	0
1533			3	1.844	0	0	0	0
1534			4	1.844	0	0	0	0
1535			5	1.844	0	0	0	0
1536	4	M328	1	.814	0	0	0	0
1537			2	.814	0	0	0	0
1538			3	.814	0	0	0	0
1539			4	.814	0	0	0	0
1540			5	.814	0	0	0	0
1541	4	M329	1	.97	0	0	0	0
1542			2	.97	0	0	0	0
1543			3	.97	0	0	0	0
1544			4	.97	0	0	0	0
1545			5	.97	0	0	0	0
1546	4	M330	1	1.072	0	0	0	0
1547			2	1.072	0	0	0	0
1548			3	1.072	0	0	0	0
1549			4	1.072	0	0	0	0
1550			5	1.072	0	0	0	0
1551	4	M331	1	1.138	0	0	0	0
1552			2	1.138	0	0	0	0
1553			3	1.138	0	0	0	0
1554			4	1.138	0	0	0	0
1555			5	1.138	0	0	0	0
1556	4	M332	1	1.128	0	0	0	0
1557			2	1.128	0	0	0	0
1558			3	1.128	0	0	0	0
1559			4	1.128	0	0	0	0
1560			5	1.128	0	0	0	0
1561	4	M333	1	1.12	0	0	0	0
1562			2	1.12	0	0	0	0
1563			3	1.12	0	0	0	0
1564			4	1.12	0	0	0	0
1565			5	1.12	0	0	0	0
1566	4	M334	1	1.133	0	0	0	0
1567			2	1.133	0	0	0	0
1568			3	1.133	0	0	0	0
1569			4	1.133	0	0	0	0
1570			5	1.133	0	0	0	0
1571	4	M335	1	1.135	0	0	0	0
1572			2	1.135	0	0	0	0
1573			3	1.135	0	0	0	0
1574			4	1.135	0	0	0	0
1575			5	1.135	0	0	0	0
1576	4	M336	1	1.221	0	0	0	0
1577			2	1.221	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1578		3	1.221	0	0	0	0	0
1579		4	1.221	0	0	0	0	0
1580		5	1.221	0	0	0	0	0
1581	4 M337	1	1.441	0	0	0	0	0
1582		2	1.441	0	0	0	0	0
1583		3	1.441	0	0	0	0	0
1584		4	1.441	0	0	0	0	0
1585		5	1.441	0	0	0	0	0
1586	4 M338	1	1.752	0	0	0	0	0
1587		2	1.752	0	0	0	0	0
1588		3	1.752	0	0	0	0	0
1589		4	1.752	0	0	0	0	0
1590		5	1.752	0	0	0	0	0
1591	4 M339	1	2.09	0	0	0	0	0
1592		2	2.09	0	0	0	0	0
1593		3	2.09	0	0	0	0	0
1594		4	2.09	0	0	0	0	0
1595		5	2.09	0	0	0	0	0
1596	4 M340	1	1.812	0	0	0	0	0
1597		2	1.812	0	0	0	0	0
1598		3	1.812	0	0	0	0	0
1599		4	1.812	0	0	0	0	0
1600		5	1.812	0	0	0	0	0
1601	4 M341	1	1.346	0	0	0	0	0
1602		2	1.346	0	0	0	0	0
1603		3	1.346	0	0	0	0	0
1604		4	1.346	0	0	0	0	0
1605		5	1.346	0	0	0	0	0
1606	4 M342	1	1.021	0	0	0	0	0
1607		2	1.021	0	0	0	0	0
1608		3	1.021	0	0	0	0	0
1609		4	1.021	0	0	0	0	0
1610		5	1.021	0	0	0	0	0
1611	4 M343	1	.819	0	0	0	0	0
1612		2	.819	0	0	0	0	0
1613		3	.819	0	0	0	0	0
1614		4	.819	0	0	0	0	0
1615		5	.819	0	0	0	0	0
1616	4 M344	1	.715	0	0	0	0	0
1617		2	.715	0	0	0	0	0
1618		3	.715	0	0	0	0	0
1619		4	.715	0	0	0	0	0
1620		5	.715	0	0	0	0	0
1621	4 M345	1	.621	0	0	0	0	0
1622		2	.621	0	0	0	0	0
1623		3	.621	0	0	0	0	0
1624		4	.621	0	0	0	0	0
1625		5	.621	0	0	0	0	0
1626	4 M346	1	.434	0	0	0	0	0
1627		2	.434	0	0	0	0	0
1628		3	.434	0	0	0	0	0
1629		4	.434	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1630		5	.434	0	0	0	0	0
1631	4	M347	1	.227	0	0	0	0
1632		2	.227	0	0	0	0	0
1633		3	.227	0	0	0	0	0
1634		4	.227	0	0	0	0	0
1635		5	.227	0	0	0	0	0
1636	4	M348	1	.794	0	0	0	0
1637		2	.794	0	0	0	0	0
1638		3	.794	0	0	0	0	0
1639		4	.794	0	0	0	0	0
1640		5	.794	0	0	0	0	0
1641	4	M349	1	1.027	0	0	0	0
1642		2	1.027	0	0	0	0	0
1643		3	1.027	0	0	0	0	0
1644		4	1.027	0	0	0	0	0
1645		5	1.027	0	0	0	0	0
1646	4	M350	1	1.077	0	0	0	0
1647		2	1.077	0	0	0	0	0
1648		3	1.077	0	0	0	0	0
1649		4	1.077	0	0	0	0	0
1650		5	1.077	0	0	0	0	0
1651	4	M351	1	.686	0	0	0	0
1652		2	.686	0	0	0	0	0
1653		3	.686	0	0	0	0	0
1654		4	.686	0	0	0	0	0
1655		5	.686	0	0	0	0	0
1656	4	M352	1	.6	0	0	0	0
1657		2	.6	0	0	0	0	0
1658		3	.6	0	0	0	0	0
1659		4	.6	0	0	0	0	0
1660		5	.6	0	0	0	0	0
1661	4	M353	1	.389	0	0	0	0
1662		2	.389	0	0	0	0	0
1663		3	.389	0	0	0	0	0
1664		4	.389	0	0	0	0	0
1665		5	.389	0	0	0	0	0
1666	4	M354	1	.08	0	0	0	0
1667		2	.08	0	0	0	0	0
1668		3	.08	0	0	0	0	0
1669		4	.08	0	0	0	0	0
1670		5	.08	0	0	0	0	0
1671	4	M355	1	.201	0	0	0	0
1672		2	.201	0	0	0	0	0
1673		3	.201	0	0	0	0	0
1674		4	.201	0	0	0	0	0
1675		5	.201	0	0	0	0	0
1676	4	M356	1	.059	0	0	0	0
1677		2	.059	0	0	0	0	0
1678		3	.059	0	0	0	0	0
1679		4	.059	0	0	0	0	0
1680		5	.059	0	0	0	0	0
1681	4	M357	1	-.092	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1682		2	-.092	0	0	0	0	0
1683		3	-.092	0	0	0	0	0
1684		4	-.092	0	0	0	0	0
1685		5	-.092	0	0	0	0	0
1686	4 M358	1	.199	0	0	0	0	0
1687		2	.199	0	0	0	0	0
1688		3	.199	0	0	0	0	0
1689		4	.199	0	0	0	0	0
1690		5	.199	0	0	0	0	0
1691	4 M359	1	1.372	0	0	0	0	0
1692		2	1.372	0	0	0	0	0
1693		3	1.372	0	0	0	0	0
1694		4	1.372	0	0	0	0	0
1695		5	1.372	0	0	0	0	0
1696	4 M360	1	.385	0	0	0	0	0
1697		2	.385	0	0	0	0	0
1698		3	.385	0	0	0	0	0
1699		4	.385	0	0	0	0	0
1700		5	.385	0	0	0	0	0
1701	4 M361	1	1.351	0	0	0	0	0
1702		2	1.351	0	0	0	0	0
1703		3	1.351	0	0	0	0	0
1704		4	1.351	0	0	0	0	0
1705		5	1.351	0	0	0	0	0
1706	4 M362	1	2.601	0	0	0	0	0
1707		2	2.601	0	0	0	0	0
1708		3	2.601	0	0	0	0	0
1709		4	2.601	0	0	0	0	0
1710		5	2.601	0	0	0	0	0
1711	4 M363	1	2.977	0	0	0	0	0
1712		2	2.977	0	0	0	0	0
1713		3	2.977	0	0	0	0	0
1714		4	2.977	0	0	0	0	0
1715		5	2.977	0	0	0	0	0
1716	4 M364	1	1.796	0	0	0	0	0
1717		2	1.796	0	0	0	0	0
1718		3	1.796	0	0	0	0	0
1719		4	1.796	0	0	0	0	0
1720		5	1.796	0	0	0	0	0
1721	4 M365	1	1.147	0	0	0	0	0
1722		2	1.147	0	0	0	0	0
1723		3	1.147	0	0	0	0	0
1724		4	1.147	0	0	0	0	0
1725		5	1.147	0	0	0	0	0
1726	4 M366	1	1.054	0	0	0	0	0
1727		2	1.054	0	0	0	0	0
1728		3	1.054	0	0	0	0	0
1729		4	1.054	0	0	0	0	0
1730		5	1.054	0	0	0	0	0
1731	4 M367	1	1.438	0	0	0	0	0
1732		2	1.438	0	0	0	0	0
1733		3	1.438	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1734		4	1.438	0	0	0	0	0
1735		5	1.438	0	0	0	0	0
1736	4	M368	1	2.228	0	0	0	0
1737		2	2.228	0	0	0	0	0
1738		3	2.228	0	0	0	0	0
1739		4	2.228	0	0	0	0	0
1740		5	2.228	0	0	0	0	0
1741	4	M369	1	3.067	0	0	0	0
1742		2	3.067	0	0	0	0	0
1743		3	3.067	0	0	0	0	0
1744		4	3.067	0	0	0	0	0
1745		5	3.067	0	0	0	0	0
1746	4	M370	1	2.956	0	0	0	0
1747		2	2.956	0	0	0	0	0
1748		3	2.956	0	0	0	0	0
1749		4	2.956	0	0	0	0	0
1750		5	2.956	0	0	0	0	0
1751	4	M371	1	2.581	0	0	0	0
1752		2	2.581	0	0	0	0	0
1753		3	2.581	0	0	0	0	0
1754		4	2.581	0	0	0	0	0
1755		5	2.581	0	0	0	0	0
1756	4	M372	1	.155	0	0	0	0
1757		2	.155	0	0	0	0	0
1758		3	.155	0	0	0	0	0
1759		4	.155	0	0	0	0	0
1760		5	.155	0	0	0	0	0
1761	4	M373	1	.159	0	0	0	0
1762		2	.159	0	0	0	0	0
1763		3	.159	0	0	0	0	0
1764		4	.159	0	0	0	0	0
1765		5	.159	0	0	0	0	0
1766	4	M374	1	1.197	0	0	0	0
1767		2	1.197	0	0	0	0	0
1768		3	1.197	0	0	0	0	0
1769		4	1.197	0	0	0	0	0
1770		5	1.197	0	0	0	0	0
1771	4	M375	1	0	0	0	0	0
1772		2	0	0	0	0	0	0
1773		3	0	0	0	0	0	0
1774		4	0	0	0	0	0	0
1775		5	0	0	0	0	0	0
1776	4	M376	1	.162	0	0	0	0
1777		2	.162	0	0	0	0	0
1778		3	.162	0	0	0	0	0
1779		4	.162	0	0	0	0	0
1780		5	.162	0	0	0	0	0
1781	4	M377	1	.647	0	0	0	0
1782		2	.647	0	0	0	0	0
1783		3	.647	0	0	0	0	0
1784		4	.647	0	0	0	0	0
1785		5	.647	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1786	4	M378	1	0	0	0	0	0
1787			2	0	0	0	0	0
1788			3	0	0	0	0	0
1789			4	0	0	0	0	0
1790			5	0	0	0	0	0
1791	4	M379	1	.152	0	0	0	0
1792			2	.152	0	0	0	0
1793			3	.152	0	0	0	0
1794			4	.152	0	0	0	0
1795			5	.152	0	0	0	0
1796	4	M380	1	.227	0	0	0	0
1797			2	.227	0	0	0	0
1798			3	.227	0	0	0	0
1799			4	.227	0	0	0	0
1800			5	.227	0	0	0	0
1801	4	M381	1	0	0	0	0	0
1802			2	0	0	0	0	0
1803			3	0	0	0	0	0
1804			4	0	0	0	0	0
1805			5	0	0	0	0	0
1806	4	M382	1	.194	0	0	0	0
1807			2	.194	0	0	0	0
1808			3	.194	0	0	0	0
1809			4	.194	0	0	0	0
1810			5	.194	0	0	0	0
1811	4	M383	1	-.203	0	0	0	0
1812			2	-.203	0	0	0	0
1813			3	-.203	0	0	0	0
1814			4	-.203	0	0	0	0
1815			5	-.203	0	0	0	0
1816	4	M384	1	.316	0	0	0	0
1817			2	.316	0	0	0	0
1818			3	.316	0	0	0	0
1819			4	.316	0	0	0	0
1820			5	.316	0	0	0	0
1821	4	M385	1	.477	0	0	0	0
1822			2	.477	0	0	0	0
1823			3	.477	0	0	0	0
1824			4	.477	0	0	0	0
1825			5	.477	0	0	0	0
1826	4	M386	1	.494	0	0	0	0
1827			2	.494	0	0	0	0
1828			3	.494	0	0	0	0
1829			4	.494	0	0	0	0
1830			5	.494	0	0	0	0
1831	4	M387	1	.328	0	0	0	0
1832			2	.328	0	0	0	0
1833			3	.328	0	0	0	0
1834			4	.328	0	0	0	0
1835			5	.328	0	0	0	0
1836	4	M388	1	.581	0	0	0	0
1837			2	.581	0	0	0	0



**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1838		3	.581	0	0	0	0	0
1839		4	.581	0	0	0	0	0
1840		5	.581	0	0	0	0	0
1841	4 M389	1	.45	0	0	0	0	0
1842		2	.45	0	0	0	0	0
1843		3	.45	0	0	0	0	0
1844		4	.45	0	0	0	0	0
1845		5	.45	0	0	0	0	0
1846	4 M390	1	.071	0	0	0	0	0
1847		2	.071	0	0	0	0	0
1848		3	.071	0	0	0	0	0
1849		4	.071	0	0	0	0	0
1850		5	.071	0	0	0	0	0
1851	4 M391	1	.076	0	0	0	0	0
1852		2	.076	0	0	0	0	0
1853		3	.076	0	0	0	0	0
1854		4	.076	0	0	0	0	0
1855		5	.076	0	0	0	0	0
1856	4 M392	1	.079	0	0	0	0	0
1857		2	.079	0	0	0	0	0
1858		3	.079	0	0	0	0	0
1859		4	.079	0	0	0	0	0
1860		5	.079	0	0	0	0	0
1861	4 M393	1	.08	0	0	0	0	0
1862		2	.08	0	0	0	0	0
1863		3	.08	0	0	0	0	0
1864		4	.08	0	0	0	0	0
1865		5	.08	0	0	0	0	0
1866	4 M394	1	.081	0	0	0	0	0
1867		2	.081	0	0	0	0	0
1868		3	.081	0	0	0	0	0
1869		4	.081	0	0	0	0	0
1870		5	.081	0	0	0	0	0
1871	4 M395	1	.082	0	0	0	0	0
1872		2	.082	0	0	0	0	0
1873		3	.082	0	0	0	0	0
1874		4	.082	0	0	0	0	0
1875		5	.082	0	0	0	0	0
1876	4 M396	1	.084	0	0	0	0	0
1877		2	.084	0	0	0	0	0
1878		3	.084	0	0	0	0	0
1879		4	.084	0	0	0	0	0
1880		5	.084	0	0	0	0	0
1881	4 M397	1	.495	0	0	0	0	0
1882		2	.495	0	0	0	0	0
1883		3	.495	0	0	0	0	0
1884		4	.495	0	0	0	0	0
1885		5	.495	0	0	0	0	0
1886	4 M398	1	.215	0	0	0	0	0
1887		2	.215	0	0	0	0	0
1888		3	.215	0	0	0	0	0
1889		4	.215	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1890		5	.215	0	0	0	0	0
1891	4	M399	1	.478	0	0	0	0
1892		2	.478	0	0	0	0	0
1893		3	.478	0	0	0	0	0
1894		4	.478	0	0	0	0	0
1895		5	.478	0	0	0	0	0
1896	4	M400	1	.474	0	0	0	0
1897		2	.474	0	0	0	0	0
1898		3	.474	0	0	0	0	0
1899		4	.474	0	0	0	0	0
1900		5	.474	0	0	0	0	0
1901	4	M401	1	.364	0	0	0	0
1902		2	.364	0	0	0	0	0
1903		3	.364	0	0	0	0	0
1904		4	.364	0	0	0	0	0
1905		5	.364	0	0	0	0	0
1906	4	M402	1	.481	0	0	0	0
1907		2	.481	0	0	0	0	0
1908		3	.481	0	0	0	0	0
1909		4	.481	0	0	0	0	0
1910		5	.481	0	0	0	0	0
1911	4	M403	1	-.072	0	0	0	0
1912		2	-.072	0	0	0	0	0
1913		3	-.072	0	0	0	0	0
1914		4	-.072	0	0	0	0	0
1915		5	-.072	0	0	0	0	0
1916	4	M404	1	7.09	0	0	-.001	0
1917		2	7.09	0	0	-.001	0	0
1918		3	7.09	0	0	-.001	0	0
1919		4	7.09	0	0	-.001	0	0
1920		5	7.09	0	0	-.001	0	0
1921	4	M405	1	.975	0	0	-.001	0
1922		2	.975	0	0	-.001	0	0
1923		3	.975	0	0	-.001	0	0
1924		4	.975	0	0	-.001	0	0
1925		5	.975	0	0	-.001	0	0
1926	4	M406	1	.224	0	0	0	0
1927		2	.224	0	0	0	0	0
1928		3	.224	0	0	0	0	0
1929		4	.224	0	0	0	0	0
1930		5	.224	0	0	0	0	0
1931	4	M407	1	6.556	0	0	0	0
1932		2	6.556	0	0	0	0	0
1933		3	6.556	0	0	0	0	0
1934		4	6.556	0	0	0	0	0
1935		5	6.556	0	0	0	0	0
1936	4	M408	1	1.052	0	0	0	0
1937		2	1.052	0	0	0	0	0
1938		3	1.052	0	0	0	0	0
1939		4	1.052	0	0	0	0	0
1940		5	1.052	0	0	0	0	0
1941	4	M409	1	.234	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1942		2	.234	0	0	0	0	0
1943		3	.234	0	0	0	0	0
1944		4	.234	0	0	0	0	0
1945		5	.234	0	0	0	0	0
1946	4 M410	1	.192	0	0	0	0	0
1947		2	.192	0	0	0	0	0
1948		3	.192	0	0	0	0	0
1949		4	.192	0	0	0	0	0
1950		5	.192	0	0	0	0	0
1951	4 M411	1	.105	0	0	0	0	0
1952		2	.105	0	0	0	0	0
1953		3	.105	0	0	0	0	0
1954		4	.105	0	0	0	0	0
1955		5	.105	0	0	0	0	0
1956	4 M412	1	10.616	0	0	0	0	0
1957		2	10.616	0	0	0	0	0
1958		3	10.616	0	0	0	0	0
1959		4	10.616	0	0	0	0	0
1960		5	10.616	0	0	0	0	0
1961	4 M413	1	.578	0	0	0	0	0
1962		2	.578	0	0	0	0	0
1963		3	.578	0	0	0	0	0
1964		4	.578	0	0	0	0	0
1965		5	.578	0	0	0	0	0
1966	4 M414	1	.698	0	0	0	0	0
1967		2	.698	0	0	0	0	0
1968		3	.698	0	0	0	0	0
1969		4	.698	0	0	0	0	0
1970		5	.698	0	0	0	0	0
1971	4 M415	1	1.004	0	0	0	0	0
1972		2	1.004	0	0	0	0	0
1973		3	1.004	0	0	0	0	0
1974		4	1.004	0	0	0	0	0
1975		5	1.004	0	0	0	0	0
1976	4 M416	1	1.7	0	0	0	0	0
1977		2	1.7	0	0	0	0	0
1978		3	1.7	0	0	0	0	0
1979		4	1.7	0	0	0	0	0
1980		5	1.7	0	0	0	0	0
1981	4 M417	1	1.687	0	0	0	0	0
1982		2	1.687	0	0	0	0	0
1983		3	1.687	0	0	0	0	0
1984		4	1.687	0	0	0	0	0
1985		5	1.687	0	0	0	0	0
1986	4 M418	1	-.268	0	0	0	0	0
1987		2	-.268	0	0	0	0	0
1988		3	-.268	0	0	0	0	0
1989		4	-.268	0	0	0	0	0
1990		5	-.268	0	0	0	0	0
1991	4 M419	1	1.492	0	0	0	0	0
1992		2	1.492	0	0	0	0	0
1993		3	1.492	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
1994		4	1.492	0	0	0	0	0
1995		5	1.492	0	0	0	0	0
1996	4	M420	1	1.887	0	0	0	0
1997		2	1.887	0	0	0	0	0
1998		3	1.887	0	0	0	0	0
1999		4	1.887	0	0	0	0	0
2000		5	1.887	0	0	0	0	0
2001	4	M421	1	2.44	0	0	0	0
2002		2	2.44	0	0	0	0	0
2003		3	2.44	0	0	0	0	0
2004		4	2.44	0	0	0	0	0
2005		5	2.44	0	0	0	0	0
2006	4	M422	1	0	0	0	0	0
2007		2	0	0	0	0	0	0
2008		3	0	0	0	0	0	0
2009		4	0	0	0	0	0	0
2010		5	0	0	0	0	0	0
2011	4	M423	1	8.21	0	0	0	0
2012		2	8.21	0	0	0	0	0
2013		3	8.21	0	0	0	0	0
2014		4	8.21	0	0	0	0	0
2015		5	8.21	0	0	0	0	0
2016	4	M424	1	1.505	0	0	0	0
2017		2	1.505	0	0	0	0	0
2018		3	1.505	0	0	0	0	0
2019		4	1.505	0	0	0	0	0
2020		5	1.505	0	0	0	0	0
2021	4	M425	1	.426	0	0	0	0
2022		2	.426	0	0	0	0	0
2023		3	.426	0	0	0	0	0
2024		4	.426	0	0	0	0	0
2025		5	.426	0	0	0	0	0
2026	4	M426	1	.668	0	0	0	0
2027		2	.668	0	0	0	0	0
2028		3	.668	0	0	0	0	0
2029		4	.668	0	0	0	0	0
2030		5	.668	0	0	0	0	0
2031	4	M427	1	0	.326	0	0	0
2032		2	0	-.124	0	0	0	-.066
2033		3	0	.152	0	0	0	-.144
2034		4	0	-.127	0	0	0	-.136
2035		5	0	-.151	0	0	0	0
2036	4	M428	1	0	.381	0	0	0
2037		2	0	.085	0	0	0	-.072
2038		3	0	.077	0	0	0	-.112
2039		4	0	-.248	0	0	0	-.125
2040		5	0	-.253	0	0	0	0
2041	4	M429	1	0	-.104	0	0	0
2042		2	0	-.104	0	0	0	.089
2043		3	0	.65	0	0	0	-.112
2044		4	0	-.317	0	0	0	.034
2045		5	0	.074	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2046	4	M430	1	0	.331	-.06	0	0
2047			2	0	.309	-.06	0	-.32
2048			3	0	-.005	-.049	0	-.112
2049			4	0	-.31	.109	0	-.109
2050			5	0	-.322	.109	0	0
2051	4	M431	1	0	-.139	0	0	0
2052			2	0	-.024	0	0	.055
2053			3	0	.033	0	0	-.076
2054			4	0	-.584	.009	0	.011
2055			5	0	.114	-.009	0	0
2056	4	M432	1	0	.443	0	0	0
2057			2	0	.223	0	0	-.331
2058			3	0	.006	0	0	-.447
2059			4	0	-.233	0	0	-.332
2060			5	0	-.411	0	0	0
2061	4	M433	1	0	.195	-.01	0	0
2062			2	0	.019	.002	0	-.251
2063			3	0	.145	0	0	.008
2064			4	0	.179	0	0	.115
2065			5	0	-.313	0	0	0
2066	4	M434	1	0	.137	-.01	0	0
2067			2	0	.129	-.01	0	-.067
2068			3	0	.122	-.01	0	-.129
2069			4	0	-.177	.014	0	-.007
2070			5	0	-.188	.014	0	0
2071	4	M435	1	.002	.524	-.001	-.005	0
2072			2	.002	.519	-.001	-.005	0
2073			3	.002	-.024	-.001	-.005	-.001
2074			4	.002	-.034	-.001	-.005	-.002
2075			5	.002	-.614	.02	-.005	0
2076	4	M436	1	.002	.09	.02	-.005	0
2077			2	.002	.084	.02	-.005	.007
2078			3	.002	.073	.02	-.005	.015
2079			4	.002	.064	.02	-.005	.022
2080			5	.026	-.326	.005	0	0
2081	4	M437	1	.09	-.644	-.002	0	0
2082			2	.091	-1.223	.005	0	-.002
2083			3	.091	.938	.005	0	.003
2084			4	.057	.868	.005	0	.007
2085			5	.058	.297	-.02	0	0
2086	4	M438	1	0	0	0	0	0
2087			2	0	.157	0	0	0
2088			3	0	.002	0	0	0
2089			4	0	-.153	0	0	0
2090			5	0	0	0	0	0
2091	4	M440	1	0	10.888	0	0	0
2092			2	-.033	4.199	-.004	-.008	.034
2093			3	-.01	-3.29	0	-.008	.011
2094			4	-.01	-4.061	0	-.008	.005
2095			5	-.01	-4.859	0	-.008	0
2096	4	M441	1	0	1.424	0	0	0
2097			2	-.003	1.12	-.005	.448	.023

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2098		3	-.003	.68	-.005	.448	0	-9.578
2099		4	-.003	.243	-.005	.448	-.023	-11.415
2100		5	0	-4.534	.005	1.029	0	0
2101	4	M442	1	0	.083	0	0	0
2102		2	-.002	-.005	0	.005	0	-.011
2103		3	-.004	.025	0	.012	0	.048
2104		4	0	.628	0	-.049	0	-.279
2105		5	0	.812	0	.346	0	0
2106	4	M443	1	0	.675	.002	-.128	0
2107		2	0	.333	.002	-.128	.01	-2.548
2108		3	0	-.042	.002	-.128	.02	-3.257
2109		4	0	-.444	.002	-.128	.029	-2.06
2110		5	0	0	0	0	0	0
2111	4	M444	1	.023	.4	-.021	.072	0
2112		2	.023	.383	-.021	.072	-.01	-.194
2113		3	.016	-.424	-.035	.054	.035	-.441
2114		4	.016	-.44	-.035	.054	.018	-.225
2115		5	.016	-.462	-.035	.054	0	0
2116	4	M445	1	0	6.059	.005	0	0
2117		2	0	2.44	-.004	-.718	-.011	-12.697
2118		3	0	.482	-.009	-1.188	-.02	-16.911
2119		4	-.002	-3.258	-.03	-5.099	-.034	-12.47
2120		5	-.002	-4.935	.049	-8.338	0	0
2121	4	M446	1	0	.333	0	0	0
2122		2	0	.166	0	0	0	-.913
2123		3	0	0	0	0	0	-1.221
2124		4	0	-.171	0	0	0	-.907
2125		5	0	-.325	0	0	0	0
2126	4	M447	1	.002	2.106	0	-.016	0
2127		2	.002	1.704	0	-.016	-.004	-12.243
2128		3	.002	1.314	0	-.016	-.008	-21.866
2129		4	.002	-2.865	.004	-.016	-.002	-21.626
2130		5	-.002	-3.831	.003	.372	0	0
2131	4	M448	1	0	1.893	0	.02	0
2132		2	0	1.208	0	-.009	0	-4.928
2133		3	0	.005	0	.166	0	-6.392
2134		4	0	-1.244	0	-.034	-.001	-4.861
2135		5	0	-1.814	0	-.034	0	0
2136	4	M449	1	0	-1.055	-.002	0	0
2137		2	0	-2.466	-.002	-.151	-.001	4.604
2138		3	0	-4.529	-.002	.749	-.003	14.803
2139		4	0	7.137	-.001	1.275	0	16.919
2140		5	0	6.498	0	-.04	0	0
2141	4	M450	1	0	0	0	0	0
2142		2	0	1.597	0	.624	0	-1.81
2143		3	0	.7	0	-.041	0	-7.868
2144		4	0	-.874	0	.007	0	-9.155
2145		5	0	-2.127	0	.057	0	0
2146	4	M451	1	0	.372	0	.073	0
2147		2	0	.185	0	.073	0	-.842
2148		3	0	-.049	0	.073	0	-1.059
2149		4	0	-.292	0	.073	-.001	-.552

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2150		5	0	0	0	0	0	0
2151	4	M452	1	.002	.454	0	.178	0
2152		2	.002	.231	0	.178	0	-1.211
2153		3	.002	-.031	0	.178	0	-1.559
2154		4	.002	-.362	0	.178	0	-.914
2155		5	0	0	0	0	0	0
2156	4	M453	1	0	.283	0	-.07	0
2157		2	0	.14	0	-.07	0	-.549
2158		3	0	-.05	0	-.07	0	-.664
2159		4	0	-.239	0	-.07	0	-.302
2160		5	0	0	0	0	0	0
2161	4	M454	1	0	.214	0	-.234	0
2162		2	0	.106	0	-.234	0	-.335
2163		3	0	-.054	0	-.234	0	-.392
2164		4	0	-.207	0	-.234	0	-.126
2165		5	0	0	0	0	0	0
2166	4	M455	1	0	.129	0	-.479	0
2167		2	0	.048	0	-.479	0	-.142
2168		3	0	-.057	0	-.479	0	-.135
2169		4	0	-.142	0	-.479	0	.021
2170		5	0	0	0	0	0	0
2171	4	M456	1	0	.05	0	-.938	0
2172		2	0	.005	0	-.938	0	-.032
2173		3	0	-.06	0	-.938	0	-.004
2174		4	0	.066	0	0	0	.04
2175		5	0	0	0	0	0	0
2176	4	M457	1	0	-.348	0	-2.548	0
2177		2	0	-.36	0	-2.548	0	.209
2178		3	0	.068	0	0	0	.053
2179		4	0	.049	0	0	0	.017
2180		5	0	0	0	0	0	0
2181	4	M458	1	.001	.393	0	-.023	0
2182		2	.001	.22	0	-.023	0	-.986
2183		3	.001	-.043	0	-.023	0	-1.263
2184		4	.001	-.286	0	-.023	0	-.74
2185		5	0	0	0	0	0	0
2186	4	M459	1	0	.29	0	.087	0
2187		2	0	.143	0	.087	0	-.575
2188		3	0	-.061	0	.087	0	-.689
2189		4	0	-.266	0	.087	0	-.26
2190		5	0	0	0	0	0	0
2191	4	M460	1	0	.181	0	.23	0
2192		2	0	.076	0	.23	0	-.276
2193		3	0	-.077	0	.23	0	-.28
2194		4	0	-.228	0	.23	0	.038
2195		5	0	0	0	0	0	0
2196	4	M461	1	0	.077	0	.43	0
2197		2	0	.008	0	.43	0	-.072
2198		3	0	-.093	0	.43	0	-.008
2199		4	0	-.179	0	.43	0	.203
2200		5	0	0	0	0	0	0
2201	4	M462	1	0	-.049	0	.798	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2202		2	0	-.088	0	.798	0	.067
2203		3	0	-.139	0	.798	0	.182
2204		4	0	.063	0	0	0	.038
2205		5	0	0	0	0	0	0
2206	4 M463	1	0	-.491	0	2.548	0	0
2207		2	0	-.5	0	2.548	0	.243
2208		3	0	.05	0	0	0	.03
2209		4	0	.034	0	0	0	.009
2210		5	0	0	0	0	0	0
2211	4 M464	1	0	.572	0	-.101	0	0
2212		2	0	.324	0	-.101	0	-1.68
2213		3	0	-.013	0	-.101	0	-2.242
2214		4	0	-.326	0	-.101	0	-1.617
2215		5	0	0	0	0	0	0
2216	4 M465	1	0	5.608	0	-.003	0	0
2217		2	0	2.25	0	-.003	-.004	-50.143
2218		3	0	-1.296	0	-.003	-.007	-56.708
2219		4	0	-1.257	0	-.003	-.002	-33.576
2220		5	0	0	0	0	0	0
2221	4 M466	1	0	5.354	0	0	0	0
2222		2	0	-.452	0	0	0	-8.234
2223		3	0	-.714	0	0	0	-6.341
2224		4	0	-.978	0	0	0	-3.593
2225		5	0	-1.227	0	0	0	0
2226	4 M467	1	0	-.297	0	.167	0	0
2227		2	0	.594	0	.072	0	-.73
2228		3	0	-.106	0	-.009	0	-1.721
2229		4	0	-.709	0	0	0	-1.432
2230		5	0	-.785	0	0	0	0
2231	4 M468	1	0	-.302	0	-.142	0	0
2232		2	0	.615	0	-.05	0	-.724
2233		3	0	-.055	0	.03	0	-1.736
2234		4	0	-.72	0	0	0	-1.473
2235		5	0	-.788	0	0	0	0
2236	4 M469	1	0	0	0	0	0	0
2237		2	0	.355	0	-.005	0	-.785
2238		3	0	-.004	0	-.005	0	-1.551
2239		4	0	-.349	0	-.005	0	-.792
2240		5	0	0	0	0	0	0
2241	4 M470	1	0	0	0	0	0	0
2242		2	0	.322	0	-.006	0	-.692
2243		3	0	.002	0	-.006	0	-1.369
2244		4	0	-.321	0	-.006	0	-.715
2245		5	0	0	0	0	0	0
2246	4 M471	1	0	0	0	0	0	0
2247		2	0	.307	0	-.005	0	-.782
2248		3	0	-.002	0	-.005	0	-1.447
2249		4	0	-.309	0	-.005	0	-.77
2250		5	0	0	0	0	0	0
2251	4 M472	1	-.001	2.656	-.004	-.19	0	0
2252		2	-.001	1.752	-.002	-.264	-.001	-4.219
2253		3	0	-.2	-.002	0	.002	-5.616



**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2254		4	0	-1.562	0	0	0	-3.591
2255		5	0	-1.629	0	0	0	0
2256	4	M473	1	0	0	0	0	0
2257		2	0	.617	0	-.033	-.002	-3.762
2258		3	0	.022	0	-.033	0	-5.966
2259		4	0	-.601	0	-.033	.002	-4.005
2260		5	0	0	0	0	0	0
2261	4	M474	1	0	0	0	0	0
2262		2	0	.45	0	.018	-.002	-3.677
2263		3	0	-.017	0	.018	0	-5.162
2264		4	0	-.432	0	.018	.002	-3.626
2265		5	0	0	0	0	0	0
2266	4	M475	1	0	0	0	0	0
2267		2	-.002	.5	0	-.105	-.002	-3.33
2268		3	-.002	-.002	0	-.105	0	-5.067
2269		4	-.002	-.448	0	-.105	.002	-3.511
2270		5	0	0	0	0	0	0
2271	4	M476	1	0	0	0	0	0
2272		2	.007	.977	0	.205	-.005	-12.87
2273		3	.007	.04	0	.205	0	-18.709
2274		4	.007	-.884	0	.205	.005	-13.869
2275		5	0	0	0	0	0	0
2276	4	M477	1	-.016	1.623	.206	0	0
2277		2	-.016	.873	0	.206	.002	-13.993
2278		3	-.016	-.015	0	.206	.003	-18.866
2279		4	-.016	-.866	0	.206	.005	-13.996
2280		5	0	0	0	0	0	0
2281	4	M478	1	0	0	0	0	0
2282		2	0	1.009	0	-.021	.006	-14.568
2283		3	0	.011	0	-.021	0	-20.768
2284		4	0	-1.007	0	-.021	-.008	-14.494
2285		5	0	0	0	0	0	0
2286	4	M479	1	0	0	0	0	0
2287		2	.009	1.391	0	.766	-.008	-8.705
2288		3	.009	.285	0	.766	0	-19.012
2289		4	.009	-.867	0	.766	.006	-15.694
2290		5	0	0	0	0	0	0
2291	4	M480	1	0	0	0	0	0
2292		2	-.005	.967	0	.176	-.005	-12.66
2293		3	-.005	.033	0	.176	0	-18.517
2294		4	-.005	-.871	0	.176	.004	-13.613
2295		5	0	0	0	0	0	0
2296	4	M481	1	0	0	0	0	0
2297		2	.006	.991	0	.076	-.004	-12.113
2298		3	.006	.061	0	.076	0	-18.122
2299		4	.006	-.87	0	.076	.005	-13.463
2300		5	0	0	0	0	0	0
2301	4	M482	1	0	0	0	0	0
2302		2	-.027	.993	0	.024	-.003	-10.764
2303		3	-.027	.05	0	.024	0	-16.825
2304		4	-.027	-.828	0	.024	.002	-12.389
2305		5	0	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2306	4	M483	1	0	0	0	0	0
2307			2	.079	.814	0	-.01	0
2308			3	.079	.119	0	-.01	0
2309			4	.079	-.577	0	-.01	0
2310			5	.079	-1.186	0	-.01	0
2311	4	M484	1	0	1.426	0	.009	0
2312			2	0	1.346	0	.009	.003
2313			3	0	1.261	0	.009	.006
2314			4	0	-.619	-.002	.009	.004
2315			5	.009	-3.685	0	.009	0
2316	4	M485	1	-.003	1.798	0	.009	0
2317			2	-.003	.816	0	.009	0
2318			3	-.003	-.467	-.002	.009	-.008
2319			4	-.004	.539	-.002	.009	.022
2320			5	0	0	0	0	0
2321	4	M486	1	0	.336	0	.155	0
2322			2	0	.19	0	.155	0
2323			3	0	.002	0	.155	0
2324			4	0	-.196	0	.155	0
2325			5	0	-.327	0	.155	0
2326	4	M487	1	.001	.346	0	.168	0
2327			2	.001	.2	0	.168	0
2328			3	.001	-.007	0	.168	0
2329			4	.001	-.202	0	.168	0
2330			5	.001	-.336	0	.168	0
2331	4	M488	1	.001	.299	0	.18	0
2332			2	.001	.168	0	.18	0
2333			3	.001	.019	0	.18	0
2334			4	.001	-.173	0	.18	0
2335			5	.001	-.314	0	.18	0
2336	4	M489	1	0	.144	0	-.027	0
2337			2	0	.067	0	-.027	0
2338			3	0	-.065	0	-.027	-.001
2339			4	0	-.165	0	-.027	-.002
2340			5	0	0	0	0	0
2341	4	M490	1	0	.153	0	-.033	0
2342			2	0	.072	0	-.033	0
2343			3	0	-.069	0	-.033	-.001
2344			4	0	-.165	0	-.033	-.002
2345			5	0	0	0	0	0
2346	4	M491	1	.002	1.491	0	0	0
2347			2	0	.733	0	0	-.003
2348			3	0	.038	0	0	-.002
2349			4	0	-.674	0	0	0
2350			5	-.002	-1.325	0	0	0
2351	4	M492	1	-.001	2.557	0	.007	0
2352			2	-.001	1.007	0	.007	-.005
2353			3	-.001	-.153	0	.007	-.007
2354			4	-.001	-1.359	0	.007	-.01
2355			5	-.001	-2.349	.008	.007	0
2356	4	M493	1	0	0	0	0	0
2357			2	0	.284	0	-.136	-.002

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2358		3	0	-.039	0	-.136	-.001	-3.155
2359		4	0	-.346	0	-.136	0	-2.253
2360		5	0	-.617	0	-.136	0	0
2361	4 M494	1	0	0	0	0	0	0
2362		2	-.002	.236	0	0	.001	.275
2363		3	-.002	.123	0	0	0	-.056
2364		4	-.002	-.024	0	0	0	-.143
2365		5	-.002	-.123	0	0	0	0
2366	4 M495	1	0	.443	0	-.07	0	0
2367		2	0	.251	0	-.07	0	-1.069
2368		3	0	-.002	0	-.07	0	-1.456
2369		4	0	-.247	0	-.07	0	-1.084
2370		5	0	-.449	0	-.07	0	0
2371	4 M496	1	.01	3.696	-.053	0	0	0
2372		2	.01	3.494	-.053	0	-.244	-16.629
2373		3	-.001	.001	.032	0	-.235	-25.312
2374		4	-.001	-2.4	.028	0	-.103	-19.063
2375		5	-.001	-4.92	.017	0	0	0
2376	4 M497	1	.01	2.385	-.008	.222	0	0
2377		2	.01	2.352	-.008	.222	-.004	-1.184
2378		3	.01	-1.39	.001	.222	-.001	-1.416
2379		4	.01	-1.415	.001	.222	0	-.715
2380		5	.01	-1.446	.001	.222	0	0
2381	4 M498	1	-.099	2.215	-.011	-.027	0	0
2382		2	-.077	1.126	.003	-.027	0	-12.562
2383		3	-.042	-.102	-.01	-.027	-.001	-16.667
2384		4	-.006	-1.356	-.027	-.027	-.014	-12.647
2385		5	.013	-2.276	.083	-.027	0	0
2386	4 M499	1	.025	5.679	.039	.022	0	0
2387		2	.025	3.031	.028	.022	.141	-18.554
2388		3	.025	-.551	.01	.022	.255	-23.216
2389		4	.107	-3.108	-.003	.022	.259	-12.665
2390		5	0	0	0	0	0	0
2391	4 M500	1	0	0	0	0	0	0
2392		2	.001	.418	-.006	-.053	.004	-2.765
2393		3	.001	-.057	-.006	-.053	-.03	-3.814
2394		4	.001	-.545	-.006	-.053	-.063	-2.071
2395		5	0	0	0	0	0	0
2396	4 M501	1	.006	2.447	-.008	.038	0	0
2397		2	0	1.495	-.009	1.223	-.099	-1.613
2398		3	0	1.459	-.009	1.223	-.108	-3.089
2399		4	-.003	-1.966	-.117	-.631	.04	-1.726
2400		5	.005	-2.339	-.007	-.05	0	0
2401	4 M502	1	.001	.217	.007	.129	0	0
2402		2	.001	.11	.007	.129	.014	-.346
2403		3	.001	-.066	.007	.129	.029	-.386
2404		4	.001	-.202	.007	.129	.043	-.116
2405		5	0	0	0	0	0	0
2406	4 M503	1	0	1.095	0	-.2	0	0
2407		2	0	.589	0	-.2	0	-6.243
2408		3	0	.009	0	-.2	0	-8.399
2409		4	0	-.582	0	-.2	0	-6.397

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2410		5	0	-1.076	0	-.2	0	0
2411	4	M504	1	0	0	0	0	0
2412		2	0	.307	0	-.111	0	-.807
2413		3	0	.05	0	-.111	0	-1.404
2414		4	0	-.219	0	-.111	0	-1.117
2415		5	0	-.452	0	-.111	0	0
2416	4	M505	1	0	0	0	0	0
2417		2	0	.333	0	-.164	0	-.524
2418		3	0	.079	0	-.164	0	-1.233
2419		4	0	-.202	0	-.164	0	-1.013
2420		5	0	-.38	0	-.164	0	0
2421	4	M506	1	0	0	0	0	0
2422		2	0	.313	0	-.048	0	-.862
2423		3	0	.048	0	-.048	0	-1.475
2424		4	0	-.232	0	-.048	0	-1.167
2425		5	0	-.455	0	-.048	0	0
2426	4	M507	1	0	0	0	0	0
2427		2	.003	.176	-.001	-.04	.006	-.022
2428		3	.003	.063	-.001	-.04	.004	-.242
2429		4	.003	-.07	-.001	-.04	.002	-.235
2430		5	.003	-.186	-.001	-.04	0	0
2431	4	M508	1	0	0	0	0	0
2432		2	-.003	.166	-.001	0	.006	-.042
2433		3	-.003	.061	-.001	0	.004	-.249
2434		4	-.003	-.073	-.001	0	.002	-.241
2435		5	-.003	-.184	-.001	0	0	0
2436	4	M509	1	0	.329	0	.14	0
2437		2	0	.184	0	.14	0	-.659
2438		3	0	0	0	.14	0	-.884
2439		4	0	-.193	0	.14	0	-.647
2440		5	0	-.328	0	.14	0	0
2441	4	M510	1	0	.214	0	0	0
2442		2	0	.116	0	0	0	-.251
2443		3	0	-.008	0	0	0	-.329
2444		4	0	-.118	0	0	0	-.238
2445		5	0	-.212	0	0	0	0
2446	4	M511	1	0	.352	0	.123	0
2447		2	0	.202	0	.123	0	-.704
2448		3	0	.003	0	.123	0	-.953
2449		4	0	-.208	0	.123	0	-.701
2450		5	0	-.358	0	.123	0	0
2451	4	M512	1	.003	.202	0	.021	0
2452		2	.003	.126	0	.021	0	-.252
2453		3	.003	-.01	0	.021	0	-.335
2454		4	.003	-.112	0	.021	0	-.247
2455		5	.003	-.221	0	.021	0	0
2456	4	M513	1	-.005	.304	0	.103	0
2457		2	-.005	.17	0	.103	0	-.59
2458		3	-.005	.002	0	.103	0	-.798
2459		4	-.005	-.17	0	.103	0	-.594
2460		5	-.005	-.318	0	.103	0	0
2461	4	M514	1	-.006	.176	0	.035	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2462		2	-.006	.108	0	.035	0	-.215
2463		3	-.006	0	0	.035	0	-.297
2464		4	-.006	-.106	0	.035	0	-.218
2465		5	-.006	-.18	0	.035	0	0
2466	4 M515	1	-.004	.212	0	.08	0	0
2467		2	-.004	.118	0	.08	0	-.413
2468		3	-.004	-.001	0	.08	0	-.554
2469		4	-.004	-.119	0	.08	0	-.409
2470		5	-.004	-.213	0	.08	0	0
2471	4 M516	1	-.004	.117	0	.058	0	0
2472		2	-.004	.072	0	.058	0	-.144
2473		3	-.004	.001	0	.058	0	-.198
2474		4	-.004	-.07	0	.058	0	-.147
2475		5	-.004	-.123	0	.058	0	0
2476	4 M517	1	0	3.448	.004	.195	0	0
2477		2	0	1.588	0	.007	.013	-5.428
2478		3	0	-.216	.006	.256	.026	-7.137
2479		4	0	-1.975	-.01	1.407	.034	-5.268
2480		5	0	-3.896	-.009	-.145	0	0
2481	4 M518	1	0	.253	.007	.12	0	0
2482		2	0	.086	.007	.12	.015	-.317
2483		3	0	-.052	.007	.12	.029	-.352
2484		4	0	-.19	.007	.12	.044	-.109
2485		5	0	0	0	0	0	0
2486	4 M519	1	.002	.229	.008	.098	0	0
2487		2	.002	.104	.008	.098	.015	-.336
2488		3	.002	-.063	.008	.098	.03	-.377
2489		4	.002	-.197	.008	.098	.045	-.111
2490		5	0	0	0	0	0	0
2491	4 M520	1	-.015	.181	.007	.072	0	0
2492		2	-.015	.094	.007	.072	.013	-.284
2493		3	-.015	-.045	.007	.072	.027	-.332
2494		4	-.015	-.168	.007	.072	.04	-.118
2495		5	0	0	0	0	0	0
2496	4 M521	1	-.008	.173	.008	.131	0	0
2497		2	-.008	.103	.008	.131	.016	-.3
2498		3	-.008	-.057	.008	.131	.031	-.351
2499		4	-.008	-.195	.008	.131	.047	-.091
2500		5	0	0	0	0	0	0
2501	4 M522	1	.015	.162	.011	.197	0	0
2502		2	.015	.094	.011	.197	.022	-.279
2503		3	.015	-.065	.011	.197	.043	-.314
2504		4	.015	-.204	.011	.197	.065	-.037
2505		5	0	0	0	0	0	0
2506	4 M523	1	.004	.202	.008	.205	0	0
2507		2	.004	.107	.008	.205	.016	-.325
2508		3	.004	-.054	.008	.205	.031	-.38
2509		4	.004	-.193	.008	.205	.047	-.127
2510		5	0	0	0	0	0	0
2511	4 M524	1	-.006	.225	.008	.212	0	0
2512		2	-.006	.1	.008	.212	.015	-.325
2513		3	-.006	-.058	.008	.212	.031	-.368

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2514		4	-.006	-.196	.008	.212	.046	-.108
2515		5	0	0	0	0	0	0
2516	4	M525	1	.006	.155	.005	.22	0
2517		2	.006	.039	.005	.22	.01	-.195
2518		3	.006	-.102	.005	.22	.02	-.135
2519		4	.006	-.231	.005	.22	.03	.198
2520		5	0	0	0	0	0	0
2521	4	M526	1	-.028	.203	.012	.226	0
2522		2	-.028	.085	.012	.226	.023	-.292
2523		3	-.028	-.069	.012	.226	.047	-.311
2524		4	-.028	-.212	.012	.226	.07	-.027
2525		5	0	0	0	0	0	0
2526	4	M527	1	.045	.259	.011	.231	0
2527		2	.045	.152	.011	.231	.021	-.414
2528		3	.045	.011	.011	.231	.043	-.578
2529		4	.045	-.119	.011	.231	.064	-.464
2530		5	0	0	0	0	0	0
2531	4	M528	1	-.017	.225	.006	.296	0
2532		2	-.017	.1	.006	.296	.011	-.339
2533		3	-.017	-.063	.006	.296	.023	-.366
2534		4	-.017	-.195	.006	.296	.034	-.104
2535		5	0	0	0	0	0	0
2536	4	M529	1	.018	.234	.006	.315	0
2537		2	.018	.119	.006	.315	.011	-.366
2538		3	.018	-.074	.006	.315	.022	-.392
2539		4	.018	-.217	.006	.315	.033	-.102
2540		5	0	0	0	0	0	0
2541	4	M530	1	-.11	.136	.008	.328	0
2542		2	-.11	.004	.008	.328	.016	-.139
2543		3	-.11	-.152	.008	.328	.032	.011
2544		4	-.11	-.267	.008	.328	.047	.426
2545		5	0	0	0	0	0	0
2546	4	M531	1	.004	1.12	0	-.201	0
2547		2	.004	.608	0	-.201	0	-6.464
2548		3	.004	.016	0	-.201	0	-8.695
2549		4	.004	-.603	0	-.201	0	-6.509
2550		5	.004	-1.097	0	-.201	0	0
2551	4	M532	1	.014	1.103	0	-.201	0
2552		2	.014	.553	0	-.201	0	-6.05
2553		3	.014	.002	0	-.201	0	-8.15
2554		4	.014	-.553	0	-.201	0	-6.101
2555		5	.014	-1.037	0	-.201	0	0
2556	4	M533	1	.002	1.146	0	-.199	0
2557		2	.002	.61	0	-.199	0	-6.635
2558		3	.002	.009	0	-.199	0	-8.923
2559		4	.002	-.627	0	-.199	0	-6.669
2560		5	.002	-1.147	0	-.199	0	0
2561	4	M534	1	.009	1.18	0	-.198	0
2562		2	.009	.63	0	-.198	0	-6.802
2563		3	.009	.008	0	-.198	0	-9.115
2564		4	.009	-.627	0	-.198	0	-6.833
2565		5	.009	-1.209	0	-.198	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2566	4	M535	1	0	.715	.002	-.092	0
2567			2	0	.355	.002	-.092	.01
2568			3	0	-.058	.002	-.092	.02
2569			4	0	-.467	.002	-.092	.03
2570			5	0	0	0	0	0
2571	4	M536	1	0	.735	.002	-.053	0
2572			2	0	.348	.002	-.053	.01
2573			3	0	-.062	.002	-.053	.02
2574			4	0	-.477	.002	-.053	.031
2575			5	0	0	0	0	0
2576	4	M537	1	-.002	.478	.002	-.011	0
2577			2	-.002	.219	.002	-.011	.01
2578			3	-.002	-.032	.002	-.011	.021
2579			4	-.002	-.302	.002	-.011	.031
2580			5	0	0	0	0	0
2581	4	M538	1	0	.699	.002	-.159	0
2582			2	0	.344	.002	-.159	.009
2583			3	0	-.045	.002	-.159	.019
2584			4	0	-.463	.002	-.159	.028
2585			5	0	0	0	0	0
2586	4	M539	1	0	.721	.002	-.183	0
2587			2	0	.357	.002	-.183	.009
2588			3	0	-.063	.002	-.183	.018
2589			4	0	-.464	.002	-.183	.027
2590			5	0	0	0	0	0
2591	4	M540	1	-.007	.674	.002	-.2	0
2592			2	-.007	.334	.002	-.2	.008
2593			3	-.007	-.034	.002	-.2	.017
2594			4	-.007	-.447	.002	-.2	.025
2595			5	0	0	0	0	0
2596	4	M541	1	.024	.705	.002	-.211	0
2597			2	.024	.342	.002	-.211	.01
2598			3	.024	-.051	.002	-.211	.02
2599			4	.024	-.464	.002	-.211	.03
2600			5	0	0	0	0	0
2601	4	M542	1	0	0	0	0	0
2602			2	-.014	.459	.007	-.226	-.039
2603			3	-.014	.013	.007	-.226	-.003
2604			4	-.014	-.448	.007	-.226	.032
2605			5	0	0	0	0	0
2606	4	M543	1	0	.159	0	-.045	0
2607			2	0	.058	0	-.045	0
2608			3	0	-.066	0	-.045	-.001
2609			4	0	-.158	0	-.045	-.002
2610			5	0	0	0	0	0
2611	4	M544	1	0	.151	0	-.063	0
2612			2	0	.056	0	-.063	0
2613			3	0	-.058	0	-.063	0
2614			4	0	-.155	0	-.063	0
2615			5	0	0	0	0	0
2616	4	M545	1	0	.128	0	-.077	0
2617			2	0	.05	0	-.077	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2618		3	0	-.055	0	-.077	0	-.138
2619		4	0	-.146	0	-.077	0	.015
2620		5	0	0	0	0	0	0
2621	4 M546	1	0	.133	0	-.087	0	0
2622		2	0	.052	0	-.087	0	-.144
2623		3	0	-.056	0	-.087	0	-.142
2624		4	0	-.149	0	-.087	0	.015
2625		5	0	0	0	0	0	0
2626	4 M547	1	0	.147	0	-.096	0	0
2627		2	0	.051	0	-.096	0	-.149
2628		3	0	-.056	0	-.096	-.002	-.147
2629		4	0	-.151	0	-.096	-.003	.012
2630		5	0	0	0	0	0	0
2631	4 M548	1	-.003	.149	0	-.107	0	0
2632		2	-.003	.054	0	-.107	0	-.153
2633		3	-.003	-.051	0	-.107	0	-.156
2634		4	-.003	-.142	0	-.107	0	-.008
2635		5	0	0	0	0	0	0
2636	4 M549	1	.002	.188	0	-.115	0	0
2637		2	.002	.106	0	-.115	0	-.226
2638		3	.002	-.049	0	-.115	0	-.274
2639		4	.002	-.163	0	-.115	-.001	-.105
2640		5	0	0	0	0	0	0
2641	4 M550	1	0	.145	0	-.022	0	0
2642		2	0	.073	0	-.022	0	-.173
2643		3	0	-.058	0	-.022	-.001	-.191
2644		4	0	-.176	0	-.022	-.002	.003
2645		5	0	0	0	0	0	0
2646	4 M551	1	0	.15	0	-.021	0	0
2647		2	0	.055	0	-.021	0	-.156
2648		3	0	-.05	0	-.021	-.001	-.159
2649		4	0	-.17	0	-.021	-.002	.006
2650		5	0	0	0	0	0	0
2651	4 M552	1	0	.123	0	-.024	0	0
2652		2	0	.056	0	-.024	0	-.142
2653		3	0	-.052	0	-.024	-.001	-.146
2654		4	0	-.132	0	-.024	-.002	-.003
2655		5	0	0	0	0	0	0
2656	4 M553	1	.002	.44	0	-.098	0	0
2657		2	.002	.243	0	-.098	0	-1.06
2658		3	.002	.003	0	-.098	0	-1.422
2659		4	.002	-.237	0	-.098	0	-1.038
2660		5	.002	-.439	0	-.098	0	0
2661	4 M554	1	-.002	.441	0	-.127	0	0
2662		2	-.002	.242	0	-.127	0	-1.062
2663		3	-.002	.013	0	-.127	0	-1.442
2664		4	-.002	-.233	0	-.127	0	-1.119
2665		5	-.002	-.49	0	-.127	0	0
2666	4 M555	1	0	0	0	0	0	0
2667		2	0	.307	0	.009	0	-.825
2668		3	0	.05	0	.009	0	-1.42
2669		4	0	-.224	0	.009	0	-1.135



**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2670		5	0	-.435	0	.009	0	0
2671	4	M556	1	0	.446	0	-.192	0
2672		2	0	.238	0	-.192	0	-1.074
2673		3	0	-.004	0	-.192	0	-1.425
2674		4	0	-.253	0	-.192	0	-1.032
2675		5	0	-.428	0	-.192	0	0
2676	4	M557	1	0	0	0	0	0
2677		2	0	.311	0	.046	0	-.686
2678		3	0	.056	0	.046	0	-1.302
2679		4	0	-.201	0	.046	0	-1.06
2680		5	0	-.429	0	.046	0	0
2681	4	M558	1	0	.457	0	-.044	0
2682		2	0	.226	0	-.044	0	-1.054
2683		3	0	-.016	0	-.044	0	-1.363
2684		4	0	-.231	0	-.044	0	-1.007
2685		5	0	-.41	0	-.044	0	0
2686	4	M559	1	0	.458	0	-.018	0
2687		2	0	.252	0	-.018	0	-1.048
2688		3	0	0	0	-.018	0	-1.466
2689		4	0	-.246	0	-.018	0	-1.093
2690		5	0	-.468	0	-.018	0	0
2691	4	M560	1	0	.427	0	.006	0
2692		2	0	.244	0	.006	0	-1.055
2693		3	0	.001	0	.006	0	-1.411
2694		4	0	-.232	0	.006	0	-1.067
2695		5	0	-.457	0	.006	0	0
2696	4	M561	1	0	.48	0	.029	0
2697		2	0	.242	0	.029	0	-1.08
2698		3	0	.02	0	.029	0	-1.474
2699		4	0	-.25	0	.029	0	-1.109
2700		5	0	-.444	0	.029	0	0
2701	4	M562	1	.002	.455	0	.05	0
2702		2	.002	.244	0	.05	0	-1.057
2703		3	.002	0	0	.05	0	-1.425
2704		4	.002	-.24	0	.05	0	-1.064
2705		5	.002	-.455	0	.05	0	0
2706	4	M563	1	.007	.322	0	.071	0
2707		2	.007	.167	0	.071	0	-.73
2708		3	.007	0	0	.071	0	-.983
2709		4	.007	-.164	0	.071	0	-.738
2710		5	.007	-.317	0	.071	0	0
2711	4	M564	1	0	1.62	-.004	.059	0
2712		2	-.002	.655	.001	-.009	.008	-3.124
2713		3	-.004	-.304	-.007	-.011	.021	-3.779
2714		4	-.006	-1.261	-.001	-.079	.031	-1.983
2715		5	0	-.399	0	0	0	0
2716	4	M565	1	0	0	0	0	0
2717		2	.006	.467	.002	-.042	-.012	-2.844
2718		3	.006	.012	.002	-.042	0	-4.256
2719		4	.006	-.475	.002	-.042	.01	-2.895
2720		5	0	0	0	0	0	0
2721	4	M566	1	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2722		2	-.008	.477	.002	.002	-.01	-2.935
2723		3	-.008	-.001	.002	.002	0	-4.367
2724		4	-.008	-.477	.002	.002	.01	-2.92
2725		5	0	0	0	0	0	0
2726	4 M567	1	0	0	0	0	0	0
2727		2	.005	.482	.001	.023	-.008	-2.896
2728		3	.005	.004	.001	.023	-.001	-4.36
2729		4	.005	-.473	.001	.023	.006	-2.901
2730		5	0	0	0	0	0	0
2731	4 M568	1	0	0	0	0	0	0
2732		2	.002	.412	0	.033	-.005	-2.59
2733		3	.002	-.002	0	.033	0	-3.77
2734		4	.002	-.408	0	.033	.006	-2.59
2735		5	0	0	0	0	0	0
2736	4 M569	1	0	-.919	0	-.318	0	0
2737		2	0	-.93	0	-.318	0	.52
2738		3	0	-1.203	0	-.008	0	-1.386
2739		4	0	-1.232	0	-.008	0	-.702
2740		5	0	-1.259	0	-.008	0	0
2741	4 M570	1	0	-.268	0	0	0	0
2742		2	0	-.296	0	0	0	.211
2743		3	0	.249	0	0	0	.349
2744		4	0	.21	0	0	0	.178
2745		5	0	.124	0	0	0	0
2746	4 M571	1	0	.547	0	.02	0	0
2747		2	0	.01	0	.082	0	-.052
2748		3	0	-.01	0	.082	0	-.053
2749		4	0	-.043	0	.082	0	-.037
2750		5	0	-.073	0	.082	0	0
2751	4 M572	1	0	0	0	0	0	0
2752		2	0	.301	0	-.262	0	-.615
2753		3	0	.057	0	-.262	0	-1.219
2754		4	0	-.19	0	-.262	0	-.993
2755		5	0	-.395	0	-.262	0	0
2756	4 M573	1	0	.942	0	-.008	0	0
2757		2	0	.336	0	.458	0	-2.976
2758		3	0	-.099	0	.672	0	-3.676
2759		4	0	-.599	0	.795	0	-2.793
2760		5	0	-1.669	0	0	0	0
2761	4 M574	1	0	.014	0	0	0	0
2762		2	0	.007	0	0	0	-.004
2763		3	0	-.002	0	0	0	-.004
2764		4	0	-.007	0	0	0	-.003
2765		5	0	-.01	0	0	0	0
2766	4 M575	1	0	.035	0	0	0	0
2767		2	0	.019	0	0	0	-.015
2768		3	0	0	0	0	0	-.02
2769		4	0	-.019	0	0	0	-.014
2770		5	0	-.032	0	0	0	0
2771	4 M576	1	-.001	-.29	-.004	-.19	0	0
2772		2	-.001	-.299	-.004	-.19	-.001	.098
2773		3	-.001	-.314	-.004	-.19	-.003	.2

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2774		4	-.001	-.325	-.004	-.19	-.004	.307
2775		5	0	0	0	0	0	0
2776	4	M577	1	-.002	-.45	0	.01	0
2777		2	-.002	-.502	0	.01	.001	.684
2778		3	-.001	.313	.004	.001	0	.645
2779		4	0	.188	0	0	-.001	.253
2780		5	0	.166	0	0	0	0
2781	4	M578	1	0	.399	.005	1.029	0
2782		2	0	.386	.005	1.029	.003	-.213
2783		3	0	-.188	.005	0	-.006	-.215
2784		4	0	-.198	.005	0	-.003	-.11
2785		5	0	-.211	.005	0	0	0
2786	4	M579	1	-.005	.118	0	0	0
2787		2	-.005	.058	0	0	0	-.066
2788		3	-.005	-.001	0	0	0	-.087
2789		4	-.005	-.06	0	0	0	-.064
2790		5	-.005	-.102	0	0	0	0
2791	4	M580	1	0	.022	0	0	0
2792		2	0	.01	0	0	0	-.004
2793		3	0	0	0	0	0	-.005
2794		4	0	-.01	0	0	0	-.004
2795		5	0	-.019	0	0	0	0
2796	4	M581	1	0	.019	0	0	0
2797		2	0	.015	0	0	0	-.009
2798		3	0	.005	0	0	0	-.014
2799		4	0	-.013	0	0	0	-.012
2800		5	0	-.039	0	0	0	0
2801	4	M582	1	-.015	.047	0	0	0
2802		2	-.015	.02	0	0	0	-.017
2803		3	-.015	-.004	0	0	0	-.021
2804		4	-.015	-.022	0	0	0	-.014
2805		5	-.015	-.032	0	0	0	0
2806	4	M583	1	.023	.006	-.021	.072	0
2807		2	.023	-.018	-.021	.072	-.008	.001
2808		3	.023	-.037	-.021	.072	-.016	.012
2809		4	.023	-.046	-.021	.072	-.024	.028
2810		5	0	.111	-.009	0	0	0
2811	4	M584	1	.016	.233	-.035	.054	0
2812		2	.013	-.178	-.017	.026	-.002	-.217
2813		3	.009	-.139	-.018	.015	-.001	.045
2814		4	.005	-.048	-.019	.01	0	.17
2815		5	0	.186	-.021	-.026	0	0
2816	4	M585	1	.053	-.183	-.011	-.026	0
2817		2	.047	.057	-.026	-.009	0	.357
2818		3	.039	.163	-.024	-.013	-.016	.107
2819		4	.024	.102	-.023	-.016	.017	-.139
2820		5	.016	-.16	-.031	-.044	0	0
2821	4	M586	1	.071	.285	-.044	.047	0
2822		2	.071	.261	-.044	.047	-.022	-.136
2823		3	.071	.247	-.044	.047	-.044	-.263
2824		4	.06	-.079	-.028	-.042	.014	-.044
2825		5	.06	-.099	-.028	-.042	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2826	4	M587	1	.06	.257	-.028	-.042	0
2827			2	.052	.131	-.024	-.025	.018
2828			3	.052	.088	-.024	-.025	-.012
2829			4	.044	.098	-.03	-.029	.005
2830			5	.039	.037	-.024	-.359	0
2831	4	M588	1	.039	.354	-.024	-.359	0
2832			2	.039	.314	-.024	-.359	-.024
2833			3	.027	-.036	-.052	-.461	.03
2834			4	.027	-.076	-.052	-.461	-.022
2835			5	.016	-.331	-.007	-.039	0
2836	4	M589	1	.016	.082	-.007	-.039	0
2837			2	.016	.019	-.007	-.039	-.011
2838			3	.01	.044	-.024	-.036	.002
2839			4	.005	.275	-.007	-.05	.01
2840			5	.005	.21	-.007	-.05	0
2841	4	M590	1	.006	.017	-.008	.038	0
2842			2	.006	-.019	-.008	.038	-.007
2843			3	.006	-.051	-.008	.038	-.014
2844			4	.004	.004	-.002	.006	.002
2845			5	.004	-.046	-.002	.006	0
2846	4	M591	1	.004	.705	-.002	.006	0
2847			2	.002	-.153	-.011	-.01	.016
2848			3	.002	-.17	-.011	-.01	.011
2849			4	.002	-.197	-.011	-.01	.005
2850			5	.002	-.225	-.011	-.01	0
2851	4	M592	1	0	.04	0	0	0
2852			2	0	.005	0	0	-.027
2853			3	0	.001	0	0	-.005
2854			4	0	-.001	0	0	.011
2855			5	0	.012	0	0	0
2856	4	M593	1	0	.334	-.004	0	0
2857			2	0	.313	-.004	0	-.004
2858			3	0	-.117	-.006	-.018	.002
2859			4	0	-.161	-.006	-.018	-.003
2860			5	.002	-.609	-.011	-.01	0
2861	4	M594	1	-.006	.04	0	0	0
2862			2	-.006	.02	0	0	0
2863			3	-.006	0	0	0	0
2864			4	-.006	-.02	0	0	0
2865			5	-.006	-.04	0	0	0
2866	4	M595	1	-.006	.08	0	0	0
2867			2	-.006	.028	0	0	0
2868			3	-.006	-.023	0	0	0
2869			4	-.006	-.031	0	0	0
2870			5	-.006	-.029	0	0	0
2871	4	M596	1	0	.152	-.006	0	0
2872			2	0	.137	-.006	0	0
2873			3	0	.119	-.006	0	0
2874			4	0	.107	-.006	0	0
2875			5	0	-.624	-.004	.059	0
2876	4	M597	1	.009	.718	.007	-.01	0
2877			2	.01	-.012	.002	.09	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2878		3	.01	.191	.029	.643	-.015	-.551
2879		4	.01	.161	.029	.643	.025	-.795
2880		5	.01	-1.087	-.05	.643	0	0
2881	4	M598	1	0	.605	-.145	0	0
2882		2	0	.573	-.009	-.145	-.005	-.294
2883		3	0	.552	-.009	-.145	-.009	-.575
2884		4	0	.041	0	0	0	.011
2885		5	0	0	0	0	0	0
2886	4	M599	1	.094	0	0	0	0
2887		2	.094	0	0	0	0	0
2888		3	.094	0	0	0	0	0
2889		4	.094	0	0	0	0	0
2890		5	.094	0	0	0	0	0
2891	4	M600	1	.395	0	0	0	0
2892		2	.395	0	0	0	0	0
2893		3	.395	0	0	0	0	0
2894		4	.395	0	0	0	0	0
2895		5	.395	0	0	0	0	0
2896	4	M601	1	.237	0	0	0	0
2897		2	.237	0	0	0	0	0
2898		3	.237	0	0	0	0	0
2899		4	.237	0	0	0	0	0
2900		5	.237	0	0	0	0	0
2901	4	M602	1	.291	0	0	0	0
2902		2	.291	0	0	0	0	0
2903		3	.291	0	0	0	0	0
2904		4	.291	0	0	0	0	0
2905		5	.291	0	0	0	0	0
2906	4	M603	1	0	0	0	0	0
2907		2	0	0	0	0	0	0
2908		3	0	0	0	0	0	0
2909		4	0	0	0	0	0	0
2910		5	0	0	0	0	0	0
2911	4	M604	1	0	0	0	0	0
2912		2	0	0	0	0	0	0
2913		3	0	0	0	0	0	0
2914		4	0	0	0	0	0	0
2915		5	0	0	0	0	0	0
2916	4	M605	1	2.201	0	0	0	0
2917		2	2.201	0	0	0	0	0
2918		3	2.201	0	0	0	0	0
2919		4	2.201	0	0	0	0	0
2920		5	2.201	0	0	0	0	0
2921	4	M606	1	1.401	0	0	0	0
2922		2	1.401	0	0	0	0	0
2923		3	1.401	0	0	0	0	0
2924		4	1.401	0	0	0	0	0
2925		5	1.401	0	0	0	0	0
2926	4	M607	1	1.643	0	0	0	0
2927		2	1.643	0	0	0	0	0
2928		3	1.643	0	0	0	0	0
2929		4	1.643	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2930		5	1.643	0	0	0	0	0
2931	4 M608	1	2.366	0	0	0	0	0
2932		2	2.366	0	0	0	0	0
2933		3	2.366	0	0	0	0	0
2934		4	2.366	0	0	0	0	0
2935		5	2.366	0	0	0	0	0
2936	4 M609	1	-.133	0	0	0	0	0
2937		2	-.133	0	0	0	0	0
2938		3	-.133	0	0	0	0	0
2939		4	-.133	0	0	0	0	0
2940		5	-.133	0	0	0	0	0
2941	4 M610	1	2.244	0	0	0	0	0
2942		2	2.244	0	0	0	0	0
2943		3	2.244	0	0	0	0	0
2944		4	2.244	0	0	0	0	0
2945		5	2.244	0	0	0	0	0
2946	4 M611	1	1.706	0	0	0	0	0
2947		2	1.706	0	0	0	0	0
2948		3	1.706	0	0	0	0	0
2949		4	1.706	0	0	0	0	0
2950		5	1.706	0	0	0	0	0
2951	4 M612	1	.12	0	0	0	0	0
2952		2	.12	0	0	0	0	0
2953		3	.12	0	0	0	0	0
2954		4	.12	0	0	0	0	0
2955		5	.12	0	0	0	0	0
2956	4 M613	1	-.004	0	0	0	0	0
2957		2	-.004	0	0	0	0	0
2958		3	-.004	0	0	0	0	0
2959		4	-.004	0	0	0	0	0
2960		5	-.004	0	0	0	0	0
2961	4 M614	1	.131	0	0	0	0	0
2962		2	.131	0	0	0	0	0
2963		3	.131	0	0	0	0	0
2964		4	.131	0	0	0	0	0
2965		5	.131	0	0	0	0	0
2966	4 M615	1	.182	0	0	0	0	0
2967		2	.182	0	0	0	0	0
2968		3	.182	0	0	0	0	0
2969		4	.182	0	0	0	0	0
2970		5	.182	0	0	0	0	0
2971	4 M616	1	-.818	0	0	0	0	0
2972		2	-.818	0	0	0	0	0
2973		3	-.818	0	0	0	0	0
2974		4	-.818	0	0	0	0	0
2975		5	-.818	0	0	0	0	0
2976	4 M617	1	.185	0	0	.001	0	0
2977		2	.185	0	0	.001	0	0
2978		3	.185	0	0	.001	0	0
2979		4	.185	0	0	.001	0	0
2980		5	.185	0	0	.001	0	0
2981	4 M618	1	.317	0	0	.001	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
2982		2	.317	0	0	.001	0	0
2983		3	.317	0	0	.001	0	0
2984		4	.317	0	0	.001	0	0
2985		5	.317	0	0	.001	0	0
2986	4 M619	1	.332	0	0	.001	0	0
2987		2	.332	0	0	.001	0	0
2988		3	.332	0	0	.001	0	0
2989		4	.332	0	0	.001	0	0
2990		5	.332	0	0	.001	0	0
2991	4 M620	1	.304	0	0	.001	0	0
2992		2	.304	0	0	.001	0	0
2993		3	.304	0	0	.001	0	0
2994		4	.304	0	0	.001	0	0
2995		5	.304	0	0	.001	0	0
2996	4 M621	1	.293	0	0	.001	0	0
2997		2	.293	0	0	.001	0	0
2998		3	.293	0	0	.001	0	0
2999		4	.293	0	0	.001	0	0
3000		5	.293	0	0	.001	0	0
3001	4 M622	1	.299	0	0	.001	0	0
3002		2	.299	0	0	.001	0	0
3003		3	.299	0	0	.001	0	0
3004		4	.299	0	0	.001	0	0
3005		5	.299	0	0	.001	0	0
3006	4 M623	1	.226	0	0	0	0	0
3007		2	.226	0	0	0	0	0
3008		3	.226	0	0	0	0	0
3009		4	.226	0	0	0	0	0
3010		5	.226	0	0	0	0	0
3011	4 M624	1	.106	0	0	.004	0	0
3012		2	.106	0	0	.004	0	0
3013		3	.106	0	0	.004	0	0
3014		4	.106	0	0	.004	0	0
3015		5	.106	0	0	.004	0	0
3016	4 M625	1	.066	0	0	.004	0	0
3017		2	.066	0	0	.004	0	0
3018		3	.066	0	0	.004	0	0
3019		4	.066	0	0	.004	0	0
3020		5	.066	0	0	.004	0	0
3021	4 M626	1	.141	0	0	.004	0	0
3022		2	.141	0	0	.004	0	0
3023		3	.141	0	0	.004	0	0
3024		4	.141	0	0	.004	0	0
3025		5	.141	0	0	.004	0	0
3026	4 M627	1	.299	0	0	.004	0	0
3027		2	.299	0	0	.004	0	0
3028		3	.299	0	0	.004	0	0
3029		4	.299	0	0	.004	0	0
3030		5	.299	0	0	.004	0	0
3031	4 M628	1	1.206	0	0	.004	0	0
3032		2	1.206	0	0	.004	0	0
3033		3	1.206	0	0	.004	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3034		4	1.206	0	0	.004	0	0
3035		5	1.206	0	0	.004	0	0
3036	4	M629	1	.796	0	0	0	0
3037		2	.796	0	0	0	0	0
3038		3	.796	0	0	0	0	0
3039		4	.796	0	0	0	0	0
3040		5	.796	0	0	0	0	0
3041	4	M630	1	.855	0	0	0	0
3042		2	.855	0	0	0	0	0
3043		3	.855	0	0	0	0	0
3044		4	.855	0	0	0	0	0
3045		5	.855	0	0	0	0	0
3046	4	M631	1	.403	0	0	0	0
3047		2	.403	0	0	0	0	0
3048		3	.403	0	0	0	0	0
3049		4	.403	0	0	0	0	0
3050		5	.403	0	0	0	0	0
3051	4	M632	1	.296	0	0	0	0
3052		2	.296	0	0	0	0	0
3053		3	.296	0	0	0	0	0
3054		4	.296	0	0	0	0	0
3055		5	.296	0	0	0	0	0
3056	4	M633	1	.13	0	0	.004	0
3057		2	.13	0	0	.004	0	0
3058		3	.13	0	0	.004	0	0
3059		4	.13	0	0	.004	0	0
3060		5	.13	0	0	.004	0	0
3061	4	M634	1	3.692	0	0	.001	0
3062		2	3.692	0	0	.001	0	0
3063		3	3.692	0	0	.001	0	0
3064		4	3.692	0	0	.001	0	0
3065		5	3.692	0	0	.001	0	0
3066	4	M635	1	1.135	0	0	.001	0
3067		2	1.135	0	0	.001	0	0
3068		3	1.135	0	0	.001	0	0
3069		4	1.135	0	0	.001	0	0
3070		5	1.135	0	0	.001	0	0
3071	4	M636	1	.169	0	0	.001	0
3072		2	.169	0	0	.001	0	0
3073		3	.169	0	0	.001	0	0
3074		4	.169	0	0	.001	0	0
3075		5	.169	0	0	.001	0	0
3076	4	M637	1	1.459	0	0	0	0
3077		2	1.459	0	0	0	0	0
3078		3	1.459	0	0	0	0	0
3079		4	1.459	0	0	0	0	0
3080		5	1.459	0	0	0	0	0
3081	4	M638	1	2.143	0	0	.034	0
3082		2	2.143	0	0	.034	0	0
3083		3	2.143	0	0	.034	0	0
3084		4	2.143	0	0	.034	0	0
3085		5	2.143	0	0	.034	0	0



**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3086	4	M639	1	1.569	0	0	.035	0
3087			2	1.569	0	0	.035	0
3088			3	1.569	0	0	.035	0
3089			4	1.569	0	0	.035	0
3090			5	1.569	0	0	.035	0
3091	4	M640	1	4.429	0	0	.034	0
3092			2	4.429	0	0	.034	0
3093			3	4.429	0	0	.034	0
3094			4	4.429	0	0	.034	0
3095			5	4.429	0	0	.034	0
3096	4	M641	1	.436	0	0	0	0
3097			2	.436	0	0	0	0
3098			3	.436	0	0	0	0
3099			4	.436	0	0	0	0
3100			5	.436	0	0	0	0
3101	4	M642	1	14.102	0	0	0	0
3102			2	14.102	0	0	0	0
3103			3	14.102	0	0	0	0
3104			4	14.102	0	0	0	0
3105			5	14.102	0	0	0	0
3106	4	M643	1	1.887	0	0	0	0
3107			2	1.887	0	0	0	0
3108			3	1.887	0	0	0	0
3109			4	1.887	0	0	0	0
3110			5	1.887	0	0	0	0
3111	4	M644	1	2.44	0	0	0	0
3112			2	2.44	0	0	0	0
3113			3	2.44	0	0	0	0
3114			4	2.44	0	0	0	0
3115			5	2.44	0	0	0	0
3116	4	M645	1	6.142	0	0	0	0
3117			2	6.142	0	0	0	0
3118			3	6.142	0	0	0	0
3119			4	6.142	0	0	0	0
3120			5	6.142	0	0	0	0
3121	4	M646	1	0	0	0	0	0
3122			2	0	0	0	0	0
3123			3	0	0	0	0	0
3124			4	0	0	0	0	0
3125			5	0	0	0	0	0
3126	4	M647	1	.399	0	0	0	0
3127			2	.399	0	0	0	0
3128			3	.399	0	0	0	0
3129			4	.399	0	0	0	0
3130			5	.399	0	0	0	0
3131	4	M648	1	.044	0	0	-.003	0
3132			2	.044	0	0	-.003	0
3133			3	.044	0	0	-.003	0
3134			4	.044	0	0	-.003	0
3135			5	.044	0	0	-.003	0
3136	4	M649	1	6.177	0	0	0	0
3137			2	6.177	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3138		3	6.177	0	0	0	0	0
3139		4	6.177	0	0	0	0	0
3140		5	6.177	0	0	0	0	0
3141	4 M650	1	10.91	0	0	0	0	0
3142		2	10.91	0	0	0	0	0
3143		3	10.91	0	0	0	0	0
3144		4	10.91	0	0	0	0	0
3145		5	10.91	0	0	0	0	0
3146	4 M651	1	.363	0	0	0	0	0
3147		2	.363	0	0	0	0	0
3148		3	.363	0	0	0	0	0
3149		4	.363	0	0	0	0	0
3150		5	.363	0	0	0	0	0
3151	4 M652	1	.312	0	0	0	0	0
3152		2	.312	0	0	0	0	0
3153		3	.312	0	0	0	0	0
3154		4	.312	0	0	0	0	0
3155		5	.312	0	0	0	0	0
3156	4 M653	1	3.326	0	0	0	0	0
3157		2	3.326	0	0	0	0	0
3158		3	3.326	0	0	0	0	0
3159		4	3.326	0	0	0	0	0
3160		5	3.326	0	0	0	0	0
3161	4 M654	1	-.342	0	0	0	0	0
3162		2	-.342	0	0	0	0	0
3163		3	-.342	0	0	0	0	0
3164		4	-.342	0	0	0	0	0
3165		5	-.342	0	0	0	0	0
3166	4 M655	1	-.818	0	0	0	0	0
3167		2	-.818	0	0	0	0	0
3168		3	-.818	0	0	0	0	0
3169		4	-.818	0	0	0	0	0
3170		5	-.818	0	0	0	0	0
3171	4 M656	1	.764	0	0	0	0	0
3172		2	.764	0	0	0	0	0
3173		3	.764	0	0	0	0	0
3174		4	.764	0	0	0	0	0
3175		5	.764	0	0	0	0	0
3176	4 M657	1	.581	0	0	0	0	0
3177		2	.581	0	0	0	0	0
3178		3	.581	0	0	0	0	0
3179		4	.581	0	0	0	0	0
3180		5	.581	0	0	0	0	0
3181	4 M658	1	.032	0	0	.003	0	0
3182		2	.032	0	0	.003	0	0
3183		3	.032	0	0	.003	0	0
3184		4	.032	0	0	.003	0	0
3185		5	.032	0	0	.003	0	0
3186	4 M659	1	0	0	0	0	0	0
3187		2	0	0	0	0	0	0
3188		3	0	0	0	0	0	0
3189		4	0	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3190		5	0	0	0	0	0	0
3191	4 M660	1	0	0	0	0	0	0
3192		2	0	0	0	0	0	0
3193		3	0	0	0	0	0	0
3194		4	0	0	0	0	0	0
3195		5	0	0	0	0	0	0
3196	4 M661	1	0	0	0	0	0	0
3197		2	0	0	0	0	0	0
3198		3	0	0	0	0	0	0
3199		4	0	0	0	0	0	0
3200		5	0	0	0	0	0	0
3201	4 M662	1	1.492	0	0	0	0	0
3202		2	1.492	0	0	0	0	0
3203		3	1.492	0	0	0	0	0
3204		4	1.492	0	0	0	0	0
3205		5	1.492	0	0	0	0	0
3206	4 M663	1	1.505	0	0	0	0	0
3207		2	1.505	0	0	0	0	0
3208		3	1.505	0	0	0	0	0
3209		4	1.505	0	0	0	0	0
3210		5	1.505	0	0	0	0	0
3211	4 M664	1	1.438	0	0	0	0	0
3212		2	1.438	0	0	0	0	0
3213		3	1.438	0	0	0	0	0
3214		4	1.438	0	0	0	0	0
3215		5	1.438	0	0	0	0	0
3216	4 M665	1	4.502	0	0	0	0	0
3217		2	4.502	0	0	0	0	0
3218		3	4.502	0	0	0	0	0
3219		4	4.502	0	0	0	0	0
3220		5	4.502	0	0	0	0	0
3221	4 M666	1	1.572	0	0	-.13	0	0
3222		2	1.572	0	0	-.13	0	0
3223		3	1.572	0	0	-.13	0	0
3224		4	1.572	0	0	-.13	0	0
3225		5	1.572	0	0	-.13	0	0
3226	4 M667	1	1.047	0	0	-.019	0	0
3227		2	1.047	0	0	-.019	0	0
3228		3	1.047	0	0	-.019	0	0
3229		4	1.047	0	0	-.019	0	0
3230		5	1.047	0	0	-.019	0	0
3231	4 M668	1	1.836	0	0	-.019	0	0
3232		2	1.836	0	0	-.019	0	0
3233		3	1.836	0	0	-.019	0	0
3234		4	1.836	0	0	-.019	0	0
3235		5	1.836	0	0	-.019	0	0
3236	4 M669	1	.014	0	0	0	0	0
3237		2	.014	0	0	0	0	0
3238		3	.014	0	0	0	0	0
3239		4	.014	0	0	0	0	0
3240		5	.014	0	0	0	0	0
3241	4 M670	1	.032	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3242		2	.032	0	0	0	0	0
3243		3	.032	0	0	0	0	0
3244		4	.032	0	0	0	0	0
3245		5	.032	0	0	0	0	0
3246	4 M671	1	.039	0	0	0	0	0
3247		2	.039	0	0	0	0	0
3248		3	.039	0	0	0	0	0
3249		4	.039	0	0	0	0	0
3250		5	.039	0	0	0	0	0
3251	4 M672	1	.04	0	0	0	0	0
3252		2	.04	0	0	0	0	0
3253		3	.04	0	0	0	0	0
3254		4	.04	0	0	0	0	0
3255		5	.04	0	0	0	0	0
3256	4 M673	1	.039	0	0	0	0	0
3257		2	.039	0	0	0	0	0
3258		3	.039	0	0	0	0	0
3259		4	.039	0	0	0	0	0
3260		5	.039	0	0	0	0	0
3261	4 M674	1	.039	0	0	0	0	0
3262		2	.039	0	0	0	0	0
3263		3	.039	0	0	0	0	0
3264		4	.039	0	0	0	0	0
3265		5	.039	0	0	0	0	0
3266	4 M675	1	.043	0	0	0	0	0
3267		2	.043	0	0	0	0	0
3268		3	.043	0	0	0	0	0
3269		4	.043	0	0	0	0	0
3270		5	.043	0	0	0	0	0
3271	4 M676	1	.053	0	0	0	0	0
3272		2	.053	0	0	0	0	0
3273		3	.053	0	0	0	0	0
3274		4	.053	0	0	0	0	0
3275		5	.053	0	0	0	0	0
3276	4 M677	1	0	0	0	0	0	0
3277		2	0	0	0	0	0	0
3278		3	0	0	0	0	0	0
3279		4	0	0	0	0	0	0
3280		5	0	0	0	0	0	0
3281	4 M678	1	.347	0	0	0	0	0
3282		2	.347	0	0	0	0	0
3283		3	.347	0	0	0	0	0
3284		4	.347	0	0	0	0	0
3285		5	.347	0	0	0	0	0
3286	4 M679	1	.435	0	0	0	0	0
3287		2	.435	0	0	0	0	0
3288		3	.435	0	0	0	0	0
3289		4	.435	0	0	0	0	0
3290		5	.435	0	0	0	0	0
3291	4 M680	1	.834	0	0	0	0	0
3292		2	.834	0	0	0	0	0
3293		3	.834	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3294		4	.834	0	0	0	0	0
3295		5	.834	0	0	0	0	0
3296	4	M681	1	.751	0	0	0	0
3297		2	.751	0	0	0	0	0
3298		3	.751	0	0	0	0	0
3299		4	.751	0	0	0	0	0
3300		5	.751	0	0	0	0	0
3301	4	M682	1	.953	0	0	0	0
3302		2	.953	0	0	0	0	0
3303		3	.953	0	0	0	0	0
3304		4	.953	0	0	0	0	0
3305		5	.953	0	0	0	0	0
3306	4	M683	1	2.465	0	0	0	0
3307		2	2.465	0	0	0	0	0
3308		3	2.465	0	0	0	0	0
3309		4	2.465	0	0	0	0	0
3310		5	2.465	0	0	0	0	0
3311	4	M684	1	2.129	0	0	0	0
3312		2	2.129	0	0	0	0	0
3313		3	2.129	0	0	0	0	0
3314		4	2.129	0	0	0	0	0
3315		5	2.129	0	0	0	0	0
3316	4	M685	1	.598	0	0	0	0
3317		2	.598	0	0	0	0	0
3318		3	.598	0	0	0	0	0
3319		4	.598	0	0	0	0	0
3320		5	.598	0	0	0	0	0
3321	4	M686	1	.351	0	0	0	0
3322		2	.351	0	0	0	0	0
3323		3	.351	0	0	0	0	0
3324		4	.351	0	0	0	0	0
3325		5	.351	0	0	0	0	0
3326	4	M687	1	.217	0	0	0	0
3327		2	.217	0	0	0	0	0
3328		3	.217	0	0	0	0	0
3329		4	.217	0	0	0	0	0
3330		5	.217	0	0	0	0	0
3331	4	M688	1	.356	0	0	0	0
3332		2	.356	0	0	0	0	0
3333		3	.356	0	0	0	0	0
3334		4	.356	0	0	0	0	0
3335		5	.356	0	0	0	0	0
3336	4	M689	1	.091	0	0	-.023	0
3337		2	.091	0	0	-.023	0	0
3338		3	.091	0	0	-.023	0	0
3339		4	.091	0	0	-.023	0	0
3340		5	.091	0	0	-.023	0	0
3341	4	M690	1	.123	0	0	0	0
3342		2	.123	0	0	0	0	0
3343		3	.123	0	0	0	0	0
3344		4	.123	0	0	0	0	0
3345		5	.123	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3346	4	M691	1	.254	0	0	0	0
3347			2	.254	0	0	0	0
3348			3	.254	0	0	0	0
3349			4	.254	0	0	0	0
3350			5	.254	0	0	0	0
3351	4	M692	1	.318	0	0	0	0
3352			2	.318	0	0	0	0
3353			3	.318	0	0	0	0
3354			4	.318	0	0	0	0
3355			5	.318	0	0	0	0
3356	4	M693	1	.317	0	0	0	0
3357			2	.317	0	0	0	0
3358			3	.317	0	0	0	0
3359			4	.317	0	0	0	0
3360			5	.317	0	0	0	0
3361	4	M694	1	.413	0	0	0	0
3362			2	.413	0	0	0	0
3363			3	.413	0	0	0	0
3364			4	.413	0	0	0	0
3365			5	.413	0	0	0	0
3366	4	M695	1	.367	0	0	0	0
3367			2	.367	0	0	0	0
3368			3	.367	0	0	0	0
3369			4	.367	0	0	0	0
3370			5	.367	0	0	0	0
3371	4	M696	1	.492	0	0	0	0
3372			2	.492	0	0	0	0
3373			3	.492	0	0	0	0
3374			4	.492	0	0	0	0
3375			5	.492	0	0	0	0
3376	4	M697	1	.38	0	0	0	0
3377			2	.38	0	0	0	0
3378			3	.38	0	0	0	0
3379			4	.38	0	0	0	0
3380			5	.38	0	0	0	0
3381	4	M698	1	.613	0	0	0	0
3382			2	.613	0	0	0	0
3383			3	.613	0	0	0	0
3384			4	.613	0	0	0	0
3385			5	.613	0	0	0	0
3386	4	M699	1	.82	0	0	0	0
3387			2	.82	0	0	0	0
3388			3	.82	0	0	0	0
3389			4	.82	0	0	0	0
3390			5	.82	0	0	0	0
3391	4	M700	1	.915	0	0	0	0
3392			2	.915	0	0	0	0
3393			3	.915	0	0	0	0
3394			4	.915	0	0	0	0
3395			5	.915	0	0	0	0
3396	4	M701	1	.893	0	0	0	0
3397			2	.893	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3398		3	.893	0	0	0	0	0
3399		4	.893	0	0	0	0	0
3400		5	.893	0	0	0	0	0
3401	4 M702	1	.86	0	0	0	0	0
3402		2	.86	0	0	0	0	0
3403		3	.86	0	0	0	0	0
3404		4	.86	0	0	0	0	0
3405		5	.86	0	0	0	0	0
3406	4 M703	1	.844	0	0	0	0	0
3407		2	.844	0	0	0	0	0
3408		3	.844	0	0	0	0	0
3409		4	.844	0	0	0	0	0
3410		5	.844	0	0	0	0	0
3411	4 M704	1	.846	0	0	0	0	0
3412		2	.846	0	0	0	0	0
3413		3	.846	0	0	0	0	0
3414		4	.846	0	0	0	0	0
3415		5	.846	0	0	0	0	0
3416	4 M705	1	.694	0	0	0	0	0
3417		2	.694	0	0	0	0	0
3418		3	.694	0	0	0	0	0
3419		4	.694	0	0	0	0	0
3420		5	.694	0	0	0	0	0
3421	4 M706	1	.406	0	0	0	0	0
3422		2	.406	0	0	0	0	0
3423		3	.406	0	0	0	0	0
3424		4	.406	0	0	0	0	0
3425		5	.406	0	0	0	0	0
3426	4 M707	1	0	0	0	.004	0	0
3427		2	0	0	0	.004	0	0
3428		3	0	0	0	.004	0	0
3429		4	0	0	0	.004	0	0
3430		5	0	0	0	.004	0	0
3431	4 M708	1	-.057	0	0	0	0	0
3432		2	-.057	0	0	0	0	0
3433		3	-.057	0	0	0	0	0
3434		4	-.057	0	0	0	0	0
3435		5	-.057	0	0	0	0	0
3436	4 M709	1	.506	0	0	0	0	0
3437		2	.506	0	0	0	0	0
3438		3	.506	0	0	0	0	0
3439		4	.506	0	0	0	0	0
3440		5	.506	0	0	0	0	0
3441	4 M710	1	.75	0	0	0	0	0
3442		2	.75	0	0	0	0	0
3443		3	.75	0	0	0	0	0
3444		4	.75	0	0	0	0	0
3445		5	.75	0	0	0	0	0
3446	4 M711	1	4.933	0	0	0	0	0
3447		2	4.933	0	0	0	0	0
3448		3	4.933	0	0	0	0	0
3449		4	4.933	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3450		5	4.933	0	0	0	0	0
3451	4	M712	1	.312	0	0	0	0
3452		2	.312	0	0	0	0	0
3453		3	.312	0	0	0	0	0
3454		4	.312	0	0	0	0	0
3455		5	.312	0	0	0	0	0
3456	4	M713	1	1.253	0	0	0	0
3457		2	1.253	0	0	0	0	0
3458		3	1.253	0	0	0	0	0
3459		4	1.253	0	0	0	0	0
3460		5	1.253	0	0	0	0	0
3461	4	M714	1	3.472	0	.042	0	.003
3462		2	3.472	0	.042	0	.108	0
3463		3	3.472	0	.042	0	.212	0
3464		4	3.472	0	.042	0	.316	0
3465		5	3.472	0	.042	0	.421	0
3466	4	M715	1	4.103	0	0	-.133	.185
3467		2	4.103	0	0	-.133	.184	0
3468		3	4.103	0	0	-.133	.183	0
3469		4	4.103	0	0	-.133	.183	0
3470		5	4.103	0	0	-.133	.182	0
3471	4	M716	1	1.143	0	0	.005	0
3472		2	1.143	0	0	.005	0	0
3473		3	1.143	0	0	.005	0	0
3474		4	1.143	0	0	.005	0	0
3475		5	1.143	0	0	.005	0	0
3476	4	M718	1	.006	.016	.005	0	0
3477		2	.006	.012	.005	0	.002	-.004
3478		3	.006	.009	.005	0	.003	-.008
3479		4	.006	-.073	-.01	0	.003	-.025
3480		5	.006	-.078	-.01	0	0	0
3481	4	M719	1	-.469	0	0	.011	0
3482		2	-.469	0	0	.011	0	0
3483		3	-.469	0	0	.011	0	0
3484		4	-.469	0	0	.011	0	0
3485		5	-.469	0	0	.011	0	0
3486	4	M720	1	.453	0	0	0	0
3487		2	.453	0	0	0	0	0
3488		3	.453	0	0	0	0	0
3489		4	.453	0	0	0	0	0
3490		5	.453	0	0	0	0	0
3491	4	M721	1	.671	0	0	0	0
3492		2	.671	0	0	0	0	0
3493		3	.671	0	0	0	0	0
3494		4	.671	0	0	0	0	0
3495		5	.671	0	0	0	0	0
3496	4	M722	1	.8	0	0	0	0
3497		2	.8	0	0	0	0	0
3498		3	.8	0	0	0	0	0
3499		4	.8	0	0	0	0	0
3500		5	.8	0	0	0	0	0
3501	4	M723	1	.931	0	0	0	0



**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3502		2	.931	0	0	0	0	0
3503		3	.931	0	0	0	0	0
3504		4	.931	0	0	0	0	0
3505		5	.931	0	0	0	0	0
3506	4 M724	1	.987	0	0	0	0	0
3507		2	.987	0	0	0	0	0
3508		3	.987	0	0	0	0	0
3509		4	.987	0	0	0	0	0
3510		5	.987	0	0	0	0	0
3511	4 M725	1	1.118	0	0	0	0	0
3512		2	1.118	0	0	0	0	0
3513		3	1.118	0	0	0	0	0
3514		4	1.118	0	0	0	0	0
3515		5	1.118	0	0	0	0	0
3516	4 M726	1	.737	0	0	0	0	0
3517		2	.737	0	0	0	0	0
3518		3	.737	0	0	0	0	0
3519		4	.737	0	0	0	0	0
3520		5	.737	0	0	0	0	0
3521	4 M727	1	.463	0	0	0	0	0
3522		2	.463	0	0	0	0	0
3523		3	.463	0	0	0	0	0
3524		4	.463	0	0	0	0	0
3525		5	.463	0	0	0	0	0
3526	4 M728	1	.529	0	0	0	0	0
3527		2	.529	0	0	0	0	0
3528		3	.529	0	0	0	0	0
3529		4	.529	0	0	0	0	0
3530		5	.529	0	0	0	0	0
3531	4 M729	1	.72	0	0	0	0	0
3532		2	.72	0	0	0	0	0
3533		3	.72	0	0	0	0	0
3534		4	.72	0	0	0	0	0
3535		5	.72	0	0	0	0	0
3536	4 M730	1	.715	0	0	0	0	0
3537		2	.715	0	0	0	0	0
3538		3	.715	0	0	0	0	0
3539		4	.715	0	0	0	0	0
3540		5	.715	0	0	0	0	0
3541	4 M731	1	.598	0	0	0	0	0
3542		2	.598	0	0	0	0	0
3543		3	.598	0	0	0	0	0
3544		4	.598	0	0	0	0	0
3545		5	.598	0	0	0	0	0
3546	4 M732	1	.413	0	0	0	0	0
3547		2	.413	0	0	0	0	0
3548		3	.413	0	0	0	0	0
3549		4	.413	0	0	0	0	0
3550		5	.413	0	0	0	0	0
3551	4 M733	1	.357	0	0	0	0	0
3552		2	.357	0	0	0	0	0
3553		3	.357	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3554		4	.357	0	0	0	0	0
3555		5	.357	0	0	0	0	0
3556	4	M734	1	.322	0	0	0	0
3557		2	.322	0	0	0	0	0
3558		3	.322	0	0	0	0	0
3559		4	.322	0	0	0	0	0
3560		5	.322	0	0	0	0	0
3561	4	M735	1	.256	0	0	0	0
3562		2	.256	0	0	0	0	0
3563		3	.256	0	0	0	0	0
3564		4	.256	0	0	0	0	0
3565		5	.256	0	0	0	0	0
3566	4	M736	1	.235	0	0	0	0
3567		2	.235	0	0	0	0	0
3568		3	.235	0	0	0	0	0
3569		4	.235	0	0	0	0	0
3570		5	.235	0	0	0	0	0
3571	4	M737	1	.269	0	0	0	0
3572		2	.269	0	0	0	0	0
3573		3	.269	0	0	0	0	0
3574		4	.269	0	0	0	0	0
3575		5	.269	0	0	0	0	0
3576	4	M738	1	.306	0	0	0	0
3577		2	.306	0	0	0	0	0
3578		3	.306	0	0	0	0	0
3579		4	.306	0	0	0	0	0
3580		5	.306	0	0	0	0	0
3581	4	M739	1	.402	0	0	0	0
3582		2	.402	0	0	0	0	0
3583		3	.402	0	0	0	0	0
3584		4	.402	0	0	0	0	0
3585		5	.402	0	0	0	0	0
3586	4	M740	1	.454	0	0	0	0
3587		2	.454	0	0	0	0	0
3588		3	.454	0	0	0	0	0
3589		4	.454	0	0	0	0	0
3590		5	.454	0	0	0	0	0
3591	4	M741	1	.454	0	0	0	0
3592		2	.454	0	0	0	0	0
3593		3	.454	0	0	0	0	0
3594		4	.454	0	0	0	0	0
3595		5	.454	0	0	0	0	0
3596	4	M742	1	.392	0	0	0	0
3597		2	.392	0	0	0	0	0
3598		3	.392	0	0	0	0	0
3599		4	.392	0	0	0	0	0
3600		5	.392	0	0	0	0	0
3601	4	M743	1	.258	0	0	0	0
3602		2	.258	0	0	0	0	0
3603		3	.258	0	0	0	0	0
3604		4	.258	0	0	0	0	0
3605		5	.258	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3606	4	M744	1	.872	0	0	0	0
3607			2	.872	0	0	0	0
3608			3	.872	0	0	0	0
3609			4	.872	0	0	0	0
3610			5	.872	0	0	0	0
3611	4	M745	1	9.701	0	0	0	0
3612			2	9.701	0	0	0	0
3613			3	9.701	0	0	0	0
3614			4	9.701	0	0	0	0
3615			5	9.701	0	0	0	0
3616	4	M746	1	1.439	0	0	0	0
3617			2	1.439	0	0	0	0
3618			3	1.439	0	0	0	0
3619			4	1.439	0	0	0	0
3620			5	1.439	0	0	0	0
3621	4	M747	1	.601	0	0	0	0
3622			2	.601	0	0	0	0
3623			3	.601	0	0	0	0
3624			4	.601	0	0	0	0
3625			5	.601	0	0	0	0
3626	4	M748	1	.336	0	0	0	0
3627			2	.336	0	0	0	0
3628			3	.336	0	0	0	0
3629			4	.336	0	0	0	0
3630			5	.336	0	0	0	0
3631	4	M749	1	0	.339	0	0	0
3632			2	0	.182	0	0	-1.322
3633			3	0	0	0	0	-1.766
3634			4	0	-.181	0	0	-1.326
3635			5	0	-.363	0	0	0
3636	4	M750	1	0	.69	0	0	0
3637			2	0	.379	0	0	-2.669
3638			3	0	-.003	0	0	-3.583
3639			4	0	-.365	0	0	-2.694
3640			5	0	-.753	0	0	0
3641	4	M751	1	0	5.343	0	0	0
3642			2	0	2.42	0	0	-13.287
3643			3	0	-.448	0	0	-16.905
3644			4	0	-2.736	0	0	-11.561
3645			5	0	-4.547	0	0	0
3646	4	M752	1	0	11.018	0	0	10.874
3647			2	0	1.9	0	0	-2.533
3648			3	0	.448	0	0	-4.318
3649			4	0	-1.128	0	0	-3.451
3650			5	0	-2.556	0	0	0
3651	4	M754	1	0	1.933	0	0	0
3652			2	0	.786	0	0	-2.395
3653			3	0	-.148	0	0	-3.12
3654			4	0	-1.044	0	0	-2.313
3655			5	0	-1.958	0	0	0
3656	4	M755	1	0	.018	0	0	0
3657			2	0	-.026	0	0	.005

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3658		3	0	-.009	0	0	0	-.002
3659		4	0	.007	0	0	0	-.004
3660		5	0	.008	0	0	0	0
3661	4 M756	1	0	-.003	0	0	0	0
3662		2	0	-.002	0	0	0	-.005
3663		3	0	.007	0	0	0	0
3664		4	0	.021	0	0	0	-.004
3665		5	0	.004	0	0	0	0
3666	4 M757	1	0	.679	0	0	0	0
3667		2	0	.364	0	0	0	-2.643
3668		3	0	0	0	0	0	-3.532
3669		4	0	-.362	0	0	0	-2.651
3670		5	0	-.725	0	0	0	0
3671	4 M758	1	0	.679	0	0	0	0
3672		2	0	.364	0	0	0	-2.643
3673		3	0	0	0	0	0	-3.532
3674		4	0	-.362	0	0	0	-2.651
3675		5	0	-.725	0	0	0	0
3676	4 M759	1	0	.679	0	0	0	0
3677		2	0	.364	0	0	0	-2.643
3678		3	0	0	0	0	0	-3.532
3679		4	0	-.362	0	0	0	-2.651
3680		5	0	-.725	0	0	0	0
3681	4 M760	1	0	.679	0	0	0	0
3682		2	0	.364	0	0	0	-2.643
3683		3	0	0	0	0	0	-3.532
3684		4	0	-.362	0	0	0	-2.651
3685		5	0	-.725	0	0	0	0
3686	4 M761	1	0	.679	0	0	0	0
3687		2	0	.364	0	0	0	-2.643
3688		3	0	0	0	0	0	-3.532
3689		4	0	-.362	0	0	0	-2.651
3690		5	0	-.725	0	0	0	0
3691	4 M762	1	0	.679	0	0	0	0
3692		2	0	.364	0	0	0	-2.643
3693		3	0	0	0	0	0	-3.532
3694		4	0	-.362	0	0	0	-2.651
3695		5	0	-.725	0	0	0	0
3696	4 M763	1	0	.679	0	0	0	0
3697		2	0	.364	0	0	0	-2.643
3698		3	0	0	0	0	0	-3.532
3699		4	0	-.362	0	0	0	-2.651
3700		5	0	-.725	0	0	0	0
3701	4 M764	1	0	.692	0	0	0	0
3702		2	0	.374	0	0	0	-2.712
3703		3	0	.003	0	0	0	-3.639
3704		4	0	-.367	0	0	0	-2.741
3705		5	0	-.74	0	0	0	0
3706	4 M765	1	0	-.043	0	0	0	0
3707		2	0	-.076	0	0	0	.034
3708		3	0	.374	0	0	0	-.113
3709		4	0	-.463	0	0	0	.023

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3710		5	0	.074	0	0	0	0
3711	4	M766	1	0	.747	0	.002	0
3712		2	0	.403	0	.002	0	-3.351
3713		3	0	.015	0	.002	0	-4.519
3714		4	0	-.4	0	.002	0	-3.436
3715		5	0	-.828	0	.002	0	0
3716	4	M767	1	0	.803	0	0	0
3717		2	0	.431	0	0	0	-3.601
3718		3	0	-.009	0	0	0	-4.765
3719		4	0	-.419	0	0	0	-3.569
3720		5	0	-.827	0	0	0	0
3721	4	M768	1	0	.774	0	0	0
3722		2	0	.415	0	0	0	-3.386
3723		3	0	.007	0	0	0	-4.582
3724		4	0	-.411	0	0	0	-3.472
3725		5	0	-.833	0	0	0	0
3726	4	M769	1	0	.798	0	0	0
3727		2	0	.417	0	0	0	-3.449
3728		3	0	-.004	0	0	0	-4.608
3729		4	0	-.411	0	0	0	-3.449
3730		5	0	-.825	0	0	0	0
3731	4	M770	1	0	.699	0	.028	0
3732		2	0	.371	0	.028	0	-2.527
3733		3	0	-.009	0	.028	0	-3.357
3734		4	0	-.372	0	.028	0	-2.463
3735		5	0	-.686	0	.028	0	0
3736	4	M771	1	0	.635	0	-.003	0
3737		2	0	.333	0	-.003	0	-2.271
3738		3	0	-.005	0	-.003	0	-3.027
3739		4	0	-.326	0	-.003	0	-2.258
3740		5	0	-.612	0	-.003	0	0
3741	4	M773	1	0	.689	0	0	0
3742		2	0	.367	0	0	0	-2.486
3743		3	0	.008	0	0	0	-3.38
3744		4	0	-.377	0	0	0	-2.519
3745		5	0	-.667	0	0	0	0
3746	4	M774	1	0	.597	0	.002	0
3747		2	0	.308	0	.002	0	-2.117
3748		3	0	0	0	.002	0	-2.842
3749		4	0	-.315	0	.002	0	-2.1
3750		5	0	-.584	0	.002	0	0
3751	4	M775	1	0	.653	0	.024	0
3752		2	0	.361	0	.024	0	-2.397
3753		3	0	.003	0	.024	0	-3.256
3754		4	0	-.348	0	.024	0	-2.45
3755		5	0	-.682	0	.024	0	0
3756	4	M776	1	0	.675	0	.018	0
3757		2	0	.34	0	.018	0	-2.375
3758		3	0	0	0	.018	0	-3.162
3759		4	0	-.342	0	.018	0	-2.372
3760		5	0	-.659	0	.018	0	0
3761	4	M777	1	0	.67	0	.004	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3762		2	0	.364	0	.004	0	-2.447
3763		3	0	-.003	0	.004	0	-3.296
3764		4	0	-.357	0	.004	0	-2.447
3765		5	0	-.691	0	.004	0	0
3766	4 M778	1	0	.655	0	-.007	0	0
3767		2	0	.346	0	-.007	0	-2.383
3768		3	0	-.017	0	-.007	0	-3.13
3769		4	0	-.333	0	-.007	0	-2.307
3770		5	0	-.644	0	-.007	0	0
3771	4 M779	1	0	.694	0	0	0	0
3772		2	0	.391	0	0	0	-1.961
3773		3	0	-.002	0	0	0	-2.638
3774		4	0	-.388	0	0	0	-1.951
3775		5	0	-.706	0	0	0	0
3776	4 M780	1	0	.14	0	-.065	0	0
3777		2	0	.076	0	-.065	0	-.127
3778		3	0	.001	0	-.065	0	-.171
3779		4	0	-.077	0	-.065	0	-.128
3780		5	0	-.137	0	-.065	0	0
3781	4 M781	1	0	.135	0	-.095	0	0
3782		2	0	.079	0	-.095	0	-.125
3783		3	0	.003	0	-.095	0	-.174
3784		4	0	-.079	0	-.095	0	-.13
3785		5	0	-.14	0	-.095	0	0
3786	4 M783	1	0	.16	0	-.12	0	0
3787		2	0	.101	0	-.12	0	-.155
3788		3	0	.007	0	-.12	0	-.219
3789		4	0	-.1	0	-.12	0	-.165
3790		5	0	-.177	0	-.12	0	0
3791	4 M784	1	0	.909	0	0	0	0
3792		2	0	.585	0	0	0	-3.532
3793		3	0	.227	0	0	0	-5.402
3794		4	0	-.113	0	0	-.001	-5.663
3795		5	0	-2.49	0	0	0	0
3796	4 M785	1	0	1.137	0	0	0	0
3797		2	0	.819	0	0	0	-4.581
3798		3	0	.468	0	0	0	-7.571
3799		4	0	-.857	0	0	0	-4.763
3800		5	0	-1.163	0	0	0	0
3801	4 M786	1	0	-.458	-.025	.048	.01	0
3802		2	1.597	3.766	-.002	-.003	-.013	-8.621
3803		3	1.598	.507	-.003	-.003	-.015	-21.147
3804		4	1.6	-3.656	-.003	.004	-.013	-9.486
3805		5	0	.453	.009	-.029	-.007	0
3806	4 M788A	1	.974	0	0	-.001	0	0
3807		2	.974	0	0	-.001	0	0
3808		3	.974	0	0	-.001	0	0
3809		4	.974	0	0	-.001	0	0
3810		5	.974	0	0	-.001	0	0
3811	4 M789	1	17.9	0	0	0	0	0
3812		2	17.9	0	0	0	0	0
3813		3	17.9	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3814		4	17.9	0	0	0	0	0
3815		5	17.9	0	0	0	0	0
3816	4	M790	1	9.766	0	0	0	0
3817		2	9.766	0	0	0	0	0
3818		3	9.766	0	0	0	0	0
3819		4	9.766	0	0	0	0	0
3820		5	9.766	0	0	0	0	0
3821	4	M791	1	0	5.356	0	0	5.614
3822		2	0	1.847	0	0	0	-3.103
3823		3	0	.082	0	0	0	-5.155
3824		4	0	-3.399	0	0	0	-.326
3825		5	0	-6.882	0	0	0	10.874
3826	4	M792	1	.243	0	0	0	0
3827		2	.243	0	0	0	0	0
3828		3	.243	0	0	0	0	0
3829		4	.243	0	0	0	0	0
3830		5	.243	0	0	0	0	0
3831	4	M793	1	0	.243	0	0	0
3832		2	0	-2.346	0	0	0	.798
3833		3	0	.553	0	0	0	1.375
3834		4	0	-.436	0	0	0	.96
3835		5	0	-4.41	0	0	0	5.614
3836	4	M794	1	0	.807	0	0	0
3837		2	0	.416	0	0	0	-3.482
3838		3	0	.016	0	0	0	-4.703
3839		4	0	-.423	0	0	0	-3.543
3840		5	0	-.83	0	0	0	0
3841	4	M796	1	0	.8	0	0	0
3842		2	0	.42	0	0	0	-3.515
3843		3	0	.006	0	0	0	-4.678
3844		4	0	-.414	0	0	0	-3.5
3845		5	0	-.839	0	0	0	0
3846	4	M800	1	0	.803	0	0	0
3847		2	0	.427	0	0	0	-3.537
3848		3	0	-.003	0	0	0	-4.735
3849		4	0	-.42	0	0	0	-3.53
3850		5	0	-.843	0	0	0	0
3851	4	M808	1	0	.809	0	0	0
3852		2	0	.412	0	0	0	-3.517
3853		3	0	-.002	0	0	0	-4.667
3854		4	0	-.412	0	0	0	-3.504
3855		5	0	-.834	0	0	0	0
3856	4	M824	1	0	.804	0	0	0
3857		2	0	.438	0	0	0	-3.577
3858		3	0	.001	0	0	0	-4.846
3859		4	0	-.43	0	0	0	-3.617
3860		5	0	-.848	0	0	0	0
3861	4	M856	1	0	.805	0	0	0
3862		2	0	.422	0	0	0	-3.512
3863		3	0	.001	0	0	0	-4.692
3864		4	0	-.417	0	0	0	-3.524
3865		5	0	-.836	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3866	4	M920	1	0	.8	0	0	0
3867			2	0	.416	0	0	-3.455
3868			3	0	.017	0	0	-4.668
3869			4	0	-.42	0	0	-3.542
3870			5	0	-.838	0	0	0
3871	4	M1048	1	0	.813	0	0	0
3872			2	0	.422	0	0	-3.531
3873			3	0	-.002	0	0	-4.73
3874			4	0	-.421	0	0	-3.54
3875			5	0	-.838	0	0	0
3876	4	M1304	1	0	.793	0	0	0
3877			2	0	.428	0	0	-3.542
3878			3	0	0	0	0	-4.749
3879			4	0	-.423	0	0	-3.549
3880			5	0	-.839	0	0	0
3881	4	M1816	1	0	.79	0	0	0
3882			2	0	.437	0	0	-3.545
3883			3	0	0	0	0	-4.812
3884			4	0	-.43	0	0	-3.567
3885			5	0	-.839	0	0	0
3886	4	M2840	1	0	1.254	0	0	0
3887			2	0	.697	0	0	-5.636
3888			3	0	.015	0	0	-7.626
3889			4	0	-.682	0	0	-5.757
3890			5	0	-1.369	0	0	0
3891	4	M805	1	0	.924	0	0	0
3892			2	0	.478	0	0	-4.312
3893			3	0	0	0	0	-5.742
3894			4	0	-.491	0	0	-4.268
3895			5	0	-.916	0	0	0
3896	4	M806	1	0	.859	0	0	0
3897			2	0	.455	0	0	-4.044
3898			3	0	.018	0	0	-5.462
3899			4	0	-.463	0	0	-4.133
3900			5	0	-.91	0	0	0
3901	4	M808A	1	0	.877	0	0	0
3902			2	0	.461	0	0	-4.1
3903			3	0	0	0	0	-5.493
3904			4	0	-.453	0	0	-4.131
3905			5	0	-.91	0	0	0
3906	4	M812	1	0	.899	0	0	0
3907			2	0	.449	0	0	-4.068
3908			3	0	0	0	0	-5.424
3909			4	0	-.449	0	0	-4.068
3910			5	0	-.895	0	0	0
3911	4	M820	1	0	.871	0	0	0
3912			2	0	.452	0	0	-4.048
3913			3	0	.002	0	0	-5.416
3914			4	0	-.449	0	0	-4.067
3915			5	0	-.899	0	0	0
3916	4	M836	1	0	.893	0	0	0
3917			2	0	.468	0	0	-4.188



**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3918		3	0	0	0	0	0	-5.599
3919		4	0	-.463	0	0	0	-4.22
3920		5	0	-.929	0	0	0	0
3921	4 M868	1	0	.923	0	0	0	0
3922		2	0	.482	0	0	0	-4.281
3923		3	0	0	0	0	0	-5.739
3924		4	0	-.48	0	0	0	-4.298
3925		5	0	-.946	0	0	0	0
3926	4 M932	1	0	.527	0	0	0	0
3927		2	0	.269	0	0	0	-2.418
3928		3	0	0	0	0	0	-3.235
3929		4	0	-.269	0	0	0	-2.426
3930		5	0	-.529	0	0	0	0
3931	4 M817	1	0	.184	0	0	0	0
3932		2	0	.108	0	0	0	-.201
3933		3	0	0	0	0	0	-.275
3934		4	0	-.1	0	0	0	-.205
3935		5	0	-.215	0	0	0	0
3936	4 M818	1	0	.165	0	0	0	0
3937		2	0	.096	0	0	0	-.18
3938		3	0	.002	0	0	0	-.247
3939		4	0	-.089	0	0	0	-.189
3940		5	0	-.197	0	0	0	0
3941	4 M820A	1	0	.177	0	0	0	0
3942		2	0	.097	0	0	0	-.19
3943		3	0	.003	0	0	0	-.258
3944		4	0	-.093	0	0	0	-.198
3945		5	0	-.201	0	0	0	0
3946	4 M824A	1	0	.175	0	0	0	0
3947		2	0	.1	0	0	0	-.192
3948		3	0	.002	0	0	0	-.262
3949		4	0	-.094	0	0	0	-.2
3950		5	0	-.205	0	0	0	0
3951	4 M832	1	0	.215	0	0	0	0
3952		2	0	.102	0	0	0	-.211
3953		3	0	0	0	0	0	-.279
3954		4	0	-.101	0	0	0	-.211
3955		5	0	-.216	0	0	0	0
3956	4 M833	1	0	.169	0	0	0	0
3957		2	0	.099	0	0	0	-.183
3958		3	0	.002	0	0	0	-.254
3959		4	0	-.091	0	0	0	-.193
3960		5	0	-.206	0	0	0	0
3961	4 M835	1	0	.165	0	0	0	0
3962		2	0	.103	0	0	0	-.185
3963		3	0	.002	0	0	0	-.259
3964		4	0	-.093	0	0	0	-.196
3965		5	0	-.208	0	0	0	0
3966	4 M839	1	0	.172	0	0	0	0
3967		2	0	.098	0	0	0	-.186
3968		3	0	.003	0	0	0	-.256
3969		4	0	-.092	0	0	0	-.196

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
3970		5	0	-.204	0	0	0	0
3971	4	M847	1	0	.176	0	0	0
3972		2	0	.107	0	0	0	-.2
3973		3	0	.004	0	0	0	-.275
3974		4	0	-.1	0	0	0	-.211
3975		5	0	-.209	0	0	0	0
3976	4	M863	1	0	.186	0	0	0
3977		2	0	.103	0	0	0	-.197
3978		3	0	.006	0	0	0	-.272
3979		4	0	-.102	0	0	0	-.207
3980		5	0	-.2	0	0	0	0
3981	4	M895	1	0	.172	0	0	0
3982		2	0	.096	0	0	0	-.183
3983		3	0	.004	0	0	0	-.252
3984		4	0	-.093	0	0	0	-.191
3985		5	0	-.189	0	0	0	0
3986	4	M959	1	0	.115	0	0	0
3987		2	0	.064	0	0	0	-.123
3988		3	0	.001	0	0	0	-.168
3989		4	0	-.062	0	0	0	-.126
3990		5	0	-.125	0	0	0	0
3991	4	M828	1	0	1.599	0	0	0
3992		2	0	.9	0	0	0	-8.366
3993		3	0	-.547	0	0	0	-9.031
3994		4	0	-.749	0	0	0	-5.128
3995		5	0	-.949	0	0	0	0
3996	4	M829	1	0	4.203	0	0	0
3997		2	0	.81	0	0	0	-1.371
3998		3	0	.105	0	0	0	-1.71
3999		4	0	-.618	0	0	0	-1.201
4000		5	0	-1.145	0	0	0	0
4001	4	M830	1	0	1.826	0	0	0
4002		2	0	.362	0	0	0	-.698
4003		3	0	.027	0	0	0	-.81
4004		4	0	-.269	0	0	0	-.547
4005		5	0	-.456	0	0	0	0
4006	4	M828A	1	0	.111	0	-.058	0
4007		2	0	.066	0	-.058	0	-.105
4008		3	0	0	0	-.058	0	-.143
4009		4	0	-.066	0	-.058	0	-.105
4010		5	0	-.111	0	-.058	0	0
4011	4	M829A	1	0	.146	0	-.063	0
4012		2	0	.091	0	-.063	0	-.14
4013		3	0	0	0	-.063	0	-.194
4014		4	0	-.091	0	-.063	0	-.14
4015		5	0	-.146	0	-.063	0	0
4016	4	M830A	1	0	.162	0	-.07	0
4017		2	0	.092	0	-.07	0	-.149
4018		3	0	0	0	-.07	0	-.202
4019		4	0	-.092	0	-.07	0	-.148
4020		5	0	-.159	0	-.07	0	0
4021	4	M831	1	0	.449	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
4022		2	0	.245	0	0	0	-1.363
4023		3	0	.002	0	0	0	-1.83
4024		4	0	-.238	0	0	0	-1.384
4025		5	0	-.48	0	0	0	0
4026	4 M832A	1	0	.567	0	0	0	0
4027		2	0	.304	0	0	0	-1.69
4028		3	0	.005	0	0	0	-2.278
4029		4	0	-.297	0	0	0	-1.724
4030		5	0	-.607	0	0	0	0
4031	4 M833A	1	0	.517	0	0	0	0
4032		2	0	.29	0	0	0	-1.588
4033		3	0	0	0	0	0	-2.141
4034		4	0	-.281	0	0	0	-1.602
4035		5	0	-.548	0	0	0	0
4036	4 M833B	1	0	.796	0	-.073	0	0
4037		2	0	.41	0	-.073	0	-.691
4038		3	0	.059	0	-.073	0	-.954
4039		4	0	-.311	0	-.073	0	-.837
4040		5	0	-1.321	0	-.073	0	0
4041	4 M834	1	0	3.237	0	0	0	0
4042		2	0	1.181	0	0	0	-7.954
4043		3	0	-.017	0	0	0	-10.15
4044		4	0	-1.359	0	0	0	-7.567
4045		5	0	-2.538	0	0	0	0
4046	4 M835A	1	21.695	0	0	0	0	0
4047		2	21.695	0	0	0	0	0
4048		3	21.695	0	0	0	0	0
4049		4	21.695	0	0	0	0	0
4050		5	21.695	0	0	0	0	0
4051	4 M832B	1	-.439	0	0	0	0	0
4052		2	-.439	0	0	0	0	0
4053		3	-.439	0	0	0	0	0
4054		4	-.439	0	0	0	0	0
4055		5	-.439	0	0	0	0	0
4056	4 M833C	1	-.636	0	0	0	0	0
4057		2	-.636	0	0	0	0	0
4058		3	-.636	0	0	0	0	0
4059		4	-.636	0	0	0	0	0
4060		5	-.636	0	0	0	0	0
4061	4 M834A	1	1.939	0	0	0	0	0
4062		2	1.939	0	0	0	0	0
4063		3	1.939	0	0	0	0	0
4064		4	1.939	0	0	0	0	0
4065		5	1.939	0	0	0	0	0
4066	4 M835B	1	6.499	0	0	0	0	0
4067		2	6.499	0	0	0	0	0
4068		3	6.499	0	0	0	0	0
4069		4	6.499	0	0	0	0	0
4070		5	6.499	0	0	0	0	0
4071	4 M836A	1	0	-.211	0	0	0	0
4072		2	0	-.309	0	0	0	.414
4073		3	0	-.127	0	0	0	.906

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
4074		4	0	-.127	0	0	0	1.125
4075		5	0	-6.556	0	0	0	0
4076	4	M837	1	3.054	0	0	-.004	0
4077		2	3.054	0	0	-.004	0	0
4078		3	3.054	0	0	-.004	0	0
4079		4	3.054	0	0	-.004	0	0
4080		5	3.054	0	0	-.004	0	0
4081	4	M838	1	.038	0	0	0	0
4082		2	.038	0	0	0	0	0
4083		3	.038	0	0	0	0	0
4084		4	.038	0	0	0	0	0
4085		5	.038	0	0	0	0	0
4086	4	M839A	1	8.338	0	0	.012	0
4087		2	8.338	0	0	.012	0	0
4088		3	8.338	0	0	.012	0	0
4089		4	8.338	0	0	.012	0	0
4090		5	8.338	0	0	.012	0	0
4091	4	M840	1	11.351	0	0	.008	0
4092		2	11.351	0	0	.008	0	0
4093		3	11.351	0	0	.008	0	0
4094		4	11.351	0	0	.008	0	0
4095		5	11.351	0	0	.008	0	0
4096	4	M838A	1	-1.332	0	0	.007	0
4097		2	-1.332	0	0	.007	0	0
4098		3	-1.332	0	0	.007	0	0
4099		4	-1.332	0	0	.007	0	0
4100		5	-1.332	0	0	.007	0	0
4101	4	M839B	1	.006	.389	.004	0	0
4102		2	.006	.381	.004	0	.004	-.349
4103		3	.006	.202	.004	0	.006	-.679
4104		4	.005	-.721	-.008	0	.007	-.668
4105		5	.005	-.762	-.008	0	0	0
4106	4	M840A	1	0	-.199	-.002	0	0
4107		2	0	.317	0	0	-.002	.134
4108		3	0	.285	0	0	-.002	-.212
4109		4	0	-.067	.003	0	0	-.313
4110		5	0	-.502	-.002	0	0	0
4111	4	M841	1	.64	0	0	0	0
4112		2	.64	0	0	0	0	0
4113		3	.64	0	0	0	0	0
4114		4	.64	0	0	0	0	0
4115		5	.64	0	0	0	0	0
4116	4	M842	1	.735	0	0	0	0
4117		2	.735	0	0	0	0	0
4118		3	.735	0	0	0	0	0
4119		4	.735	0	0	0	0	0
4120		5	.735	0	0	0	0	0
4121	4	M844	1	.765	0	0	0	0
4122		2	.765	0	0	0	0	0
4123		3	.765	0	0	0	0	0
4124		4	.765	0	0	0	0	0
4125		5	.765	0	0	0	0	0

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
4126	4	M848	1	.776	0	0	0	0
4127			2	.776	0	0	0	0
4128			3	.776	0	0	0	0
4129			4	.776	0	0	0	0
4130			5	.776	0	0	0	0
4131	4	M856A	1	.763	0	0	0	0
4132			2	.763	0	0	0	0
4133			3	.763	0	0	0	0
4134			4	.763	0	0	0	0
4135			5	.763	0	0	0	0
4136	4	M872	1	.727	0	0	0	0
4137			2	.727	0	0	0	0
4138			3	.727	0	0	0	0
4139			4	.727	0	0	0	0
4140			5	.727	0	0	0	0
4141	4	M904	1	.655	0	0	0	0
4142			2	.655	0	0	0	0
4143			3	.655	0	0	0	0
4144			4	.655	0	0	0	0
4145			5	.655	0	0	0	0
4146	4	M968	1	.542	0	0	0	0
4147			2	.542	0	0	0	0
4148			3	.542	0	0	0	0
4149			4	.542	0	0	0	0
4150			5	.542	0	0	0	0
4151	4	M1096	1	.433	0	0	0	0
4152			2	.433	0	0	0	0
4153			3	.433	0	0	0	0
4154			4	.433	0	0	0	0
4155			5	.433	0	0	0	0
4156	4	M1352	1	.497	0	0	0	0
4157			2	.497	0	0	0	0
4158			3	.497	0	0	0	0
4159			4	.497	0	0	0	0
4160			5	.497	0	0	0	0
4161	4	M1864	1	.811	0	0	0	0
4162			2	.811	0	0	0	0
4163			3	.811	0	0	0	0
4164			4	.811	0	0	0	0
4165			5	.811	0	0	0	0
4166	4	M1865	1	-.023	.267	0	.004	0
4167			2	-.023	.138	0	.004	-.524
4168			3	-.023	-.001	0	.004	-.699
4169			4	-.023	-.137	0	.004	-.52
4170			5	-.023	-.266	0	.004	0
4171	4	M1866	1	16.076	0	0	0	0
4172			2	16.076	0	0	0	0
4173			3	16.076	0	0	0	0
4174			4	16.076	0	0	0	0
4175			5	16.076	0	0	0	0
4176	4	M1867	1	0	1.488	0	0	0
4177			2	0	.024	0	0	-1.659

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
4178		3	0	-.015	0	0	0	-1.664
4179		4	0	-.653	0	0	0	-1.035
4180		5	0	-1.025	0	0	0	0
4181	4 M1868	1	1.281	0	0	0	0	0
4182		2	1.281	0	0	0	0	0
4183		3	1.281	0	0	0	0	0
4184		4	1.281	0	0	0	0	0
4185		5	1.281	0	0	0	0	0
4186	4 M1869	1	1.245	0	0	0	0	0
4187		2	1.245	0	0	0	0	0
4188		3	1.245	0	0	0	0	0
4189		4	1.245	0	0	0	0	0
4190		5	1.245	0	0	0	0	0
4191	4 M1869A	1	0	.982	0	0	0	0
4192		2	0	.962	0	0	0	-1.01
4193		3	0	.786	0	0	0	-1.737
4194		4	0	-1.245	0	0	0	-1.295
4195		5	0	-1.245	0	0	0	0
4196	4 M1870	1	0	.299	0	0	0	0
4197		2	0	.149	0	0	0	-.195
4198		3	0	.121	0	0	0	-.263
4199		4	0	-.74	0	0	0	-.376
4200		5	0	-.776	0	0	0	0
4201	4 M1871	1	1.473	0	0	0	0	0
4202		2	1.473	0	0	0	0	0
4203		3	1.473	0	0	0	0	0
4204		4	1.473	0	0	0	0	0
4205		5	1.473	0	0	0	0	0
4206	4 M859	1	6.617	-1.594	-.022	0	.233	-17.007
4207		2	6.617	-1.594	-.022	0	.175	-12.755
4208		3	6.617	-1.594	-.022	0	.117	-8.504
4209		4	6.617	-1.594	-.022	0	.058	-4.252
4210		5	6.617	-1.594	-.022	0	0	0
4211	4 M859A	1	6.482	1.601	-.013	0	.139	17.08
4212		2	6.482	1.601	-.013	0	.104	12.81
4213		3	6.482	1.601	-.013	0	.069	8.54
4214		4	6.482	1.601	-.013	0	.035	4.27
4215		5	6.482	1.601	-.013	0	0	0
4216	4 M844A	1	0	0	0	0	0	0
4217		2	-.007	.618	0	0	-.009	.463
4218		3	-.007	.247	0	0	-.006	-1.804
4219		4	-.007	-.194	0	0	-.003	-1.881
4220		5	-.007	-.54	0	0	0	0
4221	4 M846	1	0	0	0	0	0	0
4222		2	.006	.606	0	0	-.008	.289
4223		3	.006	.21	0	0	-.006	-1.809
4224		4	.006	-.183	0	0	-.003	-1.875
4225		5	.006	-.542	0	0	0	0
4226	4 M850	1	0	0	0	0	0	0
4227		2	.002	.608	0	0	-.008	.298
4228		3	.002	.214	0	0	-.006	-1.813
4229		4	.002	-.184	0	0	-.003	-1.899

**Member Section Forces (Continued)**

LC	Member Label	Sec	Axial[k]	y Shear[k]	z Shear[k]	Torque[k-ft]	y-y Moment[k-ft]	z-z Moment[k-ft]
4230		5	.002	-.51	0	0	0	0
4231	4 M858	1	0	0	0	0	0	0
4232		2	0	.587	0	0	-.008	.239
4233		3	0	.216	0	0	-.005	-1.805
4234		4	0	-.195	0	0	-.003	-1.855
4235		5	0	-.544	0	0	0	0
4236	4 M874	1	0	0	0	0	0	0
4237		2	0	.587	0	0	-.008	.239
4238		3	0	.216	0	0	-.005	-1.805
4239		4	0	-.195	0	0	-.003	-1.855
4240		5	0	-.544	0	0	0	0
4241	4 M906	1	0	0	0	0	0	0
4242		2	0	.587	0	0	-.008	.24
4243		3	0	.216	0	0	-.005	-1.805
4244		4	0	-.195	0	0	-.003	-1.855
4245		5	0	-.544	0	0	0	0
4246	4 M970	1	0	0	0	0	0	0
4247		2	0	.587	0	0	-.008	.241
4248		3	0	.216	0	0	-.005	-1.804
4249		4	0	-.195	0	0	-.003	-1.855
4250		5	0	-.544	0	0	0	0
4251	4 M1098	1	0	0	0	0	0	0
4252		2	0	.587	0	0	-.007	.24
4253		3	0	.216	0	0	-.005	-1.804
4254		4	0	-.195	0	0	-.002	-1.855
4255		5	0	-.544	0	0	0	0
4256	4 M1354	1	0	0	0	0	0	0
4257		2	0	.613	0	0	-.007	.297
4258		3	0	.217	0	0	-.005	-1.834
4259		4	0	-.183	0	0	-.002	-1.93
4260		5	0	-.531	0	0	0	0
4261	4 M1866A	1	0	0	0	0	0	0
4262		2	.004	.595	0	0	-.007	.295
4263		3	.004	.227	0	0	-.005	-1.864
4264		4	.004	-.203	0	0	-.002	-1.86
4265		5	.004	-.537	0	0	0	0
4266	4 M2890	1	0	0	0	0	0	0
4267		2	-.003	.613	0	0	-.007	.386
4268		3	-.003	.239	0	0	-.005	-1.85
4269		4	-.003	-.199	0	0	-.002	-1.89
4270		5	-.003	-.539	0	0	0	0
4271	4 M4938	1	0	0	0	0	0	0
4272		2	.009	.296	0	0	-.007	.174
4273		3	.009	.129	0	0	-.004	-.921
4274		4	.009	-.106	0	0	-.002	-.966
4275		5	.009	-.287	0	0	0	0

**Beam Deflections**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
1	4	M1	1	19.083	0	NC
2	4	M2	1	11.25	-.605	446
3	4	M3	1	.766	.016	729
4			2	12.25	-.603	467
5	4	M4	1	10.444	-.152	1680
6	4	M5	1	6.234	0	NC
7	4	M6	1	2.656	0	NC
8			2	3.542	.002	5827
9			3	5.49	0	NC
10			4	6.198	0	NC
11			5	7.438	0	NC
12			6	8.5	0	NC
13			7	9.385	0	NC
14			8	10.448	0	NC
15			9	11.333	-.002	6555
16			10	11.688	-.002	5610
17			11	12.573	-.002	7540
18			12	17	0	NC
19	4	M7	1	10.667	-.288	889
20	4	M8	1	5.792	-.026	5377
21	4	M9	1	3.972	0	NC
22			2	15.708	0	NC
23			3	17.333	0	NC
24	4	M10	1	6.042	-.03	4883
25	4	M11	1	9.25	-.162	1369
26	4	M12	1	26.333	0	NC
27	4	M13	1	6.168	-.034	4322
28	4	M14	1	12.885	-.626	464
29	4	M15	1	5	0	NC
30	4	M16	1	4.5	0	NC
31	4	M17	1	2.167	-.006	8224
32	4	M18	1	5.125	-.016	7722
33	4	M19	1	11.911	-.097	2681
34	4	M20	1	4.333	0	NC
35	4	M21	1	4.583	0	NC
36	4	M22	1	11	-.266	994
37	4	M23	1	7.292	-.064	2742
38	4	M24	1	11.778	-.149	1716
39	4	M25	1	7.292	-.062	2839
40	4	M26	1	5.125	-.016	7892
41	4	M27	1	9.25	-.162	1369
42	4	M28	1	6.042	-.03	4883
43	4	M29	1	10.667	-.297	860
44	4	M30	1	10.667	-.288	889
45	4	M31	1	6.042	-.03	4883
46	4	M32	1	9.25	-.162	1369
47	4	M33	1	10.667	-.288	889
48	4	M34	1	6.042	-.03	4883
49	4	M35	1	9.25	-.162	1369
50	4	M36	1	10.667	-.288	889
51	4	M37	1	6.042	-.03	4808
52	4	M38	1	9.25	-.165	1347



**Beam Deflections (Continued)**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
53	4	M39	1	10.667	-.298	859
54	4	M40	1	6.042	-.031	4672
55	4	M41	1	9.25	-.165	1345
56	4	M42	1	10.667	-.261	982
57	4	M43	1	6.042	-.019	7824
58	4	M44	1	9.25	-.163	1361
59	4	M45	1	5	0	NC
60	4	M46	1	5	0	NC
61	4	M47	1	5	0	NC
62	4	M48	1	5	0	NC
63	4	M49	1	5	0	NC
64	4	M50	1	5	0	NC
65	4	M51	1	5	0	NC
66	4	M52	1	9.25	-.161	1380
67	4	M53	1	9.25	-.165	1342
68	4	M54	1	9.25	-.175	1265
69	4	M55	1	9.25	-.162	1369
70	4	M56	1	9.25	-.162	1369
71	4	M57	1	9.25	-.162	1369
72	4	M58	1	9.25	-.162	1369
73	4	M59	1	9.25	-.165	1347
74	4	M60	1	9.25	-.165	1347
75	4	M61	1	9.25	-.164	1352
76	4	M62	1	9.25	-.162	1373
77	4	M63	1	9.25	-.162	1367
78	4	M64	1	9.25	-.173	1286
79	4	M65	1	9.25	-.132	1687
80	4	M66	1	6.042	-.03	4883
81	4	M67	1	6.042	-.03	4883
82	4	M68	1	6.042	-.03	4883
83	4	M69	1	6.042	-.03	4883
84	4	M70	1	6.042	-.029	4967
85	4	M71	1	6.042	-.028	5150
86	4	M72	1	6.042	-.031	4620
87	4	M73	1	6.042	-.029	5084
88	4	M74	1	6.042	-.029	4942
89	4	M75	1	6.042	-.03	4866
90	4	M76	1	6.042	-.028	5223
91	4	M77	1	10.667	-.255	1004
92	4	M78	1	10.667	-.317	807
93	4	M79	1	11.87	-.16	1614
94	4	M80	1	10.667	-.294	870
95	4	M81	1	10.667	-.293	873
96	4	M82	1	10.667	-.316	810
97	4	M83	1	4.583	0	NC
98	4	M84	1	4.583	0	NC
99	4	M85	1	4.583	0	NC
100	4	M86	1	4.583	0	NC
101	4	M87	1	4.583	0	NC
102	4	M88	1	4.583	0	NC
103	4	M89	1	4.583	0	NC
104	4	M90	1	4.583	0	NC

**Beam Deflections (Continued)**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
105	4	M91	1	4.583	0	NC
106	4	M92	1	4.583	0	NC
107	4	M93	1	4.583	0	NC
108	4	M94	1	4.583	0	NC
109	4	M95	1	4.583	0	NC
110	4	M96	1	4.583	0	NC
111	4	M97	1	7.292	-.083	2113
112	4	M98	1	5.125	-.013	9547
113	4	M99	1	3.917	0	NC
114			2	4	0	NC
115	4	M100	1	5.375	-.016	8014
116	4	M101	1	5.375	-.017	7549
117	4	M102	1	5.375	-.019	6801
118	4	M103	1	5.375	-.054	2372
119	4	M104	1	5.125	-.015	8115
120	4	M105	1	7.292	-.064	2722
121	4	M106	1	5.125	-.015	8030
122	4	M107	1	7.292	-.064	2728
123	4	M108	1	5.125	-.015	8116
124	4	M109	1	7.292	-.063	2769
125	4	M110	1	5.125	-.015	8081
126	4	M111	1	7.292	-.062	2805
127	4	M112	1	5.125	-.015	8275
128	4	M113	1	7.292	-.062	2805
129	4	M114	1	5.125	-.015	7994
130	4	M115	1	7.292	-.062	2805
131	4	M116	1	5.125	-.015	8335
132	4	M117	1	7.292	-.063	2771
133	4	M118	1	5.125	-.015	8258
134	4	M119	1	7.292	-.064	2739
135	4	M120	1	5.125	-.016	7889
136	4	M121	1	7.292	-.067	2628
137	4	M122	1	5.125	-.013	9117
138	4	M123	1	7.292	-.062	2838
139	4	M124	1	5.125	-.013	9313
140	4	M125	1	7.292	-.036	4817
141	4	M126	1	5.375	-.055	2337
142	4	M127	1	5.375	-.019	6887
143	4	M128	1	5.375	-.017	7490
144	4	M129	1	5.375	-.018	7313
145	4	M130	1	5.375	-.018	7283
146	4	M131	1	5.375	-.018	7153
147	4	M132	1	2.5	0	NC
148			2	6.667	0	NC
149	4	M133	1	4.036	0	NC
150			2	15.5	0	NC
151	4	M134	1	4.75	0	NC
152	4	M135	1	4.75	0	NC
153	4	M136	1	5.375	-.018	7059
154	4	M137	1	4.75	0	NC
155	4	M138	1	5.375	-.018	7134
156	4	M139	1	4.75	0	NC

**Beam Deflections (Continued)**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
157	4	M140	1	5.375	-.019	6942
158	4	M141	1	4.75	0	NC
159	4	M142	1	5.375	-.018	7275
160	4	M143	1	4.75	0	NC
161	4	M144	1	5.375	-.019	6706
162	4	M145	1	4.75	0	NC
163	4	M146	1	5.375	-.018	7017
164	4	M147	1	4.75	0	NC
165	4	M148	1	8	0	NC
166	4	M149	1	5.5	0	NC
167	4	M150	1	5.63	-.025	5483
168	4	M151	1	2	0	NC
169	4	M152	1	3	0	NC
170	4	M153	1	3	0	NC
171	4	M154	1	3	0	NC
172	4	M155	1	3	0	NC
173	4	M156	1	3	0	NC
174	4	M157	1	3	0	NC
175	4	M158	1	3	0	NC
176	4	M159	1	3	0	NC
177	4	M160	1	2.5	0	NC
178	4	M161	1	2.5	0	NC
179	4	M162	1	2.5	0	NC
180	4	M163	1	2.5	0	NC
181	4	M164	1	2.5	0	NC
182	4	M165	1	5.712	-.069	2017
183	4	M166	1	10.25	0	NC
184	4	M167	1	5.792	-.024	5726
185	4	M168	1	5.792	-.022	6363
186	4	M169	1	5.792	-.024	5689
187	4	M170	1	5.792	-.024	5678
188	4	M171	1	5.792	-.023	6028
189	4	M172	1	3.499	.018	7831
190	4	M173	1	5.792	-.025	5525
191	4	M174	1	5.792	-.026	5357
192	4	M175	1	5.792	-.023	6164
193	4	M176	1	5.792	-.025	5650
194	4	M177	1	5.671	-.019	7275
195	4	M178	1	4.667	0	NC
196	4	M179	1	4.667	0	NC
197	4	M180	1	4.667	0	NC
198	4	M181	1	13.29	-.038	6254
199	4	M182	1	2.167	0	NC
200	4	M183	1	3.833	0	NC
201	4	M184	1	6.234	0	NC
202	4	M185	1	6.013	0	NC
203	4	M186	1	5.729	0	NC
204	4	M187	1	5.315	0	NC
205	4	M188	1	4.75	0	NC
206	4	M189	1	2.5	0	NC
207	4	M190	1	2.5	0	NC
208	4	M191	1	2.5	0	NC

**Beam Deflections (Continued)**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
209	4	M192	1	2.5	0	NC
210	4	M193	1	2.5	0	NC
211	4	M194	1	2.167	0	NC
212	4	M195	1	2	0	NC
213	4	M196	1	2.25	.007	6452
214	4	M197	1	6.234	0	NC
215	4	M198	1	6.013	0	NC
216	4	M199	1	5.729	0	NC
217	4	M200	1	5.315	0	NC
218	4	M201	1	4.75	0	NC
219	4	M202	1	2.5	0	NC
220	4	M203	1	2.5	0	NC
221	4	M204	1	2.5	0	NC
222	4	M205	1	2.5	0	NC
223	4	M206	1	2.5	0	NC
224	4	M207	1	4	0	NC
225	4	M208	1	4	0	NC
226	4	M209	1	4	0	NC
227	4	M210	1	4	0	NC
228	4	M211	1	4	0	NC
229	4	M212	1	4	0	NC
230	4	M213	1	4	0	NC
231	4	M214	1	4	0	NC
232	4	M230	1	2.67	0	NC
233			2	19.714	.361	1027
234	4	M232	1	1	0	NC
235	4	M233	1	4.333	0	NC
236	4	M234	1	5.667	0	NC
237	4	M235	1	2.25	0	NC
238	4	M236	1	2.227	0	NC
239			2	7.969	0	NC
240			3	9.961	0	NC
241	4	M237	1	2	0	NC
242	4	M238	1	1.917	0	NC
243	4	M239	1	2	0	NC
244	4	M241	1	4.583	0	NC
245	4	M242	1	2.833	0	NC
246	4	M243	1	2	0	NC
247	4	M244	1	8	0	NC
248	4	M245	1	3.724	0	NC
249			2	5.5	0	NC
250	4	M246	1	1.25	0	NC
251	4	M247	1	15.083	0	NC
252	4	M248	1	1.75	0	NC
253	4	M249	1	.351	0	NC
254			2	1.666	0	NC
255			3	3.069	0	NC
256			4	4.384	0	NC
257			5	5.699	0	NC
258			6	7.014	0	NC
259			7	8.417	0	NC
260	4	M250	1	.583	0	NC

**Beam Deflections (Continued)**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
261	4	M251	1	1	0	NC
262			2	2.333	0	NC
263			3	2.667	0	NC
264	4	M252	1	.38	0	NC
265			2	1.711	0	NC
266			3	3.042	0	NC
267			4	4.372	0	NC
268			5	5.703	0	NC
269			6	6.083	0	NC
270	4	M253	1	2.333	0	NC
271	4	M254	1	1.167	0	NC
272	4	M255	1	1.398	0	NC
273			2	2.734	0	NC
274			3	4.071	0	NC
275			4	5.833	0	NC
276	4	M256	1	10.667	0	NC
277	4	M257	1	10.667	0	NC
278	4	M258	1	10.667	0	NC
279	4	M259	1	10.667	0	NC
280	4	M260	1	10.667	0	NC
281	4	M261	1	10.667	0	NC
282	4	M262	1	10.667	0	NC
283	4	M263	1	10.667	0	NC
284	4	M264	1	10.667	0	NC
285	4	M265	1	10.667	0	NC
286	4	M266	1	10.667	0	NC
287	4	M267	1	10.667	0	NC
288	4	M268	1	10.667	0	NC
289	4	M269	1	10.667	0	NC
290	4	M270	1	10.667	0	NC
291	4	M271	1	10.667	0	NC
292	4	M272	1	10.667	0	NC
293	4	M273	1	10.667	0	NC
294	4	M274	1	10.667	0	NC
295	4	M275	1	10.667	0	NC
296	4	M276	1	10.667	0	NC
297	4	M277	1	10.667	0	NC
298	4	M278	1	10.667	0	NC
299	4	M280	1	10.667	0	NC
300	4	M281	1	10.667	0	NC
301	4	M282	1	10.667	0	NC
302	4	M283	1	10.667	0	NC
303	4	M284	1	10.667	0	NC
304	4	M286	1	10.667	0	NC
305	4	M288	1	10.667	0	NC
306	4	M289	1	10.667	0	NC
307	4	M290	1	10.667	0	NC
308	4	M291	1	10.667	0	NC
309	4	M292	1	10.667	0	NC
310	4	M293	1	10.667	0	NC
311	4	M294	1	10.667	0	NC
312	4	M295	1	10.667	0	NC

**Beam Deflections (Continued)**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
313	4	M296	1	10.667	0	NC
314	4	M297	1	10.667	0	NC
315	4	M298	1	10.667	0	NC
316	4	M299	1	10.667	0	NC
317	4	M300	1	10.667	0	NC
318	4	M301	1	10.667	0	NC
319	4	M302	1	10.667	0	NC
320	4	M303	1	10.667	0	NC
321	4	M304	1	10.667	0	NC
322	4	M305	1	10.667	0	NC
323	4	M306	1	10.667	0	NC
324	4	M307	1	10.667	0	NC
325	4	M308	1	10.667	0	NC
326	4	M309	1	10.667	0	NC
327	4	M310	1	10.667	0	NC
328	4	M311	1	10.667	0	NC
329	4	M312	1	10.667	0	NC
330	4	M316	1	10.667	0	NC
331	4	M317	1	10.667	0	NC
332	4	M318	1	10.667	0	NC
333	4	M319	1	10.667	0	NC
334	4	M320	1	10.667	0	NC
335	4	M321	1	10.667	0	NC
336	4	M322	1	10.667	0	NC
337	4	M323	1	10.667	0	NC
338	4	M324	1	10.667	0	NC
339	4	M325	1	10.667	0	NC
340	4	M328	1	10.667	0	NC
341	4	M329	1	10.667	0	NC
342	4	M330	1	10.667	0	NC
343	4	M331	1	10.667	0	NC
344	4	M332	1	10.667	0	NC
345	4	M333	1	10.667	0	NC
346	4	M334	1	10.667	0	NC
347	4	M335	1	10.667	0	NC
348	4	M336	1	10.667	0	NC
349	4	M337	1	10.667	0	NC
350	4	M338	1	10.667	0	NC
351	4	M339	1	10.667	0	NC
352	4	M340	1	10.667	0	NC
353	4	M341	1	10.667	0	NC
354	4	M342	1	10.667	0	NC
355	4	M343	1	10.667	0	NC
356	4	M344	1	10.667	0	NC
357	4	M345	1	10.667	0	NC
358	4	M346	1	10.667	0	NC
359	4	M347	1	10.667	0	NC
360	4	M348	1	10.667	0	NC
361	4	M349	1	10.667	0	NC
362	4	M350	1	10.667	0	NC
363	4	M351	1	10.667	0	NC
364	4	M352	1	10.667	0	NC

**Beam Deflections (Continued)**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
365	4	M353	1	10.667	0	NC
366	4	M354	1	10.667	0	NC
367	4	M355	1	10.667	0	NC
368	4	M356	1	10.667	0	NC
369	4	M357	1	10.667	0	NC
370	4	M358	1	10.667	0	NC
371	4	M359	1	10.667	0	NC
372	4	M360	1	10.667	0	NC
373	4	M361	1	10.667	0	NC
374	4	M362	1	10.667	0	NC
375	4	M363	1	10.667	0	NC
376	4	M364	1	10.667	0	NC
377	4	M365	1	10.667	0	NC
378	4	M366	1	10.667	0	NC
379	4	M367	1	10.667	0	NC
380	4	M368	1	10.667	0	NC
381	4	M369	1	10.667	0	NC
382	4	M370	1	10.667	0	NC
383	4	M371	1	10.667	0	NC
384	4	M372	1	10.667	0	NC
385	4	M373	1	10.667	0	NC
386	4	M374	1	10.667	0	NC
387	4	M375	1	10.667	0	NC
388	4	M376	1	10.667	0	NC
389	4	M377	1	10.667	0	NC
390	4	M378	1	10.667	0	NC
391	4	M379	1	10.667	0	NC
392	4	M380	1	10.667	0	NC
393	4	M381	1	10.667	0	NC
394	4	M382	1	10.667	0	NC
395	4	M383	1	10.667	0	NC
396	4	M384	1	10.667	0	NC
397	4	M385	1	10.667	0	NC
398	4	M386	1	10.667	0	NC
399	4	M387	1	10.667	0	NC
400	4	M388	1	10.667	0	NC
401	4	M389	1	10.667	0	NC
402	4	M390	1	10.667	0	NC
403	4	M391	1	10.667	0	NC
404	4	M392	1	10.667	0	NC
405	4	M393	1	10.667	0	NC
406	4	M394	1	10.667	0	NC
407	4	M395	1	10.667	0	NC
408	4	M396	1	10.667	0	NC
409	4	M397	1	10.667	0	NC
410	4	M398	1	10.667	0	NC
411	4	M399	1	10.667	0	NC
412	4	M400	1	10.667	0	NC
413	4	M401	1	10.667	0	NC
414	4	M402	1	10.667	0	NC
415	4	M403	1	10.667	0	NC
416	4	M404	1	10.667	0	NC

**Beam Deflections (Continued)**

LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
417	M405	1	10.667	0	NC
418	M406	1	10.667	0	NC
419	M407	1	10.667	0	NC
420	M408	1	10.667	0	NC
421	M409	1	10.667	0	NC
422	M410	1	10.667	0	NC
423	M411	1	10.667	0	NC
424	M412	1	10.667	0	NC
425	M413	1	10.667	0	NC
426	M414	1	10.667	0	NC
427	M415	1	10.667	0	NC
428	M416	1	10.667	0	NC
429	M417	1	10.667	0	NC
430	M418	1	10.667	0	NC
431	M419	1	10.667	0	NC
432	M420	1	10.667	0	NC
433	M421	1	10.667	0	NC
434	M422	1	10.667	0	NC
435	M423	1	10.667	0	NC
436	M424	1	10.667	0	NC
437	M425	1	10.667	0	NC
438	M426	1	10.667	0	NC
439	M427	1	3.917	0	NC
440	M428	1	2	0	NC
441	M429	1	3.417	0	NC
442	M430	1	4	0	NC
443	M431	1	5.75	0	NC
444	M432	1	4	0	NC
445	M433	1	5.083	0	NC
446	M434	1	2	0	NC
447	M435	1	2	0	NC
448	M436	1	1.203	0	NC
449		2	1.5	0	NC
450	M437	1	2	0	NC
451		2	4	0	NC
452	M438	1	17	0	NC
453	M440	1	.99	.016	976
454		2	22.266	-.864	642
455	M441	1	3.542	.005	8183
456		2	8.854	-.104	1112
457		3	14.521	-.01	2742
458		4	15.76	-.006	2591
459	M442	1	21.516	0	NC
460		2	23.203	0	NC
461		3	27	0	NC
462		4	37.125	0	NC
463	M443	1	9.669	-.107	2212
464	M444	1	2	0	NC
465	M445	1	6.042	-.251	577
466	M446	1	7.25	-.026	6816
467	M447	1	13.858	-.062	4969
468	M448	1	6.583	-.114	1391



**Beam Deflections (Continued)**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
469	4	M449	1	0	-.091	1383
470			2	10.25	-.169	711
471	4	M450	1	13.217	-.432	652
472	4	M451	1	11.93	0	NC
473	4	M452	1	0	.069	4394
474			2	13.845	0	NC
475	4	M453	1	10.015	0	NC
476	4	M454	1	8.101	0	NC
477	4	M455	1	6.186	0	NC
478	4	M456	1	4.271	0	NC
479	4	M457	1	2.356	0	NC
480	4	M458	1	5.944	-.016	9226
481	4	M459	1	10.316	0	NC
482	4	M460	1	8.227	0	NC
483	4	M461	1	6.138	0	NC
484	4	M462	1	4.049	0	NC
485	4	M463	1	1.961	0	NC
486	4	M464	1	7.247	-.04	4296
487	4	M465	1	23.086	-.549	1076
488	4	M466	1	5.688	-.124	1259
489	4	M467	1	4.117	-.01	9782
490	4	M468	1	4.117	-.01	9598
491	4	M469	1	8.5	-.033	6269
492	4	M470	1	8.5	-.029	7090
493	4	M471	1	8.5	-.031	6602
494	4	M472	1	4.5	-.045	2387
495	4	M473	1	13.667	-.358	915
496	4	M474	1	13.667	-.324	1012
497	4	M475	1	1.139	.004	7607
498			2	27.333	.907	689
499	4	M476	1	23.134	-3.385	164
500	4	M477	1	22.264	-3.235	165
501	4	M478	1	24.394	-4.136	141
502	4	M479	1	25.924	-3.614	162
503	4	M480	1	23.128	-3.335	166
504	4	M481	1	23.605	-3.256	170
505	4	M482	1	23.6	-2.977	186
506	4	M483	1	23.568	-2.166	250
507	4	M484	1	15.5	0	NC
508	4	M485	1	16.333	0	NC
509	4	M486	1	9.667	0	NC
510	4	M487	1	9.667	0	NC
511	4	M488	1	9.667	0	NC
512	4	M489	1	6	0	NC
513	4	M490	1	6	0	NC
514	4	M491	1	24.833	0	NC
515	4	M492	1	17.25	0	NC
516	4	M493	1	9.057	-.095	2336
517	4	M494	1	7.167	0	NC
518	4	M495	1	6.042	-.018	7895
519	4	M496	1	9.25	-.037	6034
520	4	M497	1	2	0	NC

**Beam Deflections (Continued)**

LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
521	4 M498	1	14.625	-.059	5939
522	4 M499	1	8.865	-.033	6755
523	4 M500	1	11.505	-.167	1687
524	4 M501	1	2.167	-.005	9023
525	4 M502	1	7.824	0	NC
526	4 M503	1	14.625	-.626	561
527	4 M504	1	6.925	-.021	7746
528	4 M505	1	7.064	-.017	9191
529	4 M506	1	6.925	-.022	7348
530	4 M507	1	7.167	0	NC
531	4 M508	1	7.167	0	NC
532	4 M509	1	9.667	0	NC
533	4 M510	1	5.75	0	NC
534	4 M511	1	9.667	0	NC
535	4 M512	1	5.833	0	NC
536	4 M513	1	9.667	0	NC
537	4 M514	1	5.833	0	NC
538	4 M515	1	9.667	0	NC
539	4 M516	1	5.833	0	NC
540	4 M517	1	1.167	0	NC
541		2	3.25	0	NC
542		3	4.333	-.003	6876
543		4	6.25	-.003	7633
544		5	7.333	-.001	7424
545	4 M518	1	7.824	0	NC
546	4 M519	1	7.824	0	NC
547	4 M520	1	7.824	0	NC
548	4 M521	1	7.824	0	NC
549	4 M522	1	7.824	0	NC
550	4 M523	1	7.824	0	NC
551	4 M524	1	7.824	0	NC
552	4 M525	1	7.824	0	NC
553	4 M526	1	7.824	0	NC
554	4 M527	1	7.824	0	NC
555	4 M528	1	7.824	0	NC
556	4 M529	1	7.824	0	NC
557	4 M530	1	7.824	0	NC
558	4 M531	1	14.625	-.645	544
559	4 M532	1	14.625	-.605	580
560	4 M533	1	14.625	-.662	530
561	4 M534	1	14.625	-.678	518
562	4 M535	1	9.669	-.113	2098
563	4 M536	1	9.669	-.115	2057
564	4 M537	1	9.669	-.073	3246
565	4 M538	1	9.669	-.11	2149
566	4 M539	1	9.669	-.112	2112
567	4 M540	1	9.669	-.107	2217
568	4 M541	1	9.669	-.11	2147
569	4 M542	1	10.611	-.129	1978
570	4 M543	1	6	0	NC
571	4 M544	1	6	0	NC
572	4 M545	1	6	0	NC

**Beam Deflections (Continued)**

LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio	
573	4	M546	1	6	0	NC
574	4	M547	1	6	0	NC
575	4	M548	1	4.75	0	NC
576			2	6	0	NC
577	4	M549	1	6	0	NC
578	4	M550	1	6	0	NC
579	4	M551	1	6	0	NC
580	4	M552	1	6	0	NC
581	4	M553	1	6.042	-.018	8095
582	4	M554	1	6.042	-.018	7890
583	4	M555	1	6.925	-.021	7629
584	4	M556	1	6.042	-.018	8060
585	4	M557	1	6.925	-.019	8426
586	4	M558	1	6.042	-.017	8345
587	4	M559	1	6.042	-.018	7879
588	4	M560	1	6.042	-.018	8091
589	4	M561	1	6.042	-.019	7786
590	4	M562	1	6.042	-.018	8035
591	4	M563	1	12.083	0	NC
592	4	M564	1	4.432	-.032	3415
593	4	M565	1	11.75	-.193	1463
594	4	M566	1	11.75	-.197	1430
595	4	M567	1	11.75	-.196	1438
596	4	M568	1	11.75	-.172	1638
597	4	M569	1	2.25	0	NC
598	4	M570	1	3	0	NC
599	4	M571	1	2.5	0	NC
600	4	M572	1	6.925	-.018	9065
601	4	M573	1	5.25	-.042	3015
602	4	M574	1	1.333	0	NC
603	4	M575	1	2.167	0	NC
604	4	M576	1	1.333	0	NC
605	4	M577	1	5.75	0	NC
606	4	M578	1	2.167	0	NC
607	4	M579	1	3	0	NC
608	4	M580	1	1	0	NC
609	4	M581	1	2	0	NC
610	4	M582	1	2	0	NC
611	4	M583	1	1.203	0	NC
612			2	1.5	0	NC
613	4	M584	1	15.75	0	NC
614	4	M585	1	10.583	0	NC
615	4	M586	1	2	0	NC
616	4	M587	1	5.083	0	NC
617	4	M588	1	4	0	NC
618	4	M589	1	5.75	0	NC
619	4	M590	1	3.417	0	NC
620	4	M591	1	2	0	NC
621	4	M592	1	11.417	0	NC
622	4	M593	1	3.917	0	NC
623	4	M594	1	2.667	0	NC
624	4	M595	1	6.917	0	NC

**Beam Deflections (Continued)**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
625	4	M596	1	1.75	0	NC
626	4	M597	1	.63	0	NC
627			2	2.635	0	NC
628			3	5.5	0	NC
629	4	M598	1	2	0	NC
630	4	M599	1	10	0	NC
631	4	M600	1	10	0	NC
632	4	M601	1	10	0	NC
633	4	M602	1	10	0	NC
634	4	M603	1	10	0	NC
635	4	M604	1	10	0	NC
636	4	M605	1	10	0	NC
637	4	M606	1	10	0	NC
638	4	M607	1	10	0	NC
639	4	M608	1	10	0	NC
640	4	M609	1	10	0	NC
641	4	M610	1	10	0	NC
642	4	M611	1	10	0	NC
643	4	M612	1	10	0	NC
644	4	M613	1	10	0	NC
645	4	M614	1	10	0	NC
646	4	M615	1	10	0	NC
647	4	M616	1	10	0	NC
648	4	M617	1	10	0	NC
649	4	M618	1	10	0	NC
650	4	M619	1	10	0	NC
651	4	M620	1	10	0	NC
652	4	M621	1	10	0	NC
653	4	M622	1	10	0	NC
654	4	M623	1	10	0	NC
655	4	M624	1	10	0	NC
656	4	M625	1	10	0	NC
657	4	M626	1	10	0	NC
658	4	M627	1	10	0	NC
659	4	M628	1	10	0	NC
660	4	M629	1	10	0	NC
661	4	M630	1	10	0	NC
662	4	M631	1	10	0	NC
663	4	M632	1	10	0	NC
664	4	M633	1	10	0	NC
665	4	M634	1	10	0	NC
666	4	M635	1	10	0	NC
667	4	M636	1	10	0	NC
668	4	M638	1	10	0	NC
669	4	M639	1	10	0	NC
670	4	M640	1	10	0	NC
671	4	M641	1	10	0	NC
672	4	M642	1	10	0	NC
673	4	M643	1	10	0	NC
674	4	M644	1	10	0	NC
675	4	M645	1	10	0	NC
676	4	M646	1	10	0	NC

**Beam Deflections (Continued)**

LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
677	M647	1	10	0	NC
678	M648	1	10	0	NC
679	M649	1	10	0	NC
680	M651	1	10	0	NC
681	M652	1	10	0	NC
682	M653	1	10	0	NC
683	M654	1	10	0	NC
684	M655	1	10	0	NC
685	M657	1	10	0	NC
686	M658	1	10	0	NC
687	M659	1	10	0	NC
688	M660	1	10	0	NC
689	M661	1	10	0	NC
690	M662	1	10	0	NC
691	M663	1	10	0	NC
692	M664	1	10	0	NC
693	M666	1	10	0	NC
694	M667	1	10	0	NC
695	M668	1	10	0	NC
696	M669	1	10	0	NC
697	M670	1	10	0	NC
698	M671	1	10	0	NC
699	M672	1	10	0	NC
700	M673	1	10	0	NC
701	M674	1	10	0	NC
702	M675	1	10	0	NC
703	M676	1	10	0	NC
704	M677	1	10	0	NC
705	M678	1	10	0	NC
706	M679	1	10	0	NC
707	M680	1	10	0	NC
708	M681	1	10	0	NC
709	M682	1	10	0	NC
710	M683	1	10	0	NC
711	M684	1	10	0	NC
712	M685	1	10	0	NC
713	M686	1	10	0	NC
714	M687	1	10	0	NC
715	M688	1	10	0	NC
716	M689	1	10	0	NC
717	M690	1	10	0	NC
718	M691	1	10	0	NC
719	M692	1	10	0	NC
720	M693	1	10	0	NC
721	M694	1	10	0	NC
722	M695	1	10	0	NC
723	M696	1	10	0	NC
724	M697	1	10	0	NC
725	M698	1	10	0	NC
726	M699	1	10	0	NC
727	M700	1	10	0	NC
728	M701	1	10	0	NC

**Beam Deflections (Continued)**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
729	4	M702	1	10	0	NC
730	4	M703	1	10	0	NC
731	4	M704	1	10	0	NC
732	4	M705	1	10	0	NC
733	4	M706	1	10	0	NC
734	4	M707	1	10	0	NC
735	4	M708	1	10	0	NC
736	4	M709	1	10	0	NC
737	4	M710	1	10	0	NC
738	4	M712	1	10	0	NC
739	4	M713	1	10	0	NC
740	4	M715	1	10	0	NC
741	4	M716	1	10	0	NC
742	4	M718	1	1.333	0	NC
743	4	M744	1	10.667	0	NC
744	4	M749	1	9.75	-.038	6199
745	4	M750	1	9.75	-.036	6422
746	4	M751	1	5.916	-.358	405
747	4	M752	1	2.828	-.018	8222
748	4	M754	1	3	-.026	2804
749	4	M755	1	.981	0	NC
750			2	1.103	0	NC
751			3	2.329	0	NC
752			4	2.452	0	NC
753			5	3.637	0	NC
754			6	3.76	0	NC
755			7	3.923	0	NC
756	4	M756	1	.388	0	NC
757			2	.485	0	NC
758			3	1.699	0	NC
759			4	1.796	0	NC
760			5	3.01	0	NC
761			6	3.155	0	NC
762			7	4.369	0	NC
763			8	4.66	0	NC
764	4	M757	1	9.75	-.416	563
765	4	M758	1	9.75	-.416	563
766	4	M759	1	9.75	-.416	563
767	4	M760	1	9.75	-.416	563
768	4	M761	1	9.75	-.416	563
769	4	M762	1	9.75	-.416	563
770	4	M763	1	9.75	-.416	563
771	4	M764	1	9.75	-.428	547
772	4	M765	1	.655	0	NC
773			2	1.648	0	NC
774			3	2.167	0	NC
775	4	M766	1	11.25	-.709	381
776	4	M767	1	11.25	-.747	361
777	4	M768	1	11.25	-.717	376
778	4	M769	1	11.25	-.721	374
779	4	M770	1	9.292	-.357	624
780	4	M771	1	9.292	-.323	690

**Beam Deflections (Continued)**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
781	4	M773	1	9.292	-.359	621
782	4	M774	1	9.292	-.302	737
783	4	M775	1	9.292	-.347	643
784	4	M776	1	9.292	-.338	659
785	4	M777	1	9.292	-.351	635
786	4	M778	1	9.292	-.334	667
787	4	M779	1	7	-.159	1055
788	4	M780	1	4.583	0	NC
789	4	M781	1	4.583	0	NC
790	4	M783	1	4.583	0	NC
791	4	M784	1	9.872	-.224	995
792	4	M785	1	9.485	-.268	830
793	4	M788A	1	10.667	0	NC
794	4	M791	1	4.12	-.045	2400
795	4	M793	1	1.285	0	NC
796			2	2.185	0	NC
797			3	6.17	0	NC
798	4	M794	1	11.25	-.736	367
799	4	M796	1	11.25	-.733	368
800	4	M800	1	11.25	-.74	365
801	4	M808	1	11.25	-.732	368
802	4	M824	1	11.25	-.755	357
803	4	M856	1	11.25	-.735	367
804	4	M920	1	11.25	-.731	369
805	4	M1048	1	11.25	-.74	364
806	4	M1304	1	11.25	-.742	363
807	4	M1816	1	11.25	-.749	360
808	4	M2840	1	11.25	-1.193	226
809	4	M805	1	12.068	-1.033	280
810	4	M806	1	12.068	-.984	294
811	4	M808A	1	12.068	-.99	292
812	4	M812	1	12.068	-.978	296
813	4	M820	1	12.068	-.976	296
814	4	M836	1	12.068	-1.01	286
815	4	M868	1	12.068	-1.034	280
816	4	M932	1	12.068	-.583	497
817	4	M817	1	5.417	0	NC
818	4	M818	1	5.417	0	NC
819	4	M820A	1	5.417	0	NC
820	4	M824A	1	5.417	0	NC
821	4	M832	1	5.417	0	NC
822	4	M833	1	5.417	0	NC
823	4	M835	1	5.417	0	NC
824	4	M839	1	5.417	0	NC
825	4	M847	1	5.417	0	NC
826	4	M863	1	5.417	0	NC
827	4	M895	1	5.417	0	NC
828	4	M959	1	5.417	0	NC
829	4	M828	1	11.314	-.403	718
830	4	M829	1	2.46	-.011	5565
831	4	M830	1	5.003	0	NC
832	4	M828A	1	4.583	0	NC

**Beam Deflections (Continued)**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
833	4	M829A	1	4.583	0	NC
834	4	M830A	1	4.583	0	NC
835	4	M831	1	7.651	-.133	1384
836	4	M832A	1	7.651	-.165	1112
837	4	M833A	1	7.651	-.155	1187
838	4	M833B	1	2.339	-.006	8585
839	4	M834	1	7.651	-.743	247
840	4	M835A	1	9	0	NC
841	4	M832B	1	10.667	0	NC
842	4	M833C	1	10.667	0	NC
843	4	M834A	1	10.667	0	NC
844	4	M835B	1	10.667	0	NC
845	4	M836A	1	0	-.026	4905
846			2	5.98	0	NC
847	4	M837	1	10	0	NC
848	4	M838	1	10	0	NC
849	4	M839A	1	10.667	0	NC
850	4	M840	1	10.667	0	NC
851	4	M838A	1	10.667	0	NC
852	4	M839B	1	3.622	0	NC
853	4	M840A	1	1.098	0	NC
854			2	2.435	0	NC
855			3	3.772	0	NC
856			4	4.488	0	NC
857	4	M841	1	10.667	0	NC
858	4	M842	1	10.667	0	NC
859	4	M844	1	10.667	0	NC
860	4	M848	1	10.667	0	NC
861	4	M856A	1	10.667	0	NC
862	4	M872	1	10.667	0	NC
863	4	M904	1	10.667	0	NC
864	4	M968	1	10.667	0	NC
865	4	M1096	1	10.667	0	NC
866	4	M1352	1	10.667	0	NC
867	4	M1864	1	10.667	0	NC
868	4	M1865	1	5.125	-.014	9039
869	4	M1866	1	9	0	NC
870	4	M1867	1	1.098	0	NC
871			2	2.435	0	NC
872			3	3.772	0	NC
873			4	4.583	0	NC
874	4	M1869A	1	2.34	-.008	6289
875	4	M1870	1	2	0	NC
876	4	M1871	1	9	0	NC
877	4	M859	1	4.556	-.089	1431
878	4	M859A	1	4.556	.09	1425
879	4	M844A	1	0	-.019	5328
880			2	19.714	.701	529
881	4	M846	1	0	-.019	5310
882			2	19.714	.743	499
883	4	M850	1	0	-.019	5241
884			2	19.714	.745	498





Company :  
 Designer :  
 Job Number :  
 Model Name :

July 6, 2020  
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**Beam Deflections (Continued)**

	LC	Member Label	Span	Location [ft]	y' [in]	(n) L'/y' Ratio
885	4	M858	1	0	-.017	5884
886			2	19.714	.749	495
887	4	M874	1	0	-.017	5884
888			2	19.714	.749	495
889	4	M906	1	0	-.017	5884
890			2	19.714	.749	495
891	4	M970	1	0	-.017	5884
892			2	19.714	.748	496
893	4	M1098	1	0	-.017	5884
894			2	19.714	.749	495
895	4	M1354	1	0	-.019	5248
896			2	19.714	.756	491
897	4	M1866A	1	0	-.019	5357
898			2	19.714	.751	494
899	4	M2890	1	0	-.019	5324
900			2	19.714	.732	507
901	4	M4938	1	2.67	0	NC
902			2	19.714	.371	999