APPROVED

THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING DOCUMENTS MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

PCS Structural Solutions

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STRUCTURAL CALCULATIONS

FOR

MULTICARE-GSH CENTER WING
AHU REPLACEMENT
401 15TH AVE SE
PUYALLUP, WA 98372

PREPARED BY
PCS STRUCTURAL *SOLUTIONS*

OCTOBER 1, 2021
21-476

PCS Structural Solutions

Project: GOOD SAM Job No: 21476

Subject: _____ Sheet _____ Name: KDL

Originating Office: ☐ Seattle ☒ Tacoma ☐ Portland Date: 8-16-21

NARRATIVE

THE SCOPE OF WORK FOR THIS PROJECT WAS TO DESIGN A MECHANICAL PLATFORM FOR THE SUPPORT OF A NEW 30,000lb MECHANICAL UNIT AND CHECK THE EXISTING STRUCTURE FOR LOADS IMPOSED BY THE NEW MECHANICAL UNIT.

A RISA3D MODEL WAS USED TO MODEL THE EXISTING STRUCTURE AND NEW PLATFORM. THE MODEL WAS LOADED WITH EXISTING DEAD AND LIVE LOADS DETERMINED FROM THE EXISTING DRAWINGS AND THE MECHANICAL PLATFORM WAS LOADED WITH THE WEIGHT OF THE UNIT AND GRATING AS WELL AS LATERAL SEISMIC LOADING.

THE PLATFORM IS SUPPORTED FROM (4) COLUMNS AT GRIDS 4B, 4C, 5B & 5C. THE COLUMNS WERE CHECKED THROUGHOUT THE FULL HEIGHT FOR THE CRITICAL COMBINATION OF LOADS. THE EXISTING COLUMNS ARE ADEQUATE TO SUPPORT THE NEW PLATFORM AND MECHANICAL UNIT.

PCS Structural Solutions

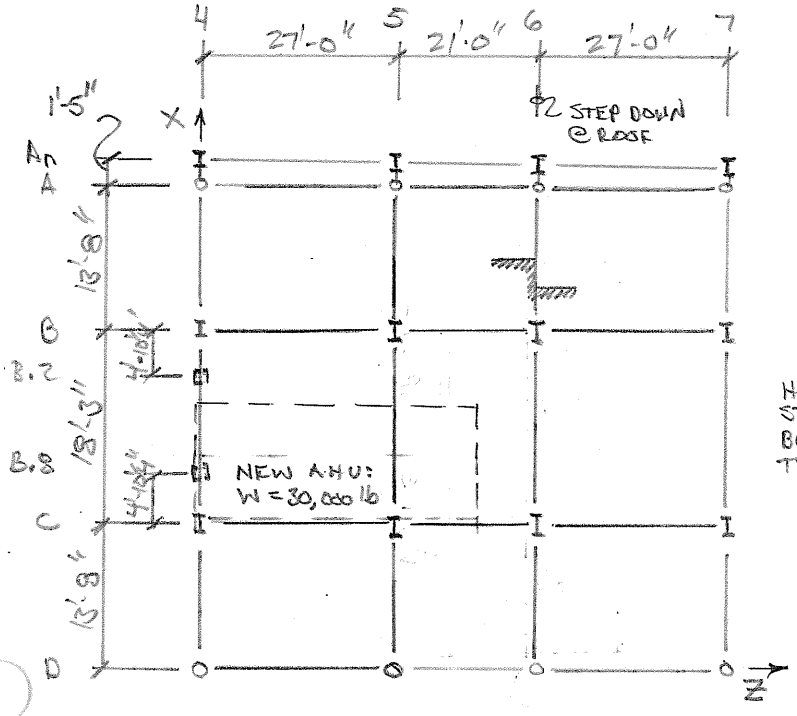
Project: GOOD SAM Job No: 21476

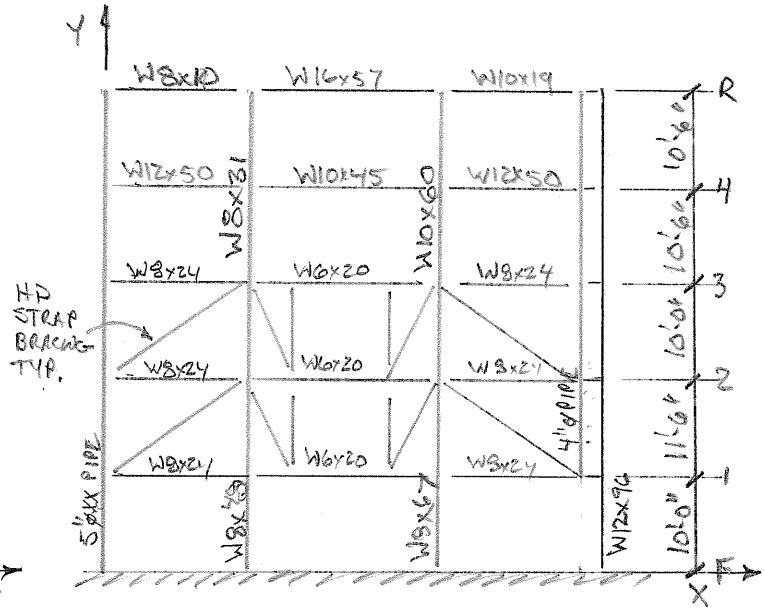
Subject: _____ Sheet _____ Name: KDK

Originating Office: ☐ Seattle ☒ Tacoma ☐ Portland Date: 8-16-21

MECHANICAL PLATFORM

EXISTING STRUCTURE & LOADS:





FLOOR LOADING

ROOF:

ROOF, MS + CLG:	10 PSF
W8x10 @ 9' oc.:	1 PSF
W16x36 @ 24' oc.:	1.5 PSF
W8x31:	1 PSF
MTL DECK:	2 PSF
MISC	4.5 PSF
	20 PSF
S =	25 PSF

3RD, 2ND & 1ST:

FLR, MS + CLG:	15 PSF
3" SLAB:	37.5 PSF
18LH @ 3' oc.:	5 PSF
W8x24 @ 24:	1 PSF
W8x48:	1 PSF
PART:	20 PSF
MISC:	0.5 PSF
	80 PSF
L =	40 PSF

4TH FLOOR:

FLR, MS & CLG:	15 PSF
B36 + NWC (4"):	40 PSF
18LH @ 4' oc.	: 4 PSF
W12x35 @ 24 oc.	: 1.5 PSF
W8x31	: 1 PSF
PART	: 20 PSF
MISC:	: 3.5 PSF
	85 PSF
L =	40 PSF

PCS Structural Solutions

Project: GOOD SAM Job No: 21476

Subject: _____ Sheet _____ Name: KOL

Originating Office: ☐ Seattle ☒ Tacoma ☐ Portland Date: 8-16-21

MECHANICAL PLATFORM

EXISTING STRUCTURE LOADS:

ROOF:

GRIDS A & D:
$P_D = (20^{PSF})(9')(13.67/2) = 1230^{\#}$
$P_S = (25^{PSF})(9')(13.67/2) = 1538^{\#}$

GRIDS B & C:
$P_D = (20^{PSF})(9')(16') = 2880^{\#}$
$P_S = (25^{PSF})(9')(16') = 3,600^{\#}$

$W_D = (20^{PSF})(4.5) = 90^{PLF}$
$W_L = (25^{PSF})(4.5) = 112.5^{PLF}$
$W_D = (20^{PSF})(9) = 180^{PLF}$
$W_L = (25^{PSF})(9) = 225^{PLF}$

4TH FLOOR:

GRIDS A & D:
$W_D = (85^{PSF})(2') = 170^{PLF}$
$W_L = (40^{PSF})(2') = 80^{PLF}$

GRIDS B & C:
$W_D = (85^{PSF})(4') = 340^{PLF}$
$W_L = (40^{PSF})(4') = 160^{PLF}$

GRID 4:
$P_D = (85^{PSF})(4')(27) = 9180^{\#}$
$P_L = (40^{PSF})(4')(27) = 4320^{\#}$

GRID 5:
$P_D = (85^{PSF})(4')(24) = 8160$
$P_L = (40^{PSF})(4')(24) = 3840^{\#}$

GRID 6:
$P_D = (85^{PSF})(4')(13.5) = 4590^{\#}$
$P_L = (40^{PSF})(4')(13.5) = 2160^{\#}$

GRID 6.2
$P_D = (85^{PSF})(4')(3') = 1020^{\#}$
$P_L = (40^{PSF})(4')(3') = 480^{\#}$

LOW ROOF:

$P_D = (20^{PSF})(10.5)(13.67/2) = 1435^{\#}$
$P_S = (25^{PSF})(10.5)(13.67/2) = 1794^{\#}$
$P_D = (20^{PSF})(10.5)(16') = 3360^{\#}$
$P_S = (25^{PSF})(10.5)(16') = 4200^{\#}$

$W_D = (20^{PSF})(5.25) = 105^{PLF}$
$W_S = (25^{PSF})(5.25) = 131^{PLF}$

3RD 2ND & 1ST FLOOR:

GRIDS A & D:
$W_D = (80^{PSF})(1.5') = 120^{PLF}$
$W_L = (40^{PSF})(1.5') = 60^{PLF}$

GRIDS B.2 & B.8:
$W_D = (80^{PSF})(5.7709) = 462^{PLF}$
$W_L = (40^{PSF})(5.7709) = 231^{PLF}$

GRIDS 4 & 7:
$P_D = (80^{PSF})(3')(27') = 6480^{\#}$
$P_L = (40^{PSF})(3')(27') = 3240^{\#}$

GRIDS 5 & 6:
$P_D = (80^{PSF})(3')(24') = 5760^{\#}$
$P_L = (40^{PSF})(3')(24') = 2880^{\#}$

PCS Structural Solutions

Project: GOOD SAM Job No: 21476

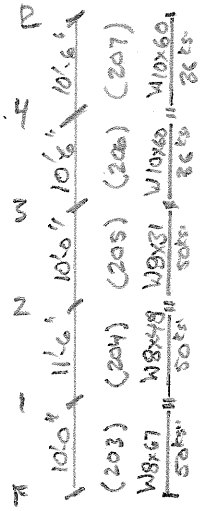
Subject: _____ Sheet _____ Name: KDK

Originating Office: ☐ Seattle ☒ Tacoma ☐ Portland Date: 8-16-21

CHECK EXISTING FRAMING

NEW UNIT IS SUPPORTED BY EXISTING COLUMNS AT 4B, 5B, 4C & 5C.

COLUMN AT GRID 4B:

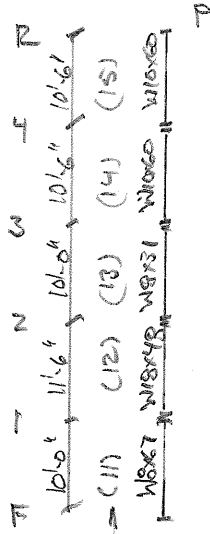


PER RISA3D: (ENVELOP OF LOAD COMBOS)

$P_{u_{MAX}}$ =	38.2^k	<	ϕP_n = 504^k	$\frac{1}{2}(38/504) + 1/197 = 0.04 < 1.0$ ok.
$M_{u_{MAX}}$ =	0.74$^{ft\text{-}k}$	<	ϕM_n = 197$^{ft\text{-}k}$	
$P_{u_{MAX}}$ =	97.1^k	<	ϕP_n = 504^k	$\frac{1}{2}(97.1/504) + 0.1/197 = 0.10 < 1.0$ ok
$M_{u_{MAX}}$ =	0.05$^{ft\text{-}k}$	<	ϕM_n = 197$^{ft\text{-}k}$	
$P_{u_{MAX}}$ =	201.1^k	<	ϕP_n = 317^k	$(201/317) + 8/9(1/107) = 0.64 < 1.0$ ok
$M_{u_{MAX}}$ =	0.64$^{ft\text{-}k}$	<	ϕM_n = 107$^{ft\text{-}k}$	
$P_{u_{MAX}}$ =	313.8^k	<	ϕP_n = 460^k	$(314/460) + 8/9(3/174) = 0.70 < 1.0$ ok.
$M_{u_{MAX}}$ =	2.8$^{ft\text{-}k}$	<	ϕM_n = 173.5$^{ft\text{-}k}$	
$P_{u_{MAX}}$ =	352.5^k	<	ϕP_n = 701^k	$(353/701) + 8/9(3/256) = 0.51 < 1.0$ ok
$M_{u_{MAX}}$ =	2.8$^{ft\text{-}k}$	<	ϕM_n = 256$^{ft\text{-}k}$	

∴ COLUMNS AT 4B ARE ADEQUATE TO SUPPORT NEW UNIT.

COLUMN AT 5B:



RISA3D ELEMENT NUMBER

PER RISA3D: (ENVELOP OF LOAD COMBOS)

$P_{u_{MAX}}$ =	41.1^k	<	ϕP_n = 504^k	$\frac{1}{2}(41/504) + 36.5/197 = 0.23 < 1.0$ ok
$M_{u_{MAX}}$ =	36.5$^{ft\text{-}k}$	<	ϕM_n = 197$^{ft\text{-}k}$	
$P_{u_{MAX}}$ =	109.5^k	<	ϕP_n = 504^k	$(110/504) + 8/9(12/197) = 0.27 < 1.0$ ok.
$M_{u_{MAX}}$ =	11.5$^{ft\text{-}k}$	<	ϕM_n = 197$^{ft\text{-}k}$	
$P_{u_{MAX}}$ =	199.4^k	<	ϕP_n = 317^k	$(199.4/317) + 8/9(.31/107) = 0.63 < 1.0$ ok
$M_{u_{MAX}}$ =	0.31$^{ft\text{-}k}$	<	ϕM_n = 107$^{ft\text{-}k}$	
$P_{u_{MAX}}$ =	298^k	<	ϕP_n = 460^k	$(298/460) + 8/9(2.4/173.5) = 0.66 < 1.0$ ok
$M_{u_{MAX}}$ =	2.4$^{ft\text{-}k}$	<	ϕM_n = 173.5$^{ft\text{-}k}$	
$P_{u_{MAX}}$ =	338^k	<	ϕP_n = 701^k	$(338/701) + 8/9(2.4/256) = 0.48 < 1.0$ ok
$M_{u_{MAX}}$ =	2.4$^{ft\text{-}k}$	<	ϕM_n = 256$^{ft\text{-}k}$	

∴ COLUMNS AT 5B ARE ADEQUATE TO SUPPORT NEW UNIT.

PCS Structural Solutions

Project: 6000 SAM Job No: 21476

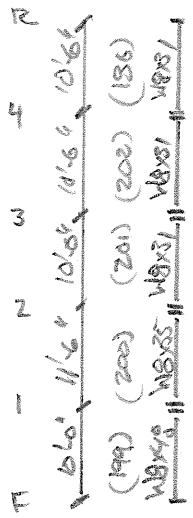
Subject: Sheet Name: KDY

Originating Office: ☐ Seattle ☒ Tacoma ☐ Portland Date: 8-16-21

CHECK EXISTING FRAMING

NEW UNIT IS SUPPORTED BY EXISTING COLUMNS AT 4B, 5B, 4C & 5C.

COLUMN AT GRID 4C:

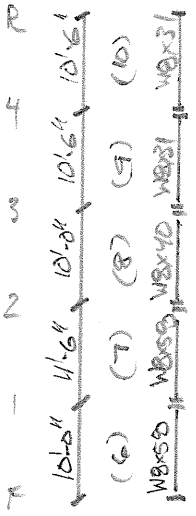


PER RISA 3D: (ENVELOP OF LOAD COMBOS)

$P_{u max} = 37.5^k$	<	$\phi P_n = 242^k$	$\frac{1}{2}(38/242) + \frac{0.11}{77} = 0.09 < 1.0$ ok
$M_{u max} = 0.11^{1-k}$	<	$\phi M_n = 77^{1-k}$	
$P_{u max} = 84.5^k$	<	$\phi P_n = 242^k$	$(85/242) + 8/9(.2/77) = 0.35 < 1.0$ ok
$M_{u max} = 0.2^{1-k}$	<	$\phi M_n = 77^{1-k}$	
$P_{u max} = 162.6^k$	<	$\phi P_n = 317^k$	$(163/317) + 8/9(.5/107) = 0.52 < 1.0$ ok
$M_{u max} = 0.5^{1-k}$	<	$\phi M_n = 107^{1-k}$	
$P_{u max} = 247^k$	<	$\phi P_n = 331^k$	$(247/331) + 8/9(1.2/120) = 0.50 < 1.0$ ok
$M_{u max} = 1.1^{1-k}$	<	$\phi M_n = 119.3^{1-k}$	
$P_{u max} = 286^k$	<	$\phi P_n = 497^k$	$(286/497) + 8/9(1.2/177) = 0.58 < 1.0$ ok
$M_{u max} = 1.5^{1-k}$	<	$\phi M_n = 177^{1-k}$	

∴ COLUMNS AT 4C ARE ADEQUATE TO SUPPORT NEW UNIT.

COLUMN AT GRID 5C:



PER RISA 3D: (ENVELOP OF LOAD COMBOS)

$P_{u max} = 50.7^k$	<	$\phi P_n = 242^k$	$(51/242) + 8/9(.45/38) = 0.31 < 1.0$ ok
$M_{u max} = 4.52^{1-k}$	<	$\phi M_{ny} = 38.07^{1-k}$	
$P_{u max} = 112.5^k$	<	$\phi P_n = 242^k$	$113/242 + 8/9(2.7/38) = 0.53 < 1.0$ ok
$M_{u max} = 2.7^{1-k}$	<	$\phi M_{ny} = 38.07^{1-k}$	
$P_{u max} = 200.4^k$	<	$\phi P_n = 409^k$	$200/409 + 8/9(2.2/69) = 0.52 < 1.0$ ok
$M_{u max} = 2.16^{1-k}$	<	$\phi M_{ny} = 69.4^{1-k}$	
$P_{u max} = 270.7^k$	<	$\phi P_n = 561^k$	$(271/561) + 8/9(0.7/105) = 0.49 < 1.0$ ok
$M_{u max} = 0.65^{1-k}$	<	$\phi M_n = 105^{1-k}$	
$P_{u max} = 306.1^k$	<	$\phi P_n = 606^k$	$(306/606) + 8/9(.2/105) = 0.51 < 1.0$ ok
$M_{u max} = 0.17^{1-k}$	<	$\phi M_n = 105^{1-k}$	

∴ COLUMNS AT 5C ARE ADEQUATE TO SUPPORT NEW UNIT.

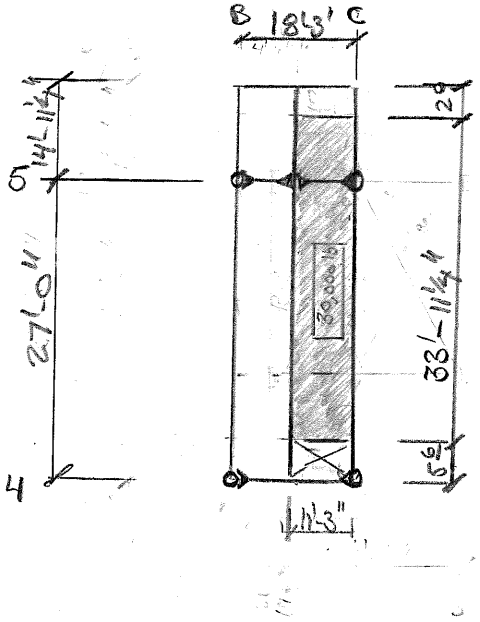
PCS Structural Solutions

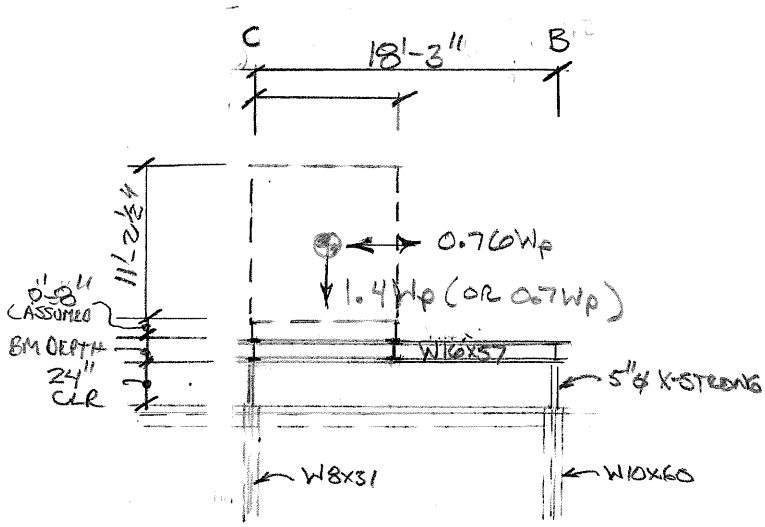
Project: GOOR SAM Job No: 21476

Subject: _____ Sheet _____ Name: KOK

Originating Office: ☐ Seattle ☒ Tacoma ☐ Portland Date: 8-4-21

MECHANICAL PLATFORM





SEISMIC LOADING

$S_{DS} = 1.013$

$a_p = 2.5$

$I_p = 1.5$

$R_p = 6$

$z/h = 1.0$

$$F_p = \frac{0.4 a_p S_{DS} W_p [1 + 2(z/h)]}{(R_p/I_p)}$$

$$= \frac{0.4(2.5)(1.013)W_p\,(3)}{(6/1.5)}$$

$$F_p = 0.76 W_p$$

$$F_{p\,MIN} = 0.3 S_{DS} I_p W_p = 0.3(1.013)(1.5) W_p = 0.46 W_p$$

$$E_v = 0.2 S_{DS} W_p = 0.2(1.013) W_p = 0.20 W_p$$

PCS Structural Solutions

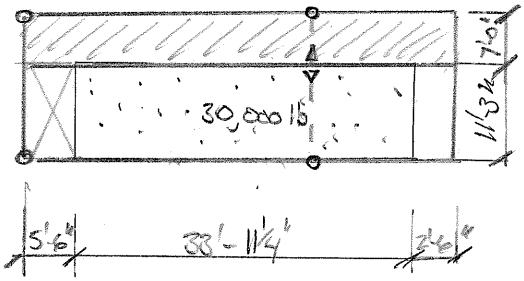
Project: GOOD JAM Job No: 21476

Subject: _____ Sheet _____ Name: KDL

Originating Office: ☐ Seattle ☒ Tacoma ☐ Portland Date: 3-17-21

MECHANICAL PLATFORM

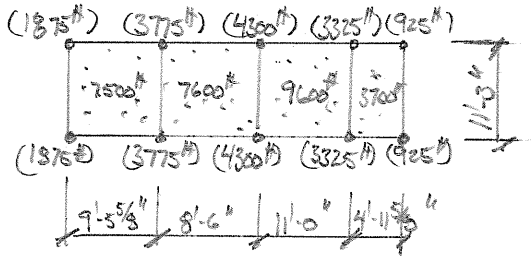
DETERMINE LOADING AT EDGES OF PLATFORM:



$W_D = (20^{PSF})(7/2) = 70^{PLF}$

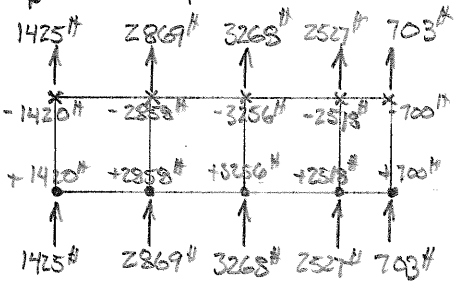
$W_L = (40^{PSF})(7/2) = 140^{PLF}$

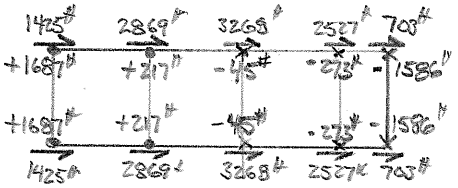
DETERMINE LOADING AT EDGES OF SPLITS: (LOADS & SPLITS PER MFR)

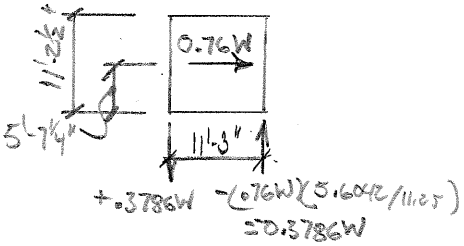


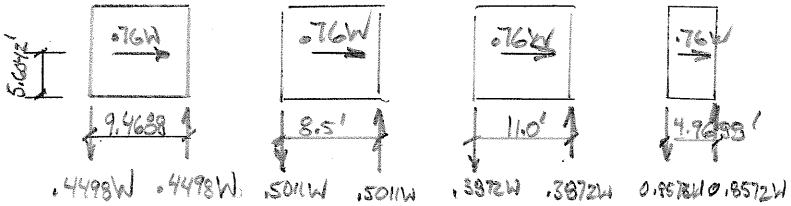
DETERMINE SEISMIC LOADING AT EDGES OF SPLITS:

$F_p = 0.76W_p$









PCS Structural Solutions

Project: GGOD SAM Job No: 21476

Subject: _____ Sheet _____ Name: KOK

Originating Office: ☐ Seattle ☒ Tacoma ☐ Portland Date: 8-19-21

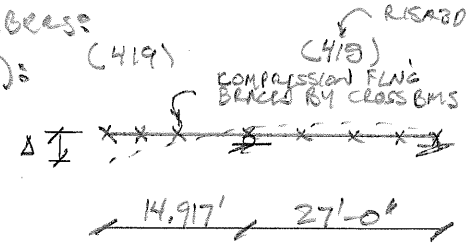
MECHANICAL PLATFORM

DESIGN NEW PLATFORM MEMBERS:

W16x57 (SUPPORTING UNIT @ GRID C):

$M_{u_{MAX}} = 90.2^{k\text{-}ft}$

$\Delta_{CANT} = 0.56''$

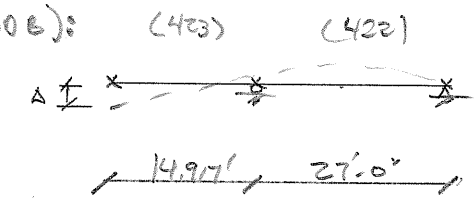


$\phi M_n = 345^{k\text{-}ft} > 90.2^{k\text{-}ft}$ ok

W16x57 (SUPPORTING GRATE @ GRID B):

$M_{u_{MAX}} = 58.6^{k\text{-}ft}$

$\Delta_{CANT} = 0.51''$

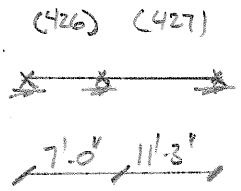


$\phi M_n = 146.5^{k\text{-}ft} > 58.6^{k\text{-}ft}$ ok.

W16x57 (CROSS-BEAM @ GRID 5):

$M_{u_{MAX}} = 102.6^{k\text{-}ft}$

$\phi M_n = 327^{k\text{-}ft} > 103^{k\text{-}ft}$ ok



5" ø X-STRONG PIPE (AT GRID 5C):

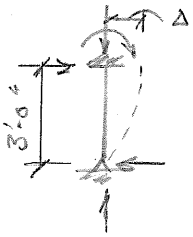
$P_{u_{MAX}} = 35.2^{k}$ } MAX AT GRID 5C

$M_{u_{MAX}} = 8.9^{k\text{-}ft}$ }

$\Delta_{MAX} = 0.066''$

$\phi P_n = 167^{k} > 35^{k}$ ok

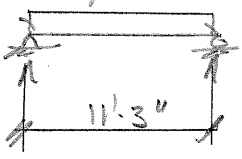
$\phi M_n = 24.9^{k\text{-}ft} > 9^{k\text{-}ft}$ ok



$(35/167) + 8/9(9/24.9) = 0.53 < 1.0$ ok.

W16x26 (SUPPORTING EDGE OF UNIT)

$(\frac{1}{2})(7.6)(9.6)/11.25' = 0.76^{k/ft}$



$V_u = 4.3^{k}$

$M_u = 12.1^{k\text{-}ft}$

$\phi M_n = 102^{k\text{-}ft} > 12^{k\text{-}ft}$ ok

$\Delta = \frac{5(.76)(11.25)^4(1728)}{384(29000)(3.1)} = 0.031''$ ok.

MECHANICAL PLATFORM

BAR GRATE:

$l = 7'-0"$

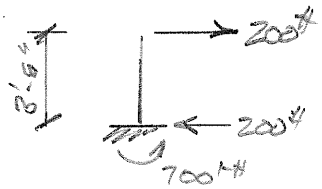
TYPE GW W/ 1½"x3/16" BEARING BARS:

$W_{ALL} = 174^{PSF} > 40^{PSF}$ ok

$\Delta = 0.608"$

RAILING:

POSTS:



$Z_{REQ'D} = \frac{(.7^{1-k})(12k)}{46^{ksi}/1.67} = 0.305 in^3$

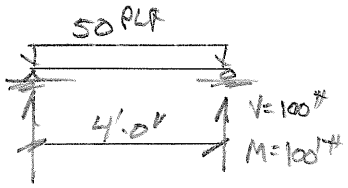
HSS2x2x¼

$Z_x = 0.964 in^3$

$I_x = 0.747 in^4$

$\Delta = (.2)(42)^3/8(29000)(.747) = 0.086"$ ok

RAIL:



$Z_{REQ'D} \cong (.1^{1-k})(12")/1.5(.9)(36^{ksi})/1.67 = 0.046 in^3$

L2½x2½x¼

$M_e = \frac{.66(29000)(2.5)^4(.25)(1.0)}{(48")^2}\left[\sqrt{1+.78\left(\frac{48(0.25)}{2.5^2}\right)^2}-1\right] = 78.6^{in\text{-}k}$

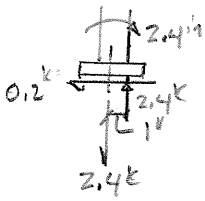
$.8M_y = (.8)(36)(0.387) = 11.15^{in\text{-}k} < M_e$

$M_n = \left(1.92-1.17\sqrt{\frac{11.15}{78.6}}\right)11.15 = 16.49^{in\text{-}k}$

$M_n/\Omega = 16.49/1.67 = 9.88^{in\text{-}k} > 1.2^{in\text{-}k}$ ok

$\Delta = \frac{1.56(5)(.05)(48)^4}{384(29000)(.692)} = 0.27" = l/179$ ok

BOLTS:



(2) ¾" ø A307:

$F_{nt} = 45^{ksi}$

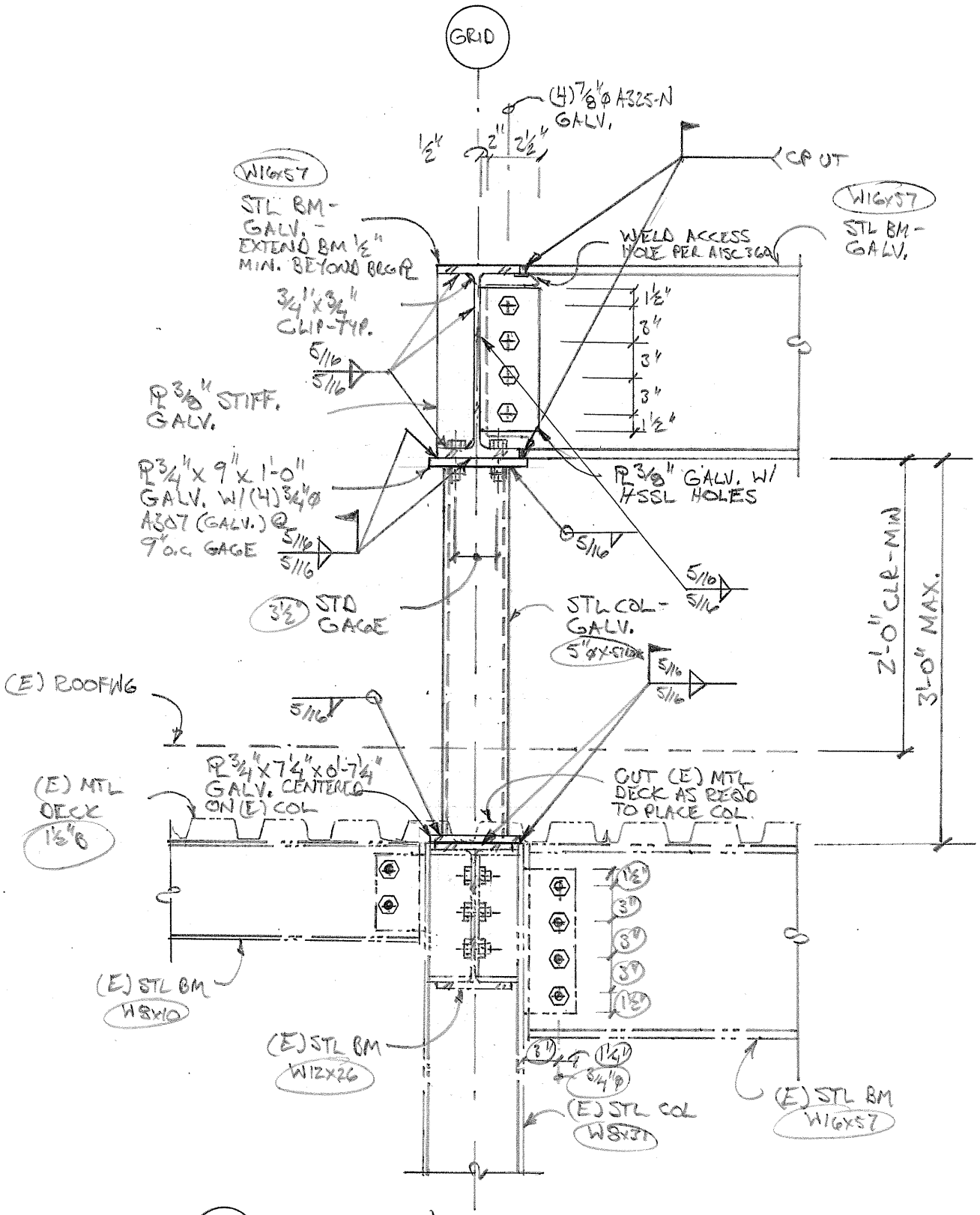
$F_{nv} = 27^{ksi}$

$f_{rv} = 0.2^k/2/.442 = 0.226^{ksi}$

$F'_{nt} = 1.3(45) - \frac{2.0(45)(.226)}{27} = 57.7^{ksi} > F_{nt}$

$R_{nt}/\Omega = (45/2)(.442) = 9.95^k > 2.4^k \cdot 1.2$ ok

$R_{nv}/\Omega = (27/2)(1.44) = 5.9^k > 0.2^k \cdot 2 = 0.1^k$ ok



2 / S1.00 SECTION

1" = 1'-0"

PCS Structural Solutions

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Subject: _____ Sheet _____ Name: _____

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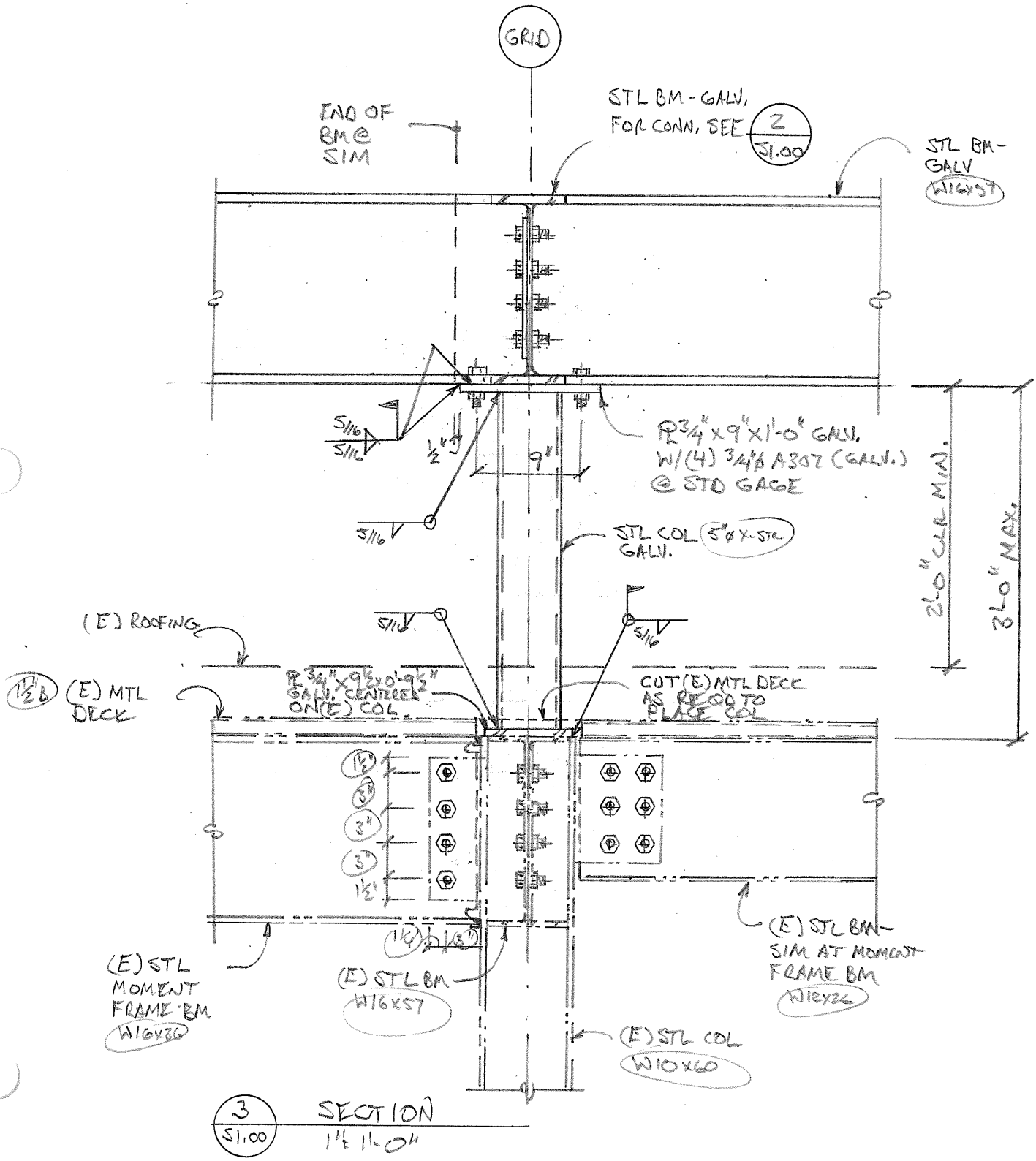

3 / S1.00 SECTION 1" = 1'-0"

Seattle | 1011 Western Avenue, Suite 810 · Seattle, WA 98104 · tel: 206.292.5076
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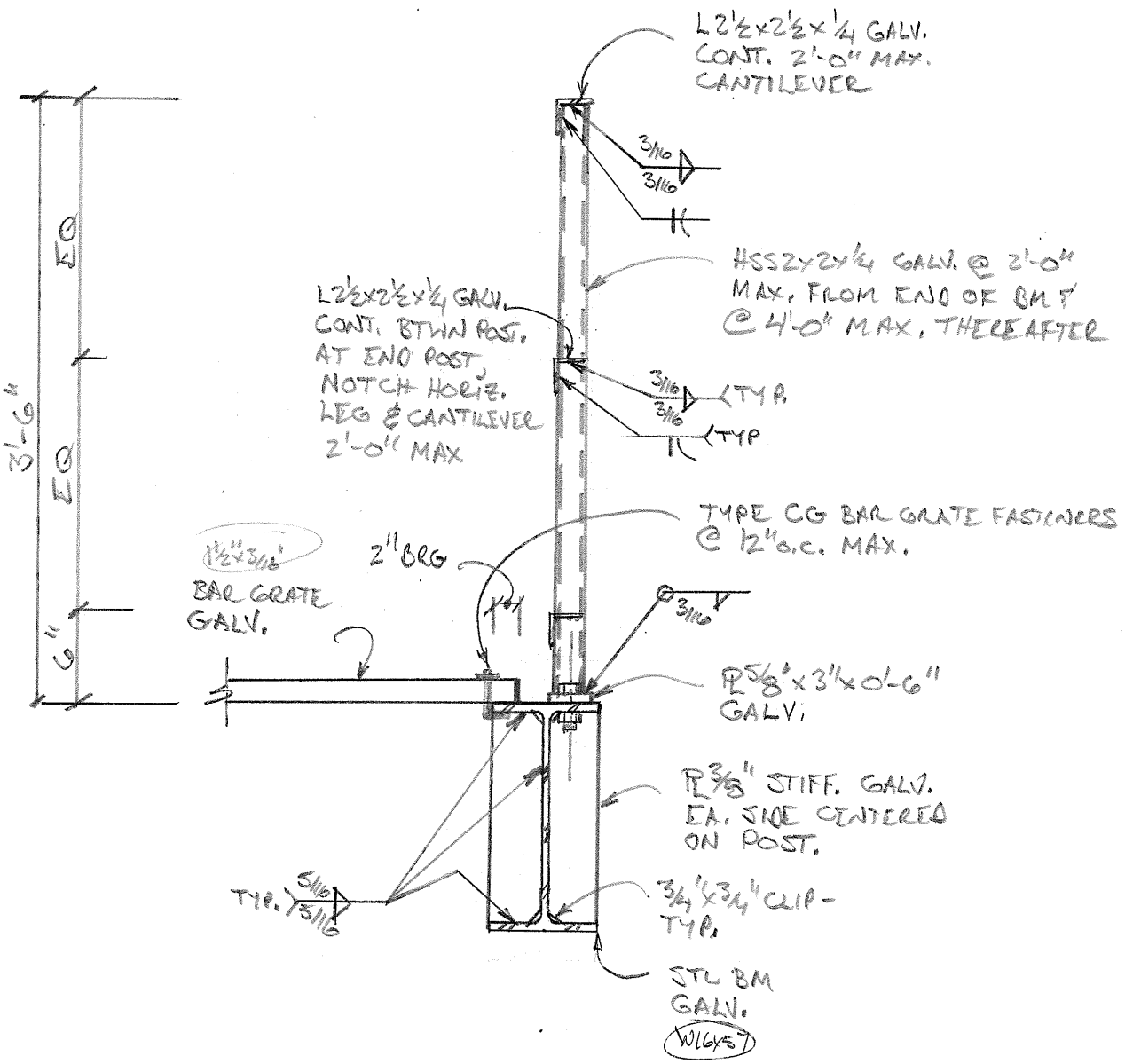
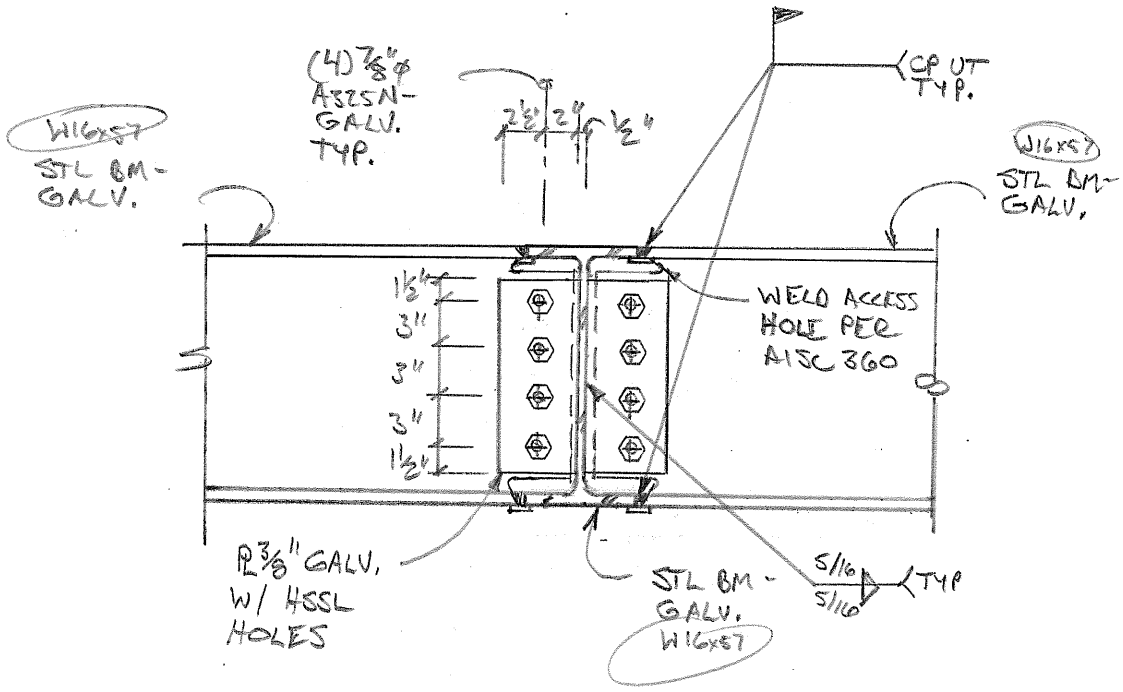
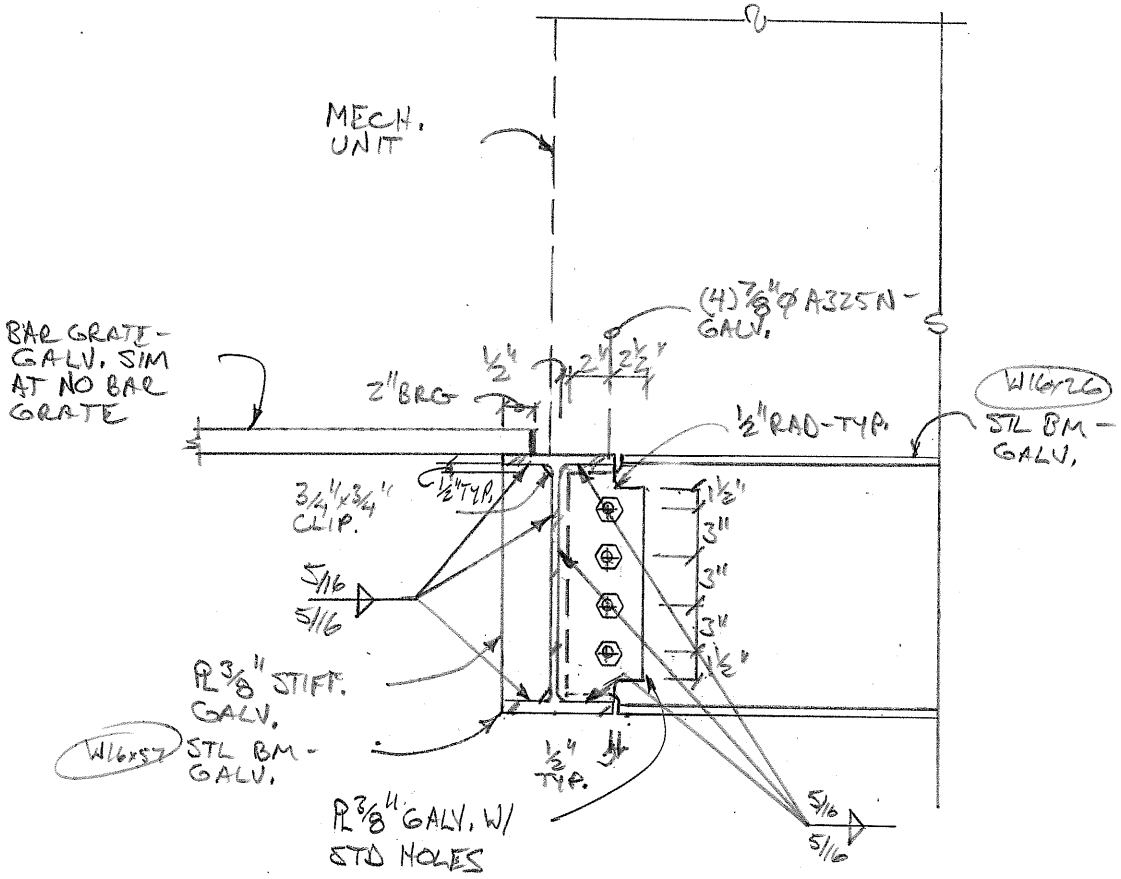


4 / S1.00 SECTION

1" = 1'-0"

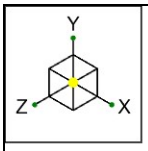


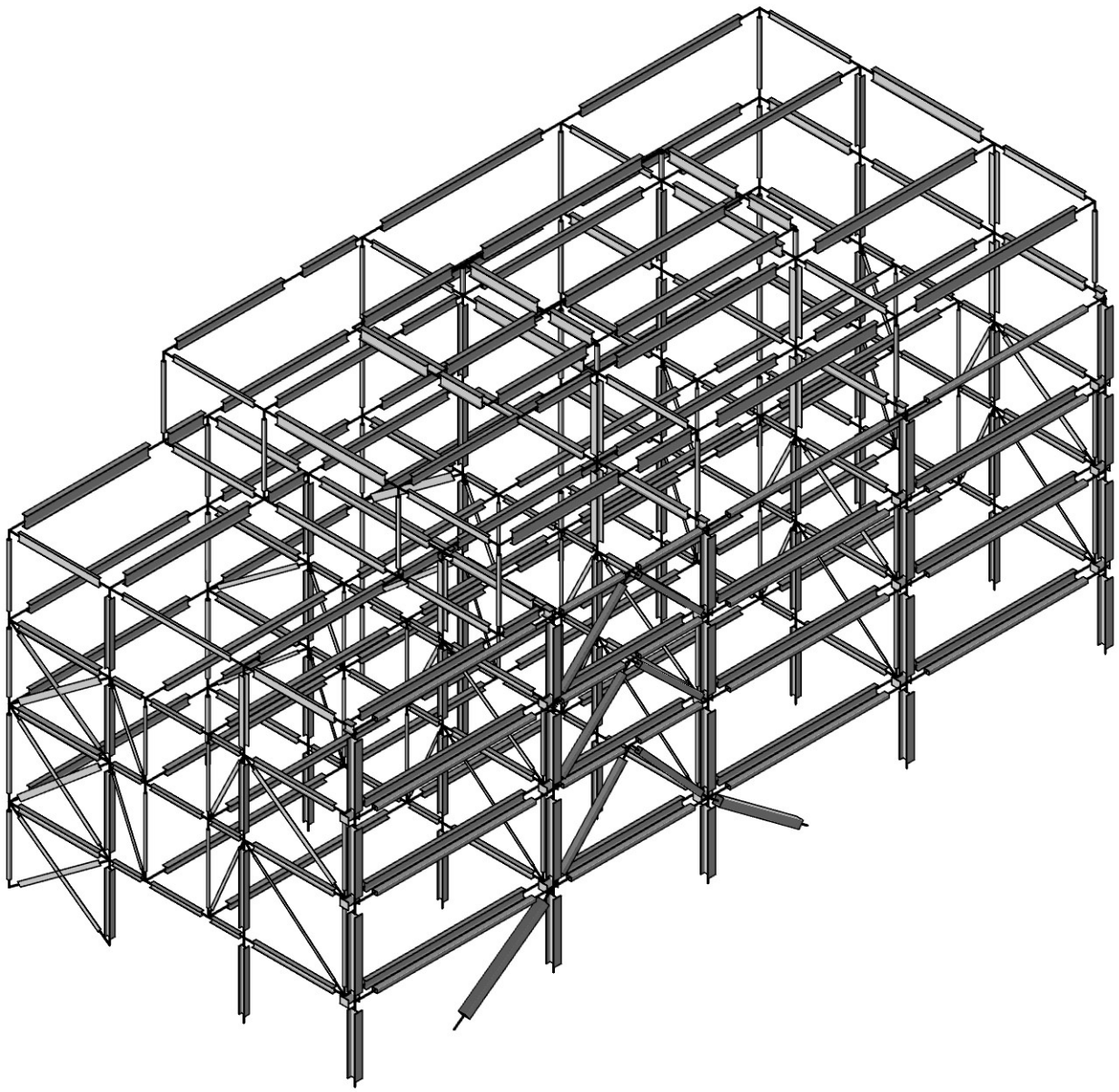
5/S1.00 SECTION
1"=1'-0"



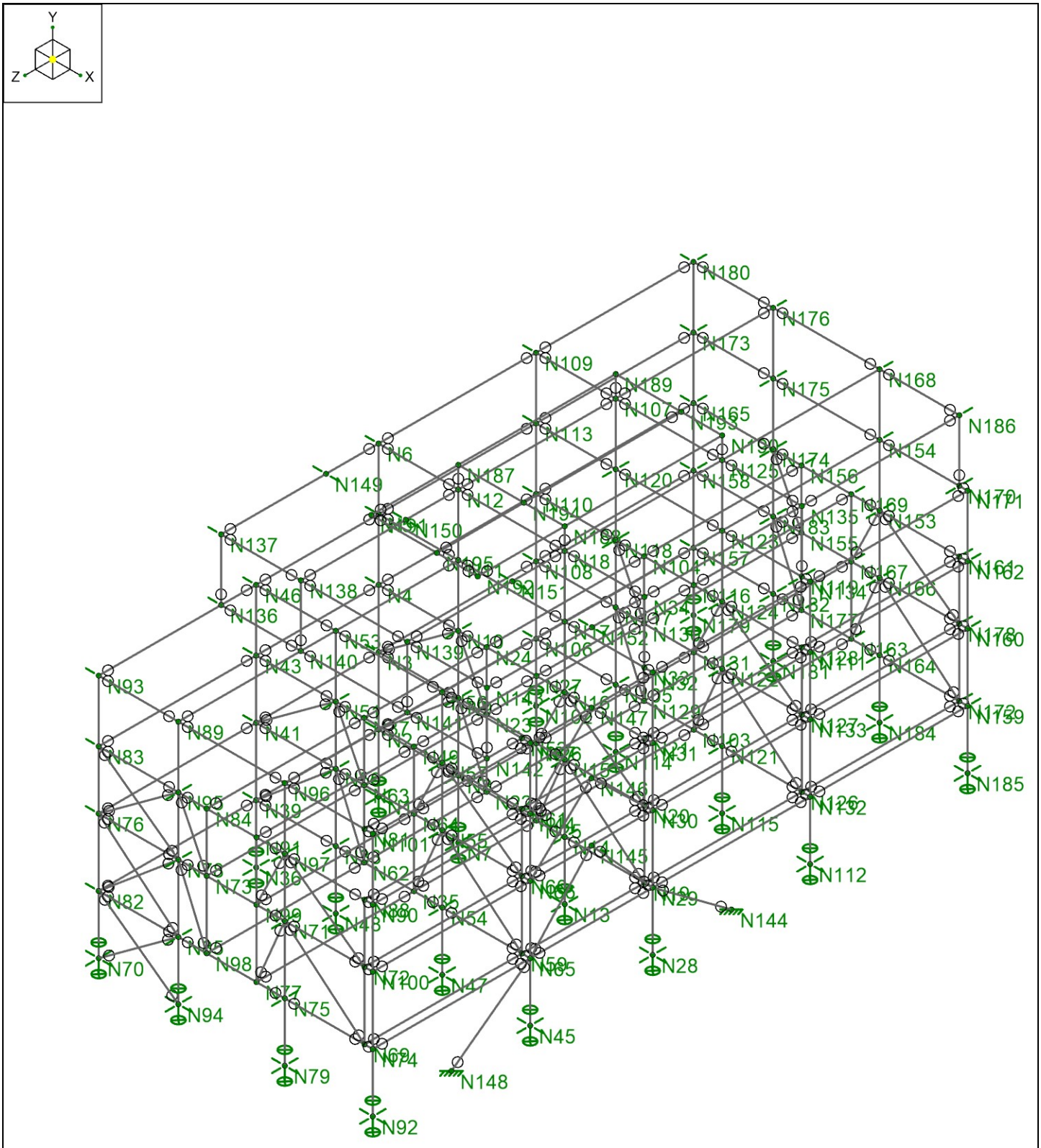
6/S1.00 SECTION

1" = 1'-0"





PCS Structural Solutions	Good Sam North Wing	SK-1
KKeppler		Aug 19, 2021
21476		21476 GSH AHU_New Unit_0812…



PCS Structural Solutions	Good Sam North Wing	SK-2
KKeppler		Aug 19, 2021
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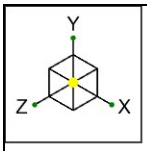
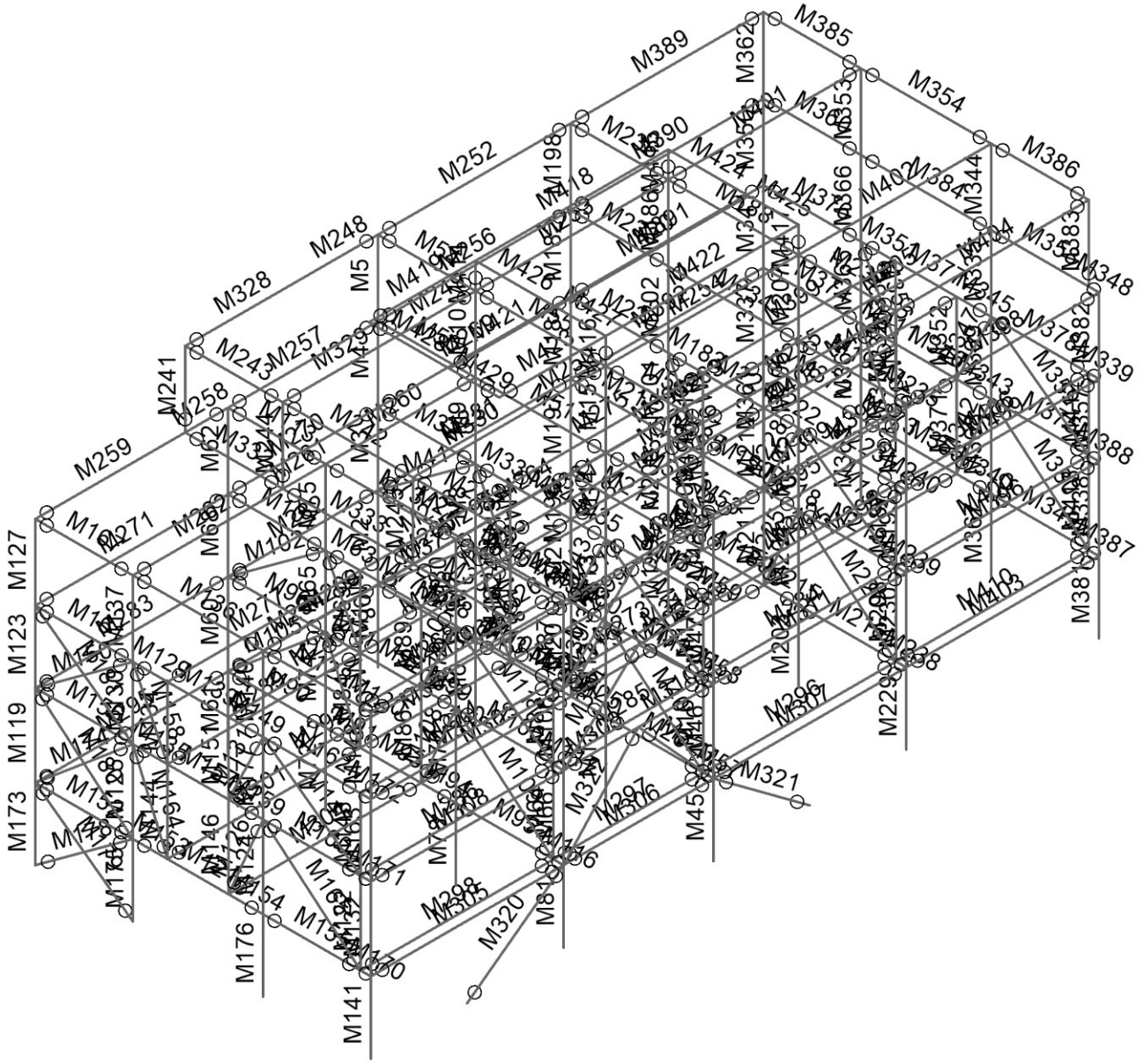
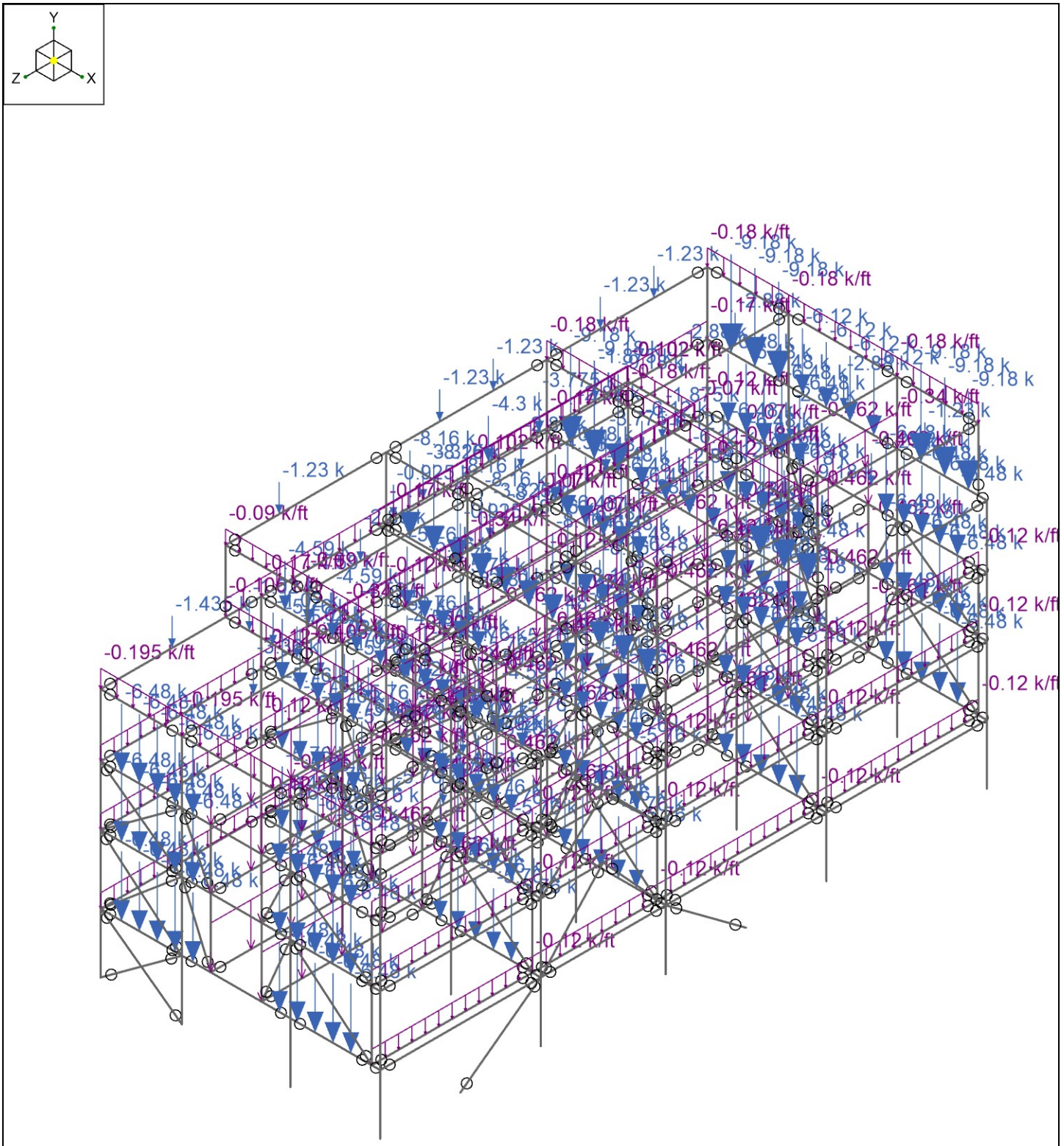


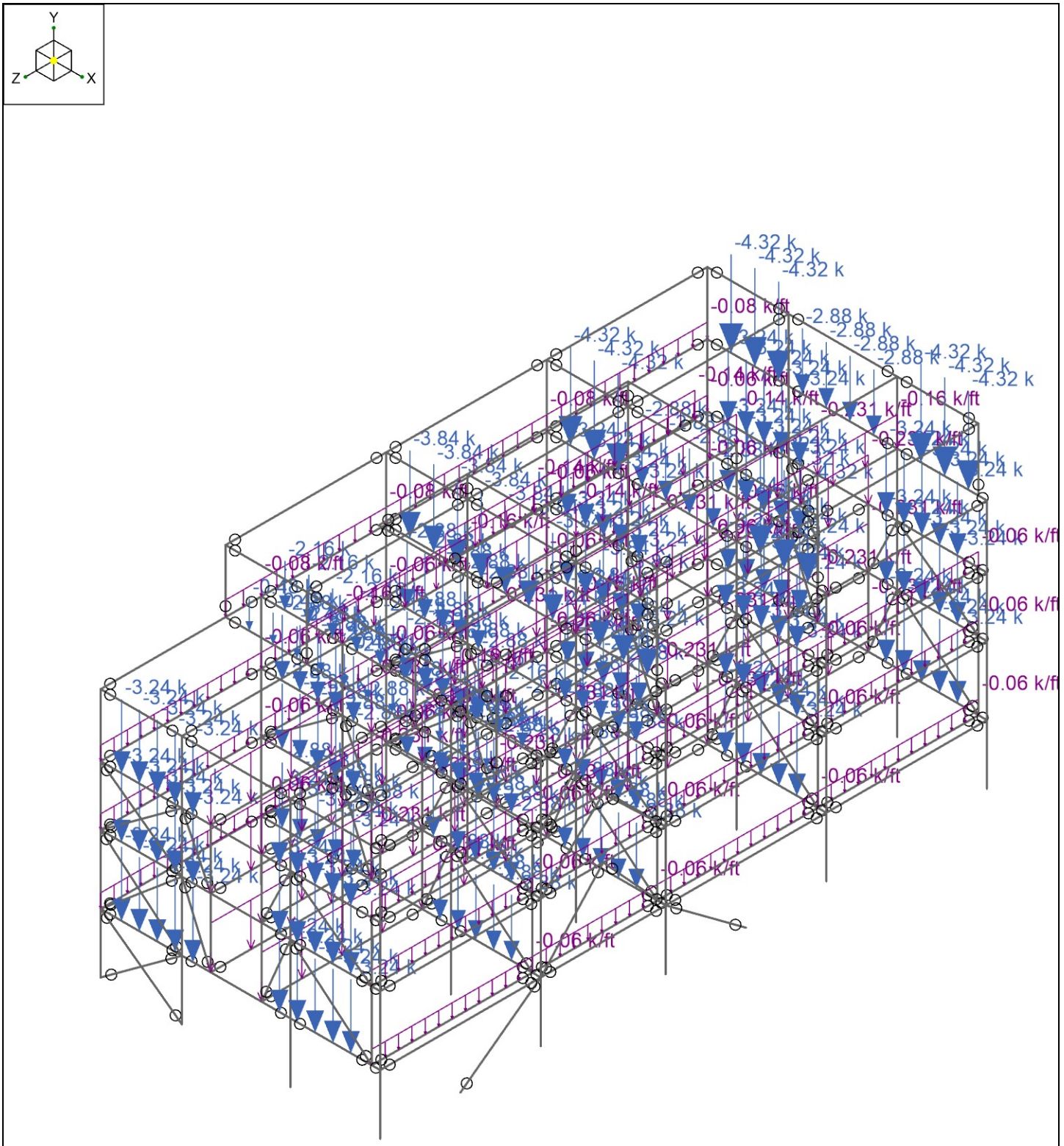


PCS Structural Solutions	Good Sam North Wing	SK-3
KKeppler		Aug 19, 2021
21476		21476 GSH AHU_New Unit_0812…



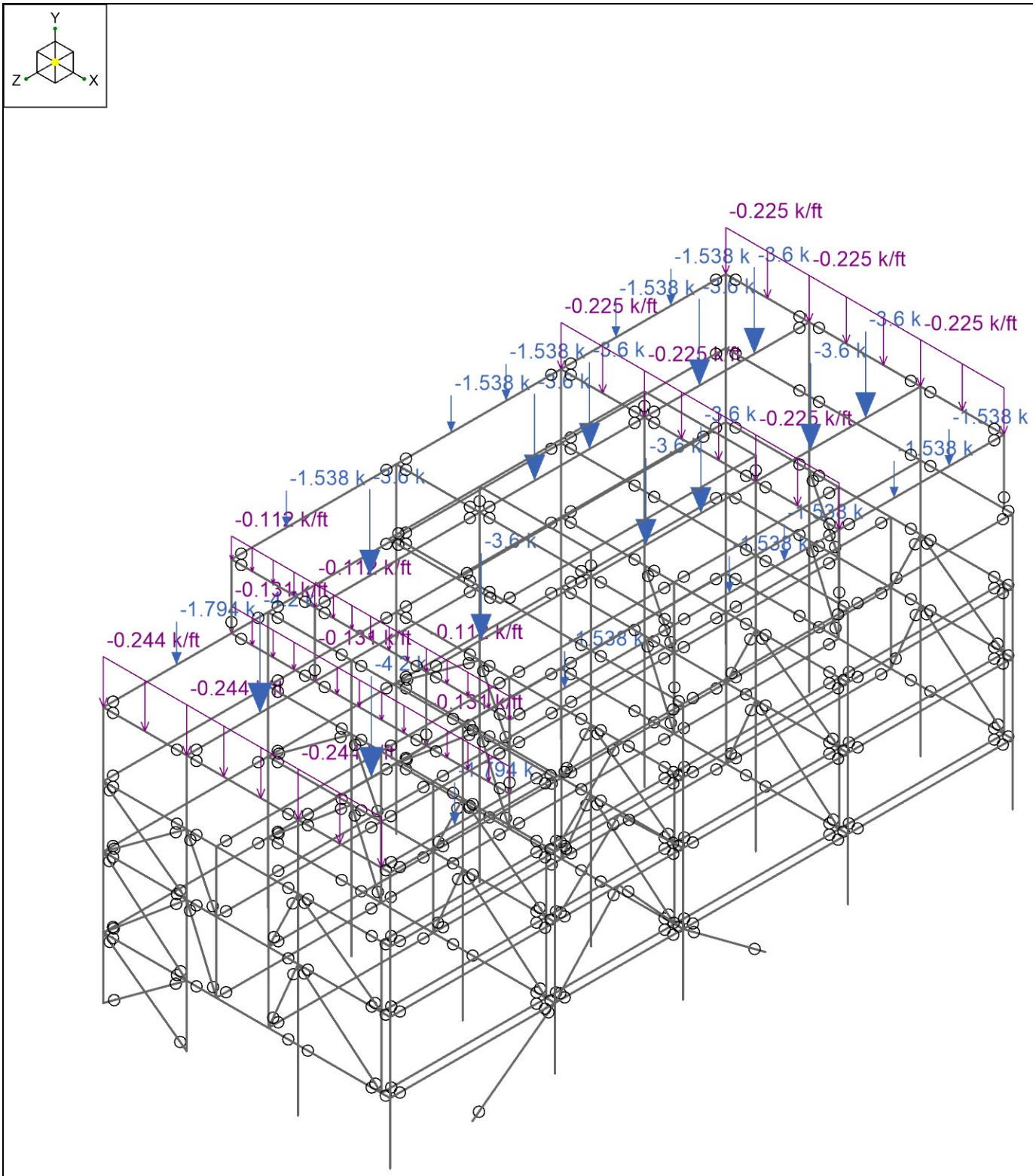
Loads: BLC 1, DL

PCS Structural Solutions	Good Sam North Wing	SK-4
KKeppler		Aug 19, 2021
21476		21476 GSH AHU_New Unit_0812…



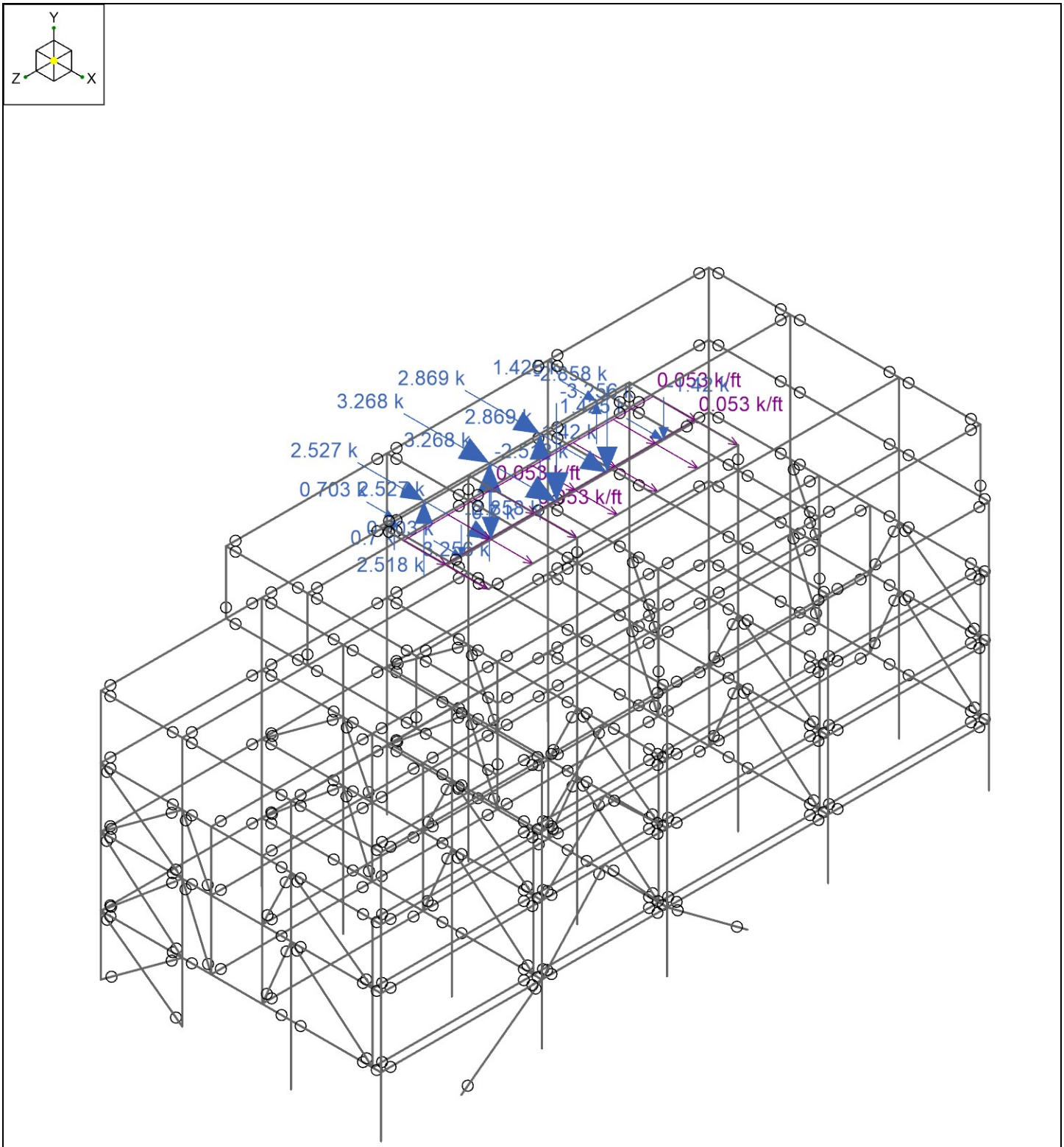
Loads: BLC 2, LL

PCS Structural Solutions	Good Sam North Wing	SK-5
KKeppler		Aug 19, 2021
21476		21476 GSH AHU_New Unit_0812…



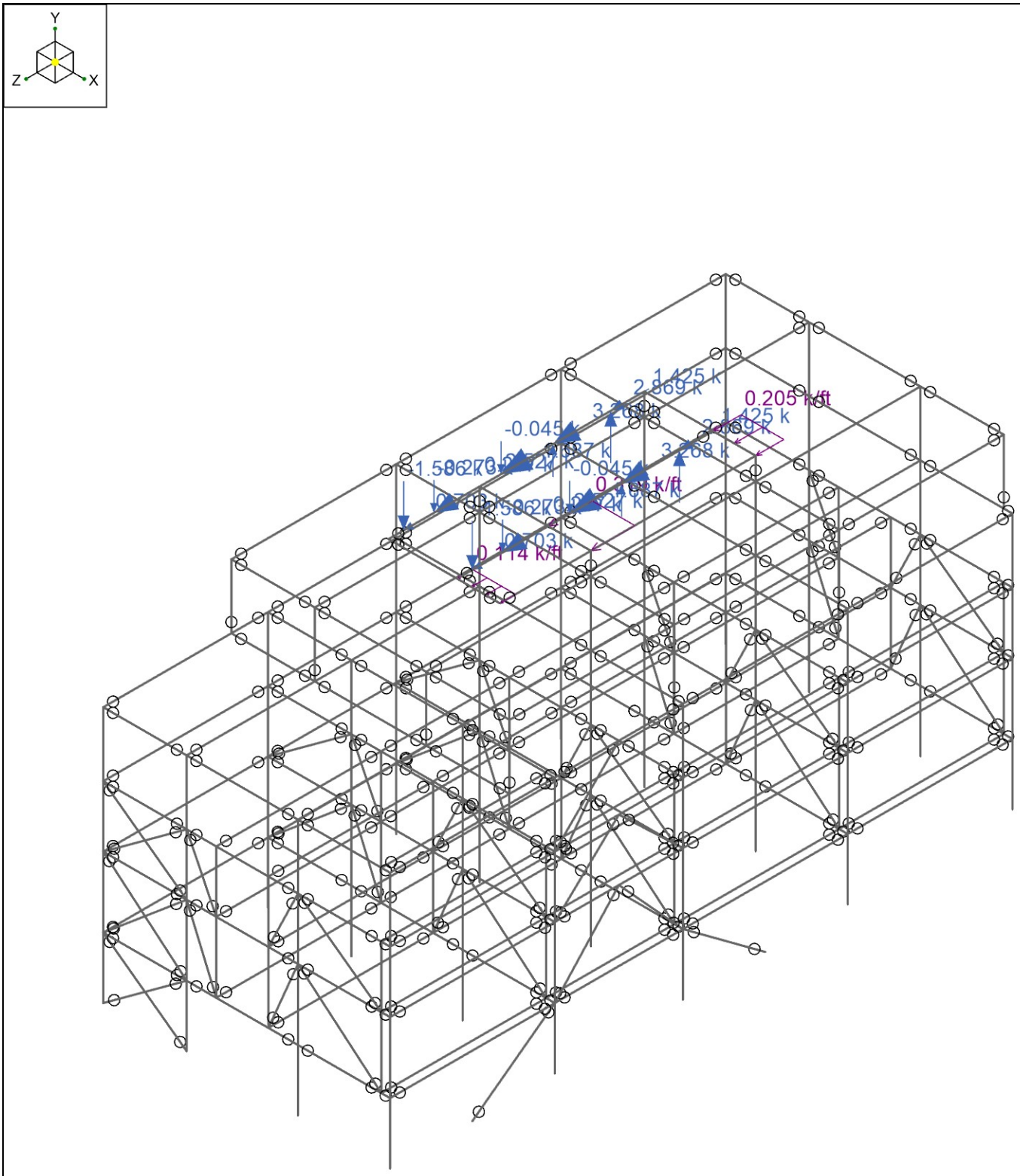
Loads: BLC 3, SL

PCS Structural Solutions	Good Sam North Wing	SK-6
KKeppler		Aug 19, 2021
21476		21476 GSH AHU_New Unit_0812…



Loads: BLC 4, EQX

PCS Structural Solutions	Good Sam North Wing	SK-7
KKeppler		Aug 19, 2021
21476		21476 GSH AHU_New Unit_0812…



Loads: BLC 5, EQZ

PCS Structural Solutions	Good Sam North Wing	SK-8
KKeppler		Aug 19, 2021
21476		21476 GSH AHU_New Unit_0812…

Node Coordinates

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
1	N1	0	0	0	
2	N2	0	10	0	
3	N3	0	21.5	0	
4	N4	0	31.5	0	
5	N5	0	42	0	
6	N6	0	52.5	0	
7	N7	13.667	0	0	
8	N8	13.667	10	0	
9	N9	13.667	21.5	0	
10	N10	13.667	31.5	0	
11	N11	13.667	42	0	
12	N12	13.667	52.5	0	
13	N13	31.917	0	0	
14	N14	31.917	10	0	
15	N15	31.917	21.5	0	
16	N16	31.917	31.5	0	
17	N17	31.917	42	0	
18	N18	31.917	52.5	0	
19	N19	45.583	10	0	
20	N20	45.583	21.5	0	
21	N21	45.583	31.5	0	
22	N22	18.5212	10	0	
23	N23	18.5212	21.5	0	
24	N24	18.5212	31.5	0	
25	N25	27.0628	10	0	
26	N26	27.0628	21.5	0	
27	N27	27.0628	31.5	0	
28	N28	47	0	0	
29	N29	47	10	0	
30	N30	47	21.5	0	
31	N31	47	31.5	0	
32	N32	47	42	0	
33	N33	45.583	42	0	
34	N34	45.583	52.5	0	
35	N35	27.0628	10	21	
36	N36	0	0	21	
37	N37	18.5212	31.5	21	
38	N38	13.667	10	21	
39	N39	0	10	21	
40	N41	0	21.5	21	
41	N43	0	31.5	21	
42	N44	47	31.5	21	
43	N45	47	0	21	
44	N46	0	42	21	
45	N47	31.917	0	21	
46	N48	13.667	0	21	
47	N49	27.0628	31.5	21	
48	N50	13.667	21.5	21	
49	N51	13.667	31.5	21	
50	N52	45.583	42	21	
51	N53	13.667	42	21	
52	N54	31.917	10	21	
53	N55	31.917	21.5	21	
54	N56	31.917	42	21	
55	N57	31.917	31.5	21	
56	N59	45.583	10	21	
57	N60	45.583	21.5	21	
58	N61	45.583	31.5	21	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
59	N62	18.5212	10	21	
60	N63	18.5212	21.5	21	
61	N64	27.0628	21.5	21	
62	N65	47	10	21	
63	N66	47	21.5	21	
64	N67	47	42	21	
65	N69	45.583	10	48	
66	N70	0	0	48	
67	N71	31.917	21.5	48	
68	N72	45.583	21.5	48	
69	N73	18.5212	21.5	48	
70	N74	47	10	48	
71	N75	31.917	10	48	
72	N76	0	21.5	48	
73	N77	27.0628	10	48	
74	N78	13.667	21.5	48	
75	N79	31.917	0	48	
76	N81	45.583	42	48	
77	N82	0	10	48	
78	N83	0	31.5	48	
79	N84	18.5212	31.5	48	
80	N85	13.667	10	48	
81	N88	45.583	31.5	48	
82	N89	13.667	42	48	
83	N90	47	31.5	48	
84	N91	27.0628	31.5	48	
85	N92	47	0	48	
86	N93	0	42	48	
87	N94	13.667	0	48	
88	N95	13.667	31.5	48	
89	N96	31.917	42	48	
90	N97	31.917	31.5	48	
91	N98	18.5212	10	48	
92	N99	27.0628	21.5	48	
93	N100	47	21.5	48	
94	N101	47	42	48	
95	N102	0	0	-27	
96	N103	27.0628	10	-27	
97	N104	18.5212	31.5	-27	
98	N105	13.667	10	-27	
99	N106	0	10	-27	
100	N107	13.667	52.5	-27	
101	N108	0	21.5	-27	
102	N109	0	52.5	-27	
103	N110	0	31.5	-27	
104	N111	47	31.5	-27	
105	N112	47	0	-27	
106	N113	0	42	-27	
107	N114	13.667	0	-27	
108	N115	31.917	0	-27	
109	N116	27.0628	31.5	-27	
110	N117	13.667	21.5	-27	
111	N118	13.667	31.5	-27	
112	N119	45.583	42	-27	
113	N120	13.667	42	-27	
114	N121	31.917	10	-27	
115	N122	31.917	21.5	-27	
116	N123	31.917	42	-27	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
117	N124	31.917	31.5	-27	
118	N125	31.917	52.5	-27	
119	N126	45.583	10	-27	
120	N127	45.583	21.5	-27	
121	N128	45.583	31.5	-27	
122	N129	18.5212	10	-27	
123	N130	18.5212	21.5	-27	
124	N131	27.0628	21.5	-27	
125	N132	47	10	-27	
126	N133	47	21.5	-27	
127	N134	47	42	-27	
128	N135	45.583	52.5	-27	
129	N136	0	42	27	
130	N137	0	52.5	27	
131	N138	13.667	52.5	27	
132	N139	31.917	52.5	27	
133	N140	13.667	42	27	
134	N141	31.917	42	27	
135	N142	45.583	42	27	
136	N143	45.583	52.5	27	
137	N145	47	21.5	10.5	
138	N146	47	31.5	10.5	
139	N147	47	42	10.5	
140	N148	47	0	34.5	
141	N144	47	0	-13.5	
142	N149	0	52.5	9	
143	N150	13.667	52.5	9	
144	N151	31.917	52.5	9	
145	N152	45.583	52.5	9	
146	N153	31.917	31.5	-54	
147	N154	31.917	42	-54	
148	N155	18.5212	21.5	-54	
149	N156	18.5212	31.5	-54	
150	N157	0	10	-54	
151	N158	0	21.5	-54	
152	N159	47	10	-54	
153	N160	47	21.5	-54	
154	N161	45.583	31.5	-54	
155	N162	47	31.5	-54	
156	N163	27.0628	10	-54	
157	N164	31.917	10	-54	
158	N165	0	31.5	-54	
159	N166	31.917	21.5	-54	
160	N167	27.0628	21.5	-54	
161	N168	31.917	52.5	-54	
162	N169	27.0628	31.5	-54	
163	N170	45.583	42	-54	
164	N171	47	42	-54	
165	N172	45.583	10	-54	
166	N173	0	42	-54	
167	N174	13.667	31.5	-54	
168	N175	13.667	42	-54	
169	N176	13.667	52.5	-54	
170	N177	18.5212	10	-54	
171	N178	45.583	21.5	-54	
172	N179	0	0	-54	
173	N180	0	52.5	-54	
174	N181	13.667	0	-54	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
175	N182	13.667	10	-54	
176	N183	13.667	21.5	-54	
177	N184	31.917	0	-54	
178	N185	47	0	-54	
179	N186	45.583	52.5	-54	
180	N187	13.667	56.167	0	
181	N188	31.917	56.167	0	
182	N189	13.667	56.167	-27	
183	N190	31.917	56.167	-27	
184	N191	13.667	56.167	14.917	
185	N192	31.917	56.167	14.917	
186	N193	24.917	56.167	-27	
187	N194	24.917	56.167	0	
188	N195	24.917	56.167	14.917	

Node Boundary Conditions

	Y [k/in]	X Rot [k-ft/rad]	X [k/in]	Z Rot [k-ft/rad]	Z [k/in]	Node Label	Y Rot [k-ft/rad]
1	Reaction		Reaction		Reaction	N7	Reaction
2	Reaction		Reaction		Reaction	N1	Reaction
3	Reaction		Reaction		Reaction	N13	Reaction
4	Reaction		Reaction		Reaction	N28	Reaction
5	Reaction		Reaction		Reaction	N36	Reaction
6	Reaction		Reaction		Reaction	N45	Reaction
7	Reaction		Reaction		Reaction	N47	Reaction
8	Reaction		Reaction		Reaction	N48	Reaction
9	Reaction		Reaction		Reaction	N70	Reaction
10	Reaction		Reaction		Reaction	N79	Reaction
11	Reaction		Reaction		Reaction	N92	Reaction
12	Reaction		Reaction		Reaction	N94	Reaction
13	Reaction		Reaction		Reaction	N102	Reaction
14	Reaction		Reaction		Reaction	N112	Reaction
15	Reaction		Reaction		Reaction	N114	Reaction
16	Reaction		Reaction		Reaction	N115	Reaction
17	Reaction	Reaction	Reaction	Reaction	Reaction	N144	Reaction
18	Reaction	Reaction	Reaction	Reaction	Reaction	N148	Reaction
19			Reaction		Reaction	N109	
20			Reaction		Reaction	N113	
21			Reaction		Reaction	N110	
22			Reaction		Reaction	N108	
23			Reaction		Reaction	N106	
24			Reaction			N2	
25			Reaction			N39	
26			Reaction			N82	
27			Reaction			N76	
28			Reaction			N41	
29			Reaction			N3	
30			Reaction			N4	
31			Reaction			N5	
32			Reaction			N6	
33			Reaction			N43	
34			Reaction			N46	
35			Reaction			N137	
36			Reaction			N83	
37			Reaction			N93	
38					Reaction	N126	
39					Reaction	N128	
40					Reaction	N119	
41					Reaction	N135	

Node Boundary Conditions (Continued)

	Y [k/in]	X Rot [k-ft/rad]	X [k/in]	Z Rot [k-ft/rad]	Z [k/in]	Node Label	Y Rot [k-ft/rad]
42					Reaction	N125	
43					Reaction	N107	
44					Reaction	N120	
45					Reaction	N123	
46					Reaction	N124	
47					Reaction	N116	
48					Reaction	N104	
49					Reaction	N118	
50					Reaction	N105	
51					Reaction	N129	
52					Reaction	N103	
53					Reaction	N121	
54			Reaction			N149	
55			Reaction			N150	
56			Reaction			N151	
57			Reaction			N152	
58			Reaction			N136	
59					Reaction	N85	
60					Reaction	N78	
61					Reaction	N95	
62					Reaction	N75	
63					Reaction	N71	
64					Reaction	N97	
65					Reaction	N54	
66					Reaction	N55	
67					Reaction	N57	
68					Reaction	N38	
69					Reaction	N50	
70					Reaction	N51	
71					Reaction	N14	
72					Reaction	N15	
73					Reaction	N16	
74					Reaction	N8	
75					Reaction	N9	
76					Reaction	N10	
77					Reaction	N153	
78					Reaction	N154	
79					Reaction	N156	
80			Reaction		Reaction	N157	
81			Reaction		Reaction	N158	
82					Reaction	N161	
83					Reaction	N163	
84					Reaction	N164	
85			Reaction		Reaction	N165	
86					Reaction	N166	
87					Reaction	N167	
88					Reaction	N168	
89					Reaction	N169	
90					Reaction	N170	
91					Reaction	N172	
92			Reaction		Reaction	N173	
93					Reaction	N174	
94					Reaction	N175	
95					Reaction	N176	
96					Reaction	N177	
97					Reaction	N178	
98	Reaction		Reaction		Reaction	N179	Reaction
99			Reaction		Reaction	N180	

Node Boundary Conditions (Continued)

	Y [k/in]	X Rot [k-ft/rad]	X [k/in]	Z Rot [k-ft/rad]	Z [k/in]	Node Label	Y Rot [k-ft/rad]
100	Reaction		Reaction		Reaction	N181	Reaction
101					Reaction	N182	
102					Reaction	N183	
103	Reaction		Reaction		Reaction	N184	Reaction
104	Reaction		Reaction		Reaction	N185	Reaction
105					Reaction	N186	
106					Reaction	N122	
107					Reaction	N159	
108					Reaction	N160	
109					Reaction	N162	

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [1e⁵°F⁻¹]	Density [k/ft³]	Yield [ksi]	Ry	Fu [ksi]	Rt
1	A992	29000	11154	0.3	0.65	0.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	0.3	0.65	0.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	0.3	0.65	0.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	0.3	0.65	0.527	42	1.4	58	1.3
5	A500 Gr.B RECT	29000	11154	0.3	0.65	0.527	46	1.4	58	1.3
6	A500 Gr.C RND	29000	11154	0.3	0.65	0.527	46	1.4	62	1.3
7	A500 Gr.C RECT	29000	11154	0.3	0.65	0.527	50	1.4	62	1.3
8	A53 Gr.B	29000	11154	0.3	0.65	0.49	35	1.6	60	1.2
9	A1085	29000	11154	0.3	0.65	0.49	50	1.4	65	1.3
10	A913 Gr.65	29000	11154	0.3	0.65	0.49	65	1.1	80	1.1

Cold Formed Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [1e⁵°F⁻¹]	Density [k/ft³]	Yield [ksi]	Fu [ksi]
1	A653 SS Gr33	29500	11346	0.3	0.65	0.49	33	45
2	A653 SS Gr50/1	29500	11346	0.3	0.65	0.49	50	65

Wood Properties

	Label	Type	Database	Species	Grade	Cm	Emod	Nu	Therm. Coeff. [1e⁵°F⁻¹]	Density [k/ft³]
1	DF	Solid Sawn	Visually Graded	Douglas Fir-Larch	No.1		1	0.3	0.3	0.035
2	SP	Solid Sawn	Visually Graded	Southern Pine	No.1		1	0.3	0.3	0.035
3	HF	Solid Sawn	Visually Graded	Hem-Fir	No.1		1	0.3	0.3	0.035
4	SPF	Solid Sawn	Visually Graded	Spruce-Pine-fir	No.1		1	0.3	0.3	0.035
5	24F-1.8E DF Balanced	Glulam	NDS Table 5A	24F-1.8E_DF_BAL	na		1	0.3	0.3	0.035
6	24F-1.8E DF Unbalanced	Glulam	NDS Table 5A	24F-1.8E_DF_UNBAL	na		1	0.3	0.3	0.035
7	24F-1.8E SP Balanced	Glulam	NDS Table 5A	24F-1.8E_SP_BAL	na		1	0.3	0.3	0.035
8	24F-1.8E SP Unbalanced	Glulam	NDS Table 5A	24F-1.8E_SP_UNBAL	na		1	0.3	0.3	0.035
9	1.3E-1600F_VERSALAM	SCL	Boise Cascade	1.3E-1600F_VERSALAM	na		1	0.3	0.3	0.035
10	1.35E LSL_SolidStart	SCL	Louisiana Pacific	1.35E LSL_SolidStart	na		1	0.3	0.3	0.035
11	1.3E_RIGIDLAM LVL	SCL	Roseburg Forest Products	1.3E_RIGIDLAM LVL	na		1	0.3	0.3	0.035
12	2.0E_DF Parallam PSL	SCL	TrusJoist	2.0E_DF Parallam PSL	na		1	0.3	0.3	0.035
13	LVL_PRL_1.5E_2250F	Custom	N/A	LVL_PRL_1.5E_2250F	na		1	0.3	0.3	0.035
14	LVL_Microlam_1.9E_2600F	Custom	N/A	LVL_Microllam_1.9E_2600F	na		1	0.3	0.3	0.035
15	PSL_Parallam_2.0E_2900F	Custom	N/A	PSL_Parallam_2.0E_2900F	na		1	0.3	0.3	0.035
16	LSL_TimberStrand_1.55E_2325F	Custom	N/A	LSL_TimberStrand_1.55E_2325F	na		1	0.3	0.3	0.035

Concrete Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [1e⁵°F⁻¹]	Density [k/ft³]	f'c [ksi]	Lambda	Flex Steel [ksi]	Shear Steel [ksi]
1	Conc3000NW	3156	1372	0.15	0.6	0.145	3	1	60	60
2	Conc3500NW	3409	1482	0.15	0.6	0.145	3.5	1	60	60
3	Conc4000NW	3644	1584	0.15	0.6	0.145	4	1	60	60

Concrete Properties (Continued)

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [1e⁵°F⁻¹]	Density [k/ft³]	f'c [ksi]	Lambda	Flex Steel [ksi]	Shear Steel [ksi]
4	Conc3000LW	2085	907	0.15	0.6	0.11	3	0.75	60	60
5	Conc3500LW	2252	979	0.15	0.6	0.11	3.5	0.75	60	60
6	Conc4000LW	2408	1047	0.15	0.6	0.11	4	0.75	60	60

Masonry Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [1e⁵°F⁻¹]	Self Weight [k/ft³]	f'm [ksi]	Flex Steel [ksi]	Shear Steel [ksi]
1	Concrete Matl	1350	540	0.25	0.6	Custom	1.5	60	60
2	Clay Matl	1050	420	0.25	0.6	Custom	1.5	60	60
3	Gen Masonry	1050	420	0.25	0.6	0.08	1.5	60	60

Aluminum Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [1e⁵°F⁻¹]	Density [k/ft³]	Table B.4	kt	Ftu [ksi]	Fty [ksi]	Fcy [ksi]	Fsu [ksi]	Ct
1	3003-H14	10100	3787.5	0.33	1.3	0.173	Table B.4-1	1	19	16	13	12	141
2	6061-T6	10100	3787.5	0.33	1.3	0.173	Table B.4-2	1	38	35	35	24	141
3	6063-T5	10100	3787.5	0.33	1.3	0.173	Table B.4-2	1	22	16	16	13	141
4	6063-T6	10100	3787.5	0.33	1.3	0.173	Table B.4-2	1	30	25	25	19	141
5	5052-H34	10200	3787.5	0.33	1.3	0.173	Table B.4-1	1	34	26	24	20	141
6	6061-T6 W	10100	3787.5	0.33	1.3	0.173	Table B.4-1	1	24	15	15	15	141

Stainless Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [1e⁵°F⁻¹]	Density [k/ft³]	n	Yield [ksi]	Fu [ksi]
1	A276 S316	28000	10780	0.3	0.93	0.5	5.6	30	75
2	A276 S321	29000	11165	0.3	0.73	0.48	5.6	65	94
3	A276 S304	28000	10780	0.3	0.93	0.49	5.6	30	75

General Materials Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [1e⁵°F⁻¹]	Density [k/ft³]	Plate Methodology
1	gen_Conc3NW	3155	1372	0.15	0.6	0.145	Isotropic
2	gen_Conc4NW	3644	1584	0.15	0.6	0.145	Isotropic
3	gen_Conc3LW	2085	906	0.15	0.6	0.11	Isotropic
4	gen_Conc4LW	2408	1047	0.15	0.6	0.11	Isotropic
5	gen_Alum	10100	4077	0.3	1.29	0.173	Isotropic
6	gen_Steel	29000	11154	0.3	0.65	0.49	Isotropic
7	gen_Plywood	1800	38	0	0.3	0.035	Isotropic
8	RIGID	1e+06		0.3	0	0	Isotropic
9	gen_Ortho	N/A	N/A	N/A	0.65	0.49	Orthotropic

Member Primary Data

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
1	M1	N1	N2		PIPE_4.0	Column	HSS Pipe	A53 Gr.B	Typical
2	M2	N2	N3		PIPE_4.0	Column	HSS Pipe	A53 Gr.B	Typical
3	M3	N3	N4		PIPE_4.0	Column	HSS Pipe	A53 Gr.B	Typical
4	M4	N4	N5		HSS4X4X4	Column	Tube	A500 Gr.B RECT	Typical
5	M5	N5	N6		HSS4X4X4	Column	Tube	A500 Gr.B RECT	Typical
6	M6	N7	N8		W8X58	Column	Wide Flange	A572 Gr.50	Typical
7	M7	N8	N9		W8X58	Column	Wide Flange	A572 Gr.50	Typical
8	M8	N9	N10		W8X40	Column	Wide Flange	A572 Gr.50	Typical
9	M9	N10	N11		W8X31	Column	Wide Flange	A36 Gr.36	Typical
10	M10	N11	N12		W8X31	Column	Wide Flange	A36 Gr.36	Typical
11	M11	N13	N14		W8X67	Column	Wide Flange	A572 Gr.50	Typical
12	M12	N14	N15		W8X48	Column	Wide Flange	A572 Gr.50	Typical
13	M13	N15	N16		W8X31	Column	Wide Flange	A572 Gr.50	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
14	M14	N16	N17	90	W10X60	Column	Wide Flange	A36 Gr.36	Typical
15	M15	N17	N18	90	W10X60	Column	Wide Flange	A36 Gr.36	Typical
16	M16	N19	N20		PIPE_4.0	Column	HSS Pipe	A53 Gr.B	Typical
17	M17	N20	N21		PIPE_4.0	Column	HSS Pipe	A53 Gr.B	Typical
18	M18	N22	N23		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
19	M19	N23	N24		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
20	M20	N25	N26		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
21	M21	N26	N27		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
22	M22	N2	N8		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
23	M23	N8	N22		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
24	M24	N22	N25		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
25	M25	N25	N14		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
26	M26	N14	N19		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
27	M27	N3	N9		W8X67	Beam	Wide Flange	A36 Gr.36	Typical
28	M28	N9	N23		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
29	M29	N23	N26		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
30	M30	N26	N15		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
31	M31	N15	N20		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
32	M32	N4	N10		W8X67	Beam	Wide Flange	A36 Gr.36	Typical
33	M33	N10	N24		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
34	M34	N24	N27		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
35	M35	N27	N16		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
36	M36	N16	N21		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
37	M37	N2	N9		RE6X0.5	VBrace	None	gen_Steel	DR1
38	M38	N9	N22		RE3X0.5	VBrace	None	gen_Steel	DR1
39	M39	N25	N15		RE3X0.5	VBrace	None	gen_Steel	DR1
40	M40	N15	N19		RE4X0.5	VBrace	None	gen_Steel	DR1
41	M41	N3	N10		RE10X0.5	VBrace	None	gen_Steel	DR1
42	M42	N10	N23		RE5X0.5	VBrace	None	gen_Steel	DR1
43	M43	N26	N16		RE5X0.5	VBrace	None	gen_Steel	DR1
44	M44	N16	N20		RE6X0.5	VBrace	None	gen_Steel	DR1
45	M45	N28	N29		W12X96	Column	Wide Flange	A36 Gr.36	Typical
46	M46	N29	N30		W12X96	Column	Wide Flange	A36 Gr.36	Typical
47	M47	N30	N31		W12X96	Column	Wide Flange	A36 Gr.36	Typical
48	M48	N31	N32		W12X96	Column	Wide Flange	A36 Gr.36	Typical
49	M49	N33	N34		HSS4X4X3	Column	Tube	A500 Gr.B RECT	Typical
50	M50	N5	N11		W12X35	Beam	Wide Flange	A36 Gr.36	Typical
51	M51	N11	N17		W10X45	Beam	Wide Flange	A36 Gr.36	Typical
52	M52	N17	N33		W12X50	Beam	Wide Flange	A36 Gr.36	Typical
53	M53	N33	N32		W12X50	Beam	Wide Flange	A36 Gr.36	Typical
54	M54	N6	N12		W8X10	Beam	Wide Flange	A36 Gr.36	Typical
55	M55	N12	N18		W16X57	Beam	Wide Flange	A36 Gr.36	Typical
56	M56	N18	N34		W10X19	Beam	Wide Flange	A36 Gr.36	Typical
57	M57	N19	N29	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
58	M58	N20	N30	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
59	M59	N21	N31	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
60	M60	N39	N41		PIPE_5.0XX	Column	HSS Pipe	A53 Gr.B	Typical
61	M61	N36	N39		PIPE_5.0XX	Column	HSS Pipe	A53 Gr.B	Typical
62	M62	N43	N46		HSS4X4X4	Column	Tube	A500 Gr.B RECT	Typical
63	M63	N51	N37		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
64	M64	N59	N60		PIPE_4.0	Column	HSS Pipe	A53 Gr.B	Typical
65	M65	N50	N51		W8X31	Column	Wide Flange	A572 Gr.50	Typical
66	M66	N65	N66		W12X96	Column	Wide Flange	A36 Gr.36	Typical
67	M68	N41	N43		PIPE_5.0X	Column	HSS Pipe	A53 Gr.B	Typical
68	M69	N63	N37		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
69	M70	N54	N55		W8X48	Column	Wide Flange	A572 Gr.50	Typical
70	M71	N50	N63		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
71	M72	N48	N38		W8X67	Column	Wide Flange	A572 Gr.50	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
72	M73	N53	N56		W10X45	Beam	Wide Flange	A36 Gr.36	Typical
73	M74	N38	N50		W8X48	Column	Wide Flange	A572 Gr.50	Typical
74	M75	N51	N53		W8X31	Column	Wide Flange	A36 Gr.36	Typical
75	M77	N37	N49		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
76	M78	N47	N54		W8X67	Column	Wide Flange	A572 Gr.50	Typical
77	M79	N55	N57		W8X31	Column	Wide Flange	A572 Gr.50	Typical
78	M80	N57	N56	90	W8X31	Column	Wide Flange	A36 Gr.36	Typical
79	M81	N45	N65		W12X96	Column	Wide Flange	A36 Gr.36	Typical
80	M83	N60	N61		PIPE_4.0	Column	HSS Pipe	A53 Gr.B	Typical
81	M84	N62	N63		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
82	M86	N35	N64		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
83	M87	N44	N67		W12X96	Column	Wide Flange	A36 Gr.36	Typical
84	M88	N49	N57		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
85	M89	N64	N49		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
86	M90	N39	N38		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
87	M91	N38	N62		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
88	M92	N52	N67		W12X50	Beam	Wide Flange	A36 Gr.36	Typical
89	M93	N62	N35		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
90	M94	N35	N54		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
91	M95	N54	N59		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
92	M96	N41	N50		W8X67	Beam	Wide Flange	A36 Gr.36	Typical
93	M97	N63	N64		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
94	M98	N51	N63		RE5X0.5	VBrace	None	gen_Steel	DR1
95	M99	N64	N55		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
96	M100	N55	N60		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
97	M101	N43	N51		W8X67	Beam	Wide Flange	A36 Gr.36	Typical
98	M102	N41	N51		RE6X0.5	VBrace	None	gen_Steel	DR1
99	M103	N57	N61		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
100	M104	N56	N52		W12X50	Beam	Wide Flange	A36 Gr.36	Typical
101	M105	N39	N50		RE4X0.5	VBrace	None	gen_Steel	DR1
102	M106	N66	N44		W12X96	Column	Wide Flange	A36 Gr.36	Typical
103	M107	N50	N62		RE3X0.5	VBrace	None	gen_Steel	DR1
104	M108	N35	N55		RE3X0.5	VBrace	None	gen_Steel	DR1
105	M109	N55	N59		RE4X0.5	VBrace	None	gen_Steel	DR1
106	M110	N64	N57		RE5X0.5	VBrace	None	gen_Steel	DR1
107	M111	N57	N60		RE6X0.5	VBrace	None	gen_Steel	DR1
108	M113	N46	N53		W12X35	Beam	Wide Flange	A36 Gr.36	Typical
109	M116	N59	N65	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
110	M117	N60	N66	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
111	M118	N61	N44	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
112	M119	N82	N76		PIPE_5.0XX	Column	HSS Pipe	A53 Gr.B	Typical
113	M120	N81	N101		W12X50	Beam	Wide Flange	A36 Gr.36	Typical
114	M121	N98	N77		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
115	M122	N69	N72		PIPE_4.0	Column	HSS Pipe	A53 Gr.B	Typical
116	M123	N76	N83		PIPE_5.0X	Column	HSS Pipe	A53 Gr.B	Typical
117	M124	N75	N71		W8X58	Column	Wide Flange	A572 Gr.50	Typical
118	M125	N85	N78		W8X58	Column	Wide Flange	A572 Gr.50	Typical
119	M126	N77	N71		RE4X0.5	VBrace	None	gen_Steel	DR1
120	M127	N83	N93		HSS4X4X4	Column	Tube	A500 Gr.B RECT	Typical
121	M128	N96	N81		W12X22	Beam	Wide Flange	A36 Gr.36	Typical
122	M129	N95	N84		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
123	M130	N78	N95		W8X40	Column	Wide Flange	A572 Gr.50	Typical
124	M131	N99	N97		RE5X0.5	VBrace	None	gen_Steel	DR1
125	M132	N74	N100		W12X96	Column	Wide Flange	A36 Gr.36	Typical
126	M134	N73	N84		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
127	M135	N78	N73		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
128	M136	N89	N96		W8X10	Beam	Wide Flange	A36 Gr.36	Typical
129	M137	N95	N89		W8X31	Column	Wide Flange	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
130	M139	N84	N91		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
131	M140	N97	N96	90	W8X31	Column	Wide Flange	A36 Gr.36	Typical
132	M141	N92	N74		W12X96	Column	Wide Flange	A36 Gr.36	Typical
133	M143	N72	N88		PIPE_4.0	Column	HSS Pipe	A53 Gr.B	Typical
134	M144	N98	N73		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
135	M146	N77	N99		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
136	M147	N97	N72		RE8X0.5	VBrace	None	gen_Steel	DR1
137	M148	N90	N101		W12X96	Column	Wide Flange	A36 Gr.36	Typical
138	M149	N91	N97		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
139	M150	N76	N95		RE9X0.75	VBrace	None	gen_Steel	DR1
140	M151	N99	N91		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
141	M152	N82	N85		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
142	M153	N85	N98		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
143	M154	N77	N75		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
144	M155	N75	N69		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
145	M156	N76	N78		W8X67	Beam	Wide Flange	A36 Gr.36	Typical
146	M157	N73	N99		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
147	M158	N95	N73		RE5X0.5	VBrace	None	gen_Steel	DR1
148	M159	N99	N71		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
149	M160	N71	N72		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
150	M161	N83	N95		W8X67	Beam	Wide Flange	A36 Gr.36	Typical
151	M162	N97	N88		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
152	M163	N100	N90		W12X96	Column	Wide Flange	A36 Gr.36	Typical
153	M164	N78	N98		RE4X0.5	VBrace	None	gen_Steel	DR1
154	M165	N71	N69		RE4X0.5	VBrace	None	gen_Steel	DR1
155	M167	N93	N89		W12X16	Beam	Wide Flange	A36 Gr.36	Typical
156	M170	N69	N74	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
157	M171	N72	N100	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
158	M172	N88	N90	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
159	M173	N70	N82		PIPE_5.0XX	Column	HSS Pipe	A53 Gr.B	Typical
160	M174	N82	N78		RE9X0.75	VBrace	None	gen_Steel	DR1
161	M175	N94	N85		W8X67	Column	Wide Flange	A572 Gr.50	Typical
162	M176	N79	N75		W8X67	Column	Wide Flange	A572 Gr.50	Typical
163	M177	N71	N97		W8X35	Column	Wide Flange	A572 Gr.50	Typical
164	M178	N70	N85		RE7X0.5	Beam	None	gen_Steel	DR1
165	M179	N94	N82		RE7X0.5	Beam	None	gen_Steel	DR1
166	M180	N76	N85		RE7X0.5	Beam	None	gen_Steel	DR1
167	M181	N83	N78	90	RE6X0.5	Beam	None	gen_Steel	DR1
168	M182	N110	N113		HSS4X4X4	Column	Tube	A500 Gr.B RECT	Typical
169	M183	N118	N104		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
170	M184	N108	N110		PIPE_5.0	Column	HSS Pipe	A53 Gr.B	Typical
171	M185	N117	N130		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
172	M186	N120	N107		W8X31	Column	Wide Flange	A36 Gr.36	Typical
173	M187	N127	N128		PIPE_4.0	Column	HSS Pipe	A53 Gr.B	Typical
174	M188	N107	N125		W16X57	Beam	Wide Flange	A36 Gr.36	Typical
175	M189	N129	N103		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
176	M190	N130	N131		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
177	M191	N118	N130		RE5X0.5	VBrace	None	gen_Steel	DR1
178	M193	N133	N111		W12X96	Column	Wide Flange	A36 Gr.36	Typical
179	M194	N123	N119		W12X50	Beam	Wide Flange	A36 Gr.36	Typical
180	M195	N124	N127		RE8X0.5	VBrace	None	gen_Steel	DR1
181	M196	N102	N106		PIPE_5.0XX	Column	HSS Pipe	A53 Gr.B	Typical
182	M197	N106	N108		PIPE_5.0X	Column	HSS Pipe	A53 Gr.B	Typical
183	M198	N113	N109		HSS4X4X4	Column	Tube	A500 Gr.B RECT	Typical
184	M199	N114	N105		W8X48	Column	Wide Flange	A572 Gr.50	Typical
185	M200	N105	N117		W8X35	Column	Wide Flange	A572 Gr.50	Typical
186	M201	N117	N118		W8X31	Column	Wide Flange	A572 Gr.50	Typical
187	M202	N118	N120		W8X31	Column	Wide Flange	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
188	M203	N115	N121		W8X67	Column	Wide Flange	A572 Gr.50	Typical
189	M204	N121	N122		W8X58	Column	Wide Flange	A572 Gr.50	Typical
190	M205	N122	N124		W8X35	Column	Wide Flange	A572 Gr.50	Typical
191	M206	N124	N123	90	W10X60	Column	Wide Flange	A36 Gr.36	Typical
192	M207	N123	N125	90	W10X60	Column	Wide Flange	A36 Gr.36	Typical
193	M208	N126	N127		PIPE_4.0	Column	HSS Pipe	A53 Gr.B	Typical
194	M209	N129	N130		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
195	M210	N130	N104		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
196	M211	N103	N131		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
197	M212	N131	N116		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
198	M213	N106	N105		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
199	M214	N105	N129		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
200	M215	N103	N121		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
201	M216	N121	N126		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
202	M217	N108	N117		W8X67	Beam	Wide Flange	A36 Gr.36	Typical
203	M218	N131	N122		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
204	M219	N122	N127		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
205	M220	N110	N118		W8X67	Beam	Wide Flange	A36 Gr.36	Typical
206	M221	N104	N116		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
207	M222	N116	N124		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
208	M223	N124	N128		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
209	M224	N117	N129		RE4X0.5	VBrace	None	gen_Steel	DR1
210	M225	N103	N122		RE4X0.5	VBrace	None	gen_Steel	DR1
211	M226	N122	N126		RE4X0.5	VBrace	None	gen_Steel	DR1
212	M228	N131	N124		RE5X0.5	VBrace	None	gen_Steel	DR1
213	M229	N112	N132		W12X96	Column	Wide Flange	A36 Gr.36	Typical
214	M230	N132	N133		W12X96	Column	Wide Flange	A36 Gr.36	Typical
215	M231	N111	N134		W12X96	Column	Wide Flange	A36 Gr.36	Typical
216	M232	N119	N135		HSS4X4X3	Column	Tube	A500 Gr.B RECT	Typical
217	M233	N113	N120		W12X35	Beam	Wide Flange	A36 Gr.36	Typical
218	M234	N120	N123		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
219	M235	N119	N134		W12X50	Beam	Wide Flange	A36 Gr.36	Typical
220	M236	N109	N107		W8X10	Beam	Wide Flange	A36 Gr.36	Typical
221	M237	N125	N135		W10X19	Beam	Wide Flange	A36 Gr.36	Typical
222	M238	N126	N132	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
223	M239	N127	N133	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
224	M240	N128	N111	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
225	M241	N136	N137		HSS4X4X4	Column	Tube	A500 Gr.B RECT	Typical
226	M242	N138	N139		W16X57	Beam	Wide Flange	A36 Gr.36	Typical
227	M243	N137	N138		W8X10	Beam	Wide Flange	A36 Gr.36	Typical
228	M244	N140	N138		HSS4X4X4	Column	Tube	A36 Gr.36	Typical
229	M245	N141	N139		HSS4X4X4	Column	Tube	A36 Gr.36	Typical
230	M246	N142	N143		HSS4X4X3	Column	Tube	A500 Gr.B RECT	Typical
231	M247	N139	N143		W10X19	Beam	Wide Flange	A36 Gr.36	Typical
232	M248	N6	N149		W12X35	Beam	Wide Flange	A36 Gr.36	Typical
233	M249	N12	N150		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
234	M250	N18	N151		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
235	M251	N34	N152		W18X40	Beam	Wide Flange	A36 Gr.36	Typical
236	M252	N109	N6		W12X35	Beam	Wide Flange	A36 Gr.36	Typical
237	M253	N107	N12		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
238	M254	N125	N18		W16X36	Beam	Wide Flange	A36 Gr.36	Typical
239	M255	N135	N34		W18X40	Beam	Wide Flange	A36 Gr.36	Typical
240	M256	N113	N5		W12X35	Beam	Wide Flange	A36 Gr.36	Typical
241	M257	N5	N46		W12X35	Beam	Wide Flange	A36 Gr.36	Typical
242	M258	N46	N136		W18X60	Beam	Wide Flange	A36 Gr.36	Typical
243	M259	N136	N93		W18X60	Beam	Wide Flange	A36 Gr.36	Typical
244	M260	N11	N53		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
245	M261	N53	N140		W16X57	Beam	Wide Flange	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
246	M262	N140	N89		W16X57	Beam	Wide Flange	A36 Gr.36	Typical
247	M263	N123	N17		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
248	M264	N17	N56		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
249	M265	N56	N141		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
250	M266	N141	N96		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
251	M267	N52	N142		W12X35	Beam	Wide Flange	A36 Gr.36	Typical
252	M268	N142	N81		W12X35	Beam	Wide Flange	A36 Gr.36	Typical
253	M269	N110	N4		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
254	M270	N4	N43		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
255	M271	N43	N83		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
256	M272	N128	N21		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
257	M273	N21	N61		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
258	M274	N61	N88		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
259	M275	N104	N24		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
260	M276	N24	N37		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
261	M277	N37	N84		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
262	M278	N116	N27		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
263	M279	N27	N49		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
264	M280	N49	N91		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
265	M281	N108	N3		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
266	M282	N3	N41		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
267	M283	N41	N76		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
268	M284	N127	N20		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
269	M285	N20	N60		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
270	M286	N60	N72		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
271	M287	N130	N23		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
272	M288	N23	N63		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
273	M289	N63	N73		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
274	M290	N131	N26		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
275	M291	N26	N64		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
276	M292	N64	N99		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
277	M293	N106	N2		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
278	M294	N2	N39		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
279	M295	N39	N82		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
280	M296	N126	N19		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
281	M297	N19	N59		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
282	M298	N59	N69		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
283	M299	N129	N22		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
284	M300	N22	N62		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
285	M301	N62	N98		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
286	M302	N103	N25		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
287	M303	N25	N35		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
288	M304	N35	N77		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
289	M305	N74	N65	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
290	M306	N65	N29	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
291	M307	N29	N132	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
292	M308	N100	N66	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
293	M309	N66	N145	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
294	M310	N145	N30	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
295	M311	N30	N133	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
296	M312	N90	N44	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
297	M313	N44	N146	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
298	M314	N146	N31	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
299	M315	N31	N111	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
300	M316	N101	N67	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
301	M317	N67	N147	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
302	M318	N147	N32	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
303	M319	N32	N134	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
304	M320	N148	N65		HSS12X12X6	Beam	Tube	A36 Gr.36	Typical
305	M321	N144	N29		HSS12X12X6	Beam	Tube	A36 Gr.36	Typical
306	M322	N65	N145		HSS8X8X4	Beam	Tube	A36 Gr.36	Typical
307	M323	N29	N145		HSS8X8X4	Beam	Tube	A36 Gr.36	Typical
308	M324	N66	N146		HSS8X8X4	Beam	Tube	A36 Gr.36	Typical
309	M325	N30	N146		HSS8X8X4	Beam	Tube	A36 Gr.36	Typical
310	M326	N44	N147		HSS8X8X4	Beam	Tube	A36 Gr.36	Typical
311	M327	N31	N147		HSS8X8X4	Beam	Tube	A36 Gr.36	Typical
312	M328	N149	N137		W12X35	Beam	Wide Flange	A36 Gr.36	Typical
313	M329	N150	N138		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
314	M330	N151	N139		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
315	M331	N152	N143		W18X40	Beam	Wide Flange	A36 Gr.36	Typical
316	M332	N136	N140		W10X26	Beam	Wide Flange	A36 Gr.36	Typical
317	M333	N140	N141		W10X26	Beam	Wide Flange	A36 Gr.36	Typical
318	M334	N141	N142		W10X26	Beam	Wide Flange	A36 Gr.36	Typical
319	M335	N153	N154	90	W8X31	Column	Wide Flange	A36 Gr.36	Typical
320	M336	N155	N156		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
321	M337	N157	N158		PIPE_5.0X	Column	HSS Pipe	A53 Gr.B	Typical
322	M338	N159	N160		W12X96	Column	Wide Flange	A36 Gr.36	Typical
323	M339	N161	N162	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
324	M340	N163	N164		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
325	M341	N158	N165		PIPE_5.0	Column	HSS Pipe	A53 Gr.B	Typical
326	M342	N163	N166		RE4X0.5	VBrace	None	gen_Steel	DR1
327	M343	N167	N166		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
328	M344	N154	N168	90	W8X31	Column	Wide Flange	A36 Gr.36	Typical
329	M345	N169	N153		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
330	M346	N155	N167		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
331	M347	N167	N153		RE5X0.5	VBrace	None	gen_Steel	DR1
332	M348	N170	N171		W12X50	Beam	Wide Flange	A36 Gr.36	Typical
333	M349	N164	N172		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
334	M350	N165	N173		HSS4X4X4	Column	Tube	A500 Gr.B RECT	Typical
335	M351	N174	N156		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
336	M352	N167	N169		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
337	M353	N175	N176		W8X31	Column	Wide Flange	A36 Gr.36	Typical
338	M354	N176	N168		W16X57	Beam	Wide Flange	A36 Gr.36	Typical
339	M355	N177	N163		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
340	M356	N174	N155		RE5X0.5	VBrace	None	gen_Steel	DR1
341	M357	N160	N162		W12X96	Column	Wide Flange	A36 Gr.36	Typical
342	M358	N154	N170		W12X50	Beam	Wide Flange	A36 Gr.36	Typical
343	M359	N153	N178		RE8X0.5	VBrace	None	gen_Steel	DR1
344	M360	N173	N175		W12X35	Beam	Wide Flange	A36 Gr.36	Typical
345	M361	N179	N157		PIPE_5.0XX	Column	HSS Pipe	A53 Gr.B	Typical
346	M362	N173	N180		HSS4X4X4	Column	Tube	A500 Gr.B RECT	Typical
347	M363	N181	N182		W8X48	Column	Wide Flange	A572 Gr.50	Typical
348	M364	N182	N183		W8X35	Column	Wide Flange	A572 Gr.50	Typical
349	M365	N183	N174		W8X31	Column	Wide Flange	A572 Gr.50	Typical
350	M366	N174	N175		W8X31	Column	Wide Flange	A36 Gr.36	Typical
351	M367	N184	N164		W8X67	Column	Wide Flange	A572 Gr.50	Typical
352	M368	N164	N166		W8X58	Column	Wide Flange	A572 Gr.50	Typical
353	M369	N166	N153		W8X35	Column	Wide Flange	A572 Gr.50	Typical
354	M370	N177	N155		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
355	M371	N163	N167		PIPE_3.0	Column	HSS Pipe	A53 Gr.B	Typical
356	M372	N157	N182		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
357	M373	N182	N177		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
358	M374	N158	N183		W8X67	Beam	Wide Flange	A36 Gr.36	Typical
359	M375	N166	N178		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
360	M376	N165	N174		W8X67	Beam	Wide Flange	A36 Gr.36	Typical
361	M377	N156	N169		W6X20	Beam	Wide Flange	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
362	M378	N153	N161		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
363	M379	N183	N177		RE4X0.5	VBrace	None	gen_Steel	DR1
364	M380	N166	N172		RE4X0.5	VBrace	None	gen_Steel	DR1
365	M381	N185	N159		W12X96	Column	Wide Flange	A36 Gr.36	Typical
366	M382	N162	N171		W12X96	Column	Wide Flange	A36 Gr.36	Typical
367	M383	N170	N186		HSS4X4X3	Column	Tube	A500 Gr.B RECT	Typical
368	M384	N175	N154		W8X24	Beam	Wide Flange	A36 Gr.36	Typical
369	M385	N180	N176		W8X10	Beam	Wide Flange	A36 Gr.36	Typical
370	M386	N168	N186		W10X19	Beam	Wide Flange	A36 Gr.36	Typical
371	M387	N172	N159	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
372	M388	N178	N160	90	W18X76	Beam	Wide Flange	A36 Gr.36	Typical
373	M389	N180	N109		W12X35	Beam	Wide Flange	A36 Gr.36	Typical
374	M390	N173	N113		W12X35	Beam	Wide Flange	A36 Gr.36	Typical
375	M391	N165	N110		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
376	M392	N158	N108		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
377	M393	N157	N106		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
378	M394	N163	N103		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
379	M395	N177	N129		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
380	M396	N133	N160	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
381	M397	N167	N131		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
382	M398	N134	N171	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
383	M399	N156	N104		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
384	M400	N178	N127		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
385	M401	N176	N107		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
386	M402	N168	N125		W16X36	Beam	Wide Flange	A36 Gr.36	Typical
387	M403	N132	N159	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
388	M404	N186	N135		W18X40	Beam	Wide Flange	A36 Gr.36	Typical
389	M405	N154	N123		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
390	M406	N161	N128		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
391	M407	N169	N116		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
392	M408	N155	N130		W8X40	Beam	Wide Flange	A36 Gr.36	Typical
393	M409	N111	N162	90	HSS8X6X4	Beam	Tube	A36 Gr.36	Typical
394	M410	N172	N126		W12X26	Beam	Wide Flange	A36 Gr.36	Typical
395	M411	N183	N155		W6X20	Beam	Wide Flange	A36 Gr.36	Typical
396	M412	N178	N161		PIPE_4.0	Column	HSS Pipe	A53 Gr.B	Typical
397	M413	N172	N178		PIPE_4.0	Column	HSS Pipe	A53 Gr.B	Typical
398	M414	N12	N187		PIPE_5.0X	Column	HSS Pipe	A992	Typical
399	M415	N107	N189		PIPE_5.0X	Column	HSS Pipe	A992	Typical
400	M416	N18	N188		PIPE_5.0X	Column	HSS Pipe	A992	Typical
401	M417	N125	N190		PIPE_5.0X	Column	HSS Pipe	A992	Typical
402	M418	N189	N187		W16X57	Beam	Wide Flange	A992	Typical
403	M419	N187	N191		W16X57	Beam	Wide Flange	A992	Typical
404	M420	N193	N194		W16X57	Beam	Wide Flange	A992	Typical
405	M421	N194	N195		W16X57	Beam	Wide Flange	A992	Typical
406	M422	N190	N188		W16X57	Beam	Wide Flange	A992	Typical
407	M423	N188	N192		W16X57	Beam	Wide Flange	A992	Typical
408	M424	N189	N193		W16X57	Beam	Wide Flange	A992	Typical
409	M425	N193	N190		W16X57	Beam	Wide Flange	A992	Typical
410	M426	N187	N194		W16X57	Beam	Wide Flange	A992	Typical
411	M427	N194	N188		W16X57	Beam	Wide Flange	A992	Typical
412	M428	N191	N195		W16X57	Beam	Wide Flange	A992	Typical
413	M429	N195	N192		W16X57	Beam	Wide Flange	A992	Typical

Member Advanced Data

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
1	M1			Yes	** NA **	None
2	M2			Yes	** NA **	None
3	M3			Yes	** NA **	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
4	M4			Yes	** NA **	None
5	M5			Yes	** NA **	None
6	M6			Yes	** NA **	None
7	M7			Yes	** NA **	None
8	M8			Yes	** NA **	None
9	M9			Yes	** NA **	None
10	M10			Yes	** NA **	None
11	M11			Yes	** NA **	None
12	M12			Yes	** NA **	None
13	M13			Yes	** NA **	None
14	M14			Yes	** NA **	None
15	M15			Yes	** NA **	None
16	M16			Yes	** NA **	None
17	M17			Yes	** NA **	None
18	M18			Yes	** NA **	None
19	M19			Yes	** NA **	None
20	M20			Yes	** NA **	None
21	M21			Yes	** NA **	None
22	M22	BenPIN	BenPIN	Yes	Default	None
23	M23	BenPIN		Yes	Default	None
24	M24			Yes	Default	None
25	M25		BenPIN	Yes	Default	None
26	M26	BenPIN	BenPIN	Yes	Default	None
27	M27	BenPIN	BenPIN	Yes	Default	None
28	M28	BenPIN		Yes	Default	None
29	M29			Yes	Default	None
30	M30		BenPIN	Yes	Default	None
31	M31	BenPIN	BenPIN	Yes	Default	None
32	M32	BenPIN	BenPIN	Yes	Default	None
33	M33	BenPIN		Yes	Default	None
34	M34			Yes	Default	None
35	M35		BenPIN	Yes	Default	None
36	M36	BenPIN	BenPIN	Yes	Default	None
37	M37	BenPIN	BenPIN	Yes	** NA **	None
38	M38	BenPIN	BenPIN	Yes	** NA **	None
39	M39	BenPIN	BenPIN	Yes	** NA **	None
40	M40	BenPIN	BenPIN	Yes	** NA **	None
41	M41	BenPIN	BenPIN	Yes	** NA **	None
42	M42	BenPIN	BenPIN	Yes	** NA **	None
43	M43	BenPIN	BenPIN	Yes	** NA **	None
44	M44	BenPIN	BenPIN	Yes	** NA **	None
45	M45			Yes	** NA **	None
46	M46			Yes	** NA **	None
47	M47			Yes	** NA **	None
48	M48			Yes	** NA **	None
49	M49	BenPIN		Yes	** NA **	None
50	M50	BenPIN	BenPIN	Yes	Default	None
51	M51	BenPIN	BenPIN	Yes	Default	None
52	M52	BenPIN		Yes	Default	None
53	M53		BenPIN	Yes	Default	None
54	M54	BenPIN	BenPIN	Yes	Default	None
55	M55	BenPIN	BenPIN	Yes	Default	None
56	M56	BenPIN	BenPIN	Yes	Default	None
57	M57		BenPIN	Yes	Default	None
58	M58		BenPIN	Yes	Default	None
59	M59		BenPIN	Yes	Default	None
60	M60			Yes	** NA **	None
61	M61			Yes	** NA **	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
62	M62			Yes	** NA **	None
63	M63	BenPIN		Yes	Default	None
64	M64			Yes	** NA **	None
65	M65			Yes	** NA **	None
66	M66			Yes	** NA **	None
67	M68			Yes	** NA **	None
68	M69			Yes	** NA **	None
69	M70			Yes	** NA **	None
70	M71	BenPIN		Yes	Default	None
71	M72			Yes	** NA **	None
72	M73	BenPIN	BenPIN	Yes	Default	None
73	M74			Yes	** NA **	None
74	M75			Yes	** NA **	None
75	M77			Yes	Default	None
76	M78			Yes	** NA **	None
77	M79			Yes	** NA **	None
78	M80			Yes	** NA **	None
79	M81			Yes	** NA **	None
80	M83			Yes	** NA **	None
81	M84			Yes	** NA **	None
82	M86			Yes	** NA **	None
83	M87			Yes	** NA **	None
84	M88		BenPIN	Yes	Default	None
85	M89			Yes	** NA **	None
86	M90	BenPIN	BenPIN	Yes	Default	None
87	M91	BenPIN		Yes	Default	None
88	M92		BenPIN	Yes	Default	None
89	M93			Yes	Default	None
90	M94		BenPIN	Yes	Default	None
91	M95	BenPIN	BenPIN	Yes	Default	None
92	M96	BenPIN	BenPIN	Yes	Default	None
93	M97			Yes	Default	None
94	M98	BenPIN	BenPIN	Yes	** NA **	None
95	M99		BenPIN	Yes	Default	None
96	M100	BenPIN	BenPIN	Yes	Default	None
97	M101	BenPIN	BenPIN	Yes	Default	None
98	M102	BenPIN	BenPIN	Yes	** NA **	None
99	M103	BenPIN	BenPIN	Yes	Default	None
100	M104	BenPIN		Yes	Default	None
101	M105	BenPIN	BenPIN	Yes	** NA **	None
102	M106			Yes	** NA **	None
103	M107	BenPIN	BenPIN	Yes	** NA **	None
104	M108	BenPIN	BenPIN	Yes	** NA **	None
105	M109	BenPIN	BenPIN	Yes	** NA **	None
106	M110	BenPIN	BenPIN	Yes	** NA **	None
107	M111	BenPIN	BenPIN	Yes	** NA **	None
108	M113	BenPIN	BenPIN	Yes	Default	None
109	M116		BenPIN	Yes	Default	None
110	M117		BenPIN	Yes	Default	None
111	M118		BenPIN	Yes	Default	None
112	M119			Yes	** NA **	None
113	M120		BenPIN	Yes	Default	None
114	M121			Yes	Default	None
115	M122			Yes	** NA **	None
116	M123			Yes	** NA **	None
117	M124			Yes	** NA **	None
118	M125			Yes	** NA **	None
119	M126	BenPIN	BenPIN	Yes	** NA **	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
120	M127			Yes	** NA **	None
121	M128	BenPIN		Yes	Default	None
122	M129	BenPIN		Yes	Default	None
123	M130			Yes	** NA **	None
124	M131	BenPIN	BenPIN	Yes	** NA **	None
125	M132			Yes	** NA **	None
126	M134			Yes	** NA **	None
127	M135	BenPIN		Yes	Default	None
128	M136	BenPIN	BenPIN	Yes	Default	None
129	M137			Yes	** NA **	None
130	M139			Yes	Default	None
131	M140			Yes	** NA **	None
132	M141			Yes	** NA **	None
133	M143			Yes	** NA **	None
134	M144			Yes	** NA **	None
135	M146			Yes	** NA **	None
136	M147	BenPIN	BenPIN	Yes	** NA **	None
137	M148			Yes	** NA **	None
138	M149		BenPIN	Yes	Default	None
139	M150	BenPIN	BenPIN	Yes	** NA **	None
140	M151			Yes	** NA **	None
141	M152	BenPIN	BenPIN	Yes	Default	None
142	M153	BenPIN		Yes	Default	None
143	M154		BenPIN	Yes	Default	None
144	M155	BenPIN	BenPIN	Yes	Default	None
145	M156	BenPIN	BenPIN	Yes	Default	None
146	M157			Yes	Default	None
147	M158	BenPIN	BenPIN	Yes	** NA **	None
148	M159		BenPIN	Yes	Default	None
149	M160	BenPIN	BenPIN	Yes	Default	None
150	M161	BenPIN	BenPIN	Yes	Default	None
151	M162	BenPIN	BenPIN	Yes	Default	None
152	M163			Yes	** NA **	None
153	M164	BenPIN	BenPIN	Yes	** NA **	None
154	M165	BenPIN	BenPIN	Yes	** NA **	None
155	M167	BenPIN	BenPIN	Yes	Default	None
156	M170		BenPIN	Yes	Default	None
157	M171		BenPIN	Yes	Default	None
158	M172		BenPIN	Yes	Default	None
159	M173			Yes	** NA **	None
160	M174	BenPIN	BenPIN	Yes	** NA **	None
161	M175			Yes	** NA **	None
162	M176			Yes	** NA **	None
163	M177			Yes	** NA **	None
164	M178	BenPIN	BenPIN	Yes	Default	None
165	M179	BenPIN	BenPIN	Yes	Default	None
166	M180	BenPIN	BenPIN	Yes	Default	None
167	M181	BenPIN	BenPIN	Yes	Default	None
168	M182			Yes	** NA **	None
169	M183	BenPIN		Yes	Default	None
170	M184			Yes	** NA **	None
171	M185	BenPIN		Yes	Default	None
172	M186			Yes	** NA **	None
173	M187			Yes	** NA **	None
174	M188	BenPIN	BenPIN	Yes	Default	None
175	M189			Yes	Default	None
176	M190			Yes	Default	None
177	M191	BenPIN	BenPIN	Yes	** NA **	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
178	M193			Yes	** NA **	None
179	M194	BenPIN		Yes	Default	None
180	M195	BenPIN	BenPIN	Yes	** NA **	None
181	M196			Yes	** NA **	None
182	M197			Yes	** NA **	None
183	M198			Yes	** NA **	None
184	M199			Yes	** NA **	None
185	M200			Yes	** NA **	None
186	M201			Yes	** NA **	None
187	M202			Yes	** NA **	None
188	M203			Yes	** NA **	None
189	M204			Yes	** NA **	None
190	M205			Yes	** NA **	None
191	M206			Yes	** NA **	None
192	M207			Yes	** NA **	None
193	M208			Yes	** NA **	None
194	M209			Yes	** NA **	None
195	M210			Yes	** NA **	None
196	M211			Yes	** NA **	None
197	M212			Yes	** NA **	None
198	M213	BenPIN	BenPIN	Yes	Default	None
199	M214	BenPIN		Yes	Default	None
200	M215		BenPIN	Yes	Default	None
201	M216	BenPIN	BenPIN	Yes	Default	None
202	M217	BenPIN	BenPIN	Yes	Default	None
203	M218		BenPIN	Yes	Default	None
204	M219	BenPIN	BenPIN	Yes	Default	None
205	M220	BenPIN	BenPIN	Yes	Default	None
206	M221			Yes	Default	None
207	M222		BenPIN	Yes	Default	None
208	M223	BenPIN	BenPIN	Yes	Default	None
209	M224	BenPIN	BenPIN	Yes	** NA **	None
210	M225	BenPIN	BenPIN	Yes	** NA **	None
211	M226	BenPIN	BenPIN	Yes	** NA **	None
212	M228	BenPIN	BenPIN	Yes	** NA **	None
213	M229			Yes	** NA **	None
214	M230			Yes	** NA **	None
215	M231			Yes	** NA **	None
216	M232	BenPIN		Yes	** NA **	None
217	M233	BenPIN	BenPIN	Yes	Default	None
218	M234	BenPIN	BenPIN	Yes	Default	None
219	M235		BenPIN	Yes	Default	None
220	M236	BenPIN	BenPIN	Yes	Default	None
221	M237	BenPIN	BenPIN	Yes	Default	None
222	M238		BenPIN	Yes	Default	None
223	M239		BenPIN	Yes	Default	None
224	M240		BenPIN	Yes	Default	None
225	M241	BenPIN		Yes	** NA **	None
226	M242	BenPIN	BenPIN	Yes	Default	None
227	M243	BenPIN	BenPIN	Yes	Default	None
228	M244	BenPIN		Yes	** NA **	None
229	M245	BenPIN		Yes	** NA **	None
230	M246	BenPIN		Yes	** NA **	None
231	M247	BenPIN	BenPIN	Yes	Default	None
232	M248	BenPIN		Yes	Default	None
233	M249	BenPIN		Yes	Default	None
234	M250	BenPIN		Yes	Default	None
235	M251	BenPIN		Yes	Default	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
236	M252	BenPIN	BenPIN	Yes	Default	None
237	M253	BenPIN	BenPIN	Yes	Default	None
238	M254			Yes	Default	None
239	M255	BenPIN	BenPIN	Yes	Default	None
240	M256	BenPIN	BenPIN	Yes	Default	None
241	M257	BenPIN	BenPIN	Yes	Default	None
242	M258	BenPIN		Yes	Default	None
243	M259		BenPIN	Yes	Default	None
244	M260	BenPIN		Yes	Default	None
245	M261			Yes	Default	None
246	M262		BenPIN	Yes	Default	None
247	M263			Yes	Default	None
248	M264			Yes	Default	None
249	M265			Yes	Default	None
250	M266		BenPIN	Yes	Default	None
251	M267	BenPIN		Yes	Default	None
252	M268		BenPIN	Yes	Default	None
253	M269	BenPIN	BenPIN	Yes	Default	None
254	M270	BenPIN	BenPIN	Yes	Default	None
255	M271	BenPIN	BenPIN	Yes	Default	None
256	M272	BenPIN	BenPIN	Yes	Default	None
257	M273	BenPIN	BenPIN	Yes	Default	None
258	M274	BenPIN	BenPIN	Yes	Default	None
259	M275	BenPIN	BenPIN	Yes	Default	None
260	M276	BenPIN	BenPIN	Yes	Default	None
261	M277	BenPIN	BenPIN	Yes	Default	None
262	M278	BenPIN	BenPIN	Yes	Default	None
263	M279	BenPIN	BenPIN	Yes	Default	None
264	M280	BenPIN	BenPIN	Yes	Default	None
265	M281	BenPIN	BenPIN	Yes	Default	None
266	M282	BenPIN	BenPIN	Yes	Default	None
267	M283	BenPIN	BenPIN	Yes	Default	None
268	M284	BenPIN	BenPIN	Yes	Default	None
269	M285	BenPIN	BenPIN	Yes	Default	None
270	M286	BenPIN	BenPIN	Yes	Default	None
271	M287	BenPIN	BenPIN	Yes	Default	None
272	M288	BenPIN	BenPIN	Yes	Default	None
273	M289	BenPIN	BenPIN	Yes	Default	None
274	M290	BenPIN	BenPIN	Yes	Default	None
275	M291	BenPIN	BenPIN	Yes	Default	None
276	M292	BenPIN	BenPIN	Yes	Default	None
277	M293	BenPIN	BenPIN	Yes	Default	None
278	M294	BenPIN	BenPIN	Yes	Default	None
279	M295	BenPIN	BenPIN	Yes	Default	None
280	M296	BenPIN	BenPIN	Yes	Default	None
281	M297	BenPIN	BenPIN	Yes	Default	None
282	M298	BenPIN	BenPIN	Yes	Default	None
283	M299	BenPIN	BenPIN	Yes	Default	None
284	M300	BenPIN	BenPIN	Yes	Default	None
285	M301	BenPIN	BenPIN	Yes	Default	None
286	M302	BenPIN	BenPIN	Yes	Default	None
287	M303	BenPIN	BenPIN	Yes	Default	None
288	M304	BenPIN	BenPIN	Yes	Default	None
289	M305	BenPIN	BenPIN	Yes	Default	None
290	M306	BenPIN	BenPIN	Yes	Default	None
291	M307	BenPIN	BenPIN	Yes	Default	None
292	M308	BenPIN	BenPIN	Yes	Default	None
293	M309	BenPIN		Yes	Default	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
294	M310		BenPIN	Yes	Default	None
295	M311	BenPIN	BenPIN	Yes	Default	None
296	M312	BenPIN	BenPIN	Yes	Default	None
297	M313	BenPIN		Yes	Default	None
298	M314		BenPIN	Yes	Default	None
299	M315	BenPIN	BenPIN	Yes	Default	None
300	M316	BenPIN	BenPIN	Yes	Default	None
301	M317	BenPIN		Yes	Default	None
302	M318		BenPIN	Yes	Default	None
303	M319	BenPIN	BenPIN	Yes	Default	None
304	M320	BenPIN	BenPIN	Yes	Default	None
305	M321	BenPIN	BenPIN	Yes	Default	None
306	M322	BenPIN	BenPIN	Yes	Default	None
307	M323	BenPIN	BenPIN	Yes	Default	None
308	M324	BenPIN	BenPIN	Yes	Default	None
309	M325	BenPIN	BenPIN	Yes	Default	None
310	M326	BenPIN	BenPIN	Yes	Default	None
311	M327	BenPIN	BenPIN	Yes	Default	None
312	M328		BenPIN	Yes	Default	None
313	M329		BenPIN	Yes	Default	None
314	M330		BenPIN	Yes	Default	None
315	M331		BenPIN	Yes	Default	None
316	M332	BenPIN	BenPIN	Yes	Default	None
317	M333	BenPIN	BenPIN	Yes	Default	None
318	M334	BenPIN	BenPIN	Yes	Default	None
319	M335			Yes	** NA **	None
320	M336			Yes	** NA **	None
321	M337			Yes	** NA **	None
322	M338			Yes	** NA **	None
323	M339		BenPIN	Yes	Default	None
324	M340		BenPIN	Yes	Default	None
325	M341			Yes	** NA **	None
326	M342	BenPIN	BenPIN	Yes	** NA **	None
327	M343		BenPIN	Yes	Default	None
328	M344			Yes	** NA **	None
329	M345		BenPIN	Yes	Default	None
330	M346			Yes	Default	None
331	M347	BenPIN	BenPIN	Yes	** NA **	None
332	M348		BenPIN	Yes	Default	None
333	M349	BenPIN	BenPIN	Yes	Default	None
334	M350			Yes	** NA **	None
335	M351	BenPIN		Yes	Default	None
336	M352			Yes	** NA **	None
337	M353			Yes	** NA **	None
338	M354	BenPIN	BenPIN	Yes	Default	None
339	M355			Yes	Default	None
340	M356	BenPIN	BenPIN	Yes	** NA **	None
341	M357			Yes	** NA **	None
342	M358	BenPIN		Yes	Default	None
343	M359	BenPIN	BenPIN	Yes	** NA **	None
344	M360	BenPIN	BenPIN	Yes	Default	None
345	M361			Yes	** NA **	None
346	M362			Yes	** NA **	None
347	M363			Yes	** NA **	None
348	M364			Yes	** NA **	None
349	M365			Yes	** NA **	None
350	M366			Yes	** NA **	None
351	M367			Yes	** NA **	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
352	M368			Yes	** NA **	None
353	M369			Yes	** NA **	None
354	M370			Yes	** NA **	None
355	M371			Yes	** NA **	None
356	M372	BenPIN	BenPIN	Yes	Default	None
357	M373	BenPIN		Yes	Default	None
358	M374	BenPIN	BenPIN	Yes	Default	None
359	M375	BenPIN	BenPIN	Yes	Default	None
360	M376	BenPIN	BenPIN	Yes	Default	None
361	M377			Yes	Default	None
362	M378	BenPIN	BenPIN	Yes	Default	None
363	M379	BenPIN	BenPIN	Yes	** NA **	None
364	M380	BenPIN	BenPIN	Yes	** NA **	None
365	M381			Yes	** NA **	None
366	M382			Yes	** NA **	None
367	M383	BenPIN		Yes	** NA **	None
368	M384	BenPIN	BenPIN	Yes	Default	None
369	M385	BenPIN	BenPIN	Yes	Default	None
370	M386	BenPIN	BenPIN	Yes	Default	None
371	M387		BenPIN	Yes	Default	None
372	M388		BenPIN	Yes	Default	None
373	M389	BenPIN	BenPIN	Yes	Default	None
374	M390	BenPIN	BenPIN	Yes	Default	None
375	M391	BenPIN	BenPIN	Yes	Default	None
376	M392	BenPIN	BenPIN	Yes	Default	None
377	M393	BenPIN	BenPIN	Yes	Default	None
378	M394	BenPIN	BenPIN	Yes	Default	None
379	M395	BenPIN	BenPIN	Yes	Default	None
380	M396	BenPIN	BenPIN	Yes	Default	None
381	M397	BenPIN	BenPIN	Yes	Default	None
382	M398	BenPIN	BenPIN	Yes	Default	None
383	M399	BenPIN	BenPIN	Yes	Default	None
384	M400	BenPIN	BenPIN	Yes	Default	None
385	M401	BenPIN	BenPIN	Yes	Default	None
386	M402			Yes	Default	None
387	M403	BenPIN	BenPIN	Yes	Default	None
388	M404	BenPIN	BenPIN	Yes	Default	None
389	M405			Yes	Default	None
390	M406	BenPIN	BenPIN	Yes	Default	None
391	M407	BenPIN	BenPIN	Yes	Default	None
392	M408	BenPIN	BenPIN	Yes	Default	None
393	M409	BenPIN	BenPIN	Yes	Default	None
394	M410	BenPIN	BenPIN	Yes	Default	None
395	M411	BenPIN		Yes	Default	None
396	M412			Yes	** NA **	None
397	M413			Yes	** NA **	None
398	M414	BenPIN		Yes	** NA **	None
399	M415	BenPIN		Yes	** NA **	None
400	M416	BenPIN		Yes	** NA **	None
401	M417	BenPIN		Yes	** NA **	None
402	M418			Yes	Default	None
403	M419		BenPIN	Yes	Default	None
404	M420	BenPIN		Yes	Default	None
405	M421		BenPIN	Yes	Default	None
406	M422			Yes	Default	None
407	M423		BenPIN	Yes	Default	None
408	M424			Yes	Default	None
409	M425			Yes	Default	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
410	M426			Yes	Default	None
411	M427			Yes	Default	None
412	M428	BenPIN		Yes	Default	None
413	M429		BenPIN	Yes	Default	None

Member Point Loads (BLC 1 : DL)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	M252	y	-1.23	9
2	M255	y	-1.23	9
3	M252	y	-1.23	18
4	M255	y	-1.23	18
5	M253	y	-2.88	9
6	M254	y	-2.88	9
7	M253	y	-2.88	18
8	M254	y	-2.88	18
9	M328	y	-1.23	9
10	M331	y	-1.23	9
11	M329	y	-2.88	9
12	M330	y	-2.88	9
13	M259	y	-1.435	9
14	M268	y	-1.435	9
15	M262	y	-3.36	9
16	M266	y	-3.36	9
17	M233	y	-9.18	4
18	M233	y	-9.18	8
19	M233	y	-9.18	12
20	M234	y	-6.12	2.333
21	M234	y	-6.12	6.333
22	M234	y	-6.12	10.333
23	M234	y	-6.12	14.333
24	M194	y	-9.18	4
25	M194	y	-9.18	8
26	M194	y	-9.18	12
27	M50	y	-8.16	4
28	M50	y	-8.16	8
29	M50	y	-8.16	12
30	M51	y	-8.16	2.333
31	M51	y	-8.16	6.333
32	M51	y	-8.16	10.333
33	M51	y	-8.16	14.333
34	M52	y	-8.16	4
35	M52	y	-8.16	8
36	M52	y	-8.16	12
37	M113	y	-4.59	4
38	M113	y	-4.59	8
39	M113	y	-4.59	12
40	M73	y	-4.59	2.333
41	M73	y	-4.59	6.333
42	M73	y	-4.59	10.333
43	M73	y	-4.59	14.333
44	M104	y	-4.59	4
45	M104	y	-4.59	8
46	M104	y	-4.59	12
47	M332	y	-1.02	4
48	M332	y	-1.02	8
49	M332	y	-1.02	12
50	M333	y	-1.02	2.333
51	M333	y	-1.02	6.333

Member Point Loads (BLC 1 : DL) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
52	M333	y	-1.02	10.333
53	M333	y	-1.02	14.333
54	M334	y	-1.02	4
55	M334	y	-1.02	8
56	M334	y	-1.02	12
57	M220	y	-6.48	3.521
58	M217	y	-6.48	3.521
59	M213	y	-6.48	3.521
60	M161	y	-6.48	3.521
61	M156	y	-6.48	3.521
62	M152	y	-6.48	3.521
63	M161	y	-6.48	6.521
64	M156	y	-6.48	6.521
65	M152	y	-6.48	6.521
66	M220	y	-6.48	6.521
67	M217	y	-6.48	6.521
68	M213	y	-6.48	6.521
69	M220	y	-6.48	9.521
70	M217	y	-6.48	9.521
71	M213	y	-6.48	9.521
72	M152	y	-6.48	9.521
73	M156	y	-6.48	9.521
74	M161	y	-6.48	9.521
75	M161	y	-6.48	12.521
76	M156	y	-6.48	12.521
77	M152	y	-6.48	12.521
78	M213	y	-6.48	12.521
79	M217	y	-6.48	12.521
80	M220	y	-6.48	12.521
81	M214	y	-6.48	1.854
82	M185	y	-6.48	1.854
83	M183	y	-6.48	1.854
84	M153	y	-6.48	1.854
85	M135	y	-6.48	1.854
86	M129	y	-6.48	1.854
87	M154	y	-6.48	3
88	M159	y	-6.48	3
89	M149	y	-6.48	3
90	M215	y	-6.48	3
91	M218	y	-6.48	3
92	M222	y	-6.48	3
93	M216	y	-6.48	1.146
94	M219	y	-6.48	1.146
95	M223	y	-6.48	1.146
96	M155	y	-6.48	1.146
97	M160	y	-6.48	1.146
98	M162	y	-6.48	1.146
99	M162	y	-6.48	4.146
100	M160	y	-6.48	4.146
101	M155	y	-6.48	4.146
102	M216	y	-6.48	4.146
103	M219	y	-6.48	4.146
104	M223	y	-6.48	4.146
105	M216	y	-6.48	7.146
106	M219	y	-6.48	7.146
107	M223	y	-6.48	7.146
108	M155	y	-6.48	7.146
109	M160	y	-6.48	7.146

Member Point Loads (BLC 1 : DL) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
110	M162	y	-6.48	7.146
111	M155	y	-6.48	10.146
112	M160	y	-6.48	10.146
113	M162	y	-6.48	10.146
114	M216	y	-6.48	10.146
115	M219	y	-6.48	10.146
116	M223	y	-6.48	10.146
117	M90	y	-5.76	3.521
118	M96	y	-5.76	3.521
119	M101	y	-5.76	3.521
120	M22	y	-5.76	3.521
121	M27	y	-5.76	3.521
122	M32	y	-5.76	3.521
123	M22	y	-5.76	6.521
124	M27	y	-5.76	6.521
125	M32	y	-5.76	6.521
126	M90	y	-5.76	6.521
127	M96	y	-5.76	6.521
128	M101	y	-5.76	6.521
129	M22	y	-5.76	9.521
130	M27	y	-5.76	9.521
131	M32	y	-5.76	9.521
132	M101	y	-5.76	9.521
133	M96	y	-5.76	9.521
134	M90	y	-5.76	9.521
135	M22	y	-5.76	12.521
136	M27	y	-5.76	12.521
137	M32	y	-5.76	12.521
138	M90	y	-5.76	12.521
139	M96	y	-5.76	12.521
140	M101	y	-5.76	12.521
141	M23	y	-5.76	1.854
142	M28	y	-5.76	1.854
143	M33	y	-5.76	1.854
144	M63	y	-5.76	1.854
145	M71	y	-5.76	1.854
146	M91	y	-5.76	1.854
147	M25	y	-5.76	3
148	M30	y	-5.76	3
149	M35	y	-5.76	3
150	M94	y	-5.76	3
151	M99	y	-5.76	3
152	M88	y	-5.76	3
153	M26	y	-5.76	1.146
154	M31	y	-5.76	1.146
155	M36	y	-5.76	1.146
156	M95	y	-5.76	1.146
157	M100	y	-5.76	1.146
158	M103	y	-5.76	1.146
159	M26	y	-5.76	4.146
160	M31	y	-5.76	4.146
161	M36	y	-5.76	4.146
162	M95	y	-5.76	4.146
163	M100	y	-5.76	4.146
164	M103	y	-5.76	4.146
165	M26	y	-5.76	7.146
166	M31	y	-5.76	7.146
167	M36	y	-5.76	7.146

Member Point Loads (BLC 1 : DL) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
168	M95	y	-5.76	7.146
169	M100	y	-5.76	7.146
170	M103	y	-5.76	7.146
171	M26	y	-5.76	10.146
172	M31	y	-5.76	10.146
173	M36	y	-5.76	10.146
174	M95	y	-5.76	10.146
175	M100	y	-5.76	10.146
176	M103	y	-5.76	10.146
177	M340	y	-6.48	3
178	M343	y	-6.48	3
179	M345	y	-6.48	3
180	M349	y	-6.48	7.146
181	M349	y	-6.48	4.146
182	M349	y	-6.48	1.146
183	M349	y	-6.48	10.146
184	M351	y	-6.48	1.854
185	M358	y	-9.18	8
186	M358	y	-9.18	12
187	M358	y	-9.18	4
188	M360	y	-9.18	8
189	M360	y	-9.18	4
190	M360	y	-9.18	12
191	M372	y	-6.48	6.521
192	M372	y	-6.48	12.521
193	M372	y	-6.48	3.521
194	M372	y	-6.48	9.521
195	M373	y	-6.48	1.854
196	M374	y	-6.48	6.521
197	M374	y	-6.48	12.521
198	M374	y	-6.48	3.521
199	M374	y	-6.48	9.521
200	M375	y	-6.48	10.146
201	M375	y	-6.48	4.146
202	M375	y	-6.48	7.146
203	M375	y	-6.48	1.146
204	M376	y	-6.48	12.521
205	M376	y	-6.48	3.521
206	M376	y	-6.48	9.521
207	M376	y	-6.48	6.521
208	M378	y	-6.48	4.146
209	M378	y	-6.48	1.146
210	M378	y	-6.48	7.146
211	M378	y	-6.48	10.146
212	M384	y	-6.12	2.333
213	M384	y	-6.12	6.333
214	M384	y	-6.12	14.333
215	M384	y	-6.12	10.333
216	M389	y	-1.23	9
217	M389	y	-1.23	18
218	M401	y	-2.88	9
219	M401	y	-2.88	18
220	M402	y	-2.88	18
221	M402	y	-2.88	9
222	M404	y	-1.23	18
223	M404	y	-1.23	9
224	M411	y	-6.48	1.854
225	M420	y	-1.875	5.5

Member Point Loads (BLC 1 : DL) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
226	M418	y	-1.875	5.5
227	M420	y	-3.775	14.969
228	M418	y	-3.775	14.969
229	M420	y	-4.3	23.469
230	M418	y	-4.3	23.469
231	M421	y	-3.325	7.469
232	M419	y	-3.325	7.469
233	M421	y	-0.925	12.438
234	M419	y	-0.925	12.438

Member Point Loads (BLC 2 : LL)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	M233	y	-4.32	4
2	M233	y	-4.32	8
3	M233	y	-4.32	12
4	M234	y	-2.88	2.333
5	M234	y	-2.88	6.333
6	M234	y	-2.88	10.333
7	M234	y	-2.88	14.333
8	M194	y	-4.32	4
9	M194	y	-4.32	8
10	M194	y	-4.32	12
11	M50	y	-3.84	4
12	M50	y	-3.84	8
13	M50	y	-3.84	12
14	M51	y	-3.84	2.333
15	M51	y	-3.84	6.333
16	M51	y	-3.84	10.333
17	M51	y	-3.84	14.333
18	M52	y	-3.84	4
19	M52	y	-3.84	8
20	M52	y	-3.84	12
21	M113	y	-2.16	4
22	M113	y	-2.16	8
23	M113	y	-2.16	12
24	M73	y	-2.16	2.333
25	M73	y	-2.16	6.333
26	M73	y	-2.16	10.333
27	M73	y	-2.16	14.333
28	M104	y	-2.16	4
29	M104	y	-2.16	8
30	M104	y	-2.16	12
31	M332	y	-0.48	4
32	M332	y	-0.48	8
33	M332	y	-0.48	12
34	M333	y	-0.48	2.333
35	M333	y	-0.48	6.333
36	M333	y	-0.48	10.333
37	M333	y	-0.48	14.333
38	M334	y	-0.48	4
39	M334	y	-0.48	8
40	M334	y	-0.48	12
41	M213	y	-3.24	3.521
42	M217	y	-3.24	3.521
43	M220	y	-3.24	3.521
44	M161	y	-3.24	3.521
45	M156	y	-3.24	3.521
46	M152	y	-3.24	3.521

Member Point Loads (BLC 2 : LL) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
47	M161	y	-3.24	6.521
48	M156	y	-3.24	6.521
49	M152	y	-3.24	6.521
50	M220	y	-3.24	6.521
51	M217	y	-3.24	6.521
52	M213	y	-3.24	6.521
53	M213	y	-3.24	9.521
54	M217	y	-3.24	9.521
55	M220	y	-3.24	9.521
56	M152	y	-3.24	9.521
57	M156	y	-3.24	9.521
58	M161	y	-3.24	9.521
59	M161	y	-3.24	12.521
60	M156	y	-3.24	12.521
61	M152	y	-3.24	12.521
62	M213	y	-3.24	12.521
63	M217	y	-3.24	12.521
64	M220	y	-3.24	12.521
65	M214	y	-3.24	1.854
66	M185	y	-3.24	1.854
67	M183	y	-3.24	1.854
68	M129	y	-3.24	1.854
69	M135	y	-3.24	1.854
70	M153	y	-3.24	1.854
71	M216	y	-3.24	1.146
72	M219	y	-3.24	1.146
73	M223	y	-3.24	1.146
74	M155	y	-3.24	1.146
75	M160	y	-3.24	1.146
76	M162	y	-3.24	1.146
77	M162	y	-3.24	4.146
78	M160	y	-3.24	4.146
79	M155	y	-3.24	4.146
80	M216	y	-3.24	4.146
81	M219	y	-3.24	4.146
82	M223	y	-3.24	4.146
83	M216	y	-3.24	7.146
84	M219	y	-3.24	7.146
85	M223	y	-3.24	7.146
86	M155	y	-3.24	7.146
87	M160	y	-3.24	7.146
88	M162	y	-3.24	7.146
89	M155	y	-3.24	10.146
90	M160	y	-3.24	10.146
91	M162	y	-3.24	10.146
92	M216	y	-3.24	10.146
93	M219	y	-3.24	10.146
94	M223	y	-3.24	10.146
95	M215	y	-3.24	3
96	M218	y	-3.24	3
97	M222	y	-3.24	3
98	M154	y	-3.24	3
99	M159	y	-3.24	3
100	M149	y	-3.24	3
101	M23	y	-2.88	1.854
102	M28	y	-2.88	1.854
103	M33	y	-2.88	1.854
104	M99	y	-2.88	1.854

Member Point Loads (BLC 2 : LL) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
105	M91	y	-2.88	1.854
106	M71	y	-2.88	1.854
107	M63	y	-2.88	1.854
108	M22	y	-2.88	3.521
109	M27	y	-2.88	3.521
110	M32	y	-2.88	3.521
111	M90	y	-2.88	3.521
112	M96	y	-2.88	3.521
113	M101	y	-2.88	3.521
114	M22	y	-2.88	6.521
115	M27	y	-2.88	6.521
116	M32	y	-2.88	6.521
117	M90	y	-2.88	6.521
118	M96	y	-2.88	6.521
119	M101	y	-2.88	6.521
120	M22	y	-2.88	9.521
121	M27	y	-2.88	9.521
122	M32	y	-2.88	9.521
123	M90	y	-2.88	9.521
124	M96	y	-2.88	9.521
125	M101	y	-2.88	9.521
126	M22	y	-2.88	12.521
127	M27	y	-2.88	12.521
128	M32	y	-2.88	12.521
129	M90	y	-2.88	12.521
130	M96	y	-2.88	12.521
131	M101	y	-2.88	12.521
132	M25	y	-2.88	3
133	M30	y	-2.88	3
134	M35	y	-2.88	3
135	M94	y	-2.88	3
136	M88	y	-2.88	3
137	M26	y	-2.88	1.166
138	M31	y	-2.88	1.166
139	M36	y	-2.88	1.166
140	M95	y	-2.88	1.166
141	M100	y	-2.88	1.166
142	M103	y	-2.88	1.166
143	M26	y	-2.88	4.166
144	M31	y	-2.88	4.166
145	M36	y	-2.88	4.166
146	M95	y	-2.88	4.166
147	M100	y	-2.88	4.166
148	M103	y	-2.88	4.166
149	M26	y	-2.88	7.166
150	M31	y	-2.88	7.166
151	M36	y	-2.88	7.166
152	M95	y	-2.88	7.166
153	M100	y	-2.88	7.166
154	M103	y	-2.88	7.166
155	M26	y	-2.88	10.166
156	M31	y	-2.88	10.166
157	M36	y	-2.88	10.166
158	M95	y	-2.88	10.166
159	M100	y	-2.88	10.166
160	M103	y	-2.88	10.166
161	M340	y	-3.24	3
162	M343	y	-3.24	3

Member Point Loads (BLC 2 : LL) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
163	M345	y	-3.24	3
164	M349	y	-3.24	4.146
165	M349	y	-3.24	1.146
166	M349	y	-3.24	7.146
167	M349	y	-3.24	10.146
168	M351	y	-3.24	1.854
169	M358	y	-4.32	8
170	M358	y	-4.32	4
171	M358	y	-4.32	12
172	M360	y	-4.32	12
173	M360	y	-4.32	8
174	M360	y	-4.32	4
175	M372	y	-3.24	9.521
176	M372	y	-3.24	3.521
177	M372	y	-3.24	12.521
178	M372	y	-3.24	6.521
179	M373	y	-3.24	1.854
180	M374	y	-3.24	9.521
181	M374	y	-3.24	12.521
182	M374	y	-3.24	6.521
183	M374	y	-3.24	3.521
184	M375	y	-3.24	10.146
185	M375	y	-3.24	1.146
186	M375	y	-3.24	7.146
187	M375	y	-3.24	4.146
188	M376	y	-3.24	6.521
189	M376	y	-3.24	9.521
190	M376	y	-3.24	3.521
191	M376	y	-3.24	12.521
192	M378	y	-3.24	4.146
193	M378	y	-3.24	10.146
194	M378	y	-3.24	1.146
195	M378	y	-3.24	7.146
196	M384	y	-2.88	2.333
197	M384	y	-2.88	6.333
198	M384	y	-2.88	10.333
199	M384	y	-2.88	14.333
200	M411	y	-3.24	1.854

Member Point Loads (BLC 3 : SL)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	M252	y	-1.538	9
2	M255	y	-1.538	9
3	M252	y	-1.538	18
4	M255	y	-1.538	18
5	M253	y	-3.6	9
6	M254	y	-3.6	9
7	M253	y	-3.6	18
8	M254	y	-3.6	18
9	M328	y	-1.538	9
10	M331	y	-1.538	9
11	M330	y	-3.6	9
12	M329	y	-3.6	9
13	M259	y	-1.794	9
14	M268	y	-1.794	9
15	M262	y	-4.2	9
16	M266	y	-4.2	9
17	M389	y	-1.538	18

Member Point Loads (BLC 3 : SL) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
18	M389	y	-1.538	9
19	M401	y	-3.6	9
20	M401	y	-3.6	18
21	M402	y	-3.6	9
22	M402	y	-3.6	18
23	M404	y	-1.538	9
24	M404	y	-1.538	18

Member Point Loads (BLC 4 : EQX)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	M420	X	1.425	5.5
2	M418	X	1.425	5.5
3	M420	X	2.869	14.969
4	M418	X	2.869	14.969
5	M420	X	3.268	23.469
6	M418	X	3.268	23.469
7	M421	X	2.527	7.469
8	M419	X	2.527	7.469
9	M421	X	0.703	12.438
10	M419	X	0.703	12.438
11	M420	Y	-1.42	5.5
12	M418	Y	1.42	5.5
13	M420	Y	-2.858	14.969
14	M418	Y	2.858	14.969
15	M420	Y	-3.256	23.469
16	M418	Y	3.256	23.469
17	M421	Y	-2.518	7.469
18	M419	Y	2.518	7.469
19	M421	Y	-0.7	12.438
20	M419	Y	0.7	12.438

Member Point Loads (BLC 5 : EQZ)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	M420	Z	1.425	5.5
2	M418	Z	1.425	5.5
3	M420	Z	2.869	14.969
4	M418	Z	2.869	14.969
5	M420	Z	3.268	23.469
6	M418	Z	3.268	23.469
7	M421	Z	2.527	7.469
8	M419	Z	2.527	7.469
9	M421	Z	0.703	12.438
10	M419	Z	0.703	12.438
11	M420	Y	1.687	5.5
12	M418	Y	1.687	5.5
13	M420	Y	0.217	14.969
14	M418	Y	0.217	14.969
15	M420	Y	-0.045	23.469
16	M418	Y	-0.045	23.469
17	M421	Y	-0.273	7.469
18	M419	Y	-0.273	7.469
19	M421	Y	-1.586	12.438
20	M419	Y	-1.586	12.438

Load Combinations

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
1	Deflection 1	Yes	Y	DL	1														
2	Deflection 2	Yes	Y	LL	1														
3	Deflection 3	Yes	Y	DL	1	LL	1												
4	IBC 16-1	Yes	Y	DL	1.4														
5	IBC 16-2 (a)	Yes	Y	DL	1.2	LL	1.6	LLS	1.6										
6	IBC 16-2 (b)	Yes	Y	DL	1.2	LL	1.6	LLS	1.6	SL	0.5	SLN	0.5						
7	IBC 16-3 (c)	Yes	Y	DL	1.2	SL	1.6	SLN	1.6	LL	0.5	LLS	1						
8	IBC 16-5 (a)	Yes	Y	DL	1.2	Sds*DL	0.2	ELX	1	ELZ	0.3	LL	0.5	LLS	1	SL	0.2	SLN	0.7
9	IBC 16-5 (b)	Yes	Y	DL	1.2	Sds*DL	0.2	ELZ	1	ELX	0.3	LL	0.5	LLS	1	SL	0.2	SLN	0.7
10	IBC 16-5 (c)	Yes	Y	DL	1.2	Sds*DL	0.2	ELX	1	ELZ	-0.3	LL	0.5	LLS	1	SL	0.2	SLN	0.7
11	IBC 16-5 (d)	Yes	Y	DL	1.2	Sds*DL	0.2	ELZ	1	ELX	-0.3	LL	0.5	LLS	1	SL	0.2	SLN	0.7
12	IBC 16-5 (e)	Yes	Y	DL	1.2	Sds*DL	0.2	ELX	-1	ELZ	-0.3	LL	0.5	LLS	1	SL	0.2	SLN	0.7
13	IBC 16-5 (f)	Yes	Y	DL	1.2	Sds*DL	0.2	ELZ	-1	ELX	-0.3	LL	0.5	LLS	1	SL	0.2	SLN	0.7
14	IBC 16-5 (g)	Yes	Y	DL	1.2	Sds*DL	0.2	ELX	-1	ELZ	0.3	LL	0.5	LLS	1	SL	0.2	SLN	0.7
15	IBC 16-5 (h)	Yes	Y	DL	1.2	Sds*DL	0.2	ELZ	-1	ELX	0.3	LL	0.5	LLS	1	SL	0.2	SLN	0.7
16	IBC 16-7 (a)	Yes	Y	DL	0.9	Sds*DL	-0.2	ELX	1	ELZ	0.3								
17	IBC 16-7 (b)	Yes	Y	DL	0.9	Sds*DL	-0.2	ELZ	1	ELX	0.3								
18	IBC 16-7 (c)	Yes	Y	DL	0.9	Sds*DL	-0.2	ELX	1	ELZ	-0.3								
19	IBC 16-7 (d)	Yes	Y	DL	0.9	Sds*DL	-0.2	ELZ	1	ELX	-0.3								
20	IBC 16-7 (e)	Yes	Y	DL	0.9	Sds*DL	-0.2	ELX	-1	ELZ	-0.3								
21	IBC 16-7 (f)	Yes	Y	DL	0.9	Sds*DL	-0.2	ELZ	-1	ELX	-0.3								
22	IBC 16-7 (g)	Yes	Y	DL	0.9	Sds*DL	-0.2	ELX	-1	ELZ	0.3								
23	IBC 16-7 (h)	Yes	Y	DL	0.9	Sds*DL	-0.2	ELZ	-1	ELX	0.3								

Node Loads and Enforced Displacements (BLC 1 : DL)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s²/ft, k*s²*ft)]
1	N149	L	Y	-1.23
2	N152	L	Y	-1.23
3	N150	L	Y	-2.88
4	N151	L	Y	-2.88

Node Loads and Enforced Displacements (BLC 3 : SL)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s²/ft, k*s²*ft)]
1	N152	L	Y	-1.538
2	N149	L	Y	-1.538
3	N151	L	Y	-3.6
4	N150	L	Y	-3.6

Member Distributed Loads (BLC 1 : DL)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M243	Y	-0.09	-0.09	0	%100
2	M242	Y	-0.09	-0.09	0	%100
3	M247	Y	-0.09	-0.09	0	%100
4	M236	Y	-0.18	-0.18	0	%100
5	M188	Y	-0.18	-0.18	0	%100
6	M237	Y	-0.18	-0.18	0	%100
7	M258	Y	-0.17	-0.17	0	%100
8	M257	Y	-0.17	-0.17	0	%100
9	M256	Y	-0.17	-0.17	0	%100
10	M261	Y	-0.34	-0.34	0	%100
11	M260	Y	-0.34	-0.34	0	%100
12	M265	Y	-0.34	-0.34	0	%100
13	M264	Y	-0.34	-0.34	0	%100
14	M263	Y	-0.34	-0.34	0	%100

Member Distributed Loads (BLC 1 : DL) (Continued)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
15	M167	Y	-0.195	-0.195	0	%100
16	M136	Y	-0.195	-0.195	0	%100
17	M128	Y	-0.195	-0.195	0	%100
18	M332	Y	-0.105	-0.105	0	%100
19	M333	Y	-0.105	-0.105	0	%100
20	M334	Y	-0.105	-0.105	0	%100
21	M271	Y	-0.12	-0.12	0	%100
22	M283	Y	-0.12	-0.12	0	%100
23	M295	Y	-0.12	-0.12	0	%100
24	M270	Y	-0.12	-0.12	0	%100
25	M282	Y	-0.12	-0.12	0	%100
26	M294	Y	-0.12	-0.12	0	%100
27	M269	Y	-0.12	-0.12	0	%100
28	M281	Y	-0.12	-0.12	0	%100
29	M293	Y	-0.12	-0.12	0	%100
30	M298	Y	-0.12	-0.12	0	%100
31	M286	Y	-0.12	-0.12	0	%100
32	M274	Y	-0.12	-0.12	0	%100
33	M297	Y	-0.12	-0.12	0	%100
34	M285	Y	-0.12	-0.12	0	%100
35	M273	Y	-0.12	-0.12	0	%100
36	M272	Y	-0.12	-0.12	0	%100
37	M284	Y	-0.12	-0.12	0	%100
38	M296	Y	-0.12	-0.12	0	%100
39	M277	Y	-0.462	-0.462	0	%100
40	M289	Y	-0.462	-0.462	0	%100
41	M301	Y	-0.462	-0.462	0	%100
42	M276	Y	-0.462	-0.462	0	%100
43	M288	Y	-0.462	-0.462	0	%100
44	M300	Y	-0.462	-0.462	0	%100
45	M275	Y	-0.462	-0.462	0	%100
46	M287	Y	-0.462	-0.462	0	%100
47	M299	Y	-0.462	-0.462	0	%100
48	M280	Y	-0.462	-0.462	0	%100
49	M292	Y	-0.462	-0.462	0	%100
50	M304	Y	-0.462	-0.462	0	%100
51	M279	Y	-0.462	-0.462	0	%100
52	M291	Y	-0.462	-0.462	0	%100
53	M303	Y	-0.462	-0.462	0	%100
54	M278	Y	-0.462	-0.462	0	%100
55	M290	Y	-0.462	-0.462	0	%100
56	M302	Y	-0.462	-0.462	0	%100
57	M354	Y	-0.18	-0.18	0	%100
58	M385	Y	-0.18	-0.18	0	%100
59	M386	Y	-0.18	-0.18	0	%100
60	M390	Y	-0.17	-0.17	0	%100
61	M391	Y	-0.12	-0.12	0	%100
62	M392	Y	-0.12	-0.12	0	%100
63	M393	Y	-0.12	-0.12	0	%100
64	M394	Y	-0.462	-0.462	0	%100
65	M395	Y	-0.462	-0.462	0	%100
66	M397	Y	-0.462	-0.462	0	%100
67	M399	Y	-0.462	-0.462	0	%100
68	M400	Y	-0.12	-0.12	0	%100
69	M405	Y	-0.34	-0.34	0	%100
70	M406	Y	-0.12	-0.12	0	%100
71	M407	Y	-0.462	-0.462	0	%100
72	M408	Y	-0.462	-0.462	0	%100

Member Distributed Loads (BLC 1 : DL) (Continued)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
73	M410	Y	-0.12	-0.12	0	%100
74	M422	Y	-0.07	-0.07	0	%100
75	M423	Y	-0.07	-0.07	0	%100
76	M420	Y	-0.07	-0.07	0	%100
77	M421	Y	-0.07	-0.07	0	%100
78	M419	Y	-0.102	-0.102	0	%100
79	M418	Y	-0.102	-0.102	0	%100
80	M424	Y	-0.102	-0.102	0	%100

Member Distributed Loads (BLC 2 : LL)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M258	Y	-0.08	-0.08	0	%100
2	M257	Y	-0.08	-0.08	0	%100
3	M256	Y	-0.08	-0.08	0	%100
4	M261	Y	-0.16	-0.16	0	%100
5	M260	Y	-0.16	-0.16	0	%100
6	M265	Y	-0.16	-0.16	0	%100
7	M264	Y	-0.16	-0.16	0	%100
8	M263	Y	-0.16	-0.16	0	%100
9	M271	Y	-0.06	-0.06	0	%100
10	M283	Y	-0.06	-0.06	0	%100
11	M295	Y	-0.06	-0.06	0	%100
12	M270	Y	-0.06	-0.06	0	%100
13	M282	Y	-0.06	-0.06	0	%100
14	M294	Y	-0.06	-0.06	0	%100
15	M269	Y	-0.06	-0.06	0	%100
16	M281	Y	-0.06	-0.06	0	%100
17	M293	Y	-0.06	-0.06	0	%100
18	M274	Y	-0.06	-0.06	0	%100
19	M286	Y	-0.06	-0.06	0	%100
20	M298	Y	-0.06	-0.06	0	%100
21	M273	Y	-0.06	-0.06	0	%100
22	M285	Y	-0.06	-0.06	0	%100
23	M297	Y	-0.06	-0.06	0	%100
24	M272	Y	-0.06	-0.06	0	%100
25	M284	Y	-0.06	-0.06	0	%100
26	M296	Y	-0.06	-0.06	0	%100
27	M277	Y	-0.231	-0.231	0	%100
28	M289	Y	-0.231	-0.231	0	%100
29	M301	Y	-0.231	-0.231	0	%100
30	M304	Y	-0.231	-0.231	0	%100
31	M292	Y	-0.231	-0.231	0	%100
32	M280	Y	-0.231	-0.231	0	%100
33	M276	Y	-0.231	-0.231	0	%100
34	M275	Y	-0.231	-0.231	0	%100
35	M279	Y	-0.231	-0.231	0	%100
36	M278	Y	-0.231	-0.231	0	%100
37	M291	Y	-0.231	-0.231	0	%100
38	M290	Y	-0.231	-0.231	0	%100
39	M303	Y	-0.231	-0.231	0	%100
40	M302	Y	-0.231	-0.231	0	%100
41	M300	Y	-0.231	-0.231	0	%100
42	M299	Y	-0.231	-0.231	0	%100
43	M390	Y	-0.08	-0.08	0	%100
44	M391	Y	-0.06	-0.06	0	%100
45	M392	Y	-0.06	-0.06	0	%100
46	M393	Y	-0.06	-0.06	0	%100
47	M394	Y	-0.231	-0.231	0	%100

Member Distributed Loads (BLC 2 : LL) (Continued)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
48	M395	Y	-0.231	-0.231	0	%100
49	M397	Y	-0.231	-0.231	0	%100
50	M399	Y	-0.231	-0.231	0	%100
51	M400	Y	-0.06	-0.06	0	%100
52	M405	Y	-0.16	-0.16	0	%100
53	M406	Y	-0.06	-0.06	0	%100
54	M407	Y	-0.231	-0.231	0	%100
55	M410	Y	-0.06	-0.06	0	%100
56	M422	Y	-0.14	-0.14	0	%100
57	M423	Y	-0.14	-0.14	0	%100
58	M420	Y	-0.14	-0.14	0	%100
59	M421	Y	-0.14	-0.14	0	%100

Member Distributed Loads (BLC 3 : SL)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M243	Y	-0.113	-0.113	0	%100
2	M242	Y	-0.113	-0.113	0	%100
3	M247	Y	-0.113	-0.113	0	%100
4	M236	Y	-0.225	-0.225	0	%100
5	M188	Y	-0.225	-0.225	0	%100
6	M237	Y	-0.225	-0.225	0	%100
7	M167	Y	-0.244	-0.244	0	%100
8	M136	Y	-0.244	-0.244	0	%100
9	M128	Y	-0.244	-0.244	0	%100
10	M332	Y	-0.131	-0.131	0	%100
11	M333	Y	-0.131	-0.131	0	%100
12	M334	Y	-0.131	-0.131	0	%100
13	M354	Y	-0.225	-0.225	0	%100
14	M385	Y	-0.225	-0.225	0	%100
15	M386	Y	-0.225	-0.225	0	%100

Member Distributed Loads (BLC 4 : EQX)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M422	X	0.053	0.053	0	%100
2	M423	X	0.053	0.053	0	%100
3	M420	X	0.053	0.053	0	%100
4	M421	X	0.053	0.053	0	%100

Member Distributed Loads (BLC 5 : EQZ)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M427	Z	0.114	0.114	0	%100
2	M429	Z	0.114	0.114	0	%100
3	M427	Z	0.205	0.205	0	%100
4	M425	Z	0.205	0.205	0	%100

Envelope Node Reactions

	Node Label		X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N7	max	0.111	5	306.803	6	0.029	7	0	23	0	7	0	23
2		min	0.031	2	62.182	2	0	2	0	1	0	4	0	1
3	N1	max	0	2	102.045	6	0	7	0	23	0	2	0	23
4		min	0	6	21.662	2	0	2	0	1	-0.001	7	0	1
5	N13	max	0.155	5	333.359	6	0.009	7	0	23	0	6	0	23
6		min	0.051	2	77.013	2	0.001	2	0	1	0	2	0	1

Envelope Node Reactions (Continued)

	Node Label		X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
7	N28	max	1.094	6	78.261	6	-0.011	2	0	23	0.013	5	0	23
8		min	0.255	2	15.245	2	-0.052	6	0	1	0.003	2	0	1
9	N36	max	0	23	127.881	6	0	2	0	23	0	7	0	23
10		min	0	6	27.865	2	0	7	0	1	0	2	0	1
11	N45	max	1.149	6	69.716	6	0.049	6	0	23	-0.003	2	0	23
12		min	0.27	2	13.035	2	0.01	2	0	1	-0.014	5	0	1
13	N47	max	0.184	5	291.187	6	-0.001	2	0	23	0	2	0	23
14		min	0.058	2	65.337	2	-0.066	7	0	1	0	7	0	1
15	N48	max	0.121	5	235.943	6	0	2	0	23	0	6	0	23
16		min	0.034	2	51.71	2	-0.004	7	0	1	0	2	0	1
17	N70	max	10.858	6	100.113	6	0	7	0	23	0	2	0	23
18		min	2.524	2	22.05	2	0	2	0	1	-0.001	7	0	1
19	N79	max	0.145	5	226.125	6	0.003	7	0	23	0	2	0	23
20		min	0.045	2	52.007	2	0	2	0	1	0	6	0	1
21	N92	max	0.75	5	47.904	6	0.045	6	0	23	0	23	0	23
22		min	0.186	2	8.641	2	0.009	2	0	1	0	1	0	1
23	N94	max	-2.316	2	174.181	6	0.019	7	0	23	0.001	7	0	23
24		min	-10.537	6	38.795	2	0	2	0	1	0	2	0	1
25	N102	max	0	23	129.342	6	0	5	0	23	0	23	0	23
26		min	0	6	28.456	2	0	7	0	1	0	1	0	1
27	N112	max	1.077	6	88.913	6	-0.005	2	0	23	0	23	0	23
28		min	0.25	2	17.322	2	-0.025	6	0	1	0	1	0	1
29	N114	max	0.069	5	286.536	6	0	2	0	23	0	2	0	23
30		min	0.023	2	59.432	2	0	7	0	1	0	4	0	1
31	N115	max	0.167	5	353.35	6	0.001	5	0	23	0	6	0	23
32		min	0.058	2	79.555	2	0	7	0	1	0	2	0	1
33	N144	max	0	2	5.487	6	6.667	6	0	23	0.008	5	0.011	5
34		min	-0.002	6	0.93	2	1.256	2	0	1	0.002	2	0.003	2
35	N148	max	0	2	5.064	6	-1.14	2	0	23	-0.001	2	0.012	6
36		min	-0.002	6	0.844	2	-6.097	6	0	1	-0.009	6	0.002	2
37	N109	max	0.057	4	0	23	0.001	7	0	23	0	23	0	23
38		min	-0.004	2	0	1	0	2	0	1	0	1	0	1
39	N113	max	-0.211	2	0	23	0	2	0	23	0	23	0	23
40		min	-0.861	5	0	1	-0.01	7	0	1	0	1	0	1
41	N110	max	-3.892	2	0	23	0.005	7	0	23	0	23	0	23
42		min	-19.31	5	0	1	0	2	0	1	0	1	0	1
43	N108	max	-0.113	23	0	23	0.003	7	0	23	0	23	0	23
44		min	-1.362	7	0	1	0	2	0	1	0	1	0	1
45	N106	max	19.84	5	0	23	0	2	0	23	0	23	0	23
46		min	4.294	2	0	1	-0.001	7	0	1	0	1	0	1
47	N2	max	17.874	5	0	23	0	23	0	23	0	23	0	23
48		min	3.413	2	0	1	0	1	0	1	0	1	0	1
49	N39	max	28.109	6	0	23	0	23	0	23	0	23	0	23
50		min	6.283	2	0	1	0	1	0	1	0	1	0	1
51	N82	max	28.658	6	0	23	0	23	0	23	0	23	0	23
52		min	6.705	2	0	1	0	1	0	1	0	1	0	1
53	N76	max	4.613	6	0	23	0	23	0	23	0	23	0	23
54		min	1.127	2	0	1	0	1	0	1	0	1	0	1
55	N41	max	8.121	6	0	23	0	23	0	23	0	23	0	23
56		min	1.53	2	0	1	0	1	0	1	0	1	0	1
57	N3	max	-5.193	2	0	23	0	23	0	23	0	23	0	23
58		min	-20.119	6	0	1	0	1	0	1	0	1	0	1
59	N4	max	1.455	2	0	23	0	23	0	23	0	23	0	23
60		min	-2.065	4	0	1	0	1	0	1	0	1	0	1
61	N5	max	-0.001	7	0	23	0	23	0	23	0	23	0	23
62		min	-0.06	5	0	1	0	1	0	1	0	1	0	1
63	N6	max	0.008	2	0	23	0	23	0	23	0	23	0	23
64		min	-0.037	4	0	1	0	1	0	1	0	1	0	1

Envelope Node Reactions (Continued)

	Node Label		X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
65	N43	max	-8.046	2	0	23	0	23	0	23	0	23	0	23
66		min	-37.155	6	0	1	0	1	0	1	0	1	0	1
67	N46	max	-0.127	2	0	23	0	23	0	23	0	23	0	23
68		min	-0.533	5	0	1	0	1	0	1	0	1	0	1
69	N137	max	0	6	0	23	0	23	0	23	0	23	0	23
70		min	0	2	0	1	0	1	0	1	0	1	0	1
71	N83	max	-7.971	2	0	23	0	23	0	23	0	23	0	23
72		min	-33.266	6	0	1	0	1	0	1	0	1	0	1
73	N93	max	-0.301	2	0	23	0	23	0	23	0	23	0	23
74		min	-1.224	5	0	1	0	1	0	1	0	1	0	1
75	N126	max	0	23	0	23	0.004	7	0	23	0	23	0	23
76		min	0	1	0	1	0	2	0	1	0	1	0	1
77	N128	max	0	23	0	23	0.012	5	0	23	0	23	0	23
78		min	0	1	0	1	0.003	2	0	1	0	1	0	1
79	N119	max	0	23	0	23	0.164	5	0	23	0	23	0	23
80		min	0	1	0	1	0.042	2	0	1	0	1	0	1
81	N135	max	0	23	0	23	0	7	0	23	0	23	0	23
82		min	0	1	0	1	0	2	0	1	0	1	0	1
83	N125	max	0	23	0	23	5.928	7	0	23	0	23	0	23
84		min	0	1	0	1	0.147	2	0	1	0	1	0	1
85	N107	max	0	23	0	23	-0.021	2	0	23	0	23	0	23
86		min	0	1	0	1	-0.269	7	0	1	0	1	0	1
87	N120	max	0	23	0	23	0	5	0	23	0	23	0	23
88		min	0	1	0	1	0	7	0	1	0	1	0	1
89	N123	max	0	23	0	23	0.006	2	0	23	0	23	0	23
90		min	0	1	0	1	-10.24	7	0	1	0	1	0	1
91	N124	max	0	23	0	23	0.022	7	0	23	0	23	0	23
92		min	0	1	0	1	-0.119	5	0	1	0	1	0	1
93	N116	max	0	23	0	23	0.001	7	0	23	0	23	0	23
94		min	0	1	0	1	0	2	0	1	0	1	0	1
95	N104	max	0	23	0	23	0	2	0	23	0	23	0	23
96		min	0	1	0	1	-0.001	7	0	1	0	1	0	1
97	N118	max	0	23	0	23	0	7	0	23	0	23	0	23
98		min	0	1	0	1	0	2	0	1	0	1	0	1
99	N105	max	0	23	0	23	0	7	0	23	0	23	0	23
100		min	0	1	0	1	0	2	0	1	0	1	0	1
101	N129	max	0	23	0	23	0	2	0	23	0	23	0	23
102		min	0	1	0	1	0	7	0	1	0	1	0	1
103	N103	max	0	23	0	23	0	7	0	23	0	23	0	23
104		min	0	1	0	1	0	2	0	1	0	1	0	1
105	N121	max	0	23	0	23	0.001	7	0	23	0	23	0	23
106		min	0	1	0	1	-0.003	5	0	1	0	1	0	1
107	N149	max	0	2	0	23	0	23	0	23	0	23	0	23
108		min	0	4	0	1	0	1	0	1	0	1	0	1
109	N150	max	0	2	0	23	0	23	0	23	0	23	0	23
110		min	0	4	0	1	0	1	0	1	0	1	0	1
111	N151	max	0	2	0	23	0	23	0	23	0	23	0	23
112		min	-0.001	6	0	1	0	1	0	1	0	1	0	1
113	N152	max	0	2	0	23	0	23	0	23	0	23	0	23
114		min	-0.001	6	0	1	0	1	0	1	0	1	0	1
115	N136	max	-0.002	2	0	23	0	23	0	23	0	23	0	23
116		min	-0.01	5	0	1	0	1	0	1	0	1	0	1
117	N85	max	0	23	0	23	0	2	0	23	0	23	0	23
118		min	0	1	0	1	-0.094	7	0	1	0	1	0	1
119	N78	max	0	23	0	23	0.367	7	0	23	0	23	0	23
120		min	0	1	0	1	0	2	0	1	0	1	0	1
121	N95	max	0	23	0	23	0.001	2	0	23	0	23	0	23
122		min	0	1	0	1	-0.463	7	0	1	0	1	0	1

Envelope Node Reactions (Continued)

	Node Label		X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
123	N75	max	0	23	0	23	0	2	0	23	0	23	0	23
124		min	0	1	0	1	-0.015	7	0	1	0	1	0	1
125	N71	max	0	23	0	23	0.056	7	0	23	0	23	0	23
126		min	0	1	0	1	0	2	0	1	0	1	0	1
127	N97	max	0	23	0	23	-0.001	2	0	23	0	23	0	23
128		min	0	1	0	1	-0.073	7	0	1	0	1	0	1
129	N54	max	0	23	0	23	0.31	7	0	23	0	23	0	23
130		min	0	1	0	1	0.004	2	0	1	0	1	0	1
131	N55	max	0	23	0	23	-0.015	2	0	23	0	23	0	23
132		min	0	1	0	1	-1.143	7	0	1	0	1	0	1
133	N57	max	0	23	0	23	6.443	7	0	23	0	23	0	23
134		min	0	1	0	1	0.086	2	0	1	0	1	0	1
135	N38	max	0	23	0	23	0.02	7	0	23	0	23	0	23
136		min	0	1	0	1	0	2	0	1	0	1	0	1
137	N50	max	0	23	0	23	0	2	0	23	0	23	0	23
138		min	0	1	0	1	-0.074	7	0	1	0	1	0	1
139	N51	max	0	23	0	23	1.096	7	0	23	0	23	0	23
140		min	0	1	0	1	-0.002	2	0	1	0	1	0	1
141	N14	max	0	23	0	23	-0.004	2	0	23	0	23	0	23
142		min	0	1	0	1	-0.043	7	0	1	0	1	0	1
143	N15	max	0	23	0	23	0.158	7	0	23	0	23	0	23
144		min	0	1	0	1	0.016	2	0	1	0	1	0	1
145	N16	max	0	23	0	23	-0.182	2	0	23	0	23	0	23
146		min	0	1	0	1	-1.385	7	0	1	0	1	0	1
147	N8	max	0	23	0	23	0	2	0	23	0	23	0	23
148		min	0	1	0	1	-0.148	7	0	1	0	1	0	1
149	N9	max	0	23	0	23	0.589	7	0	23	0	23	0	23
150		min	0	1	0	1	-0.001	2	0	1	0	1	0	1
151	N10	max	0	23	0	23	0.001	2	0	23	0	23	0	23
152		min	0	1	0	1	-1.038	7	0	1	0	1	0	1
153	N153	max	0	23	0	23	1.703	5	0	23	0	23	0	23
154		min	0	1	0	1	0.434	2	0	1	0	1	0	1
155	N154	max	0	23	0	23	3.397	7	0	23	0	23	0	23
156		min	0	1	0	1	0.106	2	0	1	0	1	0	1
157	N156	max	0	23	0	23	0	5	0	23	0	23	0	23
158		min	0	1	0	1	0	2	0	1	0	1	0	1
159	N157	max	17.909	5	0	23	0	2	0	23	0	23	0	23
160		min	4.094	2	0	1	0	7	0	1	0	1	0	1
161	N158	max	-0.025	23	0	23	0	7	0	23	0	23	0	23
162		min	-0.753	7	0	1	0	2	0	1	0	1	0	1
163	N161	max	0	23	0	23	0	5	0	23	0	23	0	23
164		min	0	1	0	1	0	2	0	1	0	1	0	1
165	N163	max	0	23	0	23	0	5	0	23	0	23	0	23
166		min	0	1	0	1	0	2	0	1	0	1	0	1
167	N164	max	0	23	0	23	0.09	5	0	23	0	23	0	23
168		min	0	1	0	1	0.023	2	0	1	0	1	0	1
169	N165	max	-3.933	2	0	23	0	2	0	23	0	23	0	23
170		min	-17.781	5	0	1	0	7	0	1	0	1	0	1
171	N166	max	0	23	0	23	-0.086	2	0	23	0	23	0	23
172		min	0	1	0	1	-0.337	5	0	1	0	1	0	1
173	N167	max	0	23	0	23	0	2	0	23	0	23	0	23
174		min	0	1	0	1	-0.001	7	0	1	0	1	0	1
175	N168	max	0	23	0	23	-0.475	2	0	23	0	23	0	23
176		min	0	1	0	1	-4.211	7	0	1	0	1	0	1
177	N169	max	0	23	0	23	0	5	0	23	0	23	0	23
178		min	0	1	0	1	0	2	0	1	0	1	0	1
179	N170	max	0	23	0	23	0.139	5	0	23	0	23	0	23
180		min	0	1	0	1	0.036	2	0	1	0	1	0	1

Envelope Node Reactions (Continued)

	Node Label		X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
181	N172	max	0	23	0	23	0	5	0	23	0	23	0	23
182		min	0	1	0	1	0	2	0	1	0	1	0	1
183	N173	max	-0.265	2	0	23	0	5	0	23	0	23	0	23
184		min	-1.069	5	0	1	0	7	0	1	0	1	0	1
185	N174	max	0	23	0	23	0	2	0	23	0	23	0	23
186		min	0	1	0	1	-0.001	7	0	1	0	1	0	1
187	N175	max	0	23	0	23	0.005	7	0	23	0	23	0	23
188		min	0	1	0	1	0	2	0	1	0	1	0	1
189	N176	max	0	23	0	23	0	2	0	23	0	23	0	23
190		min	0	1	0	1	-0.004	7	0	1	0	1	0	1
191	N177	max	0	23	0	23	0	7	0	23	0	23	0	23
192		min	0	1	0	1	0	5	0	1	0	1	0	1
193	N178	max	0	23	0	23	-0.004	2	0	23	0	23	0	23
194		min	0	1	0	1	-0.016	6	0	1	0	1	0	1
195	N179	max	0	1	110.492	6	0	7	0	23	0	23	0	23
196		min	0	6	24.946	2	0	2	0	1	0	1	0	1
197	N180	max	0.036	5	0	23	0	7	0	23	0	23	0	23
198		min	0.008	2	0	1	0	2	0	1	0	1	0	1
199	N181	max	0.068	5	237.817	6	0	7	0	23	0	2	0	23
200		min	0.022	2	52.516	2	0	2	0	1	0	7	0	1
201	N182	max	0	23	0	23	0	2	0	23	0	23	0	23
202		min	0	1	0	1	0	7	0	1	0	1	0	1
203	N183	max	0	23	0	23	0	7	0	23	0	23	0	23
204		min	0	1	0	1	0	2	0	1	0	1	0	1
205	N184	max	0.198	5	281.718	6	-0.005	2	0	23	0	5	0	23
206		min	0.063	2	64.855	2	-0.018	5	0	1	0	2	0	1
207	N185	max	1.054	6	78.344	6	0	2	0	23	0	23	0	23
208		min	0.253	2	15.945	2	-0.001	5	0	1	0	1	0	1
209	N186	max	0	23	0	23	0	2	0	23	0	23	0	23
210		min	0	1	0	1	0	7	0	1	0	1	0	1
211	N122	max	0	23	0	23	0.011	5	0	23	0	23	0	23
212		min	0	1	0	1	-0.002	7	0	1	0	1	0	1
213	N159	max	0	23	0	23	-0.216	2	0	23	0	23	0	23
214		min	0	1	0	1	-1.055	6	0	1	0	1	0	1
215	N160	max	0	23	0	23	-0.01	23	0	23	0	23	0	23
216		min	0	1	0	1	-0.057	5	0	1	0	1	0	1
217	N162	max	0	23	0	23	0.257	5	0	23	0	23	0	23
218		min	0	1	0	1	0.053	2	0	1	0	1	0	1
219	Totals:	max	0	5	3670.581	6	0	7						
220		min	0	2	800.344	2	0	2						

Envelope Node Displacements

	Node Label		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [rad]	LC	Y Rotation [rad]	LC	Z Rotation [rad]	LC
1	N1	max	0	6	0	2	0	2	0	2	0	7	0	6
2		min	0	2	0	6	0	7	-3.422e-6	6	0	2	0	2
3	N2	max	0	2	-0.038	2	0	7	6.866e-6	6	9.168e-6	7	0	2
4		min	0	5	-0.178	6	0	2	0	2	-8.986e-8	2	0	6
5	N3	max	0	6	-0.069	2	0	2	1.042e-8	2	2.148e-5	7	0	6
6		min	0	2	-0.328	6	0	7	-2.218e-5	7	-1.757e-7	2	0	4
7	N4	max	0	4	-0.092	2	0	2	4.72e-5	7	2.148e-5	7	0	5
8		min	0	2	-0.435	6	0	7	-4.462e-8	2	-1.757e-7	2	0	2
9	N5	max	0	5	-0.102	2	0	7	0	2	2.148e-5	7	0	23
10		min	0	7	-0.492	6	0	2	-1.007e-5	7	-1.757e-7	2	0	6
11	N6	max	0	4	-0.102	2	0	2	3.102e-6	7	2.148e-5	7	0	6
12		min	0	2	-0.501	6	0	7	0	2	-1.757e-7	2	0	16
13	N7	max	0	2	0	2	0	2	4.029e-8	2	0	4	2.011e-4	5
14		min	0	5	0	6	0	7	-3.935e-5	7	0	7	4.352e-5	2
15	N8	max	-0.004	2	-0.019	2	0	7	7.928e-5	7	1.112e-6	4	-1.658e-6	2

Envelope Node Displacements (Continued)

	Node Label		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [rad]	LC	Y Rotation [rad]	LC	Z Rotation [rad]	LC
16		min	-0.016	5	-0.093	6	0	2	-8.117e-8	2	-4.e-6	7	-6.584e-6	6
17	N9	max	0.001	6	-0.037	2	0	2	3.047e-7	2	2.391e-6	4	-2.034e-5	2
18		min	0	2	-0.187	6	0	7	-2.976e-4	7	-8.601e-6	7	-1.058e-4	5
19	N10	max	0.001	4	-0.054	2	0	7	1.298e-3	7	1.98e-6	1	3.729e-5	6
20		min	-0.001	2	-0.276	6	0	2	-1.329e-6	2	-3.097e-5	7	8.57e-6	2
21	N11	max	0	5	-0.065	2	0.267	7	5.303e-4	7	5.304e-5	4	-1.274e-6	23
22		min	0	7	-0.343	6	0	2	-9.99e-7	2	-2.919e-5	2	-1.235e-5	6
23	N12	max	0	4	-0.066	2	0.001	7	3.513e-6	2	1.045e-4	4	5.559e-6	6
24		min	0	2	-0.369	6	0	2	-3.427e-3	7	-4.782e-5	2	3.107e-7	16
25	N13	max	0	2	0	2	0	2	-1.061e-6	2	0	2	3.585e-4	5
26		min	0	5	0	6	0	7	-1.067e-5	7	0	6	8.096e-5	2
27	N14	max	-0.007	2	-0.02	2	0	7	2.15e-5	7	-3.197e-7	2	7.932e-5	5
28		min	-0.032	5	-0.087	6	0	2	2.137e-6	2	-1.214e-6	6	1.749e-5	2
29	N15	max	-0.002	2	-0.049	2	0	2	-9.711e-6	2	-1.234e-6	2	-4.393e-5	2
30		min	-0.008	5	-0.213	6	0	7	-9.77e-5	7	-4.683e-6	6	-1.972e-4	5
31	N16	max	-0.001	2	-0.075	2	0	7	4.478e-4	7	2.886e-6	4	7.9e-6	6
32		min	-0.005	6	-0.326	6	0	2	4.452e-5	2	-7.902e-7	2	2.033e-6	2
33	N17	max	0	5	-0.082	2	0.018	7	-1.077e-4	2	4.473e-6	4	-8.659e-6	2
34		min	0	2	-0.36	6	0	2	-6.497e-4	6	-6.71e-7	2	-3.821e-5	6
35	N18	max	0.001	6	-0.084	2	0	2	3.929e-5	2	4.877e-5	4	3.163e-6	6
36		min	0	2	-0.373	6	-0.008	7	-1.941e-3	7	-2.14e-5	2	-1.021e-6	4
37	N19	max	-0.012	2	-0.104	2	0	2	2.081e-6	6	-5.985e-5	2	2.505e-2	6
38		min	-0.052	5	-0.446	6	0	6	4.803e-7	2	-2.92e-4	6	5.893e-3	2
39	N20	max	-0.007	2	-0.106	2	0	6	-1.05e-6	2	6.894e-6	4	2.432e-2	6
40		min	-0.028	5	-0.455	6	0	2	-5.457e-6	6	-3.054e-6	2	5.747e-3	2
41	N21	max	-0.002	2	-0.112	2	0	2	2.254e-6	7	5.748e-5	5	2.56e-2	6
42		min	-0.008	6	-0.479	6	0	5	-1.062e-7	2	1.139e-5	2	6.082e-3	2
43	N22	max	-0.005	2	-0.07	2	0	7	7.182e-6	7	3.151e-8	7	-3.167e-4	2
44		min	-0.023	5	-0.344	6	0	2	0	2	0	2	-1.611e-3	6
45	N23	max	-0.001	2	-0.072	2	0	2	1.031e-8	2	0	2	-1.432e-4	2
46		min	-0.005	5	-0.368	6	0	7	-1.226e-5	7	-2.1e-7	7	-7.987e-4	6
47	N24	max	0	23	-0.089	2	0	7	3.234e-5	7	0	7	-1.3e-4	2
48		min	-0.001	6	-0.439	6	0	2	0	2	0	2	-5.644e-4	5
49	N25	max	-0.005	2	-0.087	2	0	2	2.899e-6	7	0	2	1.581e-3	6
50		min	-0.024	5	-0.375	6	0	7	2.314e-7	2	-1.856e-8	7	2.688e-4	2
51	N26	max	0	2	-0.096	2	0	7	-4.054e-7	2	1.694e-8	3	5.56e-4	15
52		min	-0.001	5	-0.418	6	0	2	-4.712e-6	7	-3.089e-8	7	2.407e-6	2
53	N27	max	-0.001	2	-0.112	2	0	2	1.205e-5	7	0	6	2.217e-4	4
54		min	-0.003	6	-0.486	6	0	7	1.078e-6	2	0	16	-8.058e-5	2
55	N28	max	0	2	0	2	0	6	6.217e-5	6	0	2	5.538e-4	5
56		min	0	6	0	6	0	2	1.261e-5	2	0	5	1.274e-4	2
57	N29	max	-0.012	2	-0.003	2	0.005	6	3.304e-8	2	-4.52e-5	2	1.341e-4	5
58		min	-0.052	5	-0.014	6	0.001	2	-1.606e-6	7	-1.902e-4	5	3.19e-5	2
59	N30	max	-0.007	2	-0.006	2	0	2	-6.06e-6	2	1.007e-4	6	-5.663e-5	2
60		min	-0.028	5	-0.029	6	0	4	-3.005e-5	6	2.168e-5	2	-2.476e-4	5
61	N31	max	-0.002	2	-0.007	2	0	2	-9.679e-7	23	1.225e-4	5	-2.52e-5	2
62		min	-0.008	6	-0.037	6	-0.001	5	-4.513e-6	5	2.814e-5	2	-1.048e-4	5
63	N32	max	0	5	-0.009	2	-0.001	2	-4.986e-6	2	1.225e-4	5	-1.071e-5	2
64		min	0	2	-0.044	6	-0.003	5	-1.797e-5	5	2.814e-5	2	-4.572e-5	6
65	N33	max	0	5	-0.054	2	0	7	-1.464e-5	2	1.1e-4	7	1.093e-2	6
66		min	0	2	-0.247	6	-0.002	5	-7.704e-5	6	4.476e-6	2	2.466e-3	2
67	N34	max	0.001	6	-0.054	2	0	2	1.029e-5	5	1.1e-4	7	-1.263e-6	2
68		min	0	2	-0.26	6	0	7	-1.006e-5	7	4.476e-6	2	-9.763e-6	6
69	N35	max	-0.006	2	-0.077	2	0	2	-2.278e-7	2	6.484e-8	7	1.294e-3	6
70		min	-0.027	5	-0.336	6	0	7	-1.706e-5	7	0	2	2.43e-4	2
71	N36	max	0	6	0	2	0	7	4.94e-7	7	0	2	0	6
72		min	0	16	0	6	0	2	0	2	0	7	0	2
73	N37	max	0.012	6	-0.088	2	0	7	-2.422e-8	2	2.267e-8	7	-1.382e-4	2

Envelope Node Displacements (Continued)

	Node Label		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [rad]	LC	Y Rotation [rad]	LC	Z Rotation [rad]	LC
74		min	0.003	2	-0.401	6	0	2	-7.779e-6	7	0	2	-6.686e-4	5
75	N38	max	-0.004	2	-0.014	2	0	2	2.923e-8	2	-4.991e-8	2	2.452e-5	5
76		min	-0.017	5	-0.062	6	0	7	-1.005e-5	7	-2.575e-7	6	5.322e-6	2
77	N39	max	0	2	-0.013	2	0	7	0	2	0	2	0	6
78		min	0	6	-0.062	6	0	2	-9.416e-7	7	-1.923e-7	7	0	2
79	N41	max	0	2	-0.024	2	0	2	3.406e-6	7	0	2	0	2
80		min	0	6	-0.113	6	0	7	0	2	-4.482e-7	7	0	6
81	N43	max	0	6	-0.034	2	0	2	2.536e-8	2	0	2	0	2
82		min	0	2	-0.16	6	0	7	-1.419e-5	7	-4.482e-7	7	0	6
83	N44	max	0.005	5	-0.006	2	0	23	-4.481e-6	2	-2.987e-5	2	-2.906e-5	2
84		min	0.001	2	-0.032	6	0	5	-2.127e-5	6	-1.268e-4	5	-1.18e-4	5
85	N45	max	0	2	0	2	0	2	-1.041e-5	2	0	5	5.828e-4	5
86		min	0	6	0	6	0	6	-5.521e-5	6	0	2	1.362e-4	2
87	N46	max	0	5	-0.041	2	0	7	7.083e-5	7	0	2	0	6
88		min	0	2	-0.201	6	0	2	-9.559e-8	2	-4.482e-7	7	0	2
89	N47	max	0	2	0	2	0	7	7.715e-5	7	0	7	3.887e-4	5
90		min	0	5	0	6	0	2	1.041e-6	2	0	2	9.021e-5	2
91	N48	max	0	2	0	2	0	7	4.989e-6	7	0	2	2.013e-4	5
92		min	0	5	0	6	0	2	-1.451e-8	2	0	6	4.589e-5	2
93	N49	max	0.01	5	-0.101	2	0	2	-1.059e-6	2	0	2	2.044e-4	4
94		min	0.002	2	-0.44	6	0	7	-7.873e-5	7	-2.475e-8	7	9.665e-6	2
95	N50	max	0.004	6	-0.032	2	0	7	4.568e-5	7	-1.926e-7	2	-4.348e-5	2
96		min	0.001	2	-0.146	6	0	2	-1.329e-7	2	-9.937e-7	6	-1.938e-4	6
97	N51	max	0.013	6	-0.048	2	0	2	6.119e-7	2	-6.487e-7	2	2.957e-5	6
98		min	0.003	2	-0.224	6	0	7	-2.103e-4	7	-2.966e-6	5	7.054e-6	2
99	N52	max	0.001	5	-0.035	2	0.001	7	9.222e-4	7	1.541e-4	7	7.22e-3	6
100		min	0	2	-0.172	6	-0.002	5	8.457e-6	2	5.435e-6	2	1.548e-3	2
101	N53	max	0	5	-0.056	2	0.269	7	7.25e-3	7	-1.322e-6	2	1.373e-4	6
102		min	0	2	-0.267	6	0	2	-9.446e-6	2	-5.55e-6	5	2.932e-5	2
103	N54	max	-0.008	2	-0.017	2	0	2	-2.098e-6	2	2.15e-6	7	8.297e-5	5
104		min	-0.035	5	-0.076	6	0	7	-1.555e-4	7	1.64e-7	2	1.897e-5	2
105	N55	max	-0.001	2	-0.041	2	0	7	7.065e-4	7	8.295e-6	7	-6.446e-5	2
106		min	-0.005	5	-0.184	6	0	2	9.536e-6	2	6.328e-7	2	-2.792e-4	5
107	N56	max	0.001	5	-0.067	2	0.026	7	9.889e-3	7	-2.006e-6	2	1.008e-4	5
108		min	0	2	-0.314	6	0	2	1.304e-4	2	-9.165e-6	5	2.169e-5	2
109	N57	max	0.009	5	-0.061	2	0	2	-4.372e-5	2	6.643e-6	7	-1.159e-6	7
110		min	0.002	2	-0.275	6	0	7	-3.238e-3	7	-5.015e-7	2	-1.337e-5	5
111	N59	max	-0.013	2	-0.098	2	0	2	7.297e-7	5	2.465e-4	6	2.387e-2	6
112		min	-0.055	5	-0.424	6	0	6	1.981e-8	7	4.704e-5	2	5.557e-3	2
113	N60	max	-0.007	2	-0.1	2	0	6	6.497e-6	6	8.454e-7	2	2.321e-2	6
114		min	-0.027	5	-0.432	6	0	2	9.578e-7	2	-2.096e-5	4	5.429e-3	2
115	N61	max	0.005	5	-0.106	2	0	2	-1.945e-6	2	2.211e-5	5	2.462e-2	6
116		min	0.001	2	-0.457	6	0	5	-1.839e-5	7	1.668e-6	16	5.795e-3	2
117	N62	max	-0.006	2	-0.067	2	0	7	-1.675e-8	2	0	2	-2.923e-4	2
118		min	-0.025	5	-0.307	6	0	2	-2.722e-6	7	-1.145e-8	7	-1.478e-3	6
119	N63	max	0	2	-0.071	2	0	2	3.501e-6	7	3.29e-7	7	-1.234e-4	2
120		min	-0.003	5	-0.331	6	0	7	1.672e-8	2	0	2	-7.422e-4	6
121	N64	max	0.002	6	-0.085	2	0	7	2.959e-5	7	-1.187e-8	2	3.537e-4	4
122		min	0.001	16	-0.371	6	0	2	3.966e-7	2	-9.644e-7	7	-2.407e-5	2
123	N65	max	-0.013	2	-0.002	2	-0.001	2	4.475e-6	5	2.035e-4	5	1.442e-4	5
124		min	-0.055	5	-0.013	6	-0.004	6	6.44e-7	2	4.89e-5	2	3.507e-5	2
125	N66	max	-0.007	2	-0.005	2	0	4	2.285e-5	6	-2.141e-5	2	-7.789e-5	2
126		min	-0.027	5	-0.025	6	0	2	3.694e-6	2	-9.542e-5	5	-3.342e-4	5
127	N67	max	0.001	5	-0.007	2	-0.001	2	-4.186e-6	2	-2.987e-5	2	8.942e-5	5
128		min	0	2	-0.037	6	-0.003	5	-1.715e-5	5	-1.268e-4	5	2.004e-5	2
129	N69	max	-0.012	2	-0.084	2	0	2	1.048e-6	5	2.28e-4	6	2.007e-2	6
130		min	-0.048	5	-0.355	6	0	6	1.481e-7	2	4.358e-5	2	4.782e-3	2
131	N70	max	0	2	0	2	0	2	0	2	0	7	0	6

Envelope Node Displacements (Continued)

	Node Label		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [rad]	LC	Y Rotation [rad]	LC	Z Rotation [rad]	LC
132		min	0	6	0	6	0	7	-3.844e-7	7	0	2	0	2
133	N71	max	-0.002	2	-0.028	2	0	2	-2.55e-7	2	3.859e-6	6	-6.873e-5	2
134		min	-0.006	5	-0.124	6	0	7	-2.913e-5	7	7.185e-7	2	-2.791e-4	5
135	N72	max	-0.008	2	-0.085	2	0	6	5.123e-6	6	4.029e-6	2	1.963e-2	6
136		min	-0.033	5	-0.36	6	0	2	9.041e-7	2	-7.887e-6	4	4.698e-3	2
137	N73	max	0	7	-0.044	2	0	2	0	2	0	2	3.771e-4	5
138		min	-0.001	5	-0.195	6	0	7	-7.191e-6	7	-1.456e-7	7	1.102e-4	16
139	N74	max	-0.012	2	-0.002	2	-0.001	2	2.776e-6	15	0	23	1.992e-4	5
140		min	-0.048	5	-0.009	6	-0.004	6	3.007e-7	2	0	1	4.94e-5	2
141	N75	max	-0.007	2	-0.014	2	0	7	7.164e-6	7	1.419e-6	6	7.237e-5	5
142		min	-0.027	5	-0.059	6	0	2	6.274e-8	2	2.642e-7	2	1.844e-5	2
143	N76	max	0	2	-0.017	2	0	2	0	2	6.788e-6	7	0	2
144		min	0	6	-0.077	6	0	7	-4.309e-6	7	0	2	0	6
145	N77	max	-0.005	2	-0.046	2	0	2	1.078e-6	7	0	2	-7.423e-5	23
146		min	-0.018	5	-0.201	6	0	7	0	2	0	7	-2.949e-4	5
147	N78	max	0.006	6	-0.019	2	0	2	2.003e-7	2	4.879e-8	2	-1.947e-5	2
148		min	0.001	2	-0.088	6	0	7	-1.828e-4	7	-4.444e-5	7	-7.733e-5	5
149	N79	max	0	2	0	2	0	2	-3.114e-8	2	0	6	2.95e-4	5
150		min	0	5	0	6	0	7	-3.556e-6	7	0	2	7.347e-5	2
151	N81	max	0.007	5	-0.008	2	0.001	7	-4.51e-6	2	1.539e-4	7	5.401e-3	7
152		min	0.002	2	-0.117	7	-0.002	5	-1.951e-5	5	5.373e-6	2	2.384e-4	2
153	N82	max	0	2	-0.01	2	0	7	8.961e-7	7	2.558e-6	7	0	5
154		min	0	6	-0.044	6	0	2	0	2	0	2	0	2
155	N83	max	0	6	-0.022	2	0	2	1.516e-5	7	7.062e-6	7	0	2
156		min	0	2	-0.106	6	0	7	-1.652e-8	2	0	2	0	6
157	N84	max	0.017	6	-0.055	2	0	7	1.987e-5	7	0	7	2.539e-4	6
158		min	0.004	2	-0.242	6	0	2	-1.781e-8	2	0	2	7.124e-5	16
159	N85	max	0	7	-0.01	2	0	7	4.494e-5	7	1.762e-8	2	-1.953e-6	2
160		min	-0.002	5	-0.044	6	0	2	-4.926e-8	2	-1.605e-5	7	-1.332e-5	7
161	N88	max	0.022	6	-0.092	2	0	2	-1.717e-6	2	1.839e-5	5	2.13e-2	6
162		min	0.005	2	-0.388	6	0	5	-7.966e-6	5	2.55e-7	16	5.124e-3	2
163	N89	max	0.002	5	-0.026	2	0.269	7	2.791e-3	7	1.742e-7	2	1.274e-4	6
164		min	0	2	-0.128	6	0	2	-3.059e-6	2	-1.588e-4	7	2.98e-5	2
165	N90	max	0.022	6	-0.003	2	0	23	-4.015e-6	2	0	23	-5.181e-5	2
166		min	0.005	2	-0.02	6	0	5	-1.817e-5	5	0	1	-2.087e-4	5
167	N91	max	0.023	6	-0.063	2	0	2	4.036e-6	7	0	2	-2.016e-4	2
168		min	0.006	2	-0.271	6	0	7	2.752e-8	2	0	7	-7.503e-4	6
169	N92	max	0	2	0	2	0	2	-9.573e-6	2	0	23	4.852e-4	5
170		min	0	5	0	6	0	6	-5.078e-5	6	0	1	1.191e-4	2
171	N93	max	0	5	-0.023	2	0	7	0	2	7.062e-6	7	0	6
172		min	0	2	-0.117	6	0	2	-3.687e-6	7	0	2	0	2
173	N94	max	0	6	0	2	0	2	2.444e-8	2	0	2	2.698e-5	5
174		min	0	2	0	6	0	7	-2.23e-5	7	0	7	7.513e-6	16
175	N95	max	0.013	6	-0.026	2	0	7	8.028e-4	7	1.742e-7	2	1.893e-6	7
176		min	0.003	2	-0.121	6	0	2	-8.8e-7	2	-1.588e-4	7	-2.654e-6	5
177	N96	max	0.006	5	-0.039	2	0.026	7	2.377e-4	7	5.165e-6	7	3.55e-4	5
178		min	0.001	2	-0.181	6	0	2	2.063e-6	2	7.701e-7	2	8.668e-5	2
179	N97	max	0.027	6	-0.039	2	0	7	1.378e-4	7	5.165e-6	7	-4.915e-5	2
180		min	0.007	2	-0.174	6	0	2	1.197e-6	2	7.701e-7	2	-1.972e-4	5
181	N98	max	-0.003	2	-0.04	2	0	7	4.061e-6	7	1.294e-8	7	1.112e-4	5
182		min	-0.011	5	-0.174	6	0	2	0	2	0	2	-1.668e-5	7
183	N99	max	0.001	7	-0.052	2	0	7	0	2	0	2	-2.054e-4	2
184		min	-0.001	5	-0.225	6	0	2	-1.628e-6	7	-1.103e-7	7	-7.304e-4	5
185	N100	max	-0.008	2	-0.003	2	0	4	2.173e-5	6	0	23	-9.975e-5	2
186		min	-0.032	5	-0.017	6	0	2	3.541e-6	2	0	1	-4.072e-4	5
187	N101	max	0.007	5	-0.003	2	-0.001	2	-4.627e-6	2	0	23	2.519e-4	5
188		min	0.002	2	-0.021	6	-0.003	5	-2.17e-5	5	0	1	6.132e-5	2
189	N102	max	0	6	0	2	0	7	0	7	0	23	0	6

Envelope Node Displacements (Continued)

	Node Label		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [rad]	LC	Y Rotation [rad]	LC	Z Rotation [rad]	LC
190		min	0	16	0	6	0	5	0	5	0	1	0	2
191	N103	max	-0.007	2	-0.079	2	0	2	1.415e-7	5	0	2	1.511e-3	6
192		min	-0.03	5	-0.347	6	0	7	-3.065e-8	7	0	7	2.432e-4	2
193	N104	max	0.007	5	-0.105	2	0	7	3.501e-7	7	0	7	-8.158e-6	2
194		min	0.002	2	-0.511	6	0	2	0	2	0	2	-8.947e-5	5
195	N105	max	-0.004	2	-0.022	2	0	2	0	2	3.951e-6	4	3.2e-5	5
196		min	-0.02	5	-0.105	6	0	7	-6.839e-8	7	-1.746e-6	2	6.264e-6	2
197	N106	max	0	2	-0.014	2	0	7	0	5	0	23	0	5
198		min	0	5	-0.062	6	0	2	0	7	0	1	0	2
199	N107	max	0	2	-0.077	2	0	7	3.641e-7	5	8.798e-5	4	-1.726e-6	2
200		min	0	4	-0.405	6	0	2	-5.4e-7	7	-3.891e-5	2	-9.403e-6	5
201	N108	max	0	7	-0.036	2	0	2	0	7	0	23	0	2
202		min	0	16	-0.166	6	0	7	0	5	0	1	0	5
203	N109	max	0	2	-0.067	2	0	2	0	5	0	23	0	2
204		min	0	4	-0.336	6	0	7	0	7	0	1	0	5
205	N110	max	0	5	-0.055	2	0	2	0	5	0	23	0	2
206		min	0	2	-0.257	6	0	7	0	16	0	1	0	4
207	N111	max	0.003	5	-0.008	2	0	2	-1.6e-6	23	0	23	-4.794e-5	2
208		min	0.001	7	-0.042	6	-0.001	5	-5.402e-6	5	0	1	-1.996e-4	5
209	N112	max	0	2	0	2	0	6	2.993e-5	6	0	23	6.367e-4	5
210		min	0	6	0	6	0	2	6.075e-6	2	0	1	1.463e-4	2
211	N113	max	0	5	-0.067	2	0	7	0	7	0	23	0	5
212		min	0	2	-0.323	6	0	2	0	5	0	1	0	2
213	N114	max	0	2	0	2	0	7	3.395e-8	7	0	4	2.262e-4	5
214		min	0	5	0	6	0	2	0	2	0	2	4.926e-5	2
215	N115	max	0	2	0	2	0	7	1.297e-7	7	0	2	4.26e-4	5
216		min	0	5	0	6	0	5	-7.135e-7	5	0	6	9.63e-5	2
217	N116	max	0.007	5	-0.108	2	0	2	6.736e-7	5	0	2	4.827e-4	15
218		min	0.002	2	-0.478	6	0	7	-1.186e-7	7	0	7	7.039e-6	2
219	N117	max	0	7	-0.051	2	0	2	1.512e-8	7	1.553e-5	4	-3.429e-5	2
220		min	0	16	-0.247	6	0	7	0	5	-6.863e-6	2	-1.616e-4	5
221	N118	max	0.007	5	-0.068	2	0	2	9.175e-8	5	3.299e-5	4	2.577e-5	6
222		min	0.001	2	-0.339	6	0	7	1.956e-8	2	-1.458e-5	2	6.138e-6	2
223	N119	max	0.002	5	-0.059	2	0	2	-6.026e-6	2	1.06e-4	5	1.201e-2	6
224		min	0	2	-0.273	6	0	5	-2.01e-5	5	2.731e-5	2	2.667e-3	2
225	N120	max	0.001	5	-0.077	2	0	7	1.247e-7	7	6.049e-5	4	3.728e-5	5
226		min	0	2	-0.389	6	0	5	-1.358e-7	5	-2.674e-5	2	7.042e-6	2
227	N121	max	-0.009	2	-0.021	2	0	5	1.438e-6	5	-2.719e-7	2	1.07e-4	5
228		min	-0.039	5	-0.093	6	0	7	-2.614e-7	7	-1.e-6	6	2.379e-5	2
229	N122	max	-0.003	2	-0.045	2	0	7	1.063e-6	7	-7.395e-7	2	-6.631e-5	2
230		min	-0.015	5	-0.202	6	0	5	-5.846e-6	5	-2.72e-6	6	-2.862e-4	5
231	N123	max	0.002	5	-0.072	2	0	7	1.265e-5	7	-1.084e-6	23	6.039e-5	5
232		min	0	2	-0.332	6	0	2	-6.999e-5	5	-4.584e-6	5	1.546e-5	2
233	N124	max	0.008	5	-0.067	2	0	5	2.769e-5	5	-9.327e-7	23	-1.152e-5	2
234		min	0.002	2	-0.303	6	0	7	-5.007e-6	7	-3.805e-6	5	-5.329e-5	5
235	N125	max	0	6	-0.073	2	0	2	7.161e-5	5	2.575e-5	4	-3.743e-6	2
236		min	0	2	-0.341	6	0	7	-1.154e-4	7	-1.004e-5	2	-1.407e-5	5
237	N126	max	-0.014	2	-0.107	2	0	2	8.594e-7	6	-2.889e-5	2	2.582e-2	6
238		min	-0.062	5	-0.461	6	0	7	2.035e-7	2	-1.407e-4	6	6.011e-3	2
239	N127	max	-0.01	2	-0.108	2	0	6	-4.254e-7	2	-1.054e-7	23	2.496e-2	6
240		min	-0.041	5	-0.469	6	0	2	-2.295e-6	6	-4.041e-6	5	5.836e-3	2
241	N128	max	0.003	5	-0.116	2	0	2	-1.609e-7	23	3.106e-5	5	2.648e-2	6
242		min	0.001	7	-0.499	6	0	5	-7.579e-7	5	6.239e-6	2	6.231e-3	2
243	N129	max	-0.006	2	-0.081	2	0	7	0	2	0	4	-2.334e-4	2
244		min	-0.028	5	-0.394	6	0	2	-3.244e-7	7	0	2	-1.325e-3	6
245	N130	max	-0.001	2	-0.086	2	0	2	1.999e-8	2	1.594e-8	7	-1.797e-6	2
246		min	-0.007	5	-0.433	6	0	7	-4.821e-8	4	-2.86e-8	5	-2.657e-4	7
247	N131	max	-0.001	2	-0.09	2	0	7	4.106e-8	7	0	2	6.783e-4	15

Envelope Node Displacements (Continued)

	Node Label		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [rad]	LC	Y Rotation [rad]	LC	Z Rotation [rad]	LC
248		min	-0.006	5	-0.399	6	0	2	-2.559e-7	5	-1.823e-7	7	3.046e-5	2
249	N132	max	-0.014	2	-0.003	2	0.002	6	8.029e-8	2	0	23	2.202e-4	5
250		min	-0.062	5	-0.016	6	0	2	-4.804e-7	7	0	1	5.235e-5	2
251	N133	max	-0.01	2	-0.006	2	0	5	-2.833e-6	2	0	23	-8.789e-5	2
252		min	-0.041	5	-0.032	6	0	16	-1.423e-5	6	0	1	-3.743e-4	5
253	N134	max	0.002	5	-0.009	2	-0.001	2	-4.072e-6	2	0	23	8.981e-5	5
254		min	0.001	2	-0.049	6	-0.002	5	-1.493e-5	5	0	1	2.354e-5	2
255	N135	max	0	6	-0.059	2	0	2	3.3e-7	5	1.06e-4	5	1.318e-5	5
256		min	0	2	-0.291	6	0	7	-5.316e-7	7	2.731e-5	2	3.264e-6	2
257	N136	max	0	5	-0.05	2	0	7	2.842e-3	7	0	2	0	6
258		min	0	2	-0.452	7	0	2	6.485e-5	2	0	5	0	2
259	N137	max	0	2	-0.05	2	0	2	0	2	0	2	0	6
260		min	0	6	-0.463	7	0	7	-1.568e-6	7	0	5	0	16
261	N138	max	0	2	-0.065	2	0.001	7	1.785e-6	2	-5.897e-7	2	9.212e-8	5
262		min	0	6	-0.817	7	0	2	-2.08e-3	7	-2.537e-6	5	2.561e-8	2
263	N139	max	0	2	-0.104	2	0	2	-3.611e-6	2	-1.077e-6	2	1.575e-7	5
264		min	0	6	-1.509	7	-0.008	7	-3.142e-4	7	-4.401e-6	5	4.147e-8	2
265	N140	max	0	5	-0.065	2	0.269	7	6.297e-3	7	-5.897e-7	2	1.351e-4	6
266		min	0	2	-0.793	7	0	2	8.575e-5	2	-2.537e-6	5	2.942e-5	2
267	N141	max	0	5	-0.104	2	0.026	7	1.635e-2	7	-1.077e-6	2	1.573e-4	5
268		min	0	2	-1.485	7	0	2	4.379e-4	2	-4.401e-6	5	3.613e-5	2
269	N142	max	0	5	-0.074	2	0.001	7	1.008e-2	7	-9.409e-7	2	6.458e-3	6
270		min	0	2	-1.114	7	-0.002	5	3.427e-4	2	-4.199e-6	5	1.257e-3	2
271	N143	max	0	2	-0.074	2	0	5	1.192e-5	5	-9.409e-7	2	1.035e-7	5
272		min	0	6	-1.129	7	0	7	-7.198e-6	7	-4.199e-6	5	2.963e-8	16
273	N145	max	-0.007	2	-0.002	2	0	4	-3.508e-6	2	7.484e-6	7	-5.121e-5	2
274		min	-0.027	5	-0.01	6	0	2	-1.408e-5	5	2.812e-7	2	-2.21e-4	5
275	N146	max	0	23	-0.005	2	0	2	-5.057e-6	2	4.863e-5	6	-3.448e-5	2
276		min	-0.002	6	-0.028	6	-0.001	5	-2.044e-5	5	1.118e-5	2	-1.437e-4	5
277	N147	max	0.001	5	-0.007	2	-0.001	2	-6.646e-6	2	3.356e-6	5	1.968e-5	5
278		min	0	2	-0.036	6	-0.003	5	-2.698e-5	5	8.268e-7	2	3.668e-6	2
279	N148	max	0	6	0	2	0	6	0	23	0	6	0	2
280		min	0	2	0	6	0	2	0	1	0	2	0	6
281	N144	max	0	6	0	2	0	2	0	23	0	2	0	2
282		min	0	2	0	6	0	6	0	1	0	5	0	5
283	N149	max	0	4	-0.085	2	0	2	3.993e-3	7	0	2	0	6
284		min	0	2	-1.137	7	0	7	-1.608e-4	2	0	4	0	16
285	N150	max	0	4	-0.065	2	0.001	7	1.332e-2	7	1.124e-7	2	3.737e-6	6
286		min	0	2	-2.634	7	0	2	-4.433e-6	2	-5.455e-7	4	2.171e-7	16
287	N151	max	0	6	-0.091	2	0	2	1.553e-2	7	-1.221e-6	2	2.161e-6	6
288		min	0	2	-2.85	7	-0.008	7	6.155e-5	2	-8.714e-6	6	-6.453e-7	4
289	N152	max	0	6	-0.06	2	0	2	4.633e-3	7	-1.221e-6	2	-8.307e-7	2
290		min	0	2	-0.856	7	0	7	6.112e-5	2	-8.711e-6	6	-6.476e-6	6
291	N153	max	0.019	5	-0.053	2	0	2	-2.105e-4	2	-2.707e-6	2	-3.32e-5	2
292		min	0.005	2	-0.234	6	0	5	-8.257e-4	5	-1.135e-5	5	-1.38e-4	5
293	N154	max	0.002	5	-0.061	2	0	2	2.447e-3	5	4.72e-7	2	1.587e-4	5
294		min	0.001	2	-0.275	6	0	7	6.237e-4	2	-8.643e-7	7	3.94e-5	2
295	N155	max	-0.001	2	-0.07	2	0	2	4.053e-7	5	1.642e-7	7	5.269e-4	5
296		min	-0.005	5	-0.328	6	0	7	1.013e-7	2	1.16e-8	2	1.55e-4	16
297	N156	max	0.01	5	-0.081	2	0	2	-7.429e-8	7	0	7	8.652e-4	6
298		min	0.002	2	-0.373	6	0	5	-6.226e-7	5	0	2	2.243e-4	2
299	N157	max	0	2	-0.012	2	0	7	0	7	0	23	0	5
300		min	0	5	-0.053	6	0	2	0	2	0	1	0	2
301	N158	max	0	7	-0.032	2	0	2	0	2	0	23	0	2
302		min	0	16	-0.141	6	0	7	-1.023e-8	7	0	1	0	5
303	N159	max	-0.014	2	-0.003	2	0	6	-1.242e-7	2	0	23	2.013e-4	5
304		min	-0.059	5	-0.014	6	0	2	-4.826e-7	5	0	1	4.86e-5	2
305	N160	max	-0.008	2	-0.006	2	0	5	1.824e-6	5	0	23	-1.004e-4	2

Envelope Node Displacements (Continued)

	Node Label		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [rad]	LC	Y Rotation [rad]	LC	Z Rotation [rad]	LC
306		min	-0.035	5	-0.028	6	0	16	4.696e-7	2	0	1	-4.177e-4	5
307	N161	max	0.014	5	-0.101	2	0	2	-1.229e-6	2	0	5	2.253e-2	6
308		min	0.003	2	-0.426	6	0	5	-4.801e-6	5	0	2	5.393e-3	2
309	N162	max	0.013	5	-0.008	2	0	2	-1.682e-6	2	0	23	-4.481e-5	2
310		min	0.003	2	-0.037	6	0	5	-6.535e-6	5	0	1	-1.843e-4	5
311	N163	max	-0.007	2	-0.056	2	0	2	-1.106e-6	2	2.059e-8	5	5.714e-4	6
312		min	-0.03	5	-0.245	6	0	5	-4.343e-6	5	0	2	6.649e-5	2
313	N164	max	-0.009	2	-0.017	2	0	2	-1.094e-5	2	-3.097e-7	2	9.777e-5	5
314		min	-0.039	5	-0.074	6	0	5	-4.291e-5	5	-1.294e-6	5	2.272e-5	2
315	N165	max	0	5	-0.048	2	0	7	2.744e-8	7	0	23	0	2
316		min	0	2	-0.217	6	0	2	0	2	0	1	0	5
317	N166	max	-0.003	2	-0.036	2	0	5	1.745e-4	5	-8.422e-7	2	-7.751e-5	2
318		min	-0.011	5	-0.158	6	0	2	4.448e-5	2	-3.52e-6	5	-3.242e-4	5
319	N167	max	-0.001	2	-0.064	2	0	7	7.432e-6	5	-5.226e-8	2	4.45e-5	7
320		min	-0.005	5	-0.281	6	0	2	1.895e-6	2	-3.194e-7	6	-1.291e-4	5
321	N168	max	0	2	-0.061	2	0	7	3.379e-3	7	5.414e-6	2	-1.308e-5	2
322		min	0	5	-0.282	6	0	2	-8.764e-5	2	-1.12e-5	4	-5.264e-5	5
323	N169	max	0.015	5	-0.075	2	0	2	-5.091e-6	2	0	2	-1.135e-4	23
324		min	0.004	2	-0.328	6	0	5	-1.997e-5	5	0	7	-4.606e-4	5
325	N170	max	0.003	5	-0.057	2	0	2	2.157e-4	5	8.968e-5	5	1.148e-2	6
326		min	0.001	2	-0.258	6	0	5	5.495e-5	2	2.31e-5	2	2.608e-3	2
327	N171	max	0.003	5	-0.009	2	0	2	-4.025e-6	2	0	23	1.993e-4	5
328		min	0.001	2	-0.044	6	-0.002	5	-1.561e-5	5	0	1	4.979e-5	2
329	N172	max	-0.014	2	-0.093	2	0	2	-1.345e-7	2	0	2	2.198e-2	6
330		min	-0.059	5	-0.393	6	0	5	-5.234e-7	5	0	5	5.212e-3	2
331	N173	max	0	5	-0.058	2	0	7	0	2	0	23	0	5
332		min	0	2	-0.27	6	0	5	-2.868e-8	7	0	1	0	2
333	N174	max	0.006	5	-0.059	2	0	7	9.608e-7	7	1.657e-7	7	2.068e-5	6
334		min	0.001	2	-0.275	6	0	2	-9.286e-8	2	-1.998e-8	2	4.913e-6	2
335	N175	max	0.001	5	-0.068	2	0	2	3.595e-7	2	1.657e-7	7	3.449e-5	5
336		min	0	2	-0.317	6	0	7	-3.728e-6	7	-1.998e-8	2	7.453e-6	2
337	N176	max	0	2	-0.068	2	0	7	1.585e-5	7	1.657e-7	7	-1.139e-6	2
338		min	0	5	-0.324	6	0	2	-5.412e-7	2	-1.998e-8	2	-6.569e-6	5
339	N177	max	-0.006	2	-0.065	2	0	5	-8.693e-8	2	0	7	-3.377e-5	2
340		min	-0.026	5	-0.297	6	0	7	-5.089e-7	6	0	5	-3.802e-4	7
341	N178	max	-0.008	2	-0.094	2	0	6	1.012e-6	5	0	5	2.12e-2	6
342		min	-0.035	5	-0.4	6	0	2	2.599e-7	2	0	2	5.048e-3	2
343	N179	max	0	6	0	2	0	2	0	2	0	23	0	6
344		min	0	1	0	6	0	7	0	7	0	1	0	2
345	N180	max	0	2	-0.058	2	0	2	2.229e-8	7	0	23	0	2
346		min	0	5	-0.279	6	0	7	0	2	0	1	0	5
347	N181	max	0	2	0	2	0	2	0	2	0	7	2.037e-4	5
348		min	0	5	0	6	0	7	-2.744e-8	7	0	2	4.672e-5	2
349	N182	max	-0.004	2	-0.019	2	0	7	5.528e-8	7	2.313e-8	7	2.985e-5	5
350		min	-0.018	5	-0.087	6	0	2	0	2	0	2	6.507e-6	2
351	N183	max	0	7	-0.044	2	0	2	2.433e-8	2	8.836e-8	7	-3.314e-5	2
352		min	0	16	-0.201	6	0	7	-2.504e-7	7	0	2	-1.464e-4	5
353	N184	max	0	2	0	2	0	5	2.13e-5	5	0	2	4.262e-4	5
354		min	0	5	0	6	0	2	5.429e-6	2	0	5	1.002e-4	2
355	N185	max	0	2	0	2	0	5	2.374e-7	5	0	23	6.071e-4	5
356		min	0	6	0	6	0	2	6.112e-8	2	0	1	1.436e-4	2
357	N186	max	0	2	-0.057	2	0	7	1.557e-5	7	8.968e-5	5	2.102e-5	5
358		min	0	5	-0.269	6	0	2	-4.038e-7	2	2.31e-5	2	5.201e-6	2
359	N187	max	0.001	2	-0.067	2	0.066	4	1.371e-3	15	1.048e-4	4	-6.086e-4	2
360		min	-0.017	4	-0.38	6	0	2	5.042e-5	2	-4.791e-5	2	-3.25e-3	5
361	N188	max	0.001	2	-0.086	2	0.054	5	1.801e-3	5	9.232e-5	4	3.846e-3	6
362		min	-0.018	4	-0.383	6	0.016	2	3.981e-4	2	-4.201e-5	2	5.33e-4	2
363	N189	max	-0.001	2	-0.077	2	0.066	4	1.6e-3	4	8.811e-5	4	-1.63e-4	2

Envelope Node Displacements (Continued)

	Node Label		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [rad]	LC	Y Rotation [rad]	LC	Z Rotation [rad]	LC
364		min	-0.017	7	-0.408	6	0	2	-6.29e-5	2	-3.896e-5	2	-8.499e-4	5
365	N190	max	-0.001	2	-0.074	2	0.054	5	6.875e-4	5	7.321e-5	4	1.557e-3	6
366		min	-0.017	7	-0.344	6	0.016	2	7.828e-5	16	-3.128e-5	2	2.28e-4	2
367	N191	max	0.003	4	-0.085	2	0.066	4	0	23	0	23	-6.086e-4	2
368		min	-0.011	6	-1.109	8	0	2	0	1	0	1	-3.25e-3	5
369	N192	max	0.003	4	-0.26	2	0.054	5	0	23	0	23	3.846e-3	6
370		min	-0.011	6	-1.062	6	0.016	2	0	1	0	1	5.33e-4	2
371	N193	max	-0.001	2	-0.09	2	0.055	5	9.112e-4	5	1.781e-4	4	7.023e-4	6
372		min	-0.017	7	-0.459	6	0.01	2	1.881e-4	2	-8.332e-5	2	7.889e-5	2
373	N194	max	0.001	2	-0.123	2	0.055	5	2.713e-4	5	1.416e-4	4	1.195e-3	15
374		min	-0.017	4	-0.655	6	0.01	2	6.22e-5	2	-6.633e-5	2	9.413e-5	2
375	N195	max	0.003	4	-0.196	2	0.055	5	0	23	1.427e-4	4	1.524e-3	4
376		min	-0.011	6	-1.077	6	0.01	2	0	1	-6.705e-5	2	-7.877e-4	2

Envelope Member Section Forces

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1	M1	1	max	102.045	6	0	23	0	7	0	2	0	23	0	23
2			min	21.662	2	0	1	0	2	-0.001	7	0	1	0	1
3		2	max	102.014	6	0	23	0	7	0	2	0	7	0	23
4			min	21.662	2	0	1	0	2	-0.001	7	0	2	0	1
5		3	max	101.984	6	0	23	0	7	0	2	0.001	7	0	23
6			min	21.662	2	0	1	0	2	-0.001	7	0	2	0	1
7		4	max	101.954	6	0	23	0	7	0	2	0.001	7	0	23
8			min	21.662	2	0	1	0	2	-0.001	7	0	2	0	1
9		5	max	101.924	6	0	23	0	7	0	2	0.002	7	0	23
10			min	21.662	2	0	1	0	2	-0.001	7	0	2	0	1
11	M2	1	max	74.757	6	0	23	0	2	0	2	0.002	7	0	23
12			min	15.551	2	0	1	-0.001	7	-0.001	7	0	2	0	1
13		2	max	74.722	6	0	23	0	2	0	2	0	2	0	23
14			min	15.551	2	0	1	-0.001	7	-0.001	7	-0.001	6	0	1
15		3	max	74.687	6	0	23	0	2	0	2	0	2	0	23
16			min	15.551	2	0	1	-0.001	7	-0.001	7	-0.003	7	0	1
17		4	max	74.652	6	0	23	0	2	0	2	0	2	0	23
18			min	15.551	2	0	1	-0.001	7	-0.001	7	-0.005	7	0	1
19		5	max	74.618	6	0	23	0	2	0	2	0	2	0	23
20			min	15.551	2	0	1	-0.001	7	-0.001	7	-0.007	7	0	1
21	M3	1	max	61.325	6	0	23	0.002	7	0	23	0	6	0	23
22			min	12.896	2	0	1	0	2	0	1	-0.001	7	0	1
23		2	max	61.295	6	0	23	0.002	7	0	23	0.004	7	0	23
24			min	12.896	2	0	1	0	2	0	1	0	2	0	1
25		3	max	61.265	6	0	23	0.002	7	0	23	0.008	7	0	23
26			min	12.896	2	0	1	0	2	0	1	0	2	0	1
27		4	max	61.234	6	0	23	0.002	7	0	23	0.012	7	0	23
28			min	12.896	2	0	1	0	2	0	1	0	2	0	1
29		5	max	61.204	6	0	23	0.002	7	0	23	0.016	7	0	23
30			min	12.896	2	0	1	0	2	0	1	0	2	0	1
31	M4	1	max	35.107	6	0	23	0.002	7	0	23	0	2	0	23
32			min	6.697	2	0	1	0	2	0	1	-0.02	7	0	1
33		2	max	35.068	6	0	23	0.002	7	0	23	0	2	0	23
34			min	6.697	2	0	1	0	2	0	1	-0.013	7	0	1
35		3	max	35.03	6	0	23	0.002	7	0	23	0	2	0	23
36			min	6.697	2	0	1	0	2	0	1	-0.007	7	0	1
37		4	max	34.991	6	0	23	0.002	7	0	23	0	2	0	23
38			min	6.697	2	0	1	0	2	0	1	0	7	0	1
39		5	max	34.952	6	0	23	0.002	7	0	23	0.006	7	0	23
40			min	6.697	2	0	1	0	2	0	1	0	2	0	1
41	M5	1	max	9.247	7	0	23	0	2	0	23	0.004	7	0	23
42			min	0	2	0	1	0	7	0	1	0	2	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
43		2	max	9.208	7	0	23	0	2	0	23	0.003	7	0	23
44			min	0	2	0	1	0	7	0	1	0	2	0	1
45		3	max	9.169	7	0	23	0	2	0	23	0.002	7	0	23
46			min	0	2	0	1	0	7	0	1	0	2	0	1
47		4	max	9.131	7	0	23	0	2	0	23	0	7	0	23
48			min	0	2	0	1	0	7	0	1	0	2	0	1
49		5	max	9.092	7	0	23	0	2	0	23	0	2	0	23
50			min	0	2	0	1	0	7	0	1	-0.001	7	0	1
51	M6	1	max	306.803	6	-0.033	2	0.029	7	0	7	0	23	0	23
52			min	62.182	2	-0.152	6	0	2	0	4	0	1	0	1
53		2	max	306.629	6	-0.033	2	0.029	7	0	7	0.072	7	0.381	6
54			min	62.182	2	-0.152	6	0	2	0	4	0	2	0.083	2
55		3	max	306.454	6	-0.033	2	0.029	7	0	7	0.144	7	0.762	6
56			min	62.182	2	-0.152	6	0	2	0	4	0	2	0.166	2
57		4	max	306.279	6	-0.033	2	0.029	7	0	7	0.215	7	1.144	6
58			min	62.182	2	-0.152	6	0	2	0	4	0	2	0.249	2
59		5	max	306.105	6	-0.033	2	0.029	7	0	7	0.287	7	1.525	6
60			min	62.182	2	-0.152	6	0	2	0	4	0	2	0.332	2
61	M7	1	max	271.48	6	0.211	6	0	2	0	7	0.287	7	1.525	6
62			min	53.664	2	0.047	2	-0.119	7	0	4	0	2	0.332	2
63		2	max	271.279	6	0.211	6	0	2	0	7	0	2	0.921	5
64			min	53.664	2	0.047	2	-0.119	7	0	4	-0.055	7	0.196	2
65		3	max	271.078	6	0.211	6	0	2	0	7	0	2	0.318	5
66			min	53.664	2	0.047	2	-0.119	7	0	4	-0.396	7	0.06	2
67		4	max	270.878	6	0.211	6	0	2	0	7	0.001	2	-0.076	2
68			min	53.664	2	0.047	2	-0.119	7	0	4	-0.738	7	-0.292	6
69		5	max	270.677	6	0.211	6	0	2	0	7	0.001	2	-0.213	2
70			min	53.664	2	0.047	2	-0.119	7	0	4	-1.08	7	-0.897	6
71	M8	1	max	200.859	6	-0.029	2	0.47	7	0	7	0.001	2	-0.213	2
72			min	37.704	2	-0.113	6	0	2	0	16	-1.09	7	-0.897	6
73		2	max	200.74	6	-0.029	2	0.47	7	0	7	0.086	7	-0.14	2
74			min	37.704	2	-0.113	6	0	2	0	16	0	2	-0.616	6
75		3	max	200.62	6	-0.029	2	0.47	7	0	7	1.262	7	-0.068	2
76			min	37.704	2	-0.113	6	0	2	0	16	-0.001	2	-0.335	5
77		4	max	200.501	6	-0.029	2	0.47	7	0	7	2.438	7	0.004	2
78			min	37.704	2	-0.113	6	0	2	0	16	-0.002	2	-0.076	4
79		5	max	200.382	6	-0.029	2	0.47	7	0	7	3.614	7	0.228	6
80			min	37.704	2	-0.113	6	0	2	0	16	-0.004	2	0.055	16
81	M9	1	max	112.913	6	0.028	6	0.001	2	0	2	3.656	7	0.228	6
82			min	18.098	2	0.006	16	-0.78	7	0	4	-0.004	2	0.055	16
83		2	max	112.815	6	0.028	6	0.001	2	0	2	1.61	7	0.156	6
84			min	18.098	2	0.006	16	-0.78	7	0	4	-0.002	2	0.04	16
85		3	max	112.717	6	0.028	6	0.001	2	0	2	0	2	0.084	6
86			min	18.098	2	0.006	16	-0.78	7	0	4	-0.437	7	0.024	2
87		4	max	112.619	6	0.028	6	0.001	2	0	2	0.002	2	0.019	4
88			min	18.098	2	0.006	16	-0.78	7	0	4	-2.484	7	-0.002	2
89		5	max	112.521	6	0.028	6	0.001	2	0	2	0.004	2	-0.005	23
90			min	18.098	2	0.006	16	-0.78	7	0	4	-4.53	7	-0.061	6
91	M10	1	max	50.661	7	-0.001	23	0.432	7	0	2	0.005	2	-0.005	23
92			min	1.754	2	-0.006	6	0	2	0	4	-4.521	7	-0.06	6
93		2	max	50.563	7	-0.001	23	0.432	7	0	2	0.004	2	-0.004	23
94			min	1.754	2	-0.006	6	0	2	0	4	-3.387	7	-0.045	6
95		3	max	50.466	7	-0.001	23	0.432	7	0	2	0.003	2	-0.003	23
96			min	1.754	2	-0.006	6	0	2	0	4	-2.253	7	-0.03	6
97		4	max	50.368	7	-0.001	23	0.432	7	0	2	0.001	2	-0.001	23
98			min	1.754	2	-0.006	6	0	2	0	4	-1.119	7	-0.015	6
99		5	max	50.27	7	-0.001	23	0.432	7	0	2	0.015	7	0	6
100			min	1.754	2	-0.006	6	0	2	0	4	0	2	0	16

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
101	M11	1	max	333.359	6	-0.056	2	0.009	7	0	6	0	23	0	23
102			min	77.013	2	-0.245	5	0.001	2	0	2	0	1	0	1
103		2	max	333.158	6	-0.056	2	0.009	7	0	6	0.023	7	0.612	5
104			min	77.013	2	-0.245	5	0.001	2	0	2	0.002	2	0.139	2
105		3	max	332.957	6	-0.056	2	0.009	7	0	6	0.046	7	1.223	5
106			min	77.013	2	-0.245	5	0.001	2	0	2	0.005	2	0.278	2
107		4	max	332.756	6	-0.056	2	0.009	7	0	6	0.069	7	1.835	5
108			min	77.013	2	-0.245	5	0.001	2	0	2	0.007	2	0.417	2
109		5	max	332.555	6	-0.056	2	0.009	7	0	6	0.092	7	2.447	5
110			min	77.013	2	-0.245	5	0.001	2	0	2	0.009	2	0.556	2
111	M12	1	max	297.491	6	0.302	6	-0.003	2	0	6	0.092	7	2.447	5
112			min	68.267	2	0.069	2	-0.034	7	0	2	0.009	2	0.556	2
113		2	max	297.325	6	0.302	6	-0.003	2	0	6	0	2	1.58	5
114			min	68.267	2	0.069	2	-0.034	7	0	2	-0.005	7	0.357	2
115		3	max	297.16	6	0.302	6	-0.003	2	0	6	-0.01	2	0.713	5
116			min	68.267	2	0.069	2	-0.034	7	0	2	-0.102	7	0.158	2
117		4	max	296.994	6	0.302	6	-0.003	2	0	6	-0.02	2	-0.041	2
118			min	68.267	2	0.069	2	-0.034	7	0	2	-0.199	7	-0.163	6
119		5	max	296.829	6	0.302	6	-0.003	2	0	6	-0.029	2	-0.24	2
120			min	68.267	2	0.069	2	-0.034	7	0	2	-0.295	7	-1.032	6
121	M13	1	max	199.785	6	-0.032	2	0.124	7	0	2	-0.029	2	-0.24	2
122			min	45.093	2	-0.134	6	0.012	2	0	8	-0.296	7	-1.032	6
123		2	max	199.692	6	-0.032	2	0.124	7	0	2	0.015	7	-0.16	2
124			min	45.093	2	-0.134	6	0.012	2	0	8	0.001	2	-0.696	6
125		3	max	199.599	6	-0.032	2	0.124	7	0	2	0.326	7	-0.081	2
126			min	45.093	2	-0.134	6	0.012	2	0	8	0.032	2	-0.363	5
127		4	max	199.506	6	-0.032	2	0.124	7	0	2	0.637	7	0	7
128			min	45.093	2	-0.134	6	0.012	2	0	8	0.063	2	-0.034	4
129		5	max	199.412	6	-0.032	2	0.124	7	0	2	0.948	7	0.312	6
130			min	45.093	2	-0.134	6	0.012	2	0	8	0.094	2	0.077	2
131	M14	1	max	110.29	6	-0.17	2	-0.011	2	0	2	0.312	6	-0.095	2
132			min	23.516	2	-1.274	7	-0.044	6	0	8	0.077	2	-0.951	7
133		2	max	110.1	6	-0.17	2	-0.011	2	0	2	0.197	6	2.392	7
134			min	23.516	2	-1.274	7	-0.044	6	0	8	0.048	2	0.351	2
135		3	max	109.911	6	-0.17	2	-0.011	2	0	2	0.082	6	5.735	7
136			min	23.516	2	-1.274	7	-0.044	6	0	8	0.019	2	0.796	2
137		4	max	109.721	6	-0.17	2	-0.011	2	0	2	-0.009	23	9.079	7
138			min	23.516	2	-1.274	7	-0.044	6	0	8	-0.033	6	1.242	2
139		5	max	109.531	6	-0.17	2	-0.011	2	0	2	-0.039	2	12.422	7
140			min	23.516	2	-1.274	7	-0.044	6	0	8	-0.148	6	1.687	2
141	M15	1	max	42.581	6	-0.163	2	0.014	6	0.001	2	-0.038	2	-1.624	2
142			min	7.363	2	-5.672	7	0.004	2	-0.003	4	-0.147	6	-23.016	7
143		2	max	42.391	6	-0.163	2	0.014	6	0.001	2	-0.029	2	-1.197	2
144			min	7.363	2	-5.672	7	0.004	2	-0.003	4	-0.11	6	-8.126	7
145		3	max	42.201	6	-0.163	2	0.014	6	0.001	2	-0.019	2	6.763	7
146			min	7.363	2	-5.672	7	0.004	2	-0.003	4	-0.074	6	-0.769	2
147		4	max	42.012	6	-0.163	2	0.014	6	0.001	2	-0.01	2	21.652	7
148			min	7.363	2	-5.672	7	0.004	2	-0.003	4	-0.037	6	-0.341	2
149		5	max	41.822	6	-0.163	2	0.014	6	0.001	2	0	6	36.542	7
150			min	7.363	2	-5.672	7	0.004	2	-0.003	4	0	16	0.086	2
151	M16	1	max	4.436	6	2.464	6	0	2	-0.005	2	0.001	6	14.238	6
152			min	0.984	2	0.581	2	0	6	-0.027	6	0	2	3.353	2
153		2	max	4.402	6	2.464	6	0	2	-0.005	2	0	23	7.154	6
154			min	0.984	2	0.581	2	0	6	-0.027	6	0	5	1.684	2
155		3	max	4.367	6	2.464	6	0	2	-0.005	2	0	2	0.07	6
156			min	0.984	2	0.581	2	0	6	-0.027	6	-0.001	6	0.014	2
157		4	max	4.332	6	2.464	6	0	2	-0.005	2	0	2	-1.656	2
158			min	0.984	2	0.581	2	0	6	-0.027	6	-0.001	6	-7.015	6

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
159		5	max	4.297	6	2.464	6	0	2	-0.005	2	0	2	-3.325	2
160			min	0.984	2	0.581	2	0	6	-0.027	6	-0.002	6	-14.099	6
161	M17	1	max	14.284	5	3.288	6	0	2	-0.002	2	0.002	5	16.301	6
162			min	3.441	2	0.779	2	0	5	-0.006	5	0	2	3.859	2
163		2	max	14.254	5	3.288	6	0	2	-0.002	2	0.001	6	8.08	6
164			min	3.441	2	0.779	2	0	5	-0.006	5	0	2	1.911	2
165		3	max	14.224	5	3.288	6	0	2	-0.002	2	0.001	6	-0.037	2
166			min	3.441	2	0.779	2	0	5	-0.006	5	0	2	-0.143	5
167		4	max	14.194	5	3.288	6	0	2	-0.002	2	0.001	7	-1.985	2
168			min	3.441	2	0.779	2	0	5	-0.006	5	0	2	-8.362	6
169		5	max	14.164	5	3.288	6	0	2	-0.002	2	0	7	-3.933	2
170			min	3.441	2	0.779	2	0	5	-0.006	5	0	5	-16.583	6
171	M18	1	max	8.684	15	-0.008	2	0	2	0	7	0	2	-0.055	2
172			min	0.636	2	-0.045	6	0	7	0	2	0	7	-0.289	6
173		2	max	8.656	15	-0.008	2	0	2	0	7	0	2	-0.031	2
174			min	0.636	2	-0.045	6	0	7	0	2	0	7	-0.161	6
175		3	max	8.628	15	-0.008	2	0	2	0	7	0	2	-0.007	2
176			min	0.636	2	-0.045	6	0	7	0	2	-0.001	7	-0.032	6
177		4	max	8.599	15	-0.008	2	0	2	0	7	0	2	0.096	6
178			min	0.636	2	-0.045	6	0	7	0	2	-0.001	7	0.017	2
179		5	max	8.571	15	-0.008	2	0	2	0	7	0	2	0.224	6
180			min	0.636	2	-0.045	6	0	7	0	2	-0.001	7	0.041	2
181	M19	1	max	28.288	6	-0.007	2	0.001	7	0	2	0	2	-0.037	2
182			min	6.865	2	-0.035	6	0	2	0	7	-0.001	7	-0.189	6
183		2	max	28.267	6	-0.007	2	0.001	7	0	2	0.001	7	-0.019	2
184			min	6.865	2	-0.035	6	0	2	0	7	0	2	-0.1	6
185		3	max	28.246	6	-0.007	2	0.001	7	0	2	0.002	7	-0.001	2
186			min	6.865	2	-0.035	6	0	2	0	7	0	2	-0.012	7
187		4	max	28.225	6	-0.007	2	0.001	7	0	2	0.003	7	0.078	5
188			min	6.865	2	-0.035	6	0	2	0	7	0	2	0.018	2
189		5	max	28.204	6	-0.007	2	0.001	7	0	2	0.005	7	0.166	6
190			min	6.865	2	-0.035	6	0	2	0	7	0	2	0.036	2
191	M20	1	max	14.882	6	0.05	6	0	2	0	7	0	2	0.33	6
192			min	3.365	2	0.007	2	0	7	0	5	0	7	0.052	2
193		2	max	14.857	6	0.05	6	0	2	0	7	0	2	0.187	6
194			min	3.365	2	0.007	2	0	7	0	5	0	7	0.031	2
195		3	max	14.833	6	0.05	6	0	2	0	7	0	2	0.044	6
196			min	3.365	2	0.007	2	0	7	0	5	0	7	0.011	2
197		4	max	14.809	6	0.05	6	0	2	0	7	0	2	-0.01	2
198			min	3.365	2	0.007	2	0	7	0	5	0	7	-0.101	8
199		5	max	14.785	6	0.05	6	0	2	0	7	0	2	-0.031	2
200			min	3.365	2	0.007	2	0	7	0	5	-0.001	7	-0.243	6
201	M21	1	max	27.479	6	0.021	4	0	7	0	3	0	2	0.119	4
202			min	6.404	2	-0.002	2	0	2	0	7	0	7	-0.009	2
203		2	max	27.457	6	0.021	4	0	7	0	3	0	7	0.067	4
204			min	6.404	2	-0.002	2	0	2	0	7	0	2	-0.002	2
205		3	max	27.436	6	0.021	4	0	7	0	3	0.001	7	0.02	6
206			min	6.404	2	-0.002	2	0	2	0	7	0	2	0.004	2
207		4	max	27.415	6	0.021	4	0	7	0	3	0.001	7	0.01	2
208			min	6.404	2	-0.002	2	0	2	0	7	0	2	-0.037	4
209		5	max	27.394	6	0.021	4	0	7	0	3	0.002	7	0.016	2
210			min	6.404	2	-0.002	2	0	2	0	7	0	2	-0.089	4
211	M22	1	max	16.316	5	19.234	6	0	23	0	2	0	23	0	23
212			min	3.518	2	4.759	2	0	1	0	7	0	1	0	1
213		2	max	16.316	5	19.135	6	0	23	0	2	0	23	-16.26	2
214			min	3.518	2	4.759	2	0	1	0	7	0	1	-65.55	5
215		3	max	16.316	5	-1.001	2	0	23	0	2	0	23	-22.081	2
216			min	3.518	2	-4.003	5	0	1	0	7	0	1	-88.999	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
217		4	max	16.316	5	-3.881	2	0	23	0	2	0	23	-16.561	2
218			min	3.518	2	-15.622	5	0	1	0	7	0	1	-66.749	5
219		5	max	16.316	5	-6.761	2	0	23	0	2	0	23	0	23
220			min	3.518	2	-27.241	5	0	1	0	7	0	1	0	1
221	M23	1	max	16.603	5	7.464	6	0	2	0	7	0	23	0	23
222			min	3.596	2	1.76	2	0	7	0	2	0	1	0	1
223		2	max	16.603	5	7.435	6	0	2	0	7	0	2	-2.136	2
224			min	3.596	2	1.76	2	0	7	0	2	0	7	-9.04	6
225		3	max	16.603	5	-1.12	2	0	2	0	7	0	2	-2.622	2
226			min	3.596	2	-4.123	5	0	7	0	2	0	7	-11.443	6
227		4	max	16.603	5	-1.12	2	0	2	0	7	0	2	-1.264	2
228			min	3.596	2	-4.152	5	0	7	0	2	0	7	-6.433	6
229		5	max	16.603	5	-1.12	2	0	2	0	7	0	2	0.095	2
230			min	3.596	2	-4.181	5	0	7	0	2	0	7	-1.741	4
231	M24	1	max	1.328	5	0.397	5	0	2	0	7	0	7	0.15	2
232			min	0.317	16	0.099	16	0	7	0	2	0	2	-1.51	4
233		2	max	1.328	5	0.345	5	0	2	0	7	0	7	-0.154	2
234			min	0.317	16	0.069	16	0	7	0	2	0	2	-1.96	8
235		3	max	1.328	5	0.294	5	0	2	0	7	0	7	-0.457	2
236			min	0.317	16	0.039	16	0	7	0	2	0	2	-2.565	6
237		4	max	1.328	5	0.243	5	0	2	0	7	0	7	-0.761	2
238			min	0.317	16	0.009	16	0	7	0	2	0	2	-3.136	6
239		5	max	1.328	5	0.192	5	0	2	0	7	0	7	-1.064	2
240			min	0.317	16	-0.041	4	0	7	0	2	0	2	-3.596	6
241	M25	1	max	18.931	5	3.656	5	0	7	0	2	0	2	-1.117	2
242			min	4.522	2	0.87	2	0	2	0	7	0	7	-3.928	6
243		2	max	18.931	5	3.627	5	0	7	0	2	0	2	-2.173	2
244			min	4.522	2	0.87	2	0	2	0	7	0	7	-8.339	6
245		3	max	18.931	5	3.597	5	0	7	0	2	0	2	-3.228	2
246			min	4.522	2	0.87	2	0	2	0	7	0	7	-12.715	6
247		4	max	18.931	5	-2.01	2	0	7	0	2	0	2	-2.439	2
248			min	4.522	2	-7.958	6	0	2	0	7	0	7	-9.675	6
249		5	max	18.931	5	-2.01	2	0	7	0	2	0	23	0	23
250			min	4.522	2	-7.987	6	0	2	0	7	0	1	0	1
251	M26	1	max	19.335	5	27.213	6	0	23	0	7	0	23	0	23
252			min	4.639	2	6.744	2	0	1	0	2	0	1	0	1
253		2	max	19.335	5	15.594	6	0	23	0	7	0	23	-16.559	2
254			min	4.639	2	3.864	2	0	1	0	2	0	1	-66.74	5
255		3	max	19.335	5	3.975	6	0	23	0	7	0	23	-22.078	2
256			min	4.639	2	0.984	2	0	1	0	2	0	1	-88.987	5
257		4	max	19.335	5	-4.776	2	0	23	0	7	0	23	-16.318	2
258			min	4.639	2	-19.163	5	0	1	0	2	0	1	-65.64	5
259		5	max	19.335	5	-4.776	2	0	23	0	7	0	23	0	23
260			min	4.639	2	-19.262	5	0	1	0	2	0	1	0	1
261	M27	1	max	-0.349	2	19.586	6	0	23	0.008	7	0	23	0	23
262			min	-2.395	6	4.759	2	0	1	0	2	0	1	0	1
263		2	max	-0.349	2	19.311	6	0	23	0.008	7	0	23	-16.26	2
264			min	-2.395	6	4.759	2	0	1	0	2	0	1	-66.452	5
265		3	max	-0.349	2	-1.001	2	0	23	0.008	7	0	23	-22.081	2
266			min	-2.395	6	-4.003	5	0	1	0	2	0	1	-90.202	5
267		4	max	-0.349	2	-3.881	2	0	23	0.008	7	0	23	-16.561	2
268			min	-2.395	6	-15.798	5	0	1	0	2	0	1	-67.652	5
269		5	max	-0.349	2	-6.761	2	0	23	0.008	7	0	23	0	23
270			min	-2.395	6	-27.593	5	0	1	0	2	0	1	0	1
271	M28	1	max	14.216	5	7.142	6	0	7	0	2	0	23	0	23
272			min	2.612	2	1.668	2	0	2	-0.001	7	0	1	0	1
273		2	max	14.216	5	7.113	6	0	7	0	2	0	7	-2.024	2
274			min	2.612	2	1.668	2	0	2	-0.001	7	0	2	-8.65	6

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
275		3	max	14.216	5	-1.212	2	0	7	0	2	0	7	-2.397	2
276			min	2.612	2	-4.442	5	0	2	-0.001	7	0	2	-10.662	6
277		4	max	14.216	5	-1.212	2	0	7	0	2	0.001	7	-0.925	2
278			min	2.612	2	-4.471	5	0	2	-0.001	7	0	2	-5.262	6
279		5	max	14.216	5	-1.212	2	0	7	0	2	0.001	7	0.546	2
280			min	2.612	2	-4.5	5	0	2	-0.001	7	0	2	-0.781	4
281	M29	1	max	-1.084	2	0.443	5	0	2	0	2	0	7	0.625	2
282			min	-5.055	5	0.097	16	0	7	0	7	0	2	-0.451	4
283		2	max	-1.084	2	0.391	5	0	2	0	2	0	7	0.256	2
284			min	-5.055	5	0.067	16	0	7	0	7	0	2	-0.8	4
285		3	max	-1.084	2	0.34	5	0	2	0	2	0	2	-0.114	2
286			min	-5.055	5	0.037	16	0	7	0	7	0	7	-1.087	8
287		4	max	-1.084	2	0.289	5	0	2	0	2	0	2	-0.483	2
288			min	-5.055	5	0.007	16	0	7	0	7	0	7	-1.749	6
289		5	max	-1.084	2	0.238	5	0	2	0	2	0	2	-0.542	23
290			min	-5.055	5	-0.045	4	0	7	0	7	0	7	-2.309	6
291	M30	1	max	14.298	5	3.918	5	0	7	0	7	0	2	-0.712	23
292			min	3.436	2	0.92	2	0	2	0	2	0	7	-2.643	6
293		2	max	14.298	5	3.889	5	0	7	0	7	0	2	-1.991	2
294			min	3.436	2	0.92	2	0	2	0	2	0	7	-7.375	6
295		3	max	14.298	5	3.86	5	0	7	0	7	0	2	-3.107	2
296			min	3.436	2	0.92	2	0	2	0	2	0	7	-12.072	6
297		4	max	14.298	5	-1.96	2	0	7	0	7	0	2	-2.379	2
298			min	3.436	2	-7.693	6	0	2	0	2	0	7	-9.354	6
299		5	max	14.298	5	-1.96	2	0	7	0	7	0	23	0	23
300			min	3.436	2	-7.722	6	0	2	0	2	0	1	0	1
301	M31	1	max	20.41	5	27.213	6	0	23	0	2	0	23	0	23
302			min	5.009	2	6.744	2	0	1	0	7	0	1	0	1
303		2	max	20.41	5	15.594	6	0	23	0	2	0	23	-16.559	2
304			min	5.009	2	3.864	2	0	1	0	7	0	1	-66.74	5
305		3	max	20.41	5	3.975	6	0	23	0	2	0	23	-22.078	2
306			min	5.009	2	0.984	2	0	1	0	7	0	1	-88.987	5
307		4	max	20.41	5	-4.776	2	0	23	0	2	0	23	-16.318	2
308			min	5.009	2	-19.163	5	0	1	0	7	0	1	-65.64	5
309		5	max	20.41	5	-4.776	2	0	23	0	2	0	23	0	23
310			min	5.009	2	-19.262	5	0	1	0	7	0	1	0	1
311	M32	1	max	1.455	2	19.586	6	0	23	0	2	0	23	0	23
312			min	-2.065	4	4.759	2	0	1	-0.036	7	0	1	0	1
313		2	max	1.455	2	19.311	6	0	23	0	2	0	23	-16.26	2
314			min	-2.065	4	4.759	2	0	1	-0.036	7	0	1	-66.452	5
315		3	max	1.455	2	-1.001	2	0	23	0	2	0	23	-22.081	2
316			min	-2.065	4	-4.003	5	0	1	-0.036	7	0	1	-90.202	5
317		4	max	1.455	2	-3.881	2	0	23	0	2	0	23	-16.561	2
318			min	-2.065	4	-15.798	5	0	1	-0.036	7	0	1	-67.652	5
319		5	max	1.455	2	-6.761	2	0	23	0	2	0	23	0	23
320			min	-2.065	4	-27.593	5	0	1	-0.036	7	0	1	0	1
321	M33	1	max	2.601	6	7.087	5	0	2	0.005	7	0	23	0	23
322			min	0.347	2	1.685	2	0	7	0	2	0	1	0	1
323		2	max	2.601	6	7.058	5	0	2	0.005	7	0	2	-2.045	2
324			min	0.347	2	1.685	2	0	7	0	2	0	7	-8.583	5
325		3	max	2.601	6	-1.195	2	0	2	0.005	7	0	2	-2.439	2
326			min	0.347	2	-4.492	6	0	7	0	2	0	7	-10.528	5
327		4	max	2.601	6	-1.195	2	0	2	0.005	7	0	2	-0.988	2
328			min	0.347	2	-4.521	6	0	7	0	2	0	7	-5.061	5
329		5	max	2.601	6	-1.195	2	0	2	0.005	7	0	2	0.462	2
330			min	0.347	2	-4.55	6	0	7	0	2	0	7	-0.344	4
331	M34	1	max	2.638	6	0.326	5	0	7	0	7	0	2	0.614	6
332			min	0.354	2	0.073	16	0	2	0	2	0	7	-0.218	4

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
333		2	max	2.638	6	0.274	5	0	7	0	7	0	2	0.23	2
334			min	0.354	2	0.043	16	0	2	0	2	0	7	-0.464	4
335		3	max	2.638	6	0.223	5	0	7	0	7	0	1	-0.039	2
336			min	0.354	2	0.013	16	0	2	0	2	0	5	-0.599	8
337		4	max	2.638	6	0.172	5	0	7	0	7	0	7	-0.286	23
338			min	0.354	2	-0.034	4	0	2	0	2	0	2	-0.984	5
339		5	max	2.638	6	0.126	2	0	7	0	7	0	7	-0.218	23
340			min	0.354	2	-0.094	4	0	2	0	2	0	2	-1.296	5
341	M35	1	max	2.623	6	4.183	6	0	2	0	2	0	7	-0.262	23
342			min	0.356	2	0.985	2	0	7	-0.002	7	0	2	-1.345	5
343		2	max	2.623	6	4.154	6	0	2	0	2	0	7	-1.754	2
344			min	0.356	2	0.985	2	0	7	-0.002	7	0	2	-6.402	5
345		3	max	2.623	6	4.125	6	0	2	0	2	0	7	-2.949	2
346			min	0.356	2	0.985	2	0	7	-0.002	7	0	2	-11.423	5
347		4	max	2.623	6	-1.895	2	0	2	0	2	0	7	-2.3	2
348			min	0.356	2	-7.426	5	0	7	-0.002	7	0	2	-9.029	5
349		5	max	2.623	6	-1.895	2	0	2	0	2	0	23	0	23
350			min	0.356	2	-7.455	5	0	7	-0.002	7	0	1	0	1
351	M36	1	max	3.325	5	27.213	6	0	23	0.001	7	0	23	0	23
352			min	0.796	2	6.744	2	0	1	0	2	0	1	0	1
353		2	max	3.325	5	15.594	6	0	23	0.001	7	0	23	-16.559	2
354			min	0.796	2	3.864	2	0	1	0	2	0	1	-66.74	5
355		3	max	3.325	5	3.975	6	0	23	0.001	7	0	23	-22.078	2
356			min	0.796	2	0.984	2	0	1	0	2	0	1	-88.987	5
357		4	max	3.325	5	-4.776	2	0	23	0.001	7	0	23	-16.318	2
358			min	0.796	2	-19.163	5	0	1	0	2	0	1	-65.64	5
359		5	max	3.325	5	-4.776	2	0	23	0.001	7	0	23	0	23
360			min	0.796	2	-19.262	5	0	1	0	2	0	1	0	1
361	M37	1	max	2.713	4	0.098	4	0	23	0	7	0	23	0	23
362			min	-0.137	2	0	2	0	1	0	2	0	1	0	1
363		2	max	2.672	4	0.049	4	0	23	0	7	0	23	0	2
364			min	-0.137	2	0	2	0	1	0	2	0	1	-0.327	4
365		3	max	2.631	4	0	23	0	23	0	7	0	23	0	2
366			min	-0.137	2	0	1	0	1	0	2	0	1	-0.436	4
367		4	max	2.59	4	0	2	0	23	0	7	0	23	0	2
368			min	-0.137	2	-0.049	8	0	1	0	2	0	1	-0.327	4
369		5	max	2.549	4	0	2	0	23	0	7	0	23	0	23
370			min	-0.137	2	-0.098	8	0	1	0	2	0	1	0	1
371	M38	1	max	-8.08	2	0.017	15	0	23	0	2	0	23	0	23
372			min	-39.408	6	0	2	0	1	0	7	0	1	0	1
373		2	max	-8.08	2	0.009	15	0	23	0	2	0	23	0	2
374			min	-39.39	6	0	2	0	1	0	7	0	1	-0.041	8
375		3	max	-8.08	2	0	23	0	23	0	2	0	23	0	2
376			min	-39.372	6	0	1	0	1	0	7	0	1	-0.054	8
377		4	max	-8.08	2	0	2	0	23	0	2	0	23	0	2
378			min	-39.355	6	-0.009	4	0	1	0	7	0	1	-0.041	8
379		5	max	-8.08	2	0	2	0	23	0	2	0	23	0	23
380			min	-39.337	6	-0.017	4	0	1	0	7	0	1	0	1
381	M39	1	max	-10.465	2	0.017	4	0	23	0	7	0	23	0	23
382			min	-45.325	6	0	2	0	1	0	2	0	1	0	1
383		2	max	-10.465	2	0.009	4	0	23	0	7	0	23	0	2
384			min	-45.343	6	0	2	0	1	0	2	0	1	-0.041	4
385		3	max	-10.465	2	0	23	0	23	0	7	0	23	0	2
386			min	-45.36	6	0	1	0	1	0	2	0	1	-0.054	4
387		4	max	-10.465	2	0	2	0	23	0	7	0	23	0	2
388			min	-45.378	6	-0.009	8	0	1	0	2	0	1	-0.041	4
389		5	max	-10.465	2	0	2	0	23	0	7	0	23	0	23
390			min	-45.395	6	-0.017	8	0	1	0	2	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
391	M40	1	max	-7.504	2	0.065	4	0	23	0	2	0	23	0	23
392			min	-31.51	6	0	2	0	1	0	6	0	1	0	1
393		2	max	-7.504	2	0.033	4	0	23	0	2	0	23	0	2
394			min	-31.487	6	0	2	0	1	0	6	0	1	-0.218	4
395		3	max	-7.504	2	0	23	0	23	0	2	0	23	0	2
396			min	-31.463	6	0	1	0	1	0	6	0	1	-0.291	4
397		4	max	-7.504	2	0	2	0	23	0	2	0	23	0	2
398			min	-31.44	6	-0.033	8	0	1	0	6	0	1	-0.218	4
399		5	max	-7.504	2	0	2	0	23	0	2	0	23	0	23
400			min	-31.416	6	-0.065	8	0	1	0	6	0	1	0	1
401	M41	1	max	-6.002	2	0.163	15	0	23	0	2	0	23	0	23
402			min	-21.863	6	0	2	0	1	-0.002	7	0	1	0	1
403		2	max	-6.002	2	0.081	15	0	23	0	2	0	23	0	2
404			min	-21.914	6	0	2	0	1	-0.002	7	0	1	-0.517	8
405		3	max	-6.002	2	0	23	0	23	0	2	0	23	0	2
406			min	-21.965	6	0	1	0	1	-0.002	7	0	1	-0.689	8
407		4	max	-6.002	2	0	2	0	23	0	2	0	23	0	2
408			min	-22.016	6	-0.081	4	0	1	-0.002	7	0	1	-0.517	8
409		5	max	-6.002	2	0	2	0	23	0	2	0	23	0	23
410			min	-22.067	6	-0.163	4	0	1	-0.002	7	0	1	0	1
411	M42	1	max	-8.466	2	0.029	4	0	23	0.001	7	0	23	0	23
412			min	-44.234	5	0	2	0	1	0	2	0	1	0	1
413		2	max	-8.466	2	0.014	4	0	23	0.001	7	0	23	0	2
414			min	-44.208	5	0	2	0	1	0	2	0	1	-0.06	4
415		3	max	-8.466	2	0	23	0	23	0.001	7	0	23	0	2
416			min	-44.183	5	0	1	0	1	0	2	0	1	-0.08	4
417		4	max	-8.466	2	0	2	0	23	0.001	7	0	23	0	2
418			min	-44.157	5	-0.014	8	0	1	0	2	0	1	-0.06	4
419		5	max	-8.466	2	0	2	0	23	0.001	7	0	23	0	23
420			min	-44.132	5	-0.029	8	0	1	0	2	0	1	0	1
421	M43	1	max	-10.373	2	0.029	4	0	23	0	2	0	23	0	23
422			min	-44.371	5	0	2	0	1	0	7	0	1	0	1
423		2	max	-10.373	2	0.014	4	0	23	0	2	0	23	0	2
424			min	-44.396	5	0	2	0	1	0	7	0	1	-0.06	4
425		3	max	-10.373	2	0	23	0	23	0	2	0	23	0	2
426			min	-44.422	5	0	1	0	1	0	7	0	1	-0.08	4
427		4	max	-10.373	2	0	2	0	23	0	2	0	23	0	2
428			min	-44.448	5	-0.014	8	0	1	0	7	0	1	-0.06	4
429		5	max	-10.373	2	0	2	0	23	0	2	0	23	0	23
430			min	-44.473	5	-0.029	8	0	1	0	7	0	1	0	1
431	M44	1	max	-6.106	2	0.098	15	0	23	0	7	0	23	0	23
432			min	-24.813	5	0	2	0	1	0	2	0	1	0	1
433		2	max	-6.106	2	0.049	15	0	23	0	7	0	23	0	2
434			min	-24.782	5	0	2	0	1	0	2	0	1	-0.31	8
435		3	max	-6.106	2	0	23	0	23	0	7	0	23	0	2
436			min	-24.752	5	0	1	0	1	0	2	0	1	-0.413	8
437		4	max	-6.106	2	0	2	0	23	0	7	0	23	0	2
438			min	-24.721	5	-0.049	4	0	1	0	2	0	1	-0.31	8
439		5	max	-6.106	2	0	2	0	23	0	7	0	23	0	23
440			min	-24.691	5	-0.098	4	0	1	0	2	0	1	0	1
441	M45	1	max	78.261	6	-0.256	2	-0.011	2	0.013	5	0	23	0	23
442			min	15.245	2	-1.128	6	-0.055	6	0.003	2	0	1	0	1
443		2	max	77.973	6	-0.256	2	-0.011	2	0.013	5	-0.027	2	2.82	6
444			min	15.245	2	-1.128	6	-0.055	6	0.003	2	-0.138	6	0.641	2
445		3	max	77.685	6	-0.256	2	-0.011	2	0.013	5	-0.055	2	5.639	6
446			min	15.245	2	-1.128	6	-0.055	6	0.003	2	-0.276	6	1.282	2
447		4	max	77.397	6	-0.256	2	-0.011	2	0.013	5	-0.082	2	8.459	6
448			min	15.245	2	-1.128	6	-0.055	6	0.003	2	-0.414	6	1.923	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
449		5	max	77.109	6	-0.256	2	-0.011	2	0.013	5	-0.109	2	11.279	6
450			min	15.245	2	-1.128	6	-0.055	6	0.003	2	-0.552	6	2.564	2
451	M46	1	max	70.321	6	1.193	6	0.077	6	-0.004	2	-0.109	2	11.273	6
452			min	13.852	2	0.266	2	0.015	2	-0.018	5	-0.553	6	2.563	2
453		2	max	69.99	6	1.193	6	0.077	6	-0.004	2	-0.066	2	7.857	5
454			min	13.852	2	0.266	2	0.015	2	-0.018	5	-0.331	6	1.798	2
455		3	max	69.659	6	1.193	6	0.077	6	-0.004	2	-0.023	2	4.454	5
456			min	13.852	2	0.266	2	0.015	2	-0.018	5	-0.109	6	1.033	2
457		4	max	69.328	6	1.193	6	0.077	6	-0.004	2	0.114	6	1.05	5
458			min	13.852	2	0.266	2	0.015	2	-0.018	5	0.02	2	0.268	2
459		5	max	68.997	6	1.193	6	0.077	6	-0.004	2	0.336	6	-0.497	2
460			min	13.852	2	0.266	2	0.015	2	-0.018	5	0.063	2	-2.451	6
461	M47	1	max	46.746	6	-0.015	2	-0.009	2	0	7	0.332	6	-0.496	2
462			min	8.845	2	-0.136	7	-0.044	6	-0.002	5	0.063	2	-2.446	6
463		2	max	46.458	6	-0.015	2	-0.009	2	0	7	0.222	6	-0.459	2
464			min	8.845	2	-0.136	7	-0.044	6	-0.002	5	0.041	2	-2.177	6
465		3	max	46.17	6	-0.015	2	-0.009	2	0	7	0.113	6	-0.422	2
466			min	8.845	2	-0.136	7	-0.044	6	-0.002	5	0.019	2	-1.917	5
467		4	max	45.883	6	-0.015	2	-0.009	2	0	7	0.01	7	-0.384	2
468			min	8.845	2	-0.136	7	-0.044	6	-0.002	5	-0.003	2	-1.701	5
469		5	max	45.595	6	-0.015	2	-0.009	2	0	7	-0.025	2	-0.347	2
470			min	8.845	2	-0.136	7	-0.044	6	-0.002	5	-0.106	6	-1.485	5
471	M48	1	max	32.947	6	-0.033	2	0.01	6	0	23	-0.026	2	-0.356	2
472			min	6.109	2	-0.139	5	0.002	2	0	1	-0.107	6	-1.522	5
473		2	max	32.645	6	-0.033	2	0.01	6	0	23	-0.019	2	-0.271	2
474			min	6.109	2	-0.139	5	0.002	2	0	1	-0.082	6	-1.157	5
475		3	max	32.342	6	-0.033	2	0.01	6	0	23	-0.013	2	-0.185	2
476			min	6.109	2	-0.139	5	0.002	2	0	1	-0.056	6	-0.791	5
477		4	max	32.04	6	-0.033	2	0.01	6	0	23	-0.007	2	-0.1	2
478			min	6.109	2	-0.139	5	0.002	2	0	1	-0.031	6	-0.425	5
479		5	max	31.738	6	-0.033	2	0.01	6	0	23	-0.001	2	-0.014	2
480			min	6.109	2	-0.139	5	0.002	2	0	1	-0.006	7	-0.059	6
481	M49	1	max	9.45	7	0	5	0	2	0	23	0	23	0	23
482			min	0	2	0	2	0	7	0	1	0	1	0	1
483		2	max	9.421	7	0	5	0	2	0	23	0	2	0	2
484			min	0	2	0	2	0	7	0	1	-0.001	7	0	5
485		3	max	9.391	7	0	5	0	2	0	23	0	2	0	2
486			min	0	2	0	2	0	7	0	1	-0.001	7	0	5
487		4	max	9.361	7	0	5	0	2	0	23	0	2	0	2
488			min	0	2	0	2	0	7	0	1	-0.002	7	0	5
489		5	max	9.331	7	0	5	0	2	0	23	0	2	0	2
490			min	0	2	0	2	0	7	0	1	-0.003	7	0	5
491	M50	1	max	-0.001	7	20.111	6	0	23	0	2	0	23	0	23
492			min	-0.06	5	4.777	2	0	1	-0.002	7	0	1	0	1
493		2	max	-0.001	7	19.967	6	0	23	0	2	0	23	-16.321	2
494			min	-0.06	5	4.777	2	0	1	-0.002	7	0	1	-68.468	5
495		3	max	-0.001	7	3.888	6	0	23	0	2	0	23	-21.761	2
496			min	-0.06	5	0.937	2	0	1	-0.002	7	0	1	-91.291	5
497		4	max	-0.001	7	-2.903	2	0	23	0	2	0	23	-16.321	2
498			min	-0.06	5	-12.192	5	0	1	-0.002	7	0	1	-68.468	5
499		5	max	-0.001	7	-6.743	2	0	23	0	2	0	23	0	23
500			min	-0.06	5	-28.272	5	0	1	-0.002	7	0	1	0	1
501	M51	1	max	-0.018	2	35.134	6	0	23	0.008	7	0	23	0	23
502			min	-0.09	5	8.347	2	0	1	0.001	2	0	1	0	1
503		2	max	-0.018	2	18.95	6	0	23	0.008	7	0	23	-29.52	2
504			min	-0.09	5	4.507	2	0	1	0.001	2	0	1	-124.204	5
505		3	max	-0.018	2	2.766	6	0	23	0.008	7	0	23	-39.36	2
506			min	-0.09	5	0.667	2	0	1	0.001	2	0	1	-165.605	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
507		4	max	-0.018	2	-3.173	2	0	23	0.008	7	0	23	-29.52	2
508			min	-0.09	5	-13.417	5	0	1	0.001	2	0	1	-124.204	5
509		5	max	-0.018	2	-7.013	2	0	23	0.008	7	0	23	0	23
510			min	-0.09	5	-29.601	5	0	1	0.001	2	0	1	0	1
511	M52	1	max	-0.033	2	23.47	6	0	2	-0.001	2	0	23	0	23
512			min	-0.141	5	5.41	2	0	7	-0.006	7	0	1	0	1
513		2	max	-0.033	2	23.266	6	0	2	-0.001	2	0	2	-18.483	2
514			min	-0.141	5	5.41	2	0	7	-0.006	7	0	7	-79.838	6
515		3	max	-0.033	2	7.127	6	0	2	-0.001	2	0	2	-26.086	2
516			min	-0.141	5	1.57	2	0	7	-0.006	7	0	7	-113.833	6
517		4	max	-0.033	2	-2.27	2	0	2	-0.001	2	0	2	-22.812	2
518			min	-0.141	5	-9.157	5	0	7	-0.006	7	0	7	-101.986	6
519		5	max	-0.033	2	-6.11	2	0	2	-0.001	2	0	2	-8.658	2
520			min	-0.141	5	-25.297	5	0	7	-0.006	7	0	7	-44.296	6
521	M53	1	max	-0.033	2	-6.11	2	0	7	-0.001	2	0	2	-8.658	2
522			min	-0.141	5	-31.218	6	0	2	-0.006	7	0	7	-44.296	6
523		2	max	-0.033	2	-6.11	2	0	7	-0.001	2	0	2	-6.494	2
524			min	-0.141	5	-31.239	6	0	2	-0.006	7	0	7	-33.233	6
525		3	max	-0.033	2	-6.11	2	0	7	-0.001	2	0	2	-4.329	2
526			min	-0.141	5	-31.26	6	0	2	-0.006	7	0	7	-22.163	6
527		4	max	-0.033	2	-6.11	2	0	7	-0.001	2	0	2	-2.165	2
528			min	-0.141	5	-31.281	6	0	2	-0.006	7	0	7	-11.085	6
529		5	max	-0.033	2	-6.11	2	0	7	-0.001	2	0	23	0	23
530			min	-0.141	5	-31.302	6	0	2	-0.006	7	0	1	0	1
531	M54	1	max	0.008	2	0.096	15	0	23	0.001	7	0	23	0	23
532			min	-0.037	4	0	2	0	1	0	2	0	1	0	1
533		2	max	0.008	2	0.048	15	0	23	0.001	7	0	23	0	2
534			min	-0.037	4	0	2	0	1	0	2	0	1	-0.247	8
535		3	max	0.008	2	0	23	0	23	0.001	7	0	23	0	2
536			min	-0.037	4	0	1	0	1	0	2	0	1	-0.329	8
537		4	max	0.008	2	0	2	0	23	0.001	7	0	23	0	2
538			min	-0.037	4	-0.048	4	0	1	0	2	0	1	-0.247	8
539		5	max	0.008	2	0	2	0	23	0.001	7	0	23	0	23
540			min	-0.037	4	-0.096	4	0	1	0	2	0	1	0	1
541	M55	1	max	-0.385	2	0.73	15	0	23	0	2	0	23	0	23
542			min	-2.426	6	0	2	0	1	-0.014	7	0	1	0	1
543		2	max	-0.385	2	0.365	15	0	23	0	2	0	23	0	2
544			min	-2.426	6	0	2	0	1	-0.014	7	0	1	-2.499	4
545		3	max	-0.385	2	0	23	0	23	0	2	0	23	0	2
546			min	-2.426	6	0	1	0	1	-0.014	7	0	1	-3.332	4
547		4	max	-0.385	2	0	2	0	23	0	2	0	23	0	2
548			min	-2.426	6	-0.365	4	0	1	-0.014	7	0	1	-2.499	4
549		5	max	-0.385	2	0	2	0	23	0	2	0	23	0	23
550			min	-2.426	6	-0.73	4	0	1	-0.014	7	0	1	0	1
551	M56	1	max	0	5	0.183	15	0	23	0	2	0	23	0	23
552			min	0	2	0	2	0	1	-0.003	7	0	1	0	1
553		2	max	0	5	0.091	15	0	23	0	2	0	23	0	2
554			min	0	2	0	2	0	1	-0.003	7	0	1	-0.469	4
555		3	max	0	5	0	23	0	23	0	2	0	23	0	2
556			min	0	2	0	1	0	1	-0.003	7	0	1	-0.625	4
557		4	max	0	5	0	2	0	23	0	2	0	23	0	2
558			min	0	2	-0.091	4	0	1	-0.003	7	0	1	-0.469	4
559		5	max	0	5	0	2	0	23	0	2	0	23	0	23
560			min	0	2	-0.183	4	0	1	-0.003	7	0	1	0	1
561	M57	1	max	-0.52	2	-0.004	2	9.984	6	0.001	6	-3.354	2	-0.005	2
562			min	-2.274	6	-0.019	6	2.367	2	0	2	-14.239	6	-0.027	6
563		2	max	-0.52	2	-0.004	2	10.017	6	0.001	6	-2.515	2	-0.004	2
564			min	-2.274	6	-0.019	6	2.367	2	0	2	-10.696	6	-0.02	6

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
565		3	max	-0.52	2	-0.004	2	10.049	6	0.001	6	-1.677	2	-0.003	2
566			min	-2.274	6	-0.019	6	2.367	2	0	2	-7.142	6	-0.014	6
567		4	max	-0.52	2	-0.004	2	10.081	6	0.001	6	-0.838	2	-0.001	2
568			min	-2.274	6	-0.019	6	2.367	2	0	2	-3.577	6	-0.007	6
569		5	max	-0.52	2	-0.004	2	10.113	6	0.001	6	0	23	0	23
570			min	-2.274	6	-0.019	6	2.367	2	0	2	0	1	0	1
571	M58	1	max	1.296	6	0.015	6	21.39	6	0.004	6	-7.185	2	0.021	6
572			min	0.281	2	0.003	2	5.071	2	0.001	2	-30.401	6	0.004	2
573		2	max	1.296	6	0.015	6	21.422	6	0.004	6	-5.389	2	0.016	6
574			min	0.281	2	0.003	2	5.071	2	0.001	2	-22.818	6	0.003	2
575		3	max	1.296	6	0.015	6	21.454	6	0.004	6	-3.593	2	0.011	6
576			min	0.281	2	0.003	2	5.071	2	0.001	2	-15.223	6	0.002	2
577		4	max	1.296	6	0.015	6	21.487	6	0.004	6	-1.796	2	0.005	6
578			min	0.281	2	0.003	2	5.071	2	0.001	2	-7.617	6	0.001	2
579		5	max	1.296	6	0.015	6	21.519	6	0.004	6	0	23	0	23
580			min	0.281	2	0.003	2	5.071	2	0.001	2	0	1	0	1
581	M59	1	max	0.047	5	0.004	5	11.639	6	0.001	5	-3.933	2	0.006	5
582			min	-0.07	7	0.001	2	2.776	2	0	2	-16.584	6	0.002	2
583		2	max	0.047	5	0.004	5	11.671	6	0.001	5	-2.95	2	0.004	5
584			min	-0.07	7	0.001	2	2.776	2	0	2	-12.455	6	0.001	2
585		3	max	0.047	5	0.004	5	11.703	6	0.001	5	-1.966	2	0.003	5
586			min	-0.07	7	0.001	2	2.776	2	0	2	-8.315	6	0.001	2
587		4	max	0.047	5	0.004	5	11.736	6	0.001	5	-0.983	2	0.001	5
588			min	-0.07	7	0.001	2	2.776	2	0	2	-4.163	6	0	2
589		5	max	0.047	5	0.004	5	11.768	6	0.001	5	0	23	0	23
590			min	-0.07	7	0.001	2	2.776	2	0	2	0	1	0	1
591	M60	1	max	92.661	6	0	23	0.001	7	0	7	0	2	0	23
592			min	19.73	2	0	1	0	2	0	2	-0.001	7	0	1
593		2	max	92.535	6	0	23	0.001	7	0	7	0	7	0	23
594			min	19.73	2	0	1	0	2	0	2	0	2	0	1
595		3	max	92.41	6	0	23	0.001	7	0	7	0.002	7	0	23
596			min	19.73	2	0	1	0	2	0	2	0	2	0	1
597		4	max	92.284	6	0	23	0.001	7	0	7	0.004	7	0	23
598			min	19.73	2	0	1	0	2	0	2	0	2	0	1
599		5	max	92.159	6	0	23	0.001	7	0	7	0.005	7	0	23
600			min	19.73	2	0	1	0	2	0	2	0	2	0	1
601	M61	1	max	127.881	6	0	23	0	2	0	7	0	23	0	23
602			min	27.865	2	0	1	0	7	0	2	0	1	0	1
603		2	max	127.772	6	0	23	0	2	0	7	0	2	0	23
604			min	27.865	2	0	1	0	7	0	2	0	7	0	1
605		3	max	127.663	6	0	23	0	2	0	7	0	2	0	23
606			min	27.865	2	0	1	0	7	0	2	-0.001	7	0	1
607		4	max	127.554	6	0	23	0	2	0	7	0	2	0	23
608			min	27.865	2	0	1	0	7	0	2	-0.001	7	0	1
609		5	max	127.445	6	0	23	0	2	0	7	0	2	0	23
610			min	27.865	2	0	1	0	7	0	2	-0.001	7	0	1
611	M62	1	max	25.782	6	0	23	0.004	7	0	23	0	2	0	23
612			min	4.418	2	0	1	0	2	0	1	-0.01	7	0	1
613		2	max	25.743	6	0	23	0.004	7	0	23	0	1	0	23
614			min	4.418	2	0	1	0	2	0	1	0	2	0	1
615		3	max	25.704	6	0	23	0.004	7	0	23	0.01	7	0	23
616			min	4.418	2	0	1	0	2	0	1	0	2	0	1
617		4	max	25.666	6	0	23	0.004	7	0	23	0.02	7	0	23
618			min	4.418	2	0	1	0	2	0	1	0	2	0	1
619		5	max	25.627	6	0	23	0.004	7	0	23	0.03	7	0	23
620			min	4.418	2	0	1	0	2	0	1	0	2	0	1
621	M63	1	max	2.982	6	7.203	5	0	2	0	2	0	23	0	23
622			min	0.6	2	1.756	2	0	7	-0.001	7	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
623		2	max	2.982	6	7.173	5	0	2	0	2	0	2	-2.131	2
624			min	0.6	2	1.756	2	0	7	-0.001	7	0	7	-8.723	5
625		3	max	2.982	6	-1.124	2	0	2	0	2	0	2	-2.611	2
626			min	0.6	2	-4.382	6	0	7	-0.001	7	0	7	-10.809	5
627		4	max	2.982	6	-1.124	2	0	2	0	2	0	2	-1.247	2
628			min	0.6	2	-4.411	6	0	7	-0.001	7	0	7	-5.481	5
629		5	max	2.982	6	-1.124	2	0	2	0	2	0	2	0.117	2
630			min	0.6	2	-4.44	6	0	7	-0.001	7	0	7	-0.353	4
631	M64	1	max	3.994	6	2.354	6	0	6	0.024	6	0	2	13.597	6
632			min	0.858	2	0.549	2	0	2	0.004	2	-0.001	6	3.169	2
633		2	max	3.96	6	2.354	6	0	6	0.024	6	0	7	6.83	6
634			min	0.858	2	0.549	2	0	2	0.004	2	0	5	1.591	2
635		3	max	3.925	6	2.354	6	0	6	0.024	6	0.001	7	0.063	6
636			min	0.858	2	0.549	2	0	2	0.004	2	0	2	0.012	2
637		4	max	3.89	6	2.354	6	0	6	0.024	6	0.001	7	-1.566	2
638			min	0.858	2	0.549	2	0	2	0.004	2	0	2	-6.705	6
639		5	max	3.855	6	2.354	6	0	6	0.024	6	0.002	7	-3.145	2
640			min	0.858	2	0.549	2	0	2	0.004	2	0	2	-13.472	6
641	M65	1	max	137.385	6	-0.001	23	0	2	0	5	0.139	7	-0.104	2
642			min	28.467	2	-0.006	6	-0.058	7	0	2	0	2	-0.428	6
643		2	max	137.292	6	-0.001	23	0	2	0	5	0	2	-0.097	2
644			min	28.467	2	-0.006	6	-0.058	7	0	2	-0.007	7	-0.412	6
645		3	max	137.199	6	-0.001	23	0	2	0	5	0	2	-0.09	2
646			min	28.467	2	-0.006	6	-0.058	7	0	2	-0.153	7	-0.396	6
647		4	max	137.106	6	-0.001	23	0	2	0	5	0.001	2	-0.082	2
648			min	28.467	2	-0.006	6	-0.058	7	0	2	-0.299	7	-0.38	6
649		5	max	137.013	6	-0.001	23	0	2	0	5	0.001	2	-0.075	2
650			min	28.467	2	-0.006	6	-0.058	7	0	2	-0.445	7	-0.364	6
651	M66	1	max	61.336	6	1.091	6	-0.015	2	0.018	5	0.519	6	11.786	6
652			min	11.583	2	0.242	2	-0.078	6	0.004	2	0.096	2	2.711	2
653		2	max	61.005	6	1.091	6	-0.015	2	0.018	5	0.294	6	8.669	5
654			min	11.583	2	0.242	2	-0.078	6	0.004	2	0.054	2	2.015	2
655		3	max	60.674	6	1.091	6	-0.015	2	0.018	5	0.07	6	5.584	5
656			min	11.583	2	0.242	2	-0.078	6	0.004	2	0.012	2	1.318	2
657		4	max	60.343	6	1.091	6	-0.015	2	0.018	5	-0.031	2	2.499	5
658			min	11.583	2	0.242	2	-0.078	6	0.004	2	-0.155	6	0.621	2
659		5	max	60.012	6	1.091	6	-0.015	2	0.018	5	-0.073	2	-0.075	2
660			min	11.583	2	0.242	2	-0.078	6	0.004	2	-0.38	6	-1.048	7
661	M68	1	max	52.127	6	0	23	0	2	0	23	0.004	7	0	23
662			min	10.618	2	0	1	-0.002	7	0	1	0	2	0	1
663		2	max	52.068	6	0	23	0	2	0	23	0	2	0	23
664			min	10.618	2	0	1	-0.002	7	0	1	-0.001	7	0	1
665		3	max	52.01	6	0	23	0	2	0	23	0	2	0	23
666			min	10.618	2	0	1	-0.002	7	0	1	-0.006	7	0	1
667		4	max	51.951	6	0	23	0	2	0	23	0	2	0	23
668			min	10.618	2	0	1	-0.002	7	0	1	-0.01	7	0	1
669		5	max	51.893	6	0	23	0	2	0	23	0	2	0	23
670			min	10.618	2	0	1	-0.002	7	0	1	-0.015	7	0	1
671	M69	1	max	28.096	6	-0.006	2	0	2	0	7	0	7	-0.028	2
672			min	6.73	2	-0.032	6	0	7	0	2	0	2	-0.163	6
673		2	max	28.075	6	-0.006	2	0	2	0	7	0	2	-0.014	2
674			min	6.73	2	-0.032	6	0	7	0	2	0	7	-0.083	6
675		3	max	28.053	6	-0.006	2	0	2	0	7	0	2	0.001	2
676			min	6.73	2	-0.032	6	0	7	0	2	-0.001	7	-0.007	7
677		4	max	28.032	6	-0.006	2	0	2	0	7	0	2	0.077	6
678			min	6.73	2	-0.032	6	0	7	0	2	-0.001	7	0.015	2
679		5	max	28.011	6	-0.006	2	0	2	0	7	0	2	0.157	6
680			min	6.73	2	-0.032	6	0	7	0	2	-0.001	7	0.029	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
681	M70	1	max	255.472	6	0.304	6	0.244	7	0	2	-0.009	2	2.679	5
682			min	56.666	2	0.071	2	0.003	2	0	7	-0.665	7	0.624	2
683		2	max	255.306	6	0.304	6	0.244	7	0	2	0.035	7	1.806	5
684			min	56.666	2	0.071	2	0.003	2	0	7	0	2	0.42	2
685		3	max	255.141	6	0.304	6	0.244	7	0	2	0.735	7	0.934	5
686			min	56.666	2	0.071	2	0.003	2	0	7	0.01	2	0.215	2
687		4	max	254.975	6	0.304	6	0.244	7	0	2	1.436	7	0.061	5
688			min	56.666	2	0.071	2	0.003	2	0	7	0.019	2	0.01	2
689		5	max	254.81	6	0.304	6	0.244	7	0	2	2.136	7	-0.194	2
690			min	56.666	2	0.071	2	0.003	2	0	7	0.029	2	-0.824	6
691	M71	1	max	15.199	5	7.242	6	0	7	0	7	0	23	0	23
692			min	3.219	2	1.758	2	0	2	0	2	0	1	0	1
693		2	max	15.199	5	7.213	6	0	7	0	7	0	7	-2.134	2
694			min	3.219	2	1.758	2	0	2	0	2	0	2	-8.771	6
695		3	max	15.199	5	-1.122	2	0	7	0	7	0	7	-2.617	2
696			min	3.219	2	-4.338	5	0	2	0	2	0	2	-10.904	6
697		4	max	15.199	5	-1.122	2	0	7	0	7	0	7	-1.256	2
698			min	3.219	2	-4.367	5	0	2	0	2	0	2	-5.624	6
699		5	max	15.199	5	-1.122	2	0	7	0	7	0	7	0.105	2
700			min	3.219	2	-4.397	5	0	2	0	2	0	2	-0.542	4
701	M72	1	max	235.943	6	-0.036	2	0	2	0	6	0	23	0	23
702			min	51.71	2	-0.155	6	-0.004	7	0	2	0	1	0	1
703		2	max	235.742	6	-0.036	2	0	2	0	6	0	2	0.388	6
704			min	51.71	2	-0.155	6	-0.004	7	0	2	-0.011	7	0.089	2
705		3	max	235.541	6	-0.036	2	0	2	0	6	0	2	0.775	6
706			min	51.71	2	-0.155	6	-0.004	7	0	2	-0.021	7	0.178	2
707		4	max	235.34	6	-0.036	2	0	2	0	6	0	2	1.163	6
708			min	51.71	2	-0.155	6	-0.004	7	0	2	-0.032	7	0.267	2
709		5	max	235.139	6	-0.036	2	0	2	0	6	0	2	1.55	6
710			min	51.71	2	-0.155	6	-0.004	7	0	2	-0.043	7	0.356	2
711	M73	1	max	-0.12	2	19.98	6	0	23	-0.001	2	0	23	0	23
712			min	-0.508	5	4.695	2	0	1	-0.017	7	0	1	0	1
713		2	max	-0.12	2	10.768	6	0	23	-0.001	2	0	23	-16.605	2
714			min	-0.508	5	2.535	2	0	1	-0.017	7	0	1	-70.607	5
715		3	max	-0.12	2	1.556	6	0	23	-0.001	2	0	23	-22.14	2
716			min	-0.508	5	0.375	2	0	1	-0.017	7	0	1	-94.142	5
717		4	max	-0.12	2	-1.785	2	0	23	-0.001	2	0	23	-16.605	2
718			min	-0.508	5	-7.656	5	0	1	-0.017	7	0	1	-70.607	5
719		5	max	-0.12	2	-3.945	2	0	23	-0.001	2	0	23	0	23
720			min	-0.508	5	-16.868	5	0	1	-0.017	7	0	1	0	1
721	M74	1	max	200.496	6	0.172	6	0.016	7	0	6	0	2	1.55	6
722			min	43.135	2	0.04	2	0	2	0	2	-0.043	7	0.356	2
723		2	max	200.331	6	0.172	6	0.016	7	0	6	0.002	7	1.056	5
724			min	43.135	2	0.04	2	0	2	0	2	0	2	0.241	2
725		3	max	200.165	6	0.172	6	0.016	7	0	6	0.048	7	0.562	5
726			min	43.135	2	0.04	2	0	2	0	2	0	2	0.126	2
727		4	max	200	6	0.172	6	0.016	7	0	6	0.093	7	0.069	5
728			min	43.135	2	0.04	2	0	2	0	2	0	2	0.011	2
729		5	max	199.834	6	0.172	6	0.016	7	0	6	0.138	7	-0.104	2
730			min	43.135	2	0.04	2	0	2	0	2	0	2	-0.428	6
731	M75	1	max	72.139	6	-0.007	2	0.895	7	0	5	0.001	2	-0.075	2
732			min	13.245	2	-0.035	6	-0.001	2	0	2	-0.452	7	-0.364	6
733		2	max	72.041	6	-0.007	2	0.895	7	0	5	1.897	7	-0.056	2
734			min	13.245	2	-0.035	6	-0.001	2	0	2	-0.002	2	-0.273	6
735		3	max	71.943	6	-0.007	2	0.895	7	0	5	4.247	7	-0.038	2
736			min	13.245	2	-0.035	6	-0.001	2	0	2	-0.006	2	-0.182	6
737		4	max	71.845	6	-0.007	2	0.895	7	0	5	6.597	7	-0.019	2
738			min	13.245	2	-0.035	6	-0.001	2	0	2	-0.009	2	-0.091	6

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
739		5	max	71.747	6	-0.007	2	0.895	7	0	5	8.946	7	0	5
740			min	13.245	2	-0.035	6	-0.001	2	0	2	-0.013	2	0	2
741	M77	1	max	3.017	6	0.24	6	0	7	0	7	0	2	0.147	2
742			min	0.606	2	0.061	2	0	2	0	2	0	7	-0.226	4
743		2	max	3.017	6	0.189	6	0	7	0	7	0	2	0.016	2
744			min	0.606	2	0.05	16	0	2	0	2	0	7	-0.502	4
745		3	max	3.017	6	0.138	6	0	7	0	7	0	7	-0.115	2
746			min	0.606	2	0.02	16	0	2	0	2	0	2	-0.744	5
747		4	max	3.017	6	0.087	6	0	7	0	7	0	7	-0.247	2
748			min	0.606	2	-0.02	4	0	2	0	2	0	2	-0.973	6
749		5	max	3.017	6	0.061	2	0	7	0	7	0	7	-0.284	23
750			min	0.606	2	-0.079	4	0	2	0	2	0	2	-1.104	6
751	M78	1	max	291.187	6	-0.062	2	-0.001	2	0	2	0	23	0	23
752			min	65.337	2	-0.268	5	-0.066	7	0	7	0	1	0	1
753		2	max	290.986	6	-0.062	2	-0.001	2	0	2	-0.002	2	0.67	5
754			min	65.337	2	-0.268	5	-0.066	7	0	7	-0.166	7	0.156	2
755		3	max	290.785	6	-0.062	2	-0.001	2	0	2	-0.004	2	1.34	5
756			min	65.337	2	-0.268	5	-0.066	7	0	7	-0.332	7	0.312	2
757		4	max	290.583	6	-0.062	2	-0.001	2	0	2	-0.007	2	2.009	5
758			min	65.337	2	-0.268	5	-0.066	7	0	7	-0.498	7	0.468	2
759		5	max	290.382	6	-0.062	2	-0.001	2	0	2	-0.009	2	2.679	5
760			min	65.337	2	-0.268	5	-0.066	7	0	7	-0.664	7	0.624	2
761	M79	1	max	161.151	6	-0.017	2	-0.012	2	0	5	2.14	7	-0.194	2
762			min	34.641	2	-0.07	6	-0.9	7	0	2	0.029	2	-0.824	6
763		2	max	161.057	6	-0.017	2	-0.012	2	0	5	-0.001	2	-0.152	2
764			min	34.641	2	-0.07	6	-0.9	7	0	2	-0.109	7	-0.649	6
765		3	max	160.964	6	-0.017	2	-0.012	2	0	5	-0.032	2	-0.111	2
766			min	34.641	2	-0.07	6	-0.9	7	0	2	-2.358	7	-0.473	6
767		4	max	160.871	6	-0.017	2	-0.012	2	0	5	-0.062	2	-0.069	2
768			min	34.641	2	-0.07	6	-0.9	7	0	2	-4.607	7	-0.301	5
769		5	max	160.778	6	-0.017	2	-0.012	2	0	5	-0.093	2	-0.027	2
770			min	34.641	2	-0.07	6	-0.9	7	0	2	-6.856	7	-0.13	5
771	M80	1	max	65.98	6	5.53	7	0.012	5	0	7	-0.027	2	6.877	7
772			min	11.069	2	0.074	2	0.003	2	0	2	-0.13	5	0.093	2
773		2	max	65.882	6	5.53	7	0.012	5	0	7	-0.02	2	-0.101	2
774			min	11.069	2	0.074	2	0.003	2	0	2	-0.098	5	-7.639	7
775		3	max	65.785	6	5.53	7	0.012	5	0	7	-0.013	2	-0.294	2
776			min	11.069	2	0.074	2	0.003	2	0	2	-0.065	5	-22.155	7
777		4	max	65.687	6	5.53	7	0.012	5	0	7	-0.007	2	-0.487	2
778			min	11.069	2	0.074	2	0.003	2	0	2	-0.032	5	-36.672	7
779		5	max	65.589	6	5.53	7	0.012	5	0	7	0	5	-0.681	2
780			min	11.069	2	0.074	2	0.003	2	0	2	0	2	-51.188	7
781	M81	1	max	69.716	6	-0.272	2	0.052	6	-0.003	2	0	23	0	23
782			min	13.035	2	-1.18	6	0.01	2	-0.014	5	0	1	0	1
783		2	max	69.428	6	-0.272	2	0.052	6	-0.003	2	0.13	6	2.95	6
784			min	13.035	2	-1.18	6	0.01	2	-0.014	5	0.024	2	0.679	2
785		3	max	69.14	6	-0.272	2	0.052	6	-0.003	2	0.259	6	5.901	6
786			min	13.035	2	-1.18	6	0.01	2	-0.014	5	0.048	2	1.358	2
787		4	max	68.852	6	-0.272	2	0.052	6	-0.003	2	0.389	6	8.851	6
788			min	13.035	2	-1.18	6	0.01	2	-0.014	5	0.072	2	2.037	2
789		5	max	68.565	6	-0.272	2	0.052	6	-0.003	2	0.519	6	11.802	6
790			min	13.035	2	-1.18	6	0.01	2	-0.014	5	0.096	2	2.716	2
791	M83	1	max	14.777	5	3.164	6	0	2	-0.001	2	0.001	7	15.664	6
792			min	3.569	2	0.743	2	-0.001	7	-0.004	5	0	5	3.673	2
793		2	max	14.747	5	3.164	6	0	2	-0.001	2	0	2	7.755	6
794			min	3.569	2	0.743	2	-0.001	7	-0.004	5	-0.001	6	1.816	2
795		3	max	14.716	5	3.164	6	0	2	-0.001	2	0	2	-0.04	2
796			min	3.569	2	0.743	2	-0.001	7	-0.004	5	-0.003	7	-0.157	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
797		4	max	14.686	5	3.164	6	0	2	-0.001	2	0	2	-1.897	2
798			min	3.569	2	0.743	2	-0.001	7	-0.004	5	-0.004	7	-8.065	6
799		5	max	14.656	5	3.164	6	0	2	-0.001	2	0	2	-3.754	2
800			min	3.569	2	0.743	2	-0.001	7	-0.004	5	-0.006	7	-15.974	6
801	M84	1	max	8.627	6	-0.007	2	0	7	0	2	0	7	-0.047	2
802			min	1.41	2	-0.039	6	0	2	0	7	0	2	-0.256	6
803		2	max	8.602	6	-0.007	2	0	7	0	2	0	7	-0.027	2
804			min	1.41	2	-0.039	6	0	2	0	7	0	2	-0.142	6
805		3	max	8.578	6	-0.007	2	0	7	0	2	0	7	-0.007	2
806			min	1.41	2	-0.039	6	0	2	0	7	0	2	-0.029	6
807		4	max	8.554	6	-0.007	2	0	7	0	2	0	7	0.084	6
808			min	1.41	2	-0.039	6	0	2	0	7	0	2	0.014	2
809		5	max	8.529	6	-0.007	2	0	7	0	2	0	7	0.197	6
810			min	1.41	2	-0.039	6	0	2	0	7	0	2	0.034	2
811	M86	1	max	12.527	6	0.041	6	0	7	0	7	0	7	0.278	6
812			min	2.85	2	0.007	2	0	2	0	2	0	2	0.049	2
813		2	max	12.502	6	0.041	6	0	7	0	7	0.001	7	0.159	6
814			min	2.85	2	0.007	2	0	2	0	2	0	2	0.03	2
815		3	max	12.478	6	0.041	6	0	7	0	7	0.002	7	0.04	6
816			min	2.85	2	0.007	2	0	2	0	2	0	2	0.011	2
817		4	max	12.454	6	0.041	6	0	7	0	7	0.003	7	-0.008	2
818			min	2.85	2	0.007	2	0	2	0	2	0	2	-0.079	6
819		5	max	12.43	6	0.041	6	0	7	0	7	0.003	7	-0.027	2
820			min	2.85	2	0.007	2	0	2	0	2	0	2	-0.197	6
821	M87	1	max	24.489	6	-0.12	2	0.009	7	0	23	0.001	2	-1.255	2
822			min	4.03	2	-0.506	5	0	2	0	1	-0.013	7	-5.307	5
823		2	max	24.187	6	-0.12	2	0.009	7	0	23	0.012	7	-0.942	2
824			min	4.03	2	-0.506	5	0	2	0	1	0.001	2	-3.979	5
825		3	max	23.884	6	-0.12	2	0.009	7	0	23	0.037	7	-0.628	2
826			min	4.03	2	-0.506	5	0	2	0	1	0.001	2	-2.652	5
827		4	max	23.582	6	-0.12	2	0.009	7	0	23	0.062	7	-0.314	2
828			min	4.03	2	-0.506	5	0	2	0	1	0.001	2	-1.324	5
829		5	max	23.28	6	-0.12	2	0.009	7	0	23	0.087	7	0.004	4
830			min	4.03	2	-0.506	5	0	2	0	1	0.001	2	0	2
831	M88	1	max	3.003	6	4.217	5	0	2	0.012	7	0	7	-0.327	23
832			min	0.606	2	1.021	2	0	7	0	2	0	2	-1.183	6
833		2	max	3.003	6	4.188	5	0	2	0.012	7	0	7	-1.622	2
834			min	0.606	2	1.021	2	0	7	0	2	0	2	-6.28	6
835		3	max	3.003	6	4.159	5	0	2	0.012	7	0	7	-2.861	2
836			min	0.606	2	1.021	2	0	7	0	2	0	2	-11.342	6
837		4	max	3.003	6	-1.859	2	0	2	0.012	7	0	7	-2.255	2
838			min	0.606	2	-7.392	6	0	7	0	2	0	2	-8.989	6
839		5	max	3.003	6	-1.859	2	0	2	0.012	7	0	23	0	23
840			min	0.606	2	-7.421	6	0	7	0	2	0	1	0	1
841	M89	1	max	27.603	5	0.018	15	0	2	0	2	0.002	7	0.099	15
842			min	6.504	2	0	2	-0.001	7	0	7	0	2	0	2
843		2	max	27.582	5	0.018	15	0	2	0	2	0	2	0.053	15
844			min	6.504	2	0	2	-0.001	7	0	7	-0.002	7	-0.001	2
845		3	max	27.561	5	0.018	15	0	2	0	2	0	2	0.01	7
846			min	6.504	2	0	2	-0.001	7	0	7	-0.005	7	-0.002	2
847		4	max	27.54	5	0.018	15	0	2	0	2	0	2	-0.002	2
848			min	6.504	2	0	2	-0.001	7	0	7	-0.008	7	-0.039	8
849		5	max	27.519	5	0.018	15	0	2	0	2	0	2	-0.003	2
850			min	6.504	2	0	2	-0.001	7	0	7	-0.012	7	-0.085	8
851	M90	1	max	17.516	5	19.234	6	0	23	0	7	0	23	0	23
852			min	3.982	2	4.759	2	0	1	0	2	0	1	0	1
853		2	max	17.516	5	19.135	6	0	23	0	7	0	23	-16.26	2
854			min	3.982	2	4.759	2	0	1	0	2	0	1	-65.55	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
855		3	max	17.516	5	-1.001	2	0	23	0	7	0	23	-22.081	2
856			min	3.982	2	-4.003	5	0	1	0	2	0	1	-88.999	5
857		4	max	17.516	5	-3.881	2	0	23	0	7	0	23	-16.561	2
858			min	3.982	2	-15.622	5	0	1	0	2	0	1	-66.749	5
859		5	max	17.516	5	-6.761	2	0	23	0	7	0	23	0	23
860			min	3.982	2	-27.241	5	0	1	0	2	0	1	0	1
861	M91	1	max	17.779	5	7.476	6	0	7	0	2	0	23	0	23
862			min	4.055	2	1.818	2	0	2	0	7	0	1	0	1
863		2	max	17.779	5	7.447	6	0	7	0	2	0	7	-2.206	2
864			min	4.055	2	1.818	2	0	2	0	7	0	2	-9.055	6
865		3	max	17.779	5	-1.062	2	0	7	0	2	0	7	-2.761	2
866			min	4.055	2	-4.108	5	0	2	0	7	0	2	-11.472	6
867		4	max	17.779	5	-1.062	2	0	7	0	2	0	7	-1.472	2
868			min	4.055	2	-4.137	5	0	2	0	7	0	2	-6.476	6
869		5	max	17.779	5	-1.062	2	0	7	0	2	0	7	-0.183	2
870			min	4.055	2	-4.166	5	0	2	0	7	0	2	-1.444	6
871	M92	1	max	-0.12	2	-4.031	2	0	7	0.087	7	0	2	-5.712	2
872			min	-0.505	5	-22.757	6	0	2	0.001	2	0	7	-32.307	6
873		2	max	-0.12	2	-4.031	2	0	7	0.087	7	0	2	-4.284	2
874			min	-0.505	5	-22.779	6	0	2	0.001	2	0	7	-24.242	6
875		3	max	-0.12	2	-4.031	2	0	7	0.087	7	0	2	-2.856	2
876			min	-0.505	5	-22.8	6	0	2	0.001	2	0	7	-16.169	6
877		4	max	-0.12	2	-4.031	2	0	7	0.087	7	0	2	-1.428	2
878			min	-0.505	5	-22.821	6	0	2	0.001	2	0	7	-8.088	6
879		5	max	-0.12	2	-4.031	2	0	7	0.087	7	0	23	0	23
880			min	-0.505	5	-22.842	6	0	2	0.001	2	0	1	0	1
881	M93	1	max	2.449	5	0.298	6	0	2	0	7	0	7	-0.135	2
882			min	0.635	2	0.066	2	0	7	0	2	0	2	-1.184	6
883		2	max	2.449	5	0.246	6	0	2	0	7	0	2	-0.277	2
884			min	0.635	2	0.066	2	0	7	0	2	0	7	-1.765	6
885		3	max	2.449	5	0.195	6	0	2	0	7	0	2	-0.418	2
886			min	0.635	2	0.048	16	0	7	0	2	0	7	-2.237	6
887		4	max	2.449	5	0.144	6	0	2	0	7	0	2	-0.559	2
888			min	0.635	2	0.018	16	0	7	0	2	0	7	-2.599	6
889		5	max	2.449	5	0.093	6	0	2	0	7	0	2	-0.701	2
890			min	0.635	2	-0.024	4	0	7	0	2	0	7	-2.852	6
891	M94	1	max	19.106	5	3.833	5	0	2	0.001	7	0	7	-0.751	2
892			min	4.557	2	0.945	2	0	7	0	2	0	2	-3.134	6
893		2	max	19.106	5	3.803	5	0	2	0.001	7	0	7	-1.898	2
894			min	4.557	2	0.945	2	0	7	0	2	0	2	-7.744	6
895		3	max	19.106	5	3.774	5	0	2	0.001	7	0	7	-3.045	2
896			min	4.557	2	0.945	2	0	7	0	2	0	2	-12.318	6
897		4	max	19.106	5	-1.935	2	0	2	0.001	7	0	7	-2.348	2
898			min	4.557	2	-7.794	6	0	7	0	2	0	2	-9.477	6
899		5	max	19.106	5	-1.935	2	0	2	0.001	7	0	23	0	23
900			min	4.557	2	-7.823	6	0	7	0	2	0	1	0	1
901	M95	1	max	19.538	5	27.213	6	0	23	0	2	0	23	0	23
902			min	4.684	2	6.744	2	0	1	0	7	0	1	0	1
903		2	max	19.538	5	15.594	6	0	23	0	2	0	23	-16.559	2
904			min	4.684	2	3.864	2	0	1	0	7	0	1	-66.74	5
905		3	max	19.538	5	3.975	6	0	23	0	2	0	23	-22.078	2
906			min	4.684	2	0.984	2	0	1	0	7	0	1	-88.987	5
907		4	max	19.538	5	-4.776	2	0	23	0	2	0	23	-16.318	2
908			min	4.684	2	-19.163	5	0	1	0	7	0	1	-65.64	5
909		5	max	19.538	5	-4.776	2	0	23	0	2	0	23	0	23
910			min	4.684	2	-19.262	5	0	1	0	7	0	1	0	1
911	M96	1	max	-2.452	2	19.586	6	0	23	0	2	0	23	0	23
912			min	-10.799	6	4.759	2	0	1	-0.001	7	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
913		2	max	-2.452	2	19.311	6	0	23	0	2	0	23	-16.26	2
914			min	-10.799	6	4.759	2	0	1	-0.001	7	0	1	-66.452	5
915		3	max	-2.452	2	-1.001	2	0	23	0	2	0	23	-22.081	2
916			min	-10.799	6	-4.003	5	0	1	-0.001	7	0	1	-90.202	5
917		4	max	-2.452	2	-3.881	2	0	23	0	2	0	23	-16.561	2
918			min	-10.799	6	-15.798	5	0	1	-0.001	7	0	1	-67.652	5
919		5	max	-2.452	2	-6.761	2	0	23	0	2	0	23	0	23
920			min	-10.799	6	-27.593	5	0	1	-0.001	7	0	1	0	1
921	M97	1	max	-1.448	2	0.268	6	0	1	0	2	0	7	0.167	2
922			min	-6.126	6	0.057	2	0	7	0	7	0	2	-0.249	4
923		2	max	-1.448	2	0.217	6	0	1	0	2	0	7	0.045	2
924			min	-6.126	6	0.057	2	0	7	0	7	0	2	-0.605	4
925		3	max	-1.448	2	0.166	6	0	1	0	2	0	7	-0.078	2
926			min	-6.126	6	0.039	16	0	7	0	7	0	2	-0.886	8
927		4	max	-1.448	2	0.115	6	0	1	0	2	0	7	-0.2	2
928			min	-6.126	6	0.009	16	0	7	0	7	0	2	-1.173	6
929		5	max	-1.448	2	0.064	6	0	1	0	2	0	7	-0.323	2
930			min	-6.126	6	-0.042	4	0	7	0	7	0	2	-1.363	6
931	M98	1	max	-10.692	2	0.029	15	0	23	0	2	0	23	0	23
932			min	-48.94	5	0	2	0	1	0	7	0	1	0	1
933		2	max	-10.692	2	0.014	15	0	23	0	2	0	23	0	2
934			min	-48.915	5	0	2	0	1	0	7	0	1	-0.06	8
935		3	max	-10.692	2	0	23	0	23	0	2	0	23	0	2
936			min	-48.889	5	0	1	0	1	0	7	0	1	-0.08	8
937		4	max	-10.692	2	0	2	0	23	0	2	0	23	0	2
938			min	-48.864	5	-0.014	4	0	1	0	7	0	1	-0.06	8
939		5	max	-10.692	2	0	2	0	23	0	2	0	23	0	23
940			min	-48.838	5	-0.029	4	0	1	0	7	0	1	0	1
941	M99	1	max	15.237	5	5.222	5	0	7	0	2	0	2	-0.35	2
942			min	3.813	2	1.453	16	0	2	-0.003	7	-0.001	7	-1.649	6
943		2	max	15.237	5	5.193	5	0	7	0	2	0	2	-2.342	23
944			min	3.813	2	1.436	16	0	2	-0.003	7	-0.001	7	-7.95	6
945		3	max	15.237	5	2.837	4	0	7	0	2	0	2	-2.845	2
946			min	3.813	2	-1.172	2	0	2	-0.003	7	-0.001	7	-11.575	6
947		4	max	15.237	5	-1.172	2	0	7	0	2	0	2	-1.422	2
948			min	3.813	2	-6.4	6	0	2	-0.003	7	0	7	-7.785	6
949		5	max	15.237	5	-1.172	2	0	7	0	2	0	23	0	23
950			min	3.813	2	-6.43	6	0	2	-0.003	7	0	1	0	1
951	M100	1	max	22.364	5	27.213	6	0	23	0.001	7	0	23	0	23
952			min	5.556	2	6.744	2	0	1	0	2	0	1	0	1
953		2	max	22.364	5	15.594	6	0	23	0.001	7	0	23	-16.559	2
954			min	5.556	2	3.864	2	0	1	0	2	0	1	-66.74	5
955		3	max	22.364	5	3.975	6	0	23	0.001	7	0	23	-22.078	2
956			min	5.556	2	0.984	2	0	1	0	2	0	1	-88.987	5
957		4	max	22.364	5	-4.776	2	0	23	0.001	7	0	23	-16.318	2
958			min	5.556	2	-19.163	5	0	1	0	2	0	1	-65.64	5
959		5	max	22.364	5	-4.776	2	0	23	0.001	7	0	23	0	23
960			min	5.556	2	-19.262	5	0	1	0	2	0	1	0	1
961	M101	1	max	-8.046	2	19.586	6	0	23	0.006	7	0	23	0	23
962			min	-37.155	6	4.759	2	0	1	0	2	0	1	0	1
963		2	max	-8.046	2	19.311	6	0	23	0.006	7	0	23	-16.26	2
964			min	-37.155	6	4.759	2	0	1	0	2	0	1	-66.452	5
965		3	max	-8.046	2	-1.001	2	0	23	0.006	7	0	23	-22.081	2
966			min	-37.155	6	-4.003	5	0	1	0	2	0	1	-90.202	5
967		4	max	-8.046	2	-3.881	2	0	23	0.006	7	0	23	-16.561	2
968			min	-37.155	6	-15.798	5	0	1	0	2	0	1	-67.652	5
969		5	max	-8.046	2	-6.761	2	0	23	0.006	7	0	23	0	23
970			min	-37.155	6	-27.593	5	0	1	0	2	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
971	M102	1	max	23.498	6	0.098	4	0	23	0	7	0	23	0	23
972			min	4.934	2	0	2	0	1	0	2	0	1	0	1
973		2	max	23.467	6	0.049	4	0	23	0	7	0	23	0	2
974			min	4.934	2	0	2	0	1	0	2	0	1	-0.31	4
975		3	max	23.436	6	0	23	0	23	0	7	0	23	0	2
976			min	4.934	2	0	1	0	1	0	2	0	1	-0.413	4
977		4	max	23.406	6	0	2	0	23	0	7	0	23	0	2
978			min	4.934	2	-0.049	8	0	1	0	2	0	1	-0.31	4
979		5	max	23.375	6	0	2	0	23	0	7	0	23	0	23
980			min	4.934	2	-0.098	8	0	1	0	2	0	1	0	1
981	M103	1	max	4.112	5	27.213	6	0	23	0	2	0	23	0	23
982			min	0.98	2	6.744	2	0	1	-0.006	7	0	1	0	1
983		2	max	4.112	5	15.594	6	0	23	0	2	0	23	-16.559	2
984			min	0.98	2	3.864	2	0	1	-0.006	7	0	1	-66.74	5
985		3	max	4.112	5	3.975	6	0	23	0	2	0	23	-22.078	2
986			min	0.98	2	0.984	2	0	1	-0.006	7	0	1	-88.987	5
987		4	max	4.112	5	-4.776	2	0	23	0	2	0	23	-16.318	2
988			min	0.98	2	-19.163	5	0	1	-0.006	7	0	1	-65.64	5
989		5	max	4.112	5	-4.776	2	0	23	0	2	0	23	0	23
990			min	0.98	2	-19.262	5	0	1	-0.006	7	0	1	0	1
991	M104	1	max	-0.119	2	13.92	6	0	2	0.087	7	0	23	0	23
992			min	-0.502	5	3.104	2	0	7	0.001	2	0	1	0	1
993		2	max	-0.119	2	13.717	6	0	2	0.087	7	0	2	-10.606	2
994			min	-0.502	5	3.104	2	0	7	0.001	2	0	7	-47.211	6
995		3	max	-0.119	2	4.549	6	0	2	0.087	7	0	2	-15.093	2
996			min	-0.502	5	0.944	2	0	7	0.001	2	0	7	-68.332	6
997		4	max	-0.119	2	-1.216	2	0	2	0.087	7	0	2	-13.461	2
998			min	-0.502	5	-4.773	5	0	7	0.001	2	0	7	-63.361	6
999		5	max	-0.119	2	-3.376	2	0	2	0.087	7	0	2	-5.709	2
1000			min	-0.502	5	-13.941	5	0	7	0.001	2	0	7	-32.3	6
1001	M105	1	max	13.979	6	0.065	4	0	23	0	2	0	23	0	23
1002			min	3.007	2	0	2	0	1	0	7	0	1	0	1
1003		2	max	13.956	6	0.033	4	0	23	0	2	0	23	0	2
1004			min	3.007	2	0	2	0	1	0	7	0	1	-0.218	4
1005		3	max	13.932	6	0	23	0	23	0	2	0	23	0	2
1006			min	3.007	2	0	1	0	1	0	7	0	1	-0.291	4
1007		4	max	13.909	6	0	2	0	23	0	2	0	23	0	2
1008			min	3.007	2	-0.033	8	0	1	0	7	0	1	-0.218	4
1009		5	max	13.885	6	0	2	0	23	0	2	0	23	0	23
1010			min	3.007	2	-0.065	8	0	1	0	7	0	1	0	1
1011	M106	1	max	38.14	6	0.475	5	0.037	6	0.002	5	-0.073	2	-0.062	2
1012			min	6.716	2	0.119	2	0.007	2	0.001	2	-0.377	6	-1.004	7
1013		2	max	37.853	6	0.475	5	0.037	6	0.002	5	-0.054	2	-0.359	2
1014			min	6.716	2	0.119	2	0.007	2	0.001	2	-0.284	6	-1.806	6
1015		3	max	37.565	6	0.475	5	0.037	6	0.002	5	-0.036	2	-0.655	2
1016			min	6.716	2	0.119	2	0.007	2	0.001	2	-0.192	6	-2.91	6
1017		4	max	37.277	6	0.475	5	0.037	6	0.002	5	-0.017	2	-0.952	2
1018			min	6.716	2	0.119	2	0.007	2	0.001	2	-0.099	6	-4.089	5
1019		5	max	36.989	6	0.475	5	0.037	6	0.002	5	0.002	2	-1.249	2
1020			min	6.716	2	0.119	2	0.007	2	0.001	2	-0.013	7	-5.277	5
1021	M107	1	max	-8.777	2	0.017	4	0	23	0	7	0	23	0	23
1022			min	-39.665	6	0	2	0	1	0	2	0	1	0	1
1023		2	max	-8.777	2	0.009	4	0	23	0	7	0	23	0	2
1024			min	-39.647	6	0	2	0	1	0	2	0	1	-0.041	4
1025		3	max	-8.777	2	0	23	0	23	0	7	0	23	0	2
1026			min	-39.629	6	0	1	0	1	0	2	0	1	-0.054	4
1027		4	max	-8.777	2	0	2	0	23	0	7	0	23	0	2
1028			min	-39.612	6	-0.009	8	0	1	0	2	0	1	-0.041	4

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1029		5	max	-8.777	2	0	2	0	23	0	7	0	23	0	23
1030			min	-39.594	6	-0.017	8	0	1	0	2	0	1	0	1
1031	M108	1	max	-10.07	2	0.017	4	0	23	0	2	0	23	0	23
1032			min	-43.044	6	0	2	0	1	0	7	0	1	0	1
1033		2	max	-10.07	2	0.009	4	0	23	0	2	0	23	0	2
1034			min	-43.062	6	0	2	0	1	0	7	0	1	-0.041	4
1035		3	max	-10.07	2	0	23	0	23	0	2	0	23	0	2
1036			min	-43.08	6	0	1	0	1	0	7	0	1	-0.054	4
1037		4	max	-10.07	2	0	2	0	23	0	2	0	23	0	2
1038			min	-43.097	6	-0.009	8	0	1	0	7	0	1	-0.041	4
1039		5	max	-10.07	2	0	2	0	23	0	2	0	23	0	23
1040			min	-43.115	6	-0.017	8	0	1	0	7	0	1	0	1
1041	M109	1	max	-7.509	2	0.065	4	0	23	0	7	0	23	0	23
1042			min	-31.545	5	0	2	0	1	0	2	0	1	0	1
1043		2	max	-7.509	2	0.033	4	0	23	0	7	0	23	0	2
1044			min	-31.522	5	0	2	0	1	0	2	0	1	-0.218	4
1045		3	max	-7.509	2	0	23	0	23	0	7	0	23	0	2
1046			min	-31.498	5	0	1	0	1	0	2	0	1	-0.291	4
1047		4	max	-7.509	2	0	2	0	23	0	7	0	23	0	2
1048			min	-31.475	5	-0.033	8	0	1	0	2	0	1	-0.218	4
1049		5	max	-7.509	2	0	2	0	23	0	7	0	23	0	23
1050			min	-31.451	5	-0.065	8	0	1	0	2	0	1	0	1
1051	M110	1	max	-12.062	2	0.029	15	0	23	0.002	7	0	23	0	23
1052			min	-48.948	5	0	2	0	1	0	2	0	1	0	1
1053		2	max	-12.062	2	0.014	15	0	23	0.002	7	0	23	0	2
1054			min	-48.973	5	0	2	0	1	0	2	0	1	-0.06	8
1055		3	max	-12.062	2	0	23	0	23	0.002	7	0	23	0	2
1056			min	-48.999	5	0	1	0	1	0	2	0	1	-0.08	8
1057		4	max	-12.062	2	0	2	0	23	0.002	7	0	23	0	2
1058			min	-49.024	5	-0.014	4	0	1	0	2	0	1	-0.06	8
1059		5	max	-12.062	2	0	2	0	23	0.002	7	0	23	0	23
1060			min	-49.05	5	-0.029	4	0	1	0	2	0	1	0	1
1061	M111	1	max	-6.972	2	0.098	4	0	23	0	2	0	23	0	23
1062			min	-28.047	5	0	2	0	1	-0.003	7	0	1	0	1
1063		2	max	-6.972	2	0.049	4	0	23	0	2	0	23	0	2
1064			min	-28.016	5	0	2	0	1	-0.003	7	0	1	-0.31	4
1065		3	max	-6.972	2	0	23	0	23	0	2	0	23	0	2
1066			min	-27.986	5	0	1	0	1	-0.003	7	0	1	-0.413	4
1067		4	max	-6.972	2	0	2	0	23	0	2	0	23	0	2
1068			min	-27.955	5	-0.049	8	0	1	-0.003	7	0	1	-0.31	4
1069		5	max	-6.972	2	0	2	0	23	0	2	0	23	0	23
1070			min	-27.924	5	-0.098	8	0	1	-0.003	7	0	1	0	1
1071	M113	1	max	-0.127	2	11.438	6	0	23	0	2	0	23	0	23
1072			min	-0.533	5	2.687	2	0	1	-0.03	7	0	1	0	1
1073		2	max	-0.127	2	11.294	6	0	23	0	2	0	23	-9.181	2
1074			min	-0.533	5	2.687	2	0	1	-0.03	7	0	1	-38.836	5
1075		3	max	-0.127	2	2.187	6	0	23	0	2	0	23	-12.241	2
1076			min	-0.533	5	0.527	2	0	1	-0.03	7	0	1	-51.781	5
1077		4	max	-0.127	2	-1.633	2	0	23	0	2	0	23	-9.181	2
1078			min	-0.533	5	-6.921	5	0	1	-0.03	7	0	1	-38.836	5
1079		5	max	-0.127	2	-3.793	2	0	23	0	2	0	23	0	23
1080			min	-0.533	5	-16.029	5	0	1	-0.03	7	0	1	0	1
1081	M116	1	max	-0.512	2	0.017	6	9.532	6	0	2	-3.17	2	0.024	6
1082			min	-2.225	6	0.003	2	2.237	2	-0.001	6	-13.599	6	0.004	2
1083		2	max	-0.512	2	0.017	6	9.564	6	0	2	-2.377	2	0.018	6
1084			min	-2.225	6	0.003	2	2.237	2	-0.001	6	-10.216	6	0.003	2
1085		3	max	-0.512	2	0.017	6	9.597	6	0	2	-1.585	2	0.012	6
1086			min	-2.225	6	0.003	2	2.237	2	-0.001	6	-6.822	6	0.002	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1087		4	max	-0.512	2	0.017	6	9.629	6	0	2	-0.792	2	0.006	6
1088			min	-2.225	6	0.003	2	2.237	2	-0.001	6	-3.417	6	0.001	2
1089		5	max	-0.512	2	0.017	6	9.661	6	0	2	0	23	0	23
1090			min	-2.225	6	0.003	2	2.237	2	-0.001	6	0	1	0	1
1091	M117	1	max	0.647	6	-0.004	2	20.499	6	0	2	-6.818	2	-0.005	2
1092			min	0.124	2	-0.02	6	4.812	2	-0.003	6	-29.138	6	-0.029	6
1093		2	max	0.647	6	-0.004	2	20.531	6	0	2	-5.114	2	-0.004	2
1094			min	0.124	2	-0.02	6	4.812	2	-0.003	6	-21.871	6	-0.022	6
1095		3	max	0.647	6	-0.004	2	20.563	6	0	2	-3.409	2	-0.003	2
1096			min	0.124	2	-0.02	6	4.812	2	-0.003	6	-14.592	6	-0.014	6
1097		4	max	0.647	6	-0.004	2	20.595	6	0	2	-1.705	2	-0.001	2
1098			min	0.124	2	-0.02	6	4.812	2	-0.003	6	-7.302	6	-0.007	6
1099		5	max	0.647	6	-0.004	2	20.628	6	0	2	0	23	0	23
1100			min	0.124	2	-0.02	6	4.812	2	-0.003	6	0	1	0	1
1101	M118	1	max	0.971	5	0.003	5	11.21	6	0.001	5	-3.754	2	0.004	5
1102			min	0.238	2	0.001	2	2.649	2	0	7	-15.976	6	0.001	2
1103		2	max	0.971	5	0.003	5	11.242	6	0.001	5	-2.815	2	0.003	5
1104			min	0.238	2	0.001	2	2.649	2	0	7	-11.999	6	0.001	2
1105		3	max	0.971	5	0.003	5	11.275	6	0.001	5	-1.877	2	0.002	5
1106			min	0.238	2	0.001	2	2.649	2	0	7	-8.011	6	0.001	2
1107		4	max	0.971	5	0.003	5	11.307	6	0.001	5	-0.938	2	0.001	5
1108			min	0.238	2	0.001	2	2.649	2	0	7	-4.011	6	0	2
1109		5	max	0.971	5	0.003	5	11.339	6	0.001	5	0	23	0	23
1110			min	0.238	2	0.001	2	2.649	2	0	7	0	1	0	1
1111	M119	1	max	59.745	6	0	23	0	2	0	2	0.002	7	0	23
1112			min	12.587	2	0	1	-0.001	7	-0.002	7	0	2	0	1
1113		2	max	59.62	6	0	23	0	2	0	2	0	2	0	23
1114			min	12.587	2	0	1	-0.001	7	-0.002	7	0	7	0	1
1115		3	max	59.494	6	0	23	0	2	0	2	0	2	0	23
1116			min	12.587	2	0	1	-0.001	7	-0.002	7	-0.002	7	0	1
1117		4	max	59.369	6	0	23	0	2	0	2	0	2	0	23
1118			min	12.587	2	0	1	-0.001	7	-0.002	7	-0.005	7	0	1
1119		5	max	59.243	6	0	23	0	2	0	2	0	2	0	23
1120			min	12.587	2	0	1	-0.001	7	-0.002	7	-0.007	7	0	1
1121	M120	1	max	-0.277	2	-0.17	2	0	7	0	7	0	5	-0.24	2
1122			min	-1.127	5	-9.246	7	0	5	0	2	0	7	-13.161	7
1123		2	max	-0.277	2	-0.17	2	0	7	0	7	0	5	-0.18	2
1124			min	-1.127	5	-9.267	7	0	5	0	2	0	7	-9.882	7
1125		3	max	-0.277	2	-0.17	2	0	7	0	7	0	5	-0.12	2
1126			min	-1.127	5	-9.288	7	0	5	0	2	0	7	-6.595	7
1127		4	max	-0.277	2	-0.17	2	0	7	0	7	0	5	-0.06	2
1128			min	-1.127	5	-9.309	7	0	5	0	2	0	7	-3.301	7
1129		5	max	-0.277	2	-0.17	2	0	7	0	7	0	23	0	23
1130			min	-1.127	5	-9.33	7	0	5	0	2	0	1	0	1
1131	M121	1	max	9.793	5	0.271	6	0	7	0	7	0	2	1.177	5
1132			min	2.419	2	0.041	2	0	2	0	2	0	7	0.305	2
1133		2	max	9.793	5	0.22	6	0	7	0	7	0	7	0.656	5
1134			min	2.419	2	0.041	2	0	2	0	2	0	2	0.181	16
1135		3	max	9.793	5	0.169	6	0	7	0	7	0	7	0.244	5
1136			min	2.419	2	0.041	2	0	2	0	2	0	2	0.006	7
1137		4	max	9.793	5	0.118	6	0	7	0	7	0	7	0.041	2
1138			min	2.419	2	0.029	16	0	2	0	2	0	2	-0.21	7
1139		5	max	9.793	5	0.066	6	0	7	0	7	0	7	-0.047	2
1140			min	2.419	2	-0.001	4	0	2	0	2	0	2	-0.317	7
1141	M122	1	max	2.921	6	1.979	6	0	6	0.021	6	0	2	11.423	6
1142			min	0.638	2	0.473	2	0	2	0.004	2	0	8	2.725	2
1143		2	max	2.886	6	1.979	6	0	6	0.021	6	0	7	5.733	6
1144			min	0.638	2	0.473	2	0	2	0.004	2	0	4	1.367	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1145		3	max	2.851	6	1.979	6	0	6	0.021	6	0	6	0.043	6
1146			min	0.638	2	0.473	2	0	2	0.004	2	0	2	0.008	2
1147		4	max	2.816	6	1.979	6	0	6	0.021	6	0.001	6	-1.351	2
1148			min	0.638	2	0.473	2	0	2	0.004	2	0	2	-5.648	6
1149		5	max	2.782	6	1.979	6	0	6	0.021	6	0.001	6	-2.709	2
1150			min	0.638	2	0.473	2	0	2	0.004	2	0	2	-11.338	6
1151	M123	1	max	31.602	6	0	23	0.002	7	0	2	0	2	0	23
1152			min	6.151	2	0	1	0	2	0	7	-0.004	7	0	1
1153		2	max	31.544	6	0	23	0.002	7	0	2	0.001	7	0	23
1154			min	6.151	2	0	1	0	2	0	7	0	2	0	1
1155		3	max	31.485	6	0	23	0.002	7	0	2	0.006	7	0	23
1156			min	6.151	2	0	1	0	2	0	7	0	2	0	1
1157		4	max	31.427	6	0	23	0.002	7	0	2	0.011	7	0	23
1158			min	6.151	2	0	1	0	2	0	7	0	2	0	1
1159		5	max	31.368	6	0	23	0.002	7	0	2	0.016	7	0	23
1160			min	6.151	2	0	1	0	2	0	7	0	2	0	1
1161	M124	1	max	186.678	6	0.144	5	0	2	0	2	0.031	7	1.951	5
1162			min	42.4	2	0.035	2	-0.012	7	0	6	0	2	0.482	2
1163		2	max	186.478	6	0.144	5	0	2	0	2	0	2	1.537	5
1164			min	42.4	2	0.035	2	-0.012	7	0	6	-0.004	7	0.38	2
1165		3	max	186.277	6	0.144	5	0	2	0	2	0	2	1.123	5
1166			min	42.4	2	0.035	2	-0.012	7	0	6	-0.038	7	0.278	2
1167		4	max	186.076	6	0.144	5	0	2	0	2	-0.001	2	0.708	5
1168			min	42.4	2	0.035	2	-0.012	7	0	6	-0.073	7	0.176	2
1169		5	max	185.875	6	0.144	5	0	2	0	2	-0.001	2	0.294	5
1170			min	42.4	2	0.035	2	-0.012	7	0	6	-0.107	7	0.075	2
1171	M125	1	max	127.824	6	0.022	5	0	2	0.001	7	0.192	7	0.337	5
1172			min	27.876	2	0.006	2	-0.075	7	0	2	0	2	0.092	2
1173		2	max	127.623	6	0.022	5	0	2	0.001	7	0	2	0.274	5
1174			min	27.876	2	0.006	2	-0.075	7	0	2	-0.024	7	0.074	2
1175		3	max	127.422	6	0.022	5	0	2	0.001	7	0	2	0.21	5
1176			min	27.876	2	0.006	2	-0.075	7	0	2	-0.24	7	0.056	2
1177		4	max	127.222	6	0.022	5	0	2	0.001	7	0	2	0.147	5
1178			min	27.876	2	0.006	2	-0.075	7	0	2	-0.456	7	0.038	2
1179		5	max	127.021	6	0.022	5	0	2	0.001	7	0.001	2	0.084	6
1180			min	27.876	2	0.006	2	-0.075	7	0	2	-0.671	7	0.02	2
1181	M126	1	max	-6.748	2	0.023	15	0	23	0	7	0	23	0	23
1182			min	-28.989	6	0	2	0	1	0	2	0	1	0	1
1183		2	max	-6.748	2	0.012	15	0	23	0	7	0	23	0	2
1184			min	-29.012	6	0	2	0	1	0	2	0	1	-0.054	8
1185		3	max	-6.748	2	0	23	0	23	0	7	0	23	0	2
1186			min	-29.036	6	0	1	0	1	0	2	0	1	-0.072	8
1187		4	max	-6.748	2	0	2	0	23	0	7	0	23	0	2
1188			min	-29.059	6	-0.012	4	0	1	0	2	0	1	-0.054	8
1189		5	max	-6.748	2	0	2	0	23	0	7	0	23	0	23
1190			min	-29.083	6	-0.023	4	0	1	0	2	0	1	0	1
1191	M127	1	max	10.691	7	0	23	0.001	7	0	23	0	2	0	23
1192			min	0.186	2	0	1	0	2	0	1	-0.006	7	0	1
1193		2	max	10.652	7	0	23	0.001	7	0	23	0	2	0	23
1194			min	0.186	2	0	1	0	2	0	1	-0.004	7	0	1
1195		3	max	10.613	7	0	23	0.001	7	0	23	0	2	0	23
1196			min	0.186	2	0	1	0	2	0	1	-0.002	7	0	1
1197		4	max	10.574	7	0	23	0.001	7	0	23	0	2	0	23
1198			min	0.186	2	0	1	0	2	0	1	0	7	0	1
1199		5	max	10.536	7	0	23	0.001	7	0	23	0.002	7	0	23
1200			min	0.186	2	0	1	0	2	0	1	0	2	0	1
1201	M128	1	max	-0.277	2	5.41	7	0	5	0	7	0	23	0	23
1202			min	-1.126	5	0.018	2	0	7	0	2	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1203		2	max	-0.277	2	3.187	7	0	5	0	7	0	5	-0.061	2
1204			min	-1.126	5	0.018	2	0	7	0	2	0	7	-14.686	7
1205		3	max	-0.277	2	0.963	7	0	5	0	7	0	5	-0.122	2
1206			min	-1.126	5	0.018	2	0	7	0	2	0	7	-21.775	7
1207		4	max	-0.277	2	0.018	2	0	5	0	7	0	5	-0.182	2
1208			min	-1.126	5	-1.261	7	0	7	0	2	0	7	-21.267	7
1209		5	max	-0.277	2	0.018	2	0	5	0	7	0	5	-0.243	2
1210			min	-1.126	5	-3.484	7	0	7	0	2	0	7	-13.162	7
1211	M129	1	max	-2.277	2	7.819	5	0	2	0.003	7	0	23	0	23
1212			min	-9.136	5	1.942	2	0	7	0	2	0	1	0	1
1213		2	max	-2.277	2	7.79	5	0	2	0.003	7	0	2	-2.356	2
1214			min	-9.136	5	1.942	2	0	7	0	2	0	7	-9.471	5
1215		3	max	-2.277	2	-1.298	2	0	2	0.003	7	0	2	-2.855	2
1216			min	-9.136	5	-5.202	6	0	7	0	2	0	7	-11.479	5
1217		4	max	-2.277	2	-1.298	2	0	2	0.003	7	0	2	-1.28	2
1218			min	-9.136	5	-5.231	6	0	7	0	2	0	7	-5.152	5
1219		5	max	-2.277	2	-1.298	2	0	2	0.003	7	0	2	1.224	6
1220			min	-9.136	5	-5.26	6	0	7	0	2	0	7	0.296	2
1221	M130	1	max	74.211	6	0.052	6	0.292	7	0.001	7	0.001	2	0.084	6
1222			min	15.218	2	0.012	2	0	2	0	2	-0.678	7	0.02	2
1223		2	max	74.092	6	0.052	6	0.292	7	0.001	7	0.051	7	-0.012	2
1224			min	15.218	2	0.012	2	0	2	0	2	0	2	-0.046	5
1225		3	max	73.972	6	0.052	6	0.292	7	0.001	7	0.78	7	-0.043	2
1226			min	15.218	2	0.012	2	0	2	0	2	-0.001	2	-0.176	6
1227		4	max	73.853	6	0.052	6	0.292	7	0.001	7	1.508	7	-0.074	2
1228			min	15.218	2	0.012	2	0	2	0	2	-0.002	2	-0.306	6
1229		5	max	73.733	6	0.052	6	0.292	7	0.001	7	2.237	7	-0.105	2
1230			min	15.218	2	0.012	2	0	2	0	2	-0.002	2	-0.436	6
1231	M131	1	max	-7.627	2	0.029	15	0	23	0	2	0	23	0	23
1232			min	-31.595	5	0	2	0	1	0	7	0	1	0	1
1233		2	max	-7.627	2	0.014	15	0	23	0	2	0	23	0	2
1234			min	-31.621	5	0	2	0	1	0	7	0	1	-0.06	8
1235		3	max	-7.627	2	0	23	0	23	0	2	0	23	0	2
1236			min	-31.646	5	0	1	0	1	0	7	0	1	-0.08	8
1237		4	max	-7.627	2	0	2	0	23	0	2	0	23	0	2
1238			min	-31.672	5	-0.014	4	0	1	0	7	0	1	-0.06	8
1239		5	max	-7.627	2	0	2	0	23	0	2	0	23	0	23
1240			min	-31.697	5	-0.029	4	0	1	0	7	0	1	0	1
1241	M132	1	max	38.271	6	0.11	6	-0.013	2	0	23	0.465	6	7.668	5
1242			min	6.718	2	0.022	2	-0.068	6	0	1	0.086	2	1.867	2
1243		2	max	37.94	6	0.11	6	-0.013	2	0	23	0.269	6	7.372	5
1244			min	6.718	2	0.022	2	-0.068	6	0	1	0.049	2	1.804	2
1245		3	max	37.609	6	0.11	6	-0.013	2	0	23	0.072	6	7.076	5
1246			min	6.718	2	0.022	2	-0.068	6	0	1	0.012	2	1.741	2
1247		4	max	37.278	6	0.11	6	-0.013	2	0	23	-0.025	2	6.78	5
1248			min	6.718	2	0.022	2	-0.068	6	0	1	-0.125	6	1.677	2
1249		5	max	36.947	6	0.11	6	-0.013	2	0	23	-0.061	2	6.484	5
1250			min	6.718	2	0.022	2	-0.068	6	0	1	-0.321	6	1.614	2
1251	M134	1	max	18.59	6	0.025	5	0	7	0	2	0	2	0.131	5
1252			min	4.425	2	0.007	2	0	2	0	7	0	7	0.039	2
1253		2	max	18.569	6	0.025	5	0	7	0	2	0	7	0.069	5
1254			min	4.425	2	0.007	2	0	2	0	7	0	2	0.02	2
1255		3	max	18.548	6	0.025	5	0	7	0	2	0.001	7	0.006	5
1256			min	4.425	2	0.007	2	0	2	0	7	0	2	0.002	7
1257		4	max	18.527	6	0.025	5	0	7	0	2	0.002	7	-0.017	2
1258			min	4.425	2	0.007	2	0	2	0	7	0	2	-0.057	5
1259		5	max	18.506	6	0.025	5	0	7	0	2	0.003	7	-0.035	2
1260			min	4.425	2	0.007	2	0	2	0	7	0	2	-0.12	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1261	M135	1	max	14.304	5	7.717	6	0	7	0	2	0	23	0	23
1262			min	3.452	2	1.912	2	0	2	-0.001	7	0	1	0	1
1263		2	max	14.304	5	7.688	6	0	7	0	2	0	7	-2.321	2
1264			min	3.452	2	1.912	2	0	2	-0.001	7	0	2	-9.347	6
1265		3	max	14.304	5	-1.328	2	0	7	0	2	0	7	-2.784	2
1266			min	3.452	2	-5.304	5	0	2	-0.001	7	0	2	-11.232	6
1267		4	max	14.304	5	-1.328	2	0	7	0	2	0.001	7	-1.173	2
1268			min	3.452	2	-5.333	5	0	2	-0.001	7	0	2	-4.781	6
1269		5	max	14.304	5	-1.328	2	0	7	0	2	0.001	7	1.72	5
1270			min	3.452	2	-5.362	5	0	2	-0.001	7	0	2	0.438	2
1271	M136	1	max	-0.291	2	5.808	7	0	23	0	7	0	23	0	23
1272			min	-1.184	5	0	2	0	1	0	2	0	1	0	1
1273		2	max	-0.291	2	2.904	7	0	23	0	7	0	23	0	2
1274			min	-1.184	5	0	2	0	1	0	2	0	1	-19.874	7
1275		3	max	-0.291	2	0	23	0	23	0	7	0	23	0	2
1276			min	-1.184	5	0	1	0	1	0	2	0	1	-26.499	7
1277		4	max	-0.291	2	0	2	0	23	0	7	0	23	0	2
1278			min	-1.184	5	-2.904	7	0	1	0	2	0	1	-19.874	7
1279		5	max	-0.291	2	0	2	0	23	0	7	0	23	0	23
1280			min	-1.184	5	-5.808	7	0	1	0	2	0	1	0	1
1281	M137	1	max	21.068	7	-0.01	2	0	2	0	23	2.266	7	-0.105	2
1282			min	0.195	2	-0.042	6	-0.216	7	0	1	-0.002	2	-0.436	6
1283		2	max	20.971	7	-0.01	2	0	2	0	23	1.699	7	-0.079	2
1284			min	0.195	2	-0.042	6	-0.216	7	0	1	-0.002	2	-0.327	6
1285		3	max	20.873	7	-0.01	2	0	2	0	23	1.132	7	-0.052	2
1286			min	0.195	2	-0.042	6	-0.216	7	0	1	-0.001	2	-0.218	6
1287		4	max	20.775	7	-0.01	2	0	2	0	23	0.565	7	-0.026	2
1288			min	0.195	2	-0.042	6	-0.216	7	0	1	-0.001	2	-0.109	6
1289		5	max	20.677	7	-0.01	2	0	2	0	23	0	2	0	2
1290			min	0.195	2	-0.042	6	-0.216	7	0	1	-0.002	7	0	4
1291	M139	1	max	-2.284	2	0.152	15	0	7	0	7	0	2	1.102	6
1292			min	-9.158	5	0.009	2	0	2	0	2	0	7	0.26	2
1293		2	max	-2.284	2	0.093	15	0	7	0	7	0	2	0.852	6
1294			min	-9.158	5	0.009	2	0	2	0	2	0	7	0.24	2
1295		3	max	-2.284	2	0.04	6	0	7	0	7	0	7	0.711	6
1296			min	-9.158	5	0.009	2	0	2	0	2	0	2	0.205	16
1297		4	max	-2.284	2	0.009	2	0	7	0	7	0	7	0.68	6
1298			min	-9.158	5	-0.032	4	0	2	0	2	0	2	0.2	2
1299		5	max	-2.284	2	0.009	2	0	7	0	7	0	7	0.758	6
1300			min	-9.158	5	-0.092	4	0	2	0	2	0	2	0.18	2
1301	M140	1	max	19.197	7	0	2	0.06	5	0	23	-0.155	2	-0.003	2
1302			min	0.172	2	-0.032	7	0.015	2	0	1	-0.629	5	-0.337	7
1303		2	max	19.099	7	0	2	0.06	5	0	23	-0.116	2	-0.002	2
1304			min	0.172	2	-0.032	7	0.015	2	0	1	-0.472	5	-0.253	7
1305		3	max	19.001	7	0	2	0.06	5	0	23	-0.077	2	-0.001	2
1306			min	0.172	2	-0.032	7	0.015	2	0	1	-0.314	5	-0.169	7
1307		4	max	18.903	7	0	2	0.06	5	0	23	-0.039	2	-0.001	2
1308			min	0.172	2	-0.032	7	0.015	2	0	1	-0.157	5	-0.084	7
1309		5	max	18.806	7	0	2	0.06	5	0	23	0	6	0	3
1310			min	0.172	2	-0.032	7	0.015	2	0	1	0	2	0	7
1311	M141	1	max	47.904	6	-0.187	2	0.047	6	0	23	0	23	0	23
1312			min	8.641	2	-0.768	5	0.009	2	0	1	0	1	0	1
1313		2	max	47.616	6	-0.187	2	0.047	6	0	23	0.116	6	1.92	5
1314			min	8.641	2	-0.768	5	0.009	2	0	1	0.021	2	0.468	2
1315		3	max	47.328	6	-0.187	2	0.047	6	0	23	0.233	6	3.839	5
1316			min	8.641	2	-0.768	5	0.009	2	0	1	0.043	2	0.935	2
1317		4	max	47.04	6	-0.187	2	0.047	6	0	23	0.349	6	5.759	5
1318			min	8.641	2	-0.768	5	0.009	2	0	1	0.064	2	1.403	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1319		5	max	46.752	6	-0.187	2	0.047	6	0	23	0.465	6	7.679	5
1320			min	8.641	2	-0.768	5	0.009	2	0	1	0.086	2	1.87	2
1321	M143	1	max	15.78	5	2.736	6	0	7	0	7	0	2	13.499	6
1322			min	3.817	2	0.657	2	0	2	-0.002	5	-0.001	6	3.239	2
1323		2	max	15.75	5	2.736	6	0	7	0	7	0	2	6.658	6
1324			min	3.817	2	0.657	2	0	2	-0.002	5	-0.001	6	1.596	2
1325		3	max	15.72	5	2.736	6	0	7	0	7	0	2	-0.047	2
1326			min	3.817	2	0.657	2	0	2	-0.002	5	-0.001	6	-0.186	5
1327		4	max	15.69	5	2.736	6	0	7	0	7	0	2	-1.69	2
1328			min	3.817	2	0.657	2	0	2	-0.002	5	-0.001	5	-7.025	6
1329		5	max	15.659	5	2.736	6	0	7	0	7	0	2	-3.333	2
1330			min	3.817	2	0.657	2	0	2	-0.002	5	-0.001	5	-13.866	6
1331	M144	1	max	7.408	6	0.013	5	0	2	0	7	0	2	0.065	5
1332			min	1.628	2	0.004	16	0	7	0	2	0	7	0.016	16
1333		2	max	7.384	6	0.013	5	0	2	0	7	0	2	0.027	5
1334			min	1.628	2	0.004	16	0	7	0	2	0	7	0.006	16
1335		3	max	7.359	6	0.013	5	0	2	0	7	0	2	-0.002	2
1336			min	1.628	2	0.004	16	0	7	0	2	0	7	-0.011	6
1337		4	max	7.335	6	0.013	5	0	2	0	7	0	2	-0.014	23
1338			min	1.628	2	0.004	16	0	7	0	2	-0.001	7	-0.048	5
1339		5	max	7.311	6	0.013	5	0	2	0	7	0	2	-0.024	23
1340			min	1.628	2	0.004	16	0	7	0	2	-0.001	7	-0.086	5
1341	M146	1	max	8.63	6	-0.005	23	0	2	0	7	0	2	-0.02	23
1342			min	1.903	2	-0.016	5	0	7	0	2	0	7	-0.075	5
1343		2	max	8.606	6	-0.005	23	0	2	0	7	0	2	-0.007	23
1344			min	1.903	2	-0.016	5	0	7	0	2	0	7	-0.029	5
1345		3	max	8.581	6	-0.005	23	0	2	0	7	0	2	0.018	6
1346			min	1.903	2	-0.016	5	0	7	0	2	0	7	0.004	2
1347		4	max	8.557	6	-0.005	23	0	2	0	7	0	2	0.063	5
1348			min	1.903	2	-0.016	5	0	7	0	2	0	7	0.019	2
1349		5	max	8.533	6	-0.005	23	0	2	0	7	0	2	0.11	5
1350			min	1.903	2	-0.016	5	0	7	0	2	0	7	0.033	16
1351	M147	1	max	-8.71	2	0.13	15	0	23	0	7	0	23	0	23
1352			min	-35.72	5	0	2	0	1	0	2	0	1	0	1
1353		2	max	-8.71	2	0.065	15	0	23	0	7	0	23	0	2
1354			min	-35.679	5	0	2	0	1	0	2	0	1	-0.413	8
1355		3	max	-8.71	2	0	23	0	23	0	7	0	23	0	2
1356			min	-35.638	5	0	1	0	1	0	2	0	1	-0.551	8
1357		4	max	-8.71	2	0	2	0	23	0	7	0	23	0	2
1358			min	-35.597	5	-0.065	4	0	1	0	2	0	1	-0.413	8
1359		5	max	-8.71	2	0	2	0	23	0	7	0	23	0	23
1360			min	-35.556	5	-0.13	4	0	1	0	2	0	1	0	1
1361	M148	1	max	10.884	7	-0.277	2	0.003	5	0	23	-0.005	2	-2.9	2
1362			min	0.17	2	-1.128	5	0	2	0	1	-0.029	5	-11.807	5
1363		2	max	10.582	7	-0.277	2	0.003	5	0	23	-0.004	2	-2.173	2
1364			min	0.17	2	-1.128	5	0	2	0	1	-0.022	5	-8.847	5
1365		3	max	10.279	7	-0.277	2	0.003	5	0	23	-0.003	2	-1.446	2
1366			min	0.17	2	-1.128	5	0	2	0	1	-0.015	5	-5.887	5
1367		4	max	9.977	7	-0.277	2	0.003	5	0	23	-0.001	2	-0.719	2
1368			min	0.17	2	-1.128	5	0	2	0	1	-0.007	5	-2.927	5
1369		5	max	9.675	7	-0.277	2	0.003	5	0	23	0	7	0.033	6
1370			min	0.17	2	-1.128	5	0	2	0	1	0	2	0.008	2
1371	M149	1	max	-2.275	2	5.196	6	0	2	0	2	0	7	0.91	6
1372			min	-9.125	5	1.283	2	0	7	-0.001	7	0	2	0.222	2
1373		2	max	-2.275	2	5.167	6	0	2	0	2	0	7	-1.335	2
1374			min	-9.125	5	1.283	2	0	7	-0.001	7	0	2	-5.379	5
1375		3	max	-2.275	2	5.138	6	0	2	0	2	0	7	-2.893	2
1376			min	-9.125	5	1.283	2	0	7	-0.001	7	0	2	-11.632	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1377		4	max	-2.275	2	-1.957	2	0	2	0	2	0	7	-2.374	2
1378			min	-9.125	5	-7.851	5	0	7	-0.001	7	0	2	-9.546	5
1379		5	max	-2.275	2	-1.957	2	0	2	0	2	0	23	0	23
1380			min	-9.125	5	-7.881	5	0	7	-0.001	7	0	1	0	1
1381	M150	1	max	14.798	6	0.22	15	0	23	0	2	0	23	0	23
1382			min	3.047	2	0	2	0	1	-0.003	7	0	1	0	1
1383		2	max	14.729	6	0.11	15	0	23	0	2	0	23	0	2
1384			min	3.047	2	0	2	0	1	-0.003	7	0	1	-0.698	8
1385		3	max	14.661	6	0	23	0	23	0	2	0	23	0	2
1386			min	3.047	2	0	1	0	1	-0.003	7	0	1	-0.93	8
1387		4	max	14.592	6	0	2	0	23	0	2	0	23	0	2
1388			min	3.047	2	-0.11	4	0	1	-0.003	7	0	1	-0.698	8
1389		5	max	14.523	6	0	2	0	23	0	2	0	23	0	23
1390			min	3.047	2	-0.22	4	0	1	-0.003	7	0	1	0	1
1391	M151	1	max	18.445	5	-0.008	2	0	7	0	2	0	2	-0.042	2
1392			min	4.391	2	-0.03	5	0	2	0	7	0	7	-0.147	5
1393		2	max	18.424	5	-0.008	2	0	7	0	2	0	7	-0.021	2
1394			min	4.391	2	-0.03	5	0	2	0	7	0	2	-0.073	5
1395		3	max	18.403	5	-0.008	2	0	7	0	2	0	7	0.003	7
1396			min	4.391	2	-0.03	5	0	2	0	7	0	2	0	2
1397		4	max	18.382	5	-0.008	2	0	7	0	2	0	7	0.075	6
1398			min	4.391	2	-0.03	5	0	2	0	7	0	2	0.021	2
1399		5	max	18.361	5	-0.008	2	0	7	0	2	0.001	7	0.149	6
1400			min	4.391	2	-0.03	5	0	2	0	7	0	2	0.042	2
1401	M152	1	max	1.789	5	21.613	6	0	23	0	2	0	23	0	23
1402			min	0.148	7	5.354	2	0	1	0	7	0	1	0	1
1403		2	max	1.789	5	21.514	6	0	23	0	2	0	23	-18.293	2
1404			min	0.148	7	5.354	2	0	1	0	7	0	1	-73.678	5
1405		3	max	1.789	5	-1.126	2	0	23	0	2	0	23	-24.841	2
1406			min	0.148	7	-4.504	5	0	1	0	7	0	1	-100.039	5
1407		4	max	1.789	5	-4.366	2	0	23	0	2	0	23	-18.631	2
1408			min	0.148	7	-17.563	5	0	1	0	7	0	1	-75.029	5
1409		5	max	1.789	5	-7.606	2	0	23	0	2	0	23	0	23
1410			min	0.148	7	-30.622	5	0	1	0	7	0	1	0	1
1411	M153	1	max	20.741	5	7.817	6	0	2	0	7	0	23	0	23
1412			min	4.987	2	1.935	2	0	7	0	2	0	1	0	1
1413		2	max	20.741	5	7.788	6	0	2	0	7	0	2	-2.348	2
1414			min	4.987	2	1.935	2	0	7	0	2	0	7	-9.469	6
1415		3	max	20.741	5	-1.305	2	0	2	0	7	0	2	-2.839	2
1416			min	4.987	2	-5.207	5	0	7	0	2	0	7	-11.475	6
1417		4	max	20.741	5	-1.305	2	0	2	0	7	0	2	-1.255	2
1418			min	4.987	2	-5.236	5	0	7	0	2	0	7	-5.146	6
1419		5	max	20.741	5	-1.305	2	0	2	0	7	0	2	1.247	5
1420			min	4.987	2	-5.265	5	0	7	0	2	0	7	0.329	2
1421	M154	1	max	20.983	5	4.973	5	0	7	0	2	0	5	-0.02	2
1422			min	5.038	2	1.233	2	0	5	0	7	0	7	-0.278	7
1423		2	max	20.983	5	4.944	5	0	7	0	2	0	5	-1.517	2
1424			min	5.038	2	1.233	2	0	5	0	7	0	7	-6.22	6
1425		3	max	20.983	5	4.915	5	0	7	0	2	0	5	-3.014	2
1426			min	5.038	2	1.233	2	0	5	0	7	0	7	-12.192	6
1427		4	max	20.983	5	-2.007	2	0	7	0	2	0	5	-2.435	2
1428			min	5.038	2	-8.082	6	0	5	0	7	0	7	-9.826	6
1429		5	max	20.983	5	-2.007	2	0	7	0	2	0	23	0	23
1430			min	5.038	2	-8.111	6	0	5	0	7	0	1	0	1
1431	M155	1	max	21.245	5	30.62	6	0	23	0	7	0	23	0	23
1432			min	5.117	2	7.606	2	0	1	0	2	0	1	0	1
1433		2	max	21.245	5	17.561	6	0	23	0	7	0	23	-18.628	2
1434			min	5.117	2	4.366	2	0	1	0	2	0	1	-75.02	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1435		3	max	21.245	5	4.503	6	0	23	0	7	0	23	-24.838	2
1436			min	5.117	2	1.126	2	0	1	0	2	0	1	-100.026	5
1437		4	max	21.245	5	-5.354	2	0	23	0	7	0	23	-18.293	2
1438			min	5.117	2	-21.516	5	0	1	0	2	0	1	-73.678	5
1439		5	max	21.245	5	-5.354	2	0	23	0	7	0	23	0	23
1440			min	5.117	2	-21.615	5	0	1	0	2	0	1	0	1
1441	M156	1	max	-3.146	2	21.965	6	0	23	0.005	7	0	23	0	23
1442			min	-15.544	6	5.354	2	0	1	0	2	0	1	0	1
1443		2	max	-3.146	2	21.691	6	0	23	0.005	7	0	23	-18.293	2
1444			min	-15.544	6	5.354	2	0	1	0	2	0	1	-74.581	5
1445		3	max	-3.146	2	-1.126	2	0	23	0.005	7	0	23	-24.841	2
1446			min	-15.544	6	-4.504	5	0	1	0	2	0	1	-101.243	5
1447		4	max	-3.146	2	-4.366	2	0	23	0.005	7	0	23	-18.631	2
1448			min	-15.544	6	-17.739	5	0	1	0	2	0	1	-75.932	5
1449		5	max	-3.146	2	-7.606	2	0	23	0.005	7	0	23	0	23
1450			min	-15.544	6	-30.974	5	0	1	0	2	0	1	0	1
1451	M157	1	max	-0.075	2	0.219	6	0	2	0	2	0	7	1.499	5
1452			min	-0.344	6	0.028	2	0	7	0	7	0	2	0.371	2
1453		2	max	-0.075	2	0.168	6	0	2	0	2	0	7	1.091	5
1454			min	-0.344	6	0.028	2	0	7	0	7	0	2	0.312	2
1455		3	max	-0.075	2	0.117	6	0	2	0	2	0	2	0.792	5
1456			min	-0.344	6	0.028	2	0	7	0	7	0	7	0.227	16
1457		4	max	-0.075	2	0.066	6	0	2	0	2	0	2	0.602	5
1458			min	-0.344	6	0.011	16	0	7	0	7	0	7	0.171	16
1459		5	max	-0.075	2	0.028	2	0	2	0	2	0	2	0.522	5
1460			min	-0.344	6	-0.037	4	0	7	0	7	0	7	0.134	2
1461	M158	1	max	-8.084	2	0.029	15	0	23	0.001	7	0	23	0	23
1462			min	-33.638	5	0	2	0	1	0	2	0	1	0	1
1463		2	max	-8.084	2	0.014	15	0	23	0.001	7	0	23	0	2
1464			min	-33.612	5	0	2	0	1	0	2	0	1	-0.06	4
1465		3	max	-8.084	2	0	23	0	23	0.001	7	0	23	0	2
1466			min	-33.587	5	0	1	0	1	0	2	0	1	-0.08	4
1467		4	max	-8.084	2	0	2	0	23	0.001	7	0	23	0	2
1468			min	-33.561	5	-0.014	4	0	1	0	2	0	1	-0.06	4
1469		5	max	-8.084	2	0	2	0	23	0.001	7	0	23	0	23
1470			min	-33.536	5	-0.029	4	0	1	0	2	0	1	0	1
1471	M159	1	max	13.461	5	5.17	5	0	7	0	7	0	2	0.782	5
1472			min	3.253	2	1.281	2	0	2	0	2	0	7	0.211	2
1473		2	max	13.461	5	5.141	5	0	7	0	7	0	2	-1.344	2
1474			min	3.253	2	1.281	2	0	2	0	2	0	7	-5.499	6
1475		3	max	13.461	5	5.111	5	0	7	0	7	0	2	-2.898	2
1476			min	3.253	2	1.281	2	0	2	0	2	0	7	-11.712	6
1477		4	max	13.461	5	-1.959	2	0	7	0	7	0	2	-2.377	2
1478			min	3.253	2	-7.884	6	0	2	0	2	0	7	-9.586	6
1479		5	max	13.461	5	-1.959	2	0	7	0	7	0	23	0	23
1480			min	3.253	2	-7.914	6	0	2	0	2	0	1	0	1
1481	M160	1	max	26.265	5	30.62	6	0	23	0	2	0	23	0	23
1482			min	6.414	2	7.606	2	0	1	0	7	0	1	0	1
1483		2	max	26.265	5	17.561	6	0	23	0	2	0	23	-18.628	2
1484			min	6.414	2	4.366	2	0	1	0	7	0	1	-75.02	5
1485		3	max	26.265	5	4.503	6	0	23	0	2	0	23	-24.838	2
1486			min	6.414	2	1.126	2	0	1	0	7	0	1	-100.026	5
1487		4	max	26.265	5	-5.354	2	0	23	0	2	0	23	-18.293	2
1488			min	6.414	2	-21.516	5	0	1	0	7	0	1	-73.678	5
1489		5	max	26.265	5	-5.354	2	0	23	0	2	0	23	0	23
1490			min	6.414	2	-21.615	5	0	1	0	7	0	1	0	1
1491	M161	1	max	-8.244	2	21.965	6	0	23	0	2	0	23	0	23
1492			min	-35.383	6	5.354	2	0	1	-0.023	7	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1493		2	max	-8.244	2	21.691	6	0	23	0	2	0	23	-18.293	2
1494			min	-35.383	6	5.354	2	0	1	-0.023	7	0	1	-74.581	5
1495		3	max	-8.244	2	-1.126	2	0	23	0	2	0	23	-24.841	2
1496			min	-35.383	6	-4.504	5	0	1	-0.023	7	0	1	-101.243	5
1497		4	max	-8.244	2	-4.366	2	0	23	0	2	0	23	-18.631	2
1498			min	-35.383	6	-17.739	5	0	1	-0.023	7	0	1	-75.932	5
1499		5	max	-8.244	2	-7.606	2	0	23	0	2	0	23	0	23
1500			min	-35.383	6	-30.974	5	0	1	-0.023	7	0	1	0	1
1501	M162	1	max	5.672	5	30.62	6	0	23	0	7	0	23	0	23
1502			min	1.386	2	7.606	2	0	1	0	2	0	1	0	1
1503		2	max	5.672	5	17.561	6	0	23	0	7	0	23	-18.628	2
1504			min	1.386	2	4.366	2	0	1	0	2	0	1	-75.02	5
1505		3	max	5.672	5	4.503	6	0	23	0	7	0	23	-24.838	2
1506			min	1.386	2	1.126	2	0	1	0	2	0	1	-100.026	5
1507		4	max	5.672	5	-5.354	2	0	23	0	7	0	23	-18.293	2
1508			min	1.386	2	-21.516	5	0	1	0	2	0	1	-73.678	5
1509		5	max	5.672	5	-5.354	2	0	23	0	7	0	23	0	23
1510			min	1.386	2	-21.615	5	0	1	0	2	0	1	0	1
1511	M163	1	max	19.667	7	1.832	5	0.029	6	0	23	-0.061	2	6.499	5
1512			min	2.518	2	0.452	2	0.006	2	0	1	-0.319	6	1.618	2
1513		2	max	19.379	7	1.832	5	0.029	6	0	23	-0.047	2	1.918	5
1514			min	2.518	2	0.452	2	0.006	2	0	1	-0.246	6	0.487	2
1515		3	max	19.092	7	1.832	5	0.029	6	0	23	-0.033	2	-0.643	2
1516			min	2.518	2	0.452	2	0.006	2	0	1	-0.172	6	-2.673	6
1517		4	max	18.804	7	1.832	5	0.029	6	0	23	-0.019	2	-1.774	2
1518			min	2.518	2	0.452	2	0.006	2	0	1	-0.099	6	-7.244	5
1519		5	max	18.516	7	1.832	5	0.029	6	0	23	-0.005	2	-2.905	2
1520			min	2.518	2	0.452	2	0.006	2	0	1	-0.028	5	-11.825	5
1521	M164	1	max	-6.616	2	0.023	15	0	23	0	2	0	23	0	23
1522			min	-28.429	6	0	2	0	1	0	7	0	1	0	1
1523		2	max	-6.616	2	0.012	15	0	23	0	2	0	23	0	2
1524			min	-28.406	6	0	2	0	1	0	7	0	1	-0.054	8
1525		3	max	-6.616	2	0	23	0	23	0	2	0	23	0	2
1526			min	-28.383	6	0	1	0	1	0	7	0	1	-0.072	8
1527		4	max	-6.616	2	0	2	0	23	0	2	0	23	0	2
1528			min	-28.359	6	-0.012	4	0	1	0	7	0	1	-0.054	8
1529		5	max	-6.616	2	0	2	0	23	0	2	0	23	0	23
1530			min	-28.336	6	-0.023	4	0	1	0	7	0	1	0	1
1531	M165	1	max	-7.578	2	0.065	15	0	23	0	6	0	23	0	23
1532			min	-31.534	6	0	2	0	1	0	2	0	1	0	1
1533		2	max	-7.578	2	0.033	15	0	23	0	6	0	23	0	2
1534			min	-31.511	6	0	2	0	1	0	2	0	1	-0.218	8
1535		3	max	-7.578	2	0	23	0	23	0	6	0	23	0	2
1536			min	-31.487	6	0	1	0	1	0	2	0	1	-0.291	8
1537		4	max	-7.578	2	0	2	0	23	0	6	0	23	0	2
1538			min	-31.464	6	-0.033	4	0	1	0	2	0	1	-0.218	8
1539		5	max	-7.578	2	0	2	0	23	0	6	0	23	0	23
1540			min	-31.44	6	-0.065	4	0	1	0	2	0	1	0	1
1541	M167	1	max	-0.301	2	4.398	7	0	23	0	2	0	23	0	23
1542			min	-1.224	5	0	2	0	1	-0.002	7	0	1	0	1
1543		2	max	-0.301	2	2.199	7	0	23	0	2	0	23	0	2
1544			min	-1.224	5	0	2	0	1	-0.002	7	0	1	-11.271	7
1545		3	max	-0.301	2	0	23	0	23	0	2	0	23	0	2
1546			min	-1.224	5	0	1	0	1	-0.002	7	0	1	-15.028	7
1547		4	max	-0.301	2	0	2	0	23	0	2	0	23	0	2
1548			min	-1.224	5	-2.199	7	0	1	-0.002	7	0	1	-11.271	7
1549		5	max	-0.301	2	0	2	0	23	0	2	0	23	0	23
1550			min	-1.224	5	-4.398	7	0	1	-0.002	7	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1551	M170	1	max	-0.208	2	0.015	6	7.995	6	0	2	-2.725	2	0.021	6
1552			min	-0.854	6	0.003	2	1.923	2	0	8	-11.42	6	0.004	2
1553		2	max	-0.208	2	0.015	6	8.027	6	0	2	-2.044	2	0.016	6
1554			min	-0.854	6	0.003	2	1.923	2	0	8	-8.582	6	0.003	2
1555		3	max	-0.208	2	0.015	6	8.059	6	0	2	-1.362	2	0.01	6
1556			min	-0.854	6	0.003	2	1.923	2	0	8	-5.733	6	0.002	2
1557		4	max	-0.208	2	0.015	6	8.091	6	0	2	-0.681	2	0.005	6
1558			min	-0.854	6	0.003	2	1.923	2	0	8	-2.872	6	0.001	2
1559		5	max	-0.208	2	0.015	6	8.124	6	0	2	0	23	0	23
1560			min	-0.854	6	0.003	2	1.923	2	0	8	0	1	0	1
1561	M171	1	max	-0.43	2	-0.003	2	17.461	6	0	2	-5.948	2	-0.004	2
1562			min	-1.726	5	-0.016	6	4.198	2	-0.003	6	-24.834	6	-0.022	6
1563		2	max	-0.43	2	-0.003	2	17.493	6	0	2	-4.461	2	-0.003	2
1564			min	-1.726	5	-0.016	6	4.198	2	-0.003	6	-18.642	6	-0.017	6
1565		3	max	-0.43	2	-0.003	2	17.526	6	0	2	-2.974	2	-0.002	2
1566			min	-1.726	5	-0.016	6	4.198	2	-0.003	6	-12.44	6	-0.011	6
1567		4	max	-0.43	2	-0.003	2	17.558	6	0	2	-1.487	2	-0.001	2
1568			min	-1.726	5	-0.016	6	4.198	2	-0.003	6	-6.226	6	-0.006	6
1569		5	max	-0.43	2	-0.003	2	17.59	6	0	2	0	23	0	23
1570			min	-1.726	5	-0.016	6	4.198	2	-0.003	6	0	1	0	1
1571	M172	1	max	2.952	5	0.001	5	9.719	6	0.002	5	-3.333	2	0.002	5
1572			min	0.729	2	0	7	2.352	2	0	2	-13.863	6	0	7
1573		2	max	2.952	5	0.001	5	9.751	6	0.002	5	-2.499	2	0.001	5
1574			min	0.729	2	0	7	2.352	2	0	2	-10.415	6	0	7
1575		3	max	2.952	5	0.001	5	9.784	6	0.002	5	-1.666	2	0.001	5
1576			min	0.729	2	0	7	2.352	2	0	2	-6.955	6	0	7
1577		4	max	2.952	5	0.001	5	9.816	6	0.002	5	-0.833	2	0	5
1578			min	0.729	2	0	7	2.352	2	0	2	-3.483	6	0	7
1579		5	max	2.952	5	0.001	5	9.848	6	0.002	5	0	23	0	23
1580			min	0.729	2	0	7	2.352	2	0	2	0	1	0	1
1581	M173	1	max	92.05	6	0	23	0	7	0	2	0	2	0	23
1582			min	20.203	2	0	1	0	2	-0.001	7	0	7	0	1
1583		2	max	91.941	6	0	23	0	7	0	2	0	7	0	23
1584			min	20.203	2	0	1	0	2	-0.001	7	0	2	0	1
1585		3	max	91.832	6	0	23	0	7	0	2	0.001	7	0	23
1586			min	20.203	2	0	1	0	2	-0.001	7	0	2	0	1
1587		4	max	91.722	6	0	23	0	7	0	2	0.001	7	0	23
1588			min	20.203	2	0	1	0	2	-0.001	7	0	2	0	1
1589		5	max	91.613	6	0	23	0	7	0	2	0.001	7	0	23
1590			min	20.203	2	0	1	0	2	-0.001	7	0	2	0	1
1591	M174	1	max	21.838	6	0.22	15	0	23	0.001	7	0	23	0	23
1592			min	4.897	2	0	2	0	1	0	2	0	1	0	1
1593		2	max	21.758	6	0.11	15	0	23	0.001	7	0	23	0	2
1594			min	4.897	2	0	2	0	1	0	2	0	1	-0.736	4
1595		3	max	21.679	6	0	23	0	23	0.001	7	0	23	0	2
1596			min	4.897	2	0	1	0	1	0	2	0	1	-0.981	4
1597		4	max	21.6	6	0	2	0	23	0.001	7	0	23	0	2
1598			min	4.897	2	-0.11	4	0	1	0	2	0	1	-0.736	4
1599		5	max	21.521	6	0	2	0	23	0.001	7	0	23	0	23
1600			min	4.897	2	-0.22	4	0	1	0	2	0	1	0	1
1601	M175	1	max	166.33	6	-0.009	2	0.019	7	0.001	7	0	2	0	23
1602			min	37.094	2	-0.034	5	0	2	0	2	0	7	0	1
1603		2	max	166.129	6	-0.009	2	0.019	7	0.001	7	0.048	7	0.084	5
1604			min	37.094	2	-0.034	5	0	2	0	2	0	2	0.023	2
1605		3	max	165.928	6	-0.009	2	0.019	7	0.001	7	0.096	7	0.169	5
1606			min	37.094	2	-0.034	5	0	2	0	2	0	2	0.046	2
1607		4	max	165.727	6	-0.009	2	0.019	7	0.001	7	0.144	7	0.253	5
1608			min	37.094	2	-0.034	5	0	2	0	2	0	2	0.069	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1609		5	max	165.526	6	-0.009	2	0.019	7	0.001	7	0.192	7	0.337	5
1610			min	37.094	2	-0.034	5	0	2	0	2	0	2	0.092	2
1611	M176	1	max	226.125	6	-0.048	2	0.003	7	0	2	0	23	0	23
1612			min	52.007	2	-0.195	5	0	2	0	6	0	1	0	1
1613		2	max	225.924	6	-0.048	2	0.003	7	0	2	0.008	7	0.488	5
1614			min	52.007	2	-0.195	5	0	2	0	6	0	2	0.121	2
1615		3	max	225.723	6	-0.048	2	0.003	7	0	2	0.015	7	0.976	5
1616			min	52.007	2	-0.195	5	0	2	0	6	0	2	0.241	2
1617		4	max	225.522	6	-0.048	2	0.003	7	0	2	0.023	7	1.464	5
1618			min	52.007	2	-0.195	5	0	2	0	6	0	2	0.362	2
1619		5	max	225.321	6	-0.048	2	0.003	7	0	2	0.031	7	1.951	5
1620			min	52.007	2	-0.195	5	0	2	0	6	0	2	0.482	2
1621	M177	1	max	100.23	6	0.092	5	0.044	7	0	4	-0.001	2	0.294	5
1622			min	21.741	2	0.023	2	0	2	0	7	-0.107	7	0.075	2
1623		2	max	100.125	6	0.092	5	0.044	7	0	4	0.004	7	0.063	5
1624			min	21.741	2	0.023	2	0	2	0	7	0	2	0.017	2
1625		3	max	100.02	6	0.092	5	0.044	7	0	4	0.115	7	-0.04	2
1626			min	21.741	2	0.023	2	0	2	0	7	0.001	2	-0.169	6
1627		4	max	99.915	6	0.092	5	0.044	7	0	4	0.225	7	-0.097	2
1628			min	21.741	2	0.023	2	0	2	0	7	0.002	2	-0.398	5
1629		5	max	99.81	6	0.092	5	0.044	7	0	4	0.336	7	-0.155	2
1630			min	21.741	2	0.023	2	0	2	0	7	0.003	2	-0.629	5
1631	M178	1	max	13.524	6	0.114	4	0	23	0	2	0	23	0	23
1632			min	3.127	2	0	2	0	1	0	7	0	1	0	1
1633		2	max	13.488	6	0.057	4	0	23	0	2	0	23	0	2
1634			min	3.127	2	0	2	0	1	0	7	0	1	-0.362	4
1635		3	max	13.453	6	0	23	0	23	0	2	0	23	0	2
1636			min	3.127	2	0	1	0	1	0	7	0	1	-0.482	4
1637		4	max	13.417	6	0	2	0	23	0	2	0	23	0	2
1638			min	3.127	2	-0.057	8	0	1	0	7	0	1	-0.362	4
1639		5	max	13.381	6	0	2	0	23	0	2	0	23	0	23
1640			min	3.127	2	-0.114	8	0	1	0	7	0	1	0	1
1641	M179	1	max	13.164	6	0.114	15	0	23	0	7	0	23	0	23
1642			min	2.88	2	0	2	0	1	0	2	0	1	0	1
1643		2	max	13.128	6	0.057	15	0	23	0	7	0	23	0	2
1644			min	2.88	2	0	2	0	1	0	2	0	1	-0.362	8
1645		3	max	13.093	6	0	23	0	23	0	7	0	23	0	2
1646			min	2.88	2	0	1	0	1	0	2	0	1	-0.482	8
1647		4	max	13.057	6	0	2	0	23	0	7	0	23	0	2
1648			min	2.88	2	-0.057	4	0	1	0	2	0	1	-0.362	8
1649		5	max	13.021	6	0	2	0	23	0	7	0	23	0	23
1650			min	2.88	2	-0.114	4	0	1	0	2	0	1	0	1
1651	M180	1	max	10.796	6	0.114	4	0	23	0	2	0	23	0	23
1652			min	2.371	2	0	2	0	1	0	7	0	1	0	1
1653		2	max	10.837	6	0.057	4	0	23	0	2	0	23	0	2
1654			min	2.371	2	0	2	0	1	0	7	0	1	-0.382	4
1655		3	max	10.878	6	0	23	0	23	0	2	0	23	0	2
1656			min	2.371	2	0	1	0	1	0	7	0	1	-0.509	4
1657		4	max	10.919	6	0	2	0	23	0	2	0	23	0	2
1658			min	2.371	2	-0.057	8	0	1	0	7	0	1	-0.382	4
1659		5	max	10.96	6	0	2	0	23	0	2	0	23	0	23
1660			min	2.371	2	-0.114	8	0	1	0	7	0	1	0	1
1661	M181	1	max	2.763	7	0	23	0	2	0	7	0	23	0	23
1662			min	0.338	2	0	1	-0.098	8	0	2	0	1	0	1
1663		2	max	2.794	7	0	23	0	2	0	7	0	2	0	23
1664			min	0.338	2	0	1	-0.049	8	0	2	-0.31	8	0	1
1665		3	max	2.825	7	0	23	0	23	0	7	0	2	0	23
1666			min	0.338	2	0	1	0	1	0	2	-0.413	8	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1667		4	max	2.855	7	0	23	0.049	4	0	7	0	2	0	23
1668			min	0.338	2	0	1	0	2	0	2	-0.31	8	0	1
1669		5	max	2.886	7	0	23	0.098	4	0	7	0	23	0	23
1670			min	0.338	2	0	1	0	2	0	2	0	1	0	1
1671	M182	1	max	40.953	6	0	23	0	7	0	23	0	2	0	23
1672			min	7.534	2	0	1	0	1	0	1	0	6	0	1
1673		2	max	40.914	6	0	23	0	7	0	23	0	2	0	23
1674			min	7.534	2	0	1	0	1	0	1	0	5	0	1
1675		3	max	40.875	6	0	23	0	7	0	23	0	7	0	23
1676			min	7.534	2	0	1	0	1	0	1	0	5	0	1
1677		4	max	40.836	6	0	23	0	7	0	23	0	7	0	23
1678			min	7.534	2	0	1	0	1	0	1	0	5	0	1
1679		5	max	40.797	6	0	23	0	7	0	23	0	7	0	23
1680			min	7.534	2	0	1	0	1	0	1	0	5	0	1
1681	M183	1	max	0.464	7	8.252	6	0	2	0	2	0	23	0	23
1682			min	-0.483	5	1.971	2	0	7	0	7	0	1	0	1
1683		2	max	0.464	7	8.223	6	0	2	0	2	0	2	-2.391	2
1684			min	-0.483	5	1.971	2	0	7	0	7	0	7	-9.996	6
1685		3	max	0.464	7	-1.269	2	0	2	0	2	0	2	-2.926	2
1686			min	-0.483	5	-4.767	5	0	7	0	7	0	7	-12.529	6
1687		4	max	0.464	7	-1.269	2	0	2	0	2	0	2	-1.385	2
1688			min	-0.483	5	-4.796	5	0	7	0	7	0	7	-6.727	6
1689		5	max	0.464	7	-1.269	2	0	2	0	2	0	2	0.155	2
1690			min	-0.483	5	-4.825	5	0	7	0	7	0	7	-1.325	4
1691	M184	1	max	70.415	6	0	23	0	5	0	23	0	2	0	23
1692			min	14.508	2	0	1	0	2	0	1	0	6	0	1
1693		2	max	70.374	6	0	23	0	5	0	23	0	5	0	23
1694			min	14.508	2	0	1	0	2	0	1	0	7	0	1
1695		3	max	70.333	6	0	23	0	5	0	23	0	5	0	23
1696			min	14.508	2	0	1	0	2	0	1	0	16	0	1
1697		4	max	70.292	6	0	23	0	5	0	23	0	5	0	23
1698			min	14.508	2	0	1	0	2	0	1	0	16	0	1
1699		5	max	70.251	6	0	23	0	5	0	23	0	5	0	23
1700			min	14.508	2	0	1	0	2	0	1	0	2	0	1
1701	M185	1	max	17.325	5	8.323	6	0	7	0	4	0	23	0	23
1702			min	3.259	2	1.959	2	0	2	0	2	0	1	0	1
1703		2	max	17.325	5	8.294	6	0	7	0	4	0	7	-2.377	2
1704			min	3.259	2	1.959	2	0	2	0	2	0	2	-10.082	6
1705		3	max	17.325	5	-1.281	2	0	7	0	4	0	7	-2.897	2
1706			min	3.259	2	-4.709	5	0	2	0	2	0	2	-12.702	6
1707		4	max	17.325	5	-1.281	2	0	7	0	4	0	7	-1.342	2
1708			min	3.259	2	-4.738	5	0	2	0	2	0	2	-6.986	6
1709		5	max	17.325	5	-1.281	2	0	7	0	4	0	7	0.213	2
1710			min	3.259	2	-4.767	5	0	2	0	2	0	2	-1.762	4
1711	M186	1	max	37.45	7	0.015	5	0	5	0	2	0	7	0.158	5
1712			min	0.497	2	0.003	2	0	7	0	4	0	5	0.03	2
1713		2	max	37.352	7	0.015	5	0	5	0	2	0	5	0.118	5
1714			min	0.497	2	0.003	2	0	7	0	4	0	7	0.022	2
1715		3	max	37.254	7	0.015	5	0	5	0	2	0	5	0.079	5
1716			min	0.497	2	0.003	2	0	7	0	4	0	7	0.015	2
1717		4	max	37.156	7	0.015	5	0	5	0	2	0	5	0.039	5
1718			min	0.497	2	0.003	2	0	7	0	4	-0.001	7	0.007	2
1719		5	max	37.058	7	0.015	5	0	5	0	2	0.001	5	0	2
1720			min	0.497	2	0.003	2	0	7	0	4	-0.001	7	0	6
1721	M187	1	max	17.075	5	3.413	6	0	2	-0.001	2	0.001	6	16.899	6
1722			min	4.119	2	0.801	2	0	5	-0.004	5	0	2	3.962	2
1723		2	max	17.045	5	3.413	6	0	2	-0.001	2	0.001	6	8.366	6
1724			min	4.119	2	0.801	2	0	5	-0.004	5	0	2	1.959	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1725		3	max	17.015	5	3.413	6	0	2	-0.001	2	0	7	-0.043	2
1726			min	4.119	2	0.801	2	0	5	-0.004	5	0	2	-0.17	5
1727		4	max	16.984	5	3.413	6	0	2	-0.001	2	0	23	-2.046	2
1728			min	4.119	2	0.801	2	0	5	-0.004	5	0	5	-8.699	6
1729		5	max	16.954	5	3.413	6	0	2	-0.001	2	0	2	-4.049	2
1730			min	4.119	2	0.801	2	0	5	-0.004	5	-0.001	5	-17.232	6
1731	M188	1	max	-0.134	2	5.882	7	0	23	0.001	7	0	23	0	23
1732			min	-0.788	6	0	2	0	1	-0.001	5	0	1	0	1
1733		2	max	-0.134	2	2.941	7	0	23	0.001	7	0	23	0	2
1734			min	-0.788	6	0	2	0	1	-0.001	5	0	1	-20.127	7
1735		3	max	-0.134	2	0	23	0	23	0.001	7	0	23	0	2
1736			min	-0.788	6	0	1	0	1	-0.001	5	0	1	-26.837	7
1737		4	max	-0.134	2	0	2	0	23	0.001	7	0	23	0	2
1738			min	-0.788	6	-2.941	7	0	1	-0.001	5	0	1	-20.127	7
1739		5	max	-0.134	2	0	2	0	23	0.001	7	0	23	0	23
1740			min	-0.788	6	-5.882	7	0	1	-0.001	5	0	1	0	1
1741	M189	1	max	1.503	5	-0.018	2	0	2	0	2	0	4	-0.449	2
1742			min	0.266	7	-0.281	8	0	4	0	6	0	2	-3.654	6
1743		2	max	1.503	5	-0.018	2	0	2	0	2	0	4	-0.41	2
1744			min	0.266	7	-0.341	8	0	4	0	6	0	2	-3.025	6
1745		3	max	1.503	5	-0.018	2	0	2	0	2	0	4	-0.372	2
1746			min	0.266	7	-0.401	8	0	4	0	6	0	2	-2.288	6
1747		4	max	1.503	5	-0.018	2	0	2	0	2	0	7	-0.334	2
1748			min	0.266	7	-0.46	8	0	4	0	6	0	2	-1.441	6
1749		5	max	1.503	5	-0.018	2	0	2	0	2	0	6	0.017	4
1750			min	0.266	7	-0.52	8	0	4	0	6	0	16	-0.485	6
1751	M190	1	max	-0.219	2	0.057	2	0	2	0	5	0	7	0.219	2
1752			min	-1.475	5	-0.139	4	0	7	0	7	0	2	-1.637	4
1753		2	max	-0.219	2	0.057	2	0	2	0	5	0	7	0.097	2
1754			min	-1.475	5	-0.199	4	0	7	0	7	0	2	-1.275	4
1755		3	max	-0.219	2	0.057	2	0	2	0	5	0	7	-0.025	2
1756			min	-1.475	5	-0.259	4	0	7	0	7	0	2	-0.814	8
1757		4	max	-0.219	2	0.057	2	0	2	0	5	0	2	-0.085	23
1758			min	-1.475	5	-0.319	4	0	7	0	7	0	7	-0.408	6
1759		5	max	-0.219	2	0.057	2	0	2	0	5	0	2	0.574	4
1760			min	-1.475	5	-0.378	4	0	7	0	7	0	7	-0.269	2
1761	M191	1	max	-7.976	2	0.029	15	0	23	0	2	0	23	0	23
1762			min	-43.188	5	0	2	0	1	0	4	0	1	0	1
1763		2	max	-7.976	2	0.014	15	0	23	0	2	0	23	0	2
1764			min	-43.162	5	0	2	0	1	0	4	0	1	-0.06	8
1765		3	max	-7.976	2	0	23	0	23	0	2	0	23	0	2
1766			min	-43.136	5	0	1	0	1	0	4	0	1	-0.08	8
1767		4	max	-7.976	2	0	2	0	23	0	2	0	23	0	2
1768			min	-43.111	5	-0.014	4	0	1	0	4	0	1	-0.06	8
1769		5	max	-7.976	2	0	2	0	23	0	2	0	23	0	23
1770			min	-43.085	5	-0.029	4	0	1	0	4	0	1	0	1
1771	M193	1	max	52.413	6	1.016	5	-0.005	2	0	23	0.156	6	2.736	5
1772			min	9.729	2	0.26	2	-0.023	6	0	1	0.03	2	0.761	2
1773		2	max	52.125	6	1.016	5	-0.005	2	0	23	0.098	6	0.196	5
1774			min	9.729	2	0.26	2	-0.023	6	0	1	0.017	2	-0.252	7
1775		3	max	51.837	6	1.016	5	-0.005	2	0	23	0.039	6	-0.536	2
1776			min	9.729	2	0.26	2	-0.023	6	0	1	0.005	2	-2.345	5
1777		4	max	51.55	6	1.016	5	-0.005	2	0	23	-0.005	23	-1.185	2
1778			min	9.729	2	0.26	2	-0.023	6	0	1	-0.02	5	-4.885	5
1779		5	max	51.262	6	1.016	5	-0.005	2	0	23	-0.02	2	-1.834	2
1780			min	9.729	2	0.26	2	-0.023	6	0	1	-0.078	5	-7.426	5
1781	M194	1	max	-0.174	2	26.487	6	-0.004	2	0	7	0	23	0	23
1782			min	-0.705	5	6.086	2	-0.015	5	0	5	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1783		2	max	-0.174	2	26.283	6	-0.004	2	0	7	-0.014	2	-20.793	2
1784			min	-0.705	5	6.086	2	-0.015	5	0	5	-0.053	5	-90.144	6
1785		3	max	-0.174	2	8.151	6	-0.004	2	0	7	-0.027	2	-29.347	2
1786			min	-0.705	5	1.766	2	-0.015	5	0	5	-0.105	5	-128.801	6
1787		4	max	-0.174	2	-2.554	2	-0.004	2	0	7	-0.041	2	-25.663	2
1788			min	-0.705	5	-10.197	5	-0.015	5	0	5	-0.158	5	-115.973	6
1789		5	max	-0.174	2	-6.874	2	-0.004	2	0	7	-0.054	2	-9.74	2
1790			min	-0.705	5	-28.329	5	-0.015	5	0	5	-0.211	5	-51.659	6
1791	M195	1	max	-8.553	2	0.13	4	0	23	0	5	0	23	0	23
1792			min	-34.495	5	0	2	0	1	0	7	0	1	0	1
1793		2	max	-8.553	2	0.065	4	0	23	0	5	0	23	0	2
1794			min	-34.454	5	0	2	0	1	0	7	0	1	-0.413	4
1795		3	max	-8.553	2	0	23	0	23	0	5	0	23	0	2
1796			min	-34.413	5	0	1	0	1	0	7	0	1	-0.551	4
1797		4	max	-8.553	2	0	2	0	23	0	5	0	23	0	2
1798			min	-34.372	5	-0.065	8	0	1	0	7	0	1	-0.413	4
1799		5	max	-8.553	2	0	2	0	23	0	5	0	23	0	23
1800			min	-34.332	5	-0.13	8	0	1	0	7	0	1	0	1
1801	M196	1	max	129.342	6	0	23	0	23	0	23	0	23	0	23
1802			min	28.456	2	0	1	0	1	0	1	0	1	0	1
1803		2	max	129.232	6	0	23	0	23	0	23	0	5	0	23
1804			min	28.456	2	0	1	0	1	0	1	0	7	0	1
1805		3	max	129.123	6	0	23	0	23	0	23	0	5	0	23
1806			min	28.456	2	0	1	0	1	0	1	0	7	0	1
1807		4	max	129.014	6	0	23	0	23	0	23	0	5	0	23
1808			min	28.456	2	0	1	0	1	0	1	0	7	0	1
1809		5	max	128.905	6	0	23	0	23	0	23	0	5	0	23
1810			min	28.456	2	0	1	0	1	0	1	0	7	0	1
1811	M197	1	max	99.973	6	0	23	0	23	0	23	0	5	0	23
1812			min	21.482	2	0	1	0	5	0	1	0	16	0	1
1813		2	max	99.906	6	0	23	0	23	0	23	0	7	0	23
1814			min	21.482	2	0	1	0	5	0	1	0	2	0	1
1815		3	max	99.839	6	0	23	0	23	0	23	0	7	0	23
1816			min	21.482	2	0	1	0	5	0	1	0	5	0	1
1817		4	max	99.771	6	0	23	0	23	0	23	0	7	0	23
1818			min	21.482	2	0	1	0	5	0	1	0	5	0	1
1819		5	max	99.704	6	0	23	0	23	0	23	0	7	0	23
1820			min	21.482	2	0	1	0	5	0	1	0	5	0	1
1821	M198	1	max	13.183	7	0	23	0	23	0	23	0	5	0	23
1822			min	0	2	0	1	0	5	0	1	0	7	0	1
1823		2	max	13.144	7	0	23	0	23	0	23	0	5	0	23
1824			min	0	2	0	1	0	5	0	1	0	7	0	1
1825		3	max	13.106	7	0	23	0	23	0	23	0	5	0	23
1826			min	0	2	0	1	0	5	0	1	0	7	0	1
1827		4	max	13.067	7	0	23	0	23	0	23	0	5	0	23
1828			min	0	2	0	1	0	5	0	1	0	7	0	1
1829		5	max	13.028	7	0	23	0	23	0	23	0	5	0	23
1830			min	0	2	0	1	0	5	0	1	0	7	0	1
1831	M199	1	max	286.536	6	-0.025	2	0	2	0	2	0	23	0	23
1832			min	59.432	2	-0.115	6	0	7	0	4	0	1	0	1
1833		2	max	286.392	6	-0.025	2	0	2	0	2	0	2	0.288	6
1834			min	59.432	2	-0.115	6	0	7	0	4	0	7	0.064	2
1835		3	max	286.249	6	-0.025	2	0	2	0	2	0	2	0.576	6
1836			min	59.432	2	-0.115	6	0	7	0	4	0	7	0.127	2
1837		4	max	286.105	6	-0.025	2	0	2	0	2	0	2	0.865	6
1838			min	59.432	2	-0.115	6	0	7	0	4	0	7	0.191	2
1839		5	max	285.961	6	-0.025	2	0	2	0	2	0	2	1.153	6
1840			min	59.432	2	-0.115	6	0	7	0	4	0	7	0.255	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1841	M200	1	max	246.572	6	0.141	6	0	7	0	2	0	2	1.153	6
1842			min	49.729	2	0.032	2	0	2	0	4	0	7	0.255	2
1843		2	max	246.451	6	0.141	6	0	7	0	2	0	2	0.748	5
1844			min	49.729	2	0.032	2	0	2	0	4	0	7	0.164	2
1845		3	max	246.33	6	0.141	6	0	7	0	2	0	7	0.344	5
1846			min	49.729	2	0.032	2	0	2	0	4	0	2	0.072	2
1847		4	max	246.209	6	0.141	6	0	7	0	2	0	7	-0.016	23
1848			min	49.729	2	0.032	2	0	2	0	4	0	2	-0.065	6
1849		5	max	246.088	6	0.141	6	0	7	0	2	0	7	-0.111	2
1850			min	49.729	2	0.032	2	0	2	0	4	0	2	-0.47	6
1851	M201	1	max	162.631	6	-0.008	2	0	2	0	2	0	7	-0.111	2
1852			min	31.095	2	-0.028	6	0	7	0	4	0	2	-0.47	6
1853		2	max	162.538	6	-0.008	2	0	2	0	2	0	7	-0.091	2
1854			min	31.095	2	-0.028	6	0	7	0	4	0	2	-0.4	6
1855		3	max	162.445	6	-0.008	2	0	2	0	2	0	5	-0.072	2
1856			min	31.095	2	-0.028	6	0	7	0	4	0	16	-0.331	5
1857		4	max	162.352	6	-0.008	2	0	2	0	2	0	2	-0.052	2
1858			min	31.095	2	-0.028	6	0	7	0	4	0	7	-0.265	5
1859		5	max	162.259	6	-0.008	2	0	2	0	2	0	2	-0.033	2
1860			min	31.095	2	-0.028	6	0	7	0	4	0	7	-0.199	5
1861	M202	1	max	84.529	6	-0.006	2	0	7	0	2	0	2	-0.033	2
1862			min	14.343	2	-0.034	5	0	5	0	4	0	7	-0.199	5
1863		2	max	84.431	6	-0.006	2	0	7	0	2	0	2	-0.017	2
1864			min	14.343	2	-0.034	5	0	5	0	4	0	7	-0.11	5
1865		3	max	84.333	6	-0.006	2	0	7	0	2	0	7	-0.002	2
1866			min	14.343	2	-0.034	5	0	5	0	4	0	5	-0.021	4
1867		4	max	84.235	6	-0.006	2	0	7	0	2	0	7	0.068	5
1868			min	14.343	2	-0.034	5	0	5	0	4	0	5	0.014	2
1869		5	max	84.138	6	-0.006	2	0	7	0	2	0	7	0.158	5
1870			min	14.343	2	-0.034	5	0	5	0	4	0	5	0.03	2
1871	M203	1	max	353.35	6	-0.064	2	0.001	5	0	6	0	23	0	23
1872			min	79.555	2	-0.28	5	0	7	0	2	0	1	0	1
1873		2	max	353.148	6	-0.064	2	0.001	5	0	6	0.002	5	0.699	5
1874			min	79.555	2	-0.28	5	0	7	0	2	0	7	0.159	2
1875		3	max	352.947	6	-0.064	2	0.001	5	0	6	0.003	5	1.398	5
1876			min	79.555	2	-0.28	5	0	7	0	2	-0.001	7	0.318	2
1877		4	max	352.746	6	-0.064	2	0.001	5	0	6	0.005	5	2.097	5
1878			min	79.555	2	-0.28	5	0	7	0	2	-0.001	7	0.477	2
1879		5	max	352.545	6	-0.064	2	0.001	5	0	6	0.006	5	2.795	5
1880			min	79.555	2	-0.28	5	0	7	0	2	-0.001	7	0.635	2
1881	M204	1	max	313.837	6	0.269	6	0	7	0	6	0.006	5	2.795	5
1882			min	69.883	2	0.06	2	-0.002	5	0	2	-0.001	7	0.635	2
1883		2	max	313.636	6	0.269	6	0	7	0	6	0	7	2.026	5
1884			min	69.883	2	0.06	2	-0.002	5	0	2	-0.001	5	0.462	2
1885		3	max	313.436	6	0.269	6	0	7	0	6	0.001	7	1.256	5
1886			min	69.883	2	0.06	2	-0.002	5	0	2	-0.008	5	0.288	2
1887		4	max	313.235	6	0.269	6	0	7	0	6	0.003	7	0.486	5
1888			min	69.883	2	0.06	2	-0.002	5	0	2	-0.015	5	0.114	2
1889		5	max	313.034	6	0.269	6	0	7	0	6	0.004	7	-0.06	2
1890			min	69.883	2	0.06	2	-0.002	5	0	2	-0.021	5	-0.308	6
1891	M205	1	max	201.563	6	0.039	5	0.009	5	0	5	0.004	7	-0.06	2
1892			min	43.375	2	0.01	7	-0.002	7	0	16	-0.022	5	-0.308	6
1893		2	max	201.458	6	0.039	5	0.009	5	0	5	0.001	5	-0.086	2
1894			min	43.375	2	0.01	7	-0.002	7	0	16	0	7	-0.391	6
1895		3	max	201.353	6	0.039	5	0.009	5	0	5	0.023	5	-0.112	2
1896			min	43.375	2	0.01	7	-0.002	7	0	16	-0.004	7	-0.477	5
1897		4	max	201.247	6	0.039	5	0.009	5	0	5	0.045	5	-0.138	2
1898			min	43.375	2	0.01	7	-0.002	7	0	16	-0.008	7	-0.573	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1899		5	max	201.142	6	0.039	5	0.009	5	0	5	0.068	5	-0.164	2
1900			min	43.375	2	0.01	7	-0.002	7	0	16	-0.012	7	-0.67	5
1901	M206	1	max	97.12	6	0.02	7	0.089	5	0	5	-0.164	2	0.012	7
1902			min	17.909	2	-0.11	5	0.022	2	0	16	-0.67	5	-0.068	5
1903		2	max	96.93	6	0.02	7	0.089	5	0	5	-0.106	2	0.222	5
1904			min	17.909	2	-0.11	5	0.022	2	0	16	-0.436	5	-0.04	7
1905		3	max	96.741	6	0.02	7	0.089	5	0	5	-0.048	2	0.511	5
1906			min	17.909	2	-0.11	5	0.022	2	0	16	-0.202	5	-0.092	7
1907		4	max	96.551	6	0.02	7	0.089	5	0	5	0.031	5	0.801	5
1908			min	17.909	2	-0.11	5	0.022	2	0	16	0.008	16	-0.145	7
1909		5	max	96.361	6	0.02	7	0.089	5	0	5	0.265	5	1.09	5
1910			min	17.909	2	-0.11	5	0.022	2	0	16	0.068	2	-0.197	7
1911	M207	1	max	39.189	7	0.037	2	-0.007	2	0.001	2	0.265	5	-0.14	2
1912			min	2.052	2	-0.268	7	-0.025	5	-0.002	4	0.068	2	-0.772	6
1913		2	max	38.999	7	0.037	2	-0.007	2	0.001	2	0.199	5	-0.033	7
1914			min	2.052	2	-0.268	7	-0.025	5	-0.002	4	0.051	2	-0.73	5
1915		3	max	38.81	7	0.037	2	-0.007	2	0.001	2	0.133	5	0.67	7
1916			min	2.052	2	-0.268	7	-0.025	5	-0.002	4	0.034	2	-0.741	5
1917		4	max	38.62	7	0.037	2	-0.007	2	0.001	2	0.066	5	1.373	7
1918			min	2.052	2	-0.268	7	-0.025	5	-0.002	4	0.017	2	-0.752	5
1919		5	max	38.43	7	0.037	2	-0.007	2	0.001	2	0	6	2.075	7
1920			min	2.052	2	-0.268	7	-0.025	5	-0.002	4	0	2	-0.763	5
1921	M208	1	max	4.116	6	2.532	6	0	2	-0.002	2	0	6	14.642	6
1922			min	0.863	2	0.59	2	0	6	-0.013	6	0	2	3.412	2
1923		2	max	4.082	6	2.532	6	0	2	-0.002	2	0	23	7.362	6
1924			min	0.863	2	0.59	2	0	6	-0.013	6	0	5	1.714	2
1925		3	max	4.047	6	2.532	6	0	2	-0.002	2	0	2	0.082	6
1926			min	0.863	2	0.59	2	0	6	-0.013	6	0	6	0.017	2
1927		4	max	4.012	6	2.532	6	0	2	-0.002	2	0	2	-1.681	2
1928			min	0.863	2	0.59	2	0	6	-0.013	6	-0.001	6	-7.198	6
1929		5	max	3.977	6	2.532	6	0	2	-0.002	2	0	2	-3.378	2
1930			min	0.863	2	0.59	2	0	6	-0.013	6	-0.001	6	-14.478	6
1931	M209	1	max	13.829	6	-0.003	2	0	7	0	5	0	4	-0.029	2
1932			min	1.71	2	-0.026	6	0	16	0	7	0	2	-0.193	6
1933		2	max	13.805	6	-0.003	2	0	7	0	5	0	7	-0.019	2
1934			min	1.71	2	-0.026	6	0	16	0	7	0	2	-0.118	6
1935		3	max	13.781	6	-0.003	2	0	7	0	5	0	7	-0.009	2
1936			min	1.71	2	-0.026	6	0	16	0	7	0	2	-0.044	6
1937		4	max	13.756	6	-0.003	2	0	7	0	5	0	7	0.035	7
1938			min	1.71	2	-0.026	6	0	16	0	7	0	16	0.001	2
1939		5	max	13.732	6	-0.003	2	0	7	0	5	0	7	0.106	7
1940			min	1.71	2	-0.026	6	0	16	0	7	0	16	0.01	2
1941	M210	1	max	31.101	5	0.001	2	0	2	0	7	0	7	0.005	2
1942			min	7.544	2	-0.004	4	0	7	0	5	0	2	-0.028	7
1943		2	max	31.079	5	0.001	2	0	2	0	7	0	7	0.003	2
1944			min	7.544	2	-0.004	4	0	7	0	5	0	2	-0.02	7
1945		3	max	31.058	5	0.001	2	0	2	0	7	0	7	0	2
1946			min	7.544	2	-0.004	4	0	7	0	5	0	2	-0.011	7
1947		4	max	31.037	5	0.001	2	0	2	0	7	0	7	0.003	4
1948			min	7.544	2	-0.004	4	0	7	0	5	0	2	-0.002	7
1949		5	max	31.016	5	0.001	2	0	2	0	7	0	5	0.013	4
1950			min	7.544	2	-0.004	4	0	7	0	5	0	7	-0.005	2
1951	M211	1	max	18.129	6	0.052	6	0	7	0	7	0	7	0.332	6
1952			min	3.986	2	0.007	2	0	5	0	2	0	5	0.051	2
1953		2	max	18.105	6	0.052	6	0	7	0	7	0	7	0.183	6
1954			min	3.986	2	0.007	2	0	5	0	2	0	5	0.03	2
1955		3	max	18.081	6	0.052	6	0	7	0	7	0	7	0.035	6
1956			min	3.986	2	0.007	2	0	5	0	2	0	5	0.008	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1957		4	max	18.056	6	0.052	6	0	7	0	7	0	7	-0.013	2
1958			min	3.986	2	0.007	2	0	5	0	2	0	5	-0.114	6
1959		5	max	18.032	6	0.052	6	0	7	0	7	0	7	-0.034	2
1960			min	3.986	2	0.007	2	0	5	0	2	0	5	-0.262	6
1961	M212	1	max	31.632	6	0.037	15	0	5	0	2	0	7	0.194	15
1962			min	7.398	2	0.002	2	0	7	0	7	0	5	0.013	2
1963		2	max	31.611	6	0.037	15	0	5	0	2	0	5	0.102	15
1964			min	7.398	2	0.002	2	0	7	0	7	0	7	0.007	2
1965		3	max	31.59	6	0.037	15	0	5	0	2	0	5	0.012	7
1966			min	7.398	2	0.002	2	0	7	0	7	0	7	0.001	2
1967		4	max	31.569	6	0.037	15	0	5	0	2	0	5	-0.005	2
1968			min	7.398	2	0.002	2	0	7	0	7	0	7	-0.084	8
1969		5	max	31.548	6	0.037	15	0	5	0	2	0	5	-0.011	2
1970			min	7.398	2	0.002	2	0	7	0	7	0	7	-0.176	8
1971	M213	1	max	19.84	5	21.613	6	0	23	0	7	0	23	0	23
1972			min	4.294	2	5.354	2	0	1	0	2	0	1	0	1
1973		2	max	19.84	5	21.514	6	0	23	0	7	0	23	-18.293	2
1974			min	4.294	2	5.354	2	0	1	0	2	0	1	-73.678	5
1975		3	max	19.84	5	-1.126	2	0	23	0	7	0	23	-24.841	2
1976			min	4.294	2	-4.504	5	0	1	0	2	0	1	-100.039	5
1977		4	max	19.84	5	-4.366	2	0	23	0	7	0	23	-18.631	2
1978			min	4.294	2	-17.563	5	0	1	0	2	0	1	-75.029	5
1979		5	max	19.84	5	-7.606	2	0	23	0	7	0	23	0	23
1980			min	4.294	2	-30.622	5	0	1	0	2	0	1	0	1
1981	M214	1	max	20.014	5	8.861	6	0	2	0	7	0	23	0	23
1982			min	4.348	2	2.101	2	0	4	0	2	0	1	0	1
1983		2	max	20.014	5	8.832	6	0	2	0	7	0	2	-2.55	2
1984			min	4.348	2	2.101	2	0	4	0	2	0	4	-10.736	6
1985		3	max	20.014	5	-1.139	2	0	2	0	7	0	2	-3.242	2
1986			min	4.348	2	-4.181	5	0	4	0	2	0	4	-14.009	6
1987		4	max	20.014	5	-1.139	2	0	2	0	7	0	2	-1.86	2
1988			min	4.348	2	-4.21	5	0	4	0	2	0	4	-8.946	6
1989		5	max	20.014	5	-1.139	2	0	2	0	7	0	2	-0.478	2
1990			min	4.348	2	-4.239	5	0	4	0	2	0	4	-3.848	6
1991	M215	1	max	22.409	5	4.847	5	0	7	0	7	0	2	-0.133	23
1992			min	5.34	2	1.166	2	0	2	0	5	0	7	-0.82	6
1993		2	max	22.409	5	4.818	5	0	7	0	7	0	2	-1.762	2
1994			min	5.34	2	1.166	2	0	2	0	5	0	7	-6.675	6
1995		3	max	22.409	5	4.789	5	0	7	0	7	0	2	-3.177	2
1996			min	5.34	2	1.166	2	0	2	0	5	0	7	-12.496	6
1997		4	max	22.409	5	-2.074	2	0	7	0	7	0	2	-2.517	2
1998			min	5.34	2	-8.207	6	0	2	0	5	0	7	-9.978	6
1999		5	max	22.409	5	-2.074	2	0	7	0	7	0	23	0	23
2000			min	5.34	2	-8.237	6	0	2	0	5	0	1	0	1
2001	M216	1	max	22.789	5	30.62	6	0	23	0	5	0	23	0	23
2002			min	5.455	2	7.606	2	0	1	0	7	0	1	0	1
2003		2	max	22.789	5	17.561	6	0	23	0	5	0	23	-18.628	2
2004			min	5.455	2	4.366	2	0	1	0	7	0	1	-75.02	5
2005		3	max	22.789	5	4.503	6	0	23	0	5	0	23	-24.838	2
2006			min	5.455	2	1.126	2	0	1	0	7	0	1	-100.026	5
2007		4	max	22.789	5	-5.354	2	0	23	0	5	0	23	-18.293	2
2008			min	5.455	2	-21.516	5	0	1	0	7	0	1	-73.678	5
2009		5	max	22.789	5	-5.354	2	0	23	0	5	0	23	0	23
2010			min	5.455	2	-21.615	5	0	1	0	7	0	1	0	1
2011	M217	1	max	-0.113	23	21.965	6	0	23	0	5	0	23	0	23
2012			min	-1.362	7	5.354	2	0	1	0	7	0	1	0	1
2013		2	max	-0.113	23	21.691	6	0	23	0	5	0	23	-18.293	2
2014			min	-1.362	7	5.354	2	0	1	0	7	0	1	-74.581	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2015		3	max	-0.113	23	-1.126	2	0	23	0	5	0	23	-24.841	2
2016			min	-1.362	7	-4.504	5	0	1	0	7	0	1	-101.243	5
2017		4	max	-0.113	23	-4.366	2	0	23	0	5	0	23	-18.631	2
2018			min	-1.362	7	-17.739	5	0	1	0	7	0	1	-75.932	5
2019		5	max	-0.113	23	-7.606	2	0	23	0	5	0	23	0	23
2020			min	-1.362	7	-30.974	5	0	1	0	7	0	1	0	1
2021	M218	1	max	20.577	5	4.931	5	0	7	0	5	0	2	0.153	4
2022			min	5.002	2	1.173	2	0	2	0	7	0	7	-0.405	6
2023		2	max	20.577	5	4.902	5	0	7	0	5	0	2	-1.739	2
2024			min	5.002	2	1.173	2	0	2	0	7	0	7	-6.365	6
2025		3	max	20.577	5	4.873	5	0	7	0	5	0	2	-3.162	2
2026			min	5.002	2	1.173	2	0	2	0	7	0	7	-12.288	6
2027		4	max	20.577	5	-2.067	2	0	7	0	5	0	2	-2.509	2
2028			min	5.002	2	-8.122	6	0	2	0	7	0	7	-9.874	6
2029		5	max	20.577	5	-2.067	2	0	7	0	5	0	23	0	23
2030			min	5.002	2	-8.151	6	0	2	0	7	0	1	0	1
2031	M219	1	max	26.606	5	30.62	6	0	23	0	7	0	23	0	23
2032			min	6.585	2	7.606	2	0	1	0	5	0	1	0	1
2033		2	max	26.606	5	17.561	6	0	23	0	7	0	23	-18.628	2
2034			min	6.585	2	4.366	2	0	1	0	5	0	1	-75.02	5
2035		3	max	26.606	5	4.503	6	0	23	0	7	0	23	-24.838	2
2036			min	6.585	2	1.126	2	0	1	0	5	0	1	-100.026	5
2037		4	max	26.606	5	-5.354	2	0	23	0	7	0	23	-18.293	2
2038			min	6.585	2	-21.516	5	0	1	0	5	0	1	-73.678	5
2039		5	max	26.606	5	-5.354	2	0	23	0	7	0	23	0	23
2040			min	6.585	2	-21.615	5	0	1	0	5	0	1	0	1
2041	M220	1	max	-3.892	2	21.965	6	0	23	0	2	0	23	0	23
2042			min	-19.31	5	5.354	2	0	1	0	5	0	1	0	1
2043		2	max	-3.892	2	21.691	6	0	23	0	2	0	23	-18.293	2
2044			min	-19.31	5	5.354	2	0	1	0	5	0	1	-74.581	5
2045		3	max	-3.892	2	-1.126	2	0	23	0	2	0	23	-24.841	2
2046			min	-19.31	5	-4.504	5	0	1	0	5	0	1	-101.243	5
2047		4	max	-3.892	2	-4.366	2	0	23	0	2	0	23	-18.631	2
2048			min	-19.31	5	-17.739	5	0	1	0	5	0	1	-75.932	5
2049		5	max	-3.892	2	-7.606	2	0	23	0	2	0	23	0	23
2050			min	-19.31	5	-30.974	5	0	1	0	5	0	1	0	1
2051	M221	1	max	0.47	7	0.038	2	0	7	0	7	0	23	0.151	2
2052			min	-0.477	5	-0.124	4	0	2	0	5	0	6	-1.311	4
2053		2	max	0.47	7	0.038	2	0	7	0	7	0	7	0.07	2
2054			min	-0.477	5	-0.183	4	0	2	0	5	0	5	-0.984	4
2055		3	max	0.47	7	0.038	2	0	7	0	7	0	7	-0.012	2
2056			min	-0.477	5	-0.243	4	0	2	0	5	0	2	-0.529	8
2057		4	max	0.47	7	0.038	2	0	7	0	7	0	7	0.071	7
2058			min	-0.477	5	-0.303	4	0	2	0	5	0	2	-0.104	5
2059		5	max	0.47	7	0.038	2	0	7	0	7	0	7	0.764	4
2060			min	-0.477	5	-0.362	4	0	2	0	5	0	2	-0.175	2
2061	M222	1	max	0.438	7	5.057	6	0	7	0	7	0	2	0.59	4
2062			min	-0.508	5	1.199	2	0	2	0	5	0	7	-0.186	2
2063		2	max	0.438	7	5.028	6	0	7	0	7	0	2	-1.642	2
2064			min	-0.508	5	1.199	2	0	2	0	5	0	7	-5.905	5
2065		3	max	0.438	7	4.999	6	0	7	0	7	0	2	-3.097	2
2066			min	-0.508	5	1.199	2	0	2	0	5	0	7	-11.982	5
2067		4	max	0.438	7	-2.041	2	0	7	0	7	0	2	-2.477	2
2068			min	-0.508	5	-7.996	5	0	2	0	5	0	7	-9.721	5
2069		5	max	0.438	7	-2.041	2	0	7	0	7	0	23	0	23
2070			min	-0.508	5	-8.025	5	0	2	0	5	0	1	0	1
2071	M223	1	max	5.092	5	30.62	6	0	23	0	5	0	23	0	23
2072			min	1.234	2	7.606	2	0	1	0	7	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2073		2	max	5.092	5	17.561	6	0	23	0	5	0	23	-18.628	2
2074			min	1.234	2	4.366	2	0	1	0	7	0	1	-75.02	5
2075		3	max	5.092	5	4.503	6	0	23	0	5	0	23	-24.838	2
2076			min	1.234	2	1.126	2	0	1	0	7	0	1	-100.026	5
2077		4	max	5.092	5	-5.354	2	0	23	0	5	0	23	-18.293	2
2078			min	1.234	2	-21.516	5	0	1	0	7	0	1	-73.678	5
2079		5	max	5.092	5	-5.354	2	0	23	0	5	0	23	0	23
2080			min	1.234	2	-21.615	5	0	1	0	7	0	1	0	1
2081	M224	1	max	-9.847	2	0.023	4	0	23	0	2	0	23	0	23
2082			min	-47.973	6	0	2	0	1	0	4	0	1	0	1
2083		2	max	-9.847	2	0.012	4	0	23	0	2	0	23	0	2
2084			min	-47.95	6	0	2	0	1	0	4	0	1	-0.054	4
2085		3	max	-9.847	2	0	23	0	23	0	2	0	23	0	2
2086			min	-47.926	6	0	1	0	1	0	4	0	1	-0.072	4
2087		4	max	-9.847	2	0	2	0	23	0	2	0	23	0	2
2088			min	-47.903	6	-0.012	8	0	1	0	4	0	1	-0.054	4
2089		5	max	-9.847	2	0	2	0	23	0	2	0	23	0	23
2090			min	-47.879	6	-0.023	8	0	1	0	4	0	1	0	1
2091	M225	1	max	-12.387	2	0.023	4	0	23	0	5	0	23	0	23
2092			min	-54.032	6	0	2	0	1	0	7	0	1	0	1
2093		2	max	-12.387	2	0.012	4	0	23	0	5	0	23	0	2
2094			min	-54.056	6	0	2	0	1	0	7	0	1	-0.054	4
2095		3	max	-12.387	2	0	23	0	23	0	5	0	23	0	2
2096			min	-54.079	6	0	1	0	1	0	7	0	1	-0.072	4
2097		4	max	-12.387	2	0	2	0	23	0	5	0	23	0	2
2098			min	-54.103	6	-0.012	8	0	1	0	7	0	1	-0.054	4
2099		5	max	-12.387	2	0	2	0	23	0	5	0	23	0	23
2100			min	-54.126	6	-0.023	8	0	1	0	7	0	1	0	1
2101	M226	1	max	-8.429	2	0.065	15	0	23	0	2	0	23	0	23
2102			min	-35.505	6	0	2	0	1	0	6	0	1	0	1
2103		2	max	-8.429	2	0.033	15	0	23	0	2	0	23	0	2
2104			min	-35.482	6	0	2	0	1	0	6	0	1	-0.218	8
2105		3	max	-8.429	2	0	23	0	23	0	2	0	23	0	2
2106			min	-35.458	6	0	1	0	1	0	6	0	1	-0.291	8
2107		4	max	-8.429	2	0	2	0	23	0	2	0	23	0	2
2108			min	-35.435	6	-0.033	4	0	1	0	6	0	1	-0.218	8
2109		5	max	-8.429	2	0	2	0	23	0	2	0	23	0	23
2110			min	-35.411	6	-0.065	4	0	1	0	6	0	1	0	1
2111	M228	1	max	-11.969	2	0.029	4	0	23	0	7	0	23	0	23
2112			min	-50.509	5	0	2	0	1	0	5	0	1	0	1
2113		2	max	-11.969	2	0.014	4	0	23	0	7	0	23	0	2
2114			min	-50.534	5	0	2	0	1	0	5	0	1	-0.06	4
2115		3	max	-11.969	2	0	23	0	23	0	7	0	23	0	2
2116			min	-50.56	5	0	1	0	1	0	5	0	1	-0.08	4
2117		4	max	-11.969	2	0	2	0	23	0	7	0	23	0	2
2118			min	-50.585	5	-0.014	8	0	1	0	5	0	1	-0.06	4
2119		5	max	-11.969	2	0	2	0	23	0	7	0	23	0	23
2120			min	-50.611	5	-0.029	8	0	1	0	5	0	1	0	1
2121	M229	1	max	88.913	6	-0.252	2	-0.005	2	0	23	0	23	0	23
2122			min	17.322	2	-1.122	6	-0.026	6	0	1	0	1	0	1
2123		2	max	88.625	6	-0.252	2	-0.005	2	0	23	-0.013	2	2.804	6
2124			min	17.322	2	-1.122	6	-0.026	6	0	1	-0.066	6	0.63	2
2125		3	max	88.338	6	-0.252	2	-0.005	2	0	23	-0.026	2	5.609	6
2126			min	17.322	2	-1.122	6	-0.026	6	0	1	-0.132	6	1.26	2
2127		4	max	88.05	6	-0.252	2	-0.005	2	0	23	-0.039	2	8.413	6
2128			min	17.322	2	-1.122	6	-0.026	6	0	1	-0.197	6	1.89	2
2129		5	max	87.762	6	-0.252	2	-0.005	2	0	23	-0.052	2	11.218	6
2130			min	17.322	2	-1.122	6	-0.026	6	0	1	-0.263	6	2.52	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2131	M230	1	max	76.633	6	0.755	6	0.037	6	0	23	-0.052	2	11.197	6
2132			min	14.911	2	0.153	2	0.007	2	0	1	-0.263	6	2.516	2
2133		2	max	76.302	6	0.755	6	0.037	6	0	23	-0.032	2	9.048	5
2134			min	14.911	2	0.153	2	0.007	2	0	1	-0.158	6	2.076	2
2135		3	max	75.971	6	0.755	6	0.037	6	0	23	-0.011	2	6.938	5
2136			min	14.911	2	0.153	2	0.007	2	0	1	-0.053	6	1.637	2
2137		4	max	75.64	6	0.755	6	0.037	6	0	23	0.053	6	4.829	5
2138			min	14.911	2	0.153	2	0.007	2	0	1	0.01	2	1.197	2
2139		5	max	75.309	6	0.755	6	0.037	6	0	23	0.158	6	2.719	5
2140			min	14.911	2	0.153	2	0.007	2	0	1	0.03	2	0.758	2
2141	M231	1	max	38.397	6	-0.174	2	0.007	5	0	23	-0.02	2	-1.829	2
2142			min	6.874	2	-0.706	5	0.002	2	0	1	-0.078	5	-7.404	5
2143		2	max	38.095	6	-0.174	2	0.007	5	0	23	-0.015	2	-1.371	2
2144			min	6.874	2	-0.706	5	0.002	2	0	1	-0.059	5	-5.552	5
2145		3	max	37.793	6	-0.174	2	0.007	5	0	23	-0.01	2	-0.914	2
2146			min	6.874	2	-0.706	5	0.002	2	0	1	-0.039	5	-3.699	5
2147		4	max	37.491	6	-0.174	2	0.007	5	0	23	-0.005	2	-0.456	2
2148			min	6.874	2	-0.706	5	0.002	2	0	1	-0.02	5	-1.847	5
2149		5	max	37.188	6	-0.174	2	0.007	5	0	23	0	7	0.005	5
2150			min	6.874	2	-0.706	5	0.002	2	0	1	0	5	0.001	7
2151	M232	1	max	13.386	7	0	2	0	5	0	23	0	23	0	23
2152			min	0	2	0	5	0	7	0	1	0	1	0	1
2153		2	max	13.356	7	0	2	0	5	0	23	0	5	0	5
2154			min	0	2	0	5	0	7	0	1	0	7	0	2
2155		3	max	13.327	7	0	2	0	5	0	23	0	5	0	5
2156			min	0	2	0	5	0	7	0	1	0	7	0	2
2157		4	max	13.297	7	0	2	0	5	0	23	0	5	0	5
2158			min	0	2	0	5	0	7	0	1	0	7	0	2
2159		5	max	13.267	7	0	2	0	5	0	23	0	5	0	5
2160			min	0	2	0	5	0	7	0	1	0	7	0	2
2161	M233	1	max	-0.211	2	22.589	6	0	23	0	5	0	23	0	23
2162			min	-0.861	5	5.374	2	0	1	0	7	0	1	0	1
2163		2	max	-0.211	2	22.445	6	0	23	0	5	0	23	-18.361	2
2164			min	-0.861	5	5.374	2	0	1	0	7	0	1	-76.935	5
2165		3	max	-0.211	2	4.373	6	0	23	0	5	0	23	-24.481	2
2166			min	-0.861	5	1.054	2	0	1	0	7	0	1	-102.58	5
2167		4	max	-0.211	2	-3.266	2	0	23	0	5	0	23	-18.361	2
2168			min	-0.861	5	-13.698	5	0	1	0	7	0	1	-76.935	5
2169		5	max	-0.211	2	-7.586	2	0	23	0	5	0	23	0	23
2170			min	-0.861	5	-31.77	5	0	1	0	7	0	1	0	1
2171	M234	1	max	-0.203	2	26.243	6	0	23	0	5	0	23	0	23
2172			min	-0.815	5	6.26	2	0	1	0	7	0	1	0	1
2173		2	max	-0.203	2	14.159	6	0	23	0	5	0	23	-22.14	2
2174			min	-0.815	5	3.38	2	0	1	0	7	0	1	-92.784	5
2175		3	max	-0.203	2	2.075	6	0	23	0	5	0	23	-29.52	2
2176			min	-0.815	5	0.5	2	0	1	0	7	0	1	-123.712	5
2177		4	max	-0.203	2	-2.38	2	0	23	0	5	0	23	-22.14	2
2178			min	-0.815	5	-10.009	5	0	1	0	7	0	1	-92.784	5
2179		5	max	-0.203	2	-5.26	2	0	23	0	5	0	23	0	23
2180			min	-0.815	5	-22.093	5	0	1	0	7	0	1	0	1
2181	M235	1	max	-0.174	2	-6.874	2	0.149	5	0	7	-0.054	2	-9.74	2
2182			min	-0.705	5	-36.415	6	0.038	2	0	5	-0.211	5	-51.659	6
2183		2	max	-0.174	2	-6.874	2	0.149	5	0	7	-0.041	2	-7.305	2
2184			min	-0.705	5	-36.436	6	0.038	2	0	5	-0.158	5	-38.756	6
2185		3	max	-0.174	2	-6.874	2	0.149	5	0	7	-0.027	2	-4.87	2
2186			min	-0.705	5	-36.457	6	0.038	2	0	5	-0.105	5	-25.845	6
2187		4	max	-0.174	2	-6.874	2	0.149	5	0	7	-0.014	2	-2.435	2
2188			min	-0.705	5	-36.478	6	0.038	2	0	5	-0.053	5	-12.926	6

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2189		5	max	-0.174	2	-6.874	2	0.149	5	0	7	0	23	0	23
2190			min	-0.705	5	-36.499	6	0.038	2	0	5	0	1	0	1
2191	M236	1	max	0.057	4	4.019	7	0	23	0	7	0	23	0	23
2192			min	-0.004	2	0	2	0	1	0	5	0	1	0	1
2193		2	max	0.057	4	2.009	7	0	23	0	7	0	23	0	2
2194			min	-0.004	2	0	2	0	1	0	5	0	1	-10.298	7
2195		3	max	0.057	4	0	23	0	23	0	7	0	23	0	2
2196			min	-0.004	2	0	1	0	1	0	5	0	1	-13.731	7
2197		4	max	0.057	4	0	2	0	23	0	7	0	23	0	2
2198			min	-0.004	2	-2.009	7	0	1	0	5	0	1	-10.298	7
2199		5	max	0.057	4	0	2	0	23	0	7	0	23	0	23
2200			min	-0.004	2	-4.019	7	0	1	0	5	0	1	0	1
2201	M237	1	max	0	7	4.093	7	0	23	0	5	0	23	0	23
2202			min	0	2	0	2	0	1	0	7	0	1	0	1
2203		2	max	0	7	2.046	7	0	23	0	5	0	23	0	2
2204			min	0	2	0	2	0	1	0	7	0	1	-10.487	7
2205		3	max	0	7	0	23	0	23	0	5	0	23	0	2
2206			min	0	2	0	1	0	1	0	7	0	1	-13.982	7
2207		4	max	0	7	0	2	0	23	0	5	0	23	0	2
2208			min	0	2	-2.046	7	0	1	0	7	0	1	-10.487	7
2209		5	max	0	7	0	2	0	23	0	5	0	23	0	23
2210			min	0	2	-4.093	7	0	1	0	7	0	1	0	1
2211	M238	1	max	-0.402	2	-0.002	2	10.271	6	0	6	-3.413	2	-0.002	2
2212			min	-1.821	6	-0.009	6	2.408	2	0	2	-14.646	6	-0.013	6
2213		2	max	-0.402	2	-0.002	2	10.304	6	0	6	-2.56	2	-0.002	2
2214			min	-1.821	6	-0.009	6	2.408	2	0	2	-11.002	6	-0.009	6
2215		3	max	-0.402	2	-0.002	2	10.336	6	0	6	-1.706	2	-0.001	2
2216			min	-1.821	6	-0.009	6	2.408	2	0	2	-7.346	6	-0.006	6
2217		4	max	-0.402	2	-0.002	2	10.368	6	0	6	-0.853	2	-0.001	2
2218			min	-1.821	6	-0.009	6	2.408	2	0	2	-3.679	6	-0.003	6
2219		5	max	-0.402	2	-0.002	2	10.4	6	0	6	0	23	0	23
2220			min	-1.821	6	-0.009	6	2.408	2	0	2	0	1	0	1
2221	M239	1	max	0.039	7	0.006	6	22.081	6	0.002	6	-7.341	2	0.009	6
2222			min	-0.275	5	0.001	2	5.181	2	0	2	-31.381	6	0.002	2
2223		2	max	0.039	7	0.006	6	22.114	6	0.002	6	-5.506	2	0.007	6
2224			min	-0.275	5	0.001	2	5.181	2	0	2	-23.553	6	0.001	2
2225		3	max	0.039	7	0.006	6	22.146	6	0.002	6	-3.671	2	0.004	6
2226			min	-0.275	5	0.001	2	5.181	2	0	2	-15.713	6	0.001	2
2227		4	max	0.039	7	0.006	6	22.178	6	0.002	6	-1.835	2	0.002	6
2228			min	-0.275	5	0.001	2	5.181	2	0	2	-7.862	6	0	2
2229		5	max	0.039	7	0.006	6	22.21	6	0.002	6	0	23	0	23
2230			min	-0.275	5	0.001	2	5.181	2	0	2	0	1	0	1
2231	M240	1	max	1.703	5	0.003	5	12.099	6	0.001	5	-4.05	2	0.004	5
2232			min	0.433	2	0.001	2	2.858	2	0	2	-17.236	6	0.001	2
2233		2	max	1.703	5	0.003	5	12.131	6	0.001	5	-3.038	2	0.003	5
2234			min	0.433	2	0.001	2	2.858	2	0	2	-12.944	6	0.001	2
2235		3	max	1.703	5	0.003	5	12.164	6	0.001	5	-2.025	2	0.002	5
2236			min	0.433	2	0.001	2	2.858	2	0	2	-8.641	6	0	2
2237		4	max	1.703	5	0.003	5	12.196	6	0.001	5	-1.013	2	0.001	5
2238			min	0.433	2	0.001	2	2.858	2	0	2	-4.326	6	0	2
2239		5	max	1.703	5	0.003	5	12.228	6	0.001	5	0	23	0	23
2240			min	0.433	2	0.001	2	2.858	2	0	2	0	1	0	1
2241	M241	1	max	6.711	7	0	23	0	2	0	23	0	23	0	23
2242			min	0	2	0	1	0	7	0	1	0	1	0	1
2243		2	max	6.672	7	0	23	0	2	0	23	0	2	0	23
2244			min	0	2	0	1	0	7	0	1	0	7	0	1
2245		3	max	6.633	7	0	23	0	2	0	23	0	2	0	23
2246			min	0	2	0	1	0	7	0	1	0	7	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2247		4	max	6.594	7	0	23	0	2	0	23	0	2	0	23
2248			min	0	2	0	1	0	7	0	1	0	7	0	1
2249		5	max	6.555	7	0	23	0	2	0	23	0	2	0	23
2250			min	0	2	0	1	0	7	0	1	-0.001	7	0	1
2251	M242	1	max	0	6	3.254	7	0	23	0	2	0	23	0	23
2252			min	0	2	0	2	0	1	-0.017	7	0	1	0	1
2253		2	max	0	6	1.627	7	0	23	0	2	0	23	0	2
2254			min	0	2	0	2	0	1	-0.017	7	0	1	-11.135	7
2255		3	max	0	6	0	23	0	23	0	2	0	23	0	2
2256			min	0	2	0	1	0	1	-0.017	7	0	1	-14.846	7
2257		4	max	0	6	0	2	0	23	0	2	0	23	0	2
2258			min	0	2	-1.627	7	0	1	-0.017	7	0	1	-11.135	7
2259		5	max	0	6	0	2	0	23	0	2	0	23	0	23
2260			min	0	2	-3.254	7	0	1	-0.017	7	0	1	0	1
2261	M243	1	max	0	6	2.051	7	0	23	0.001	7	0	23	0	23
2262			min	0	2	0	2	0	1	0	2	0	1	0	1
2263		2	max	0	6	1.025	7	0	23	0.001	7	0	23	0	2
2264			min	0	2	0	2	0	1	0	2	0	1	-5.255	7
2265		3	max	0	6	0	23	0	23	0.001	7	0	23	0	2
2266			min	0	2	0	1	0	1	0	2	0	1	-7.007	7
2267		4	max	0	6	0	2	0	23	0.001	7	0	23	0	2
2268			min	0	2	-1.025	7	0	1	0	2	0	1	-5.255	7
2269		5	max	0	6	0	2	0	23	0.001	7	0	23	0	23
2270			min	0	2	-2.051	7	0	1	0	2	0	1	0	1
2271	M244	1	max	15.087	7	0	6	0.002	7	0	23	0	23	0	23
2272			min	0	2	0	16	0	2	0	1	0	1	0	1
2273		2	max	15.051	7	0	6	0.002	7	0	23	0.004	7	0	23
2274			min	0	2	0	16	0	2	0	1	0	2	0	6
2275		3	max	15.015	7	0	6	0.002	7	0	23	0.009	7	0	23
2276			min	0	2	0	16	0	2	0	1	0	2	0	6
2277		4	max	14.978	7	0	6	0.002	7	0	23	0.013	7	0	23
2278			min	0	2	0	16	0	2	0	1	0	2	0	6
2279		5	max	14.942	7	0	6	0.002	7	0	23	0.017	7	0	23
2280			min	0	2	0	16	0	2	0	1	0	2	0	6
2281	M245	1	max	15.161	7	0	6	0	2	0	23	0	23	0	23
2282			min	0	2	0	4	-0.002	7	0	1	0	1	0	1
2283		2	max	15.125	7	0	6	0	2	0	23	0	2	0	4
2284			min	0	2	0	4	-0.002	7	0	1	-0.004	7	0	6
2285		3	max	15.089	7	0	6	0	2	0	23	0	2	0	4
2286			min	0	2	0	4	-0.002	7	0	1	-0.008	7	0	6
2287		4	max	15.053	7	0	6	0	2	0	23	0	2	0	4
2288			min	0	2	0	4	-0.002	7	0	1	-0.012	7	0	6
2289		5	max	15.016	7	0	6	0	2	0	23	0	2	0	4
2290			min	0	2	0	4	-0.002	7	0	1	-0.016	7	0	6
2291	M246	1	max	6.831	7	0	2	0	2	0	23	0	23	0	23
2292			min	0	2	0	6	0	7	0	1	0	1	0	1
2293		2	max	6.801	7	0	2	0	2	0	23	0	2	0	6
2294			min	0	2	0	6	0	7	0	1	0	7	0	2
2295		3	max	6.771	7	0	2	0	2	0	23	0	2	0	6
2296			min	0	2	0	6	0	7	0	1	0	7	0	2
2297		4	max	6.742	7	0	2	0	2	0	23	0	2	0	6
2298			min	0	2	0	6	0	7	0	1	0	7	0	2
2299		5	max	6.712	7	0	2	0	2	0	23	0	2	0	6
2300			min	0	2	0	6	0	7	0	1	0	7	0	2
2301	M247	1	max	0	6	2.125	7	0	23	0	2	0	23	0	23
2302			min	0	2	0	2	0	1	0	7	0	1	0	1
2303		2	max	0	6	1.062	7	0	23	0	2	0	23	0	2
2304			min	0	2	0	2	0	1	0	7	0	1	-5.444	7

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2305		3	max	0	6	0	23	0	23	0	2	0	23	0	2
2306			min	0	2	0	1	0	1	0	7	0	1	-7.259	7
2307		4	max	0	6	0	2	0	23	0	2	0	23	0	2
2308			min	0	2	-1.062	7	0	1	0	7	0	1	-5.444	7
2309		5	max	0	6	0	2	0	23	0	2	0	23	0	23
2310			min	0	2	-2.125	7	0	1	0	7	0	1	0	1
2311	M248	1	max	0	7	4.505	7	0	23	0	23	0	23	0	23
2312			min	0	2	0	2	0	1	0	1	0	1	0	1
2313		2	max	0	7	4.41	7	0	23	0	23	0	23	0	2
2314			min	0	2	0	2	0	1	0	1	0	1	-10.029	7
2315		3	max	0	7	4.315	7	0	23	0	23	0	23	0	2
2316			min	0	2	0	2	0	1	0	1	0	1	-19.845	7
2317		4	max	0	7	4.221	7	0	23	0	23	0	23	0	2
2318			min	0	2	0	2	0	1	0	1	0	1	-29.448	7
2319		5	max	0	7	4.126	7	0	23	0	23	0	23	0	2
2320			min	0	2	0	2	0	1	0	1	0	1	-38.838	7
2321	M249	1	max	0.03	7	9.638	7	0	2	0	6	0	23	0	23
2322			min	0	2	0	2	0	4	0	16	0	1	0	1
2323		2	max	0.03	7	9.568	7	0	2	0	6	0	2	0	2
2324			min	0	2	0	2	0	4	0	16	0	4	-21.607	7
2325		3	max	0.03	7	9.498	7	0	2	0	6	0	2	0	2
2326			min	0	2	0	2	0	4	0	16	0	4	-43.056	7
2327		4	max	0.03	7	9.427	7	0	2	0	6	0	2	0	2
2328			min	0	2	0	2	0	4	0	16	0	4	-64.347	7
2329		5	max	0.03	7	9.357	7	0	2	0	6	0	2	0	2
2330			min	0	2	0	2	0	4	0	16	0	4	-85.48	7
2331	M250	1	max	0.006	7	9.638	7	0	2	0	6	0	23	0	23
2332			min	0	2	0	2	0	6	0	4	0	1	0	1
2333		2	max	0.006	7	9.568	7	0	2	0	6	0	2	0	2
2334			min	0	2	0	2	0	6	0	4	-0.001	6	-21.606	7
2335		3	max	0.006	7	9.497	7	0	2	0	6	0	2	0	2
2336			min	0	2	0	2	0	6	0	4	-0.002	6	-43.054	7
2337		4	max	0.006	7	9.427	7	0	2	0	6	0	2	0	2
2338			min	0	2	0	2	0	6	0	4	-0.003	6	-64.344	7
2339		5	max	0.006	7	9.357	7	0	2	0	6	-0.001	2	0	2
2340			min	0	2	0	2	0	6	0	4	-0.004	6	-85.475	7
2341	M251	1	max	0	7	4.587	7	0	2	0	2	0	23	0	23
2342			min	0	5	0	2	0	6	0	6	0	1	0	1
2343		2	max	0	7	4.479	7	0	2	0	2	0	2	0	2
2344			min	0	5	0	2	0	6	0	6	-0.001	6	-10.199	7
2345		3	max	0	7	4.37	7	0	2	0	2	0	2	0	2
2346			min	0	5	0	2	0	6	0	6	-0.002	6	-20.155	7
2347		4	max	0	7	4.262	7	0	2	0	2	0	2	0	2
2348			min	0	5	0	2	0	6	0	6	-0.003	6	-29.866	7
2349		5	max	0	7	4.154	7	0	2	0	2	-0.001	2	0	2
2350			min	0	5	0	2	0	6	0	6	-0.004	6	-39.334	7
2351	M252	1	max	0.001	7	4.505	7	0	23	0	23	0	23	0	23
2352			min	0	2	0	2	0	1	0	1	0	1	0	1
2353		2	max	0.001	7	4.221	7	0	23	0	23	0	23	0	2
2354			min	0	2	0	2	0	1	0	1	0	1	-29.448	7
2355		3	max	0.001	7	0	23	0	23	0	23	0	23	0	2
2356			min	0	2	0	1	0	1	0	1	0	1	-39.264	7
2357		4	max	0.001	7	0	2	0	23	0	23	0	23	0	2
2358			min	0	2	-4.221	7	0	1	0	1	0	1	-29.448	7
2359		5	max	0.001	7	0	2	0	23	0	23	0	23	0	23
2360			min	0	2	-4.505	7	0	1	0	1	0	1	0	1
2361	M253	1	max	0.028	2	9.638	7	0	23	0	23	0	23	0	23
2362			min	-0.318	7	0	2	0	1	0	6	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2363		2	max	0.028	2	9.427	7	0	23	0	23	0	23	0	2
2364			min	-0.318	7	0	2	0	1	0	6	0	1	-64.343	7
2365		3	max	0.028	2	0	23	0	23	0	23	0	23	0	2
2366			min	-0.318	7	0	1	0	1	0	6	0	1	-85.791	7
2367		4	max	0.028	2	0	2	0	23	0	23	0	23	0	2
2368			min	-0.318	7	-9.427	7	0	1	0	6	0	1	-64.343	7
2369		5	max	0.028	2	0	2	0	23	0	23	0	23	0	23
2370			min	-0.318	7	-9.638	7	0	1	0	6	0	1	0	1
2371	M254	1	max	5.986	7	11.024	7	0.001	2	0	23	0.026	4	69.56	7
2372			min	0.191	2	-0.006	2	-0.002	4	0	5	-0.012	2	-0.085	2
2373		2	max	5.986	7	10.732	7	0.001	2	0	23	0.012	4	-0.042	2
2374			min	0.191	2	-0.006	2	-0.002	4	0	5	-0.005	2	-3.863	7
2375		3	max	5.986	7	1.223	7	0.001	2	0	23	0.002	2	0	2
2376			min	0.191	2	-0.006	2	-0.002	4	0	5	-0.003	4	-33.843	7
2377		4	max	5.986	7	-0.006	2	0.001	2	0	23	0.009	2	0.043	2
2378			min	0.191	2	-8.285	7	-0.002	4	0	5	-0.018	4	-20.378	7
2379		5	max	5.986	7	-0.006	2	0.001	2	0	23	0.016	2	36.53	7
2380			min	0.191	2	-8.577	7	-0.002	4	0	5	-0.033	4	0.086	2
2381	M255	1	max	0	7	4.587	7	0	23	0	5	0	23	0	23
2382			min	0	2	0	2	0	1	0	2	0	1	0	1
2383		2	max	0	7	4.262	7	0	23	0	5	0	23	0	2
2384			min	0	2	0	2	0	1	0	2	0	1	-29.866	7
2385		3	max	0	7	0	23	0	23	0	5	0	23	0	2
2386			min	0	2	0	1	0	1	0	2	0	1	-39.822	7
2387		4	max	0	7	0	2	0	23	0	5	0	23	0	2
2388			min	0	2	-4.262	7	0	1	0	2	0	1	-29.866	7
2389		5	max	0	7	0	2	0	23	0	5	0	23	0	23
2390			min	0	2	-4.587	7	0	1	0	2	0	1	0	1
2391	M256	1	max	0	2	5.05	6	0	23	0	23	0	23	0	23
2392			min	-0.01	7	1.08	2	0	1	0	1	0	1	0	1
2393		2	max	0	2	2.525	6	0	23	0	23	0	23	-5.467	2
2394			min	-0.01	7	0.54	2	0	1	0	1	0	1	-25.565	5
2395		3	max	0	2	0	23	0	23	0	23	0	23	-7.29	2
2396			min	-0.01	7	0	1	0	1	0	1	0	1	-34.086	5
2397		4	max	0	2	-0.54	2	0	23	0	23	0	23	-5.467	2
2398			min	-0.01	7	-2.525	5	0	1	0	1	0	1	-25.565	5
2399		5	max	0	2	-1.08	2	0	23	0	23	0	23	0	23
2400			min	-0.01	7	-5.05	5	0	1	0	1	0	1	0	1
2401	M257	1	max	0	2	3.928	6	0	23	0	23	0	23	0	23
2402			min	-0.007	7	0.84	2	0	1	0	1	0	1	0	1
2403		2	max	0	2	1.964	6	0	23	0	23	0	23	-3.308	2
2404			min	-0.007	7	0.42	2	0	1	0	1	0	1	-15.465	5
2405		3	max	0	2	0	23	0	23	0	23	0	23	-4.41	2
2406			min	-0.007	7	0	1	0	1	0	1	0	1	-20.62	5
2407		4	max	0	2	-0.42	2	0	23	0	23	0	23	-3.308	2
2408			min	-0.007	7	-1.964	5	0	1	0	1	0	1	-15.465	5
2409		5	max	0	2	-0.84	2	0	23	0	23	0	23	0	23
2410			min	-0.007	7	-3.928	5	0	1	0	1	0	1	0	1
2411	M258	1	max	0	2	12.897	7	0	23	0	23	0	23	0	23
2412			min	-0.002	7	0.891	2	0	1	0	1	0	1	0	1
2413		2	max	0	2	12.423	7	0	23	0	23	0	23	-1.247	2
2414			min	-0.002	7	0.771	2	0	1	0	1	0	1	-18.99	7
2415		3	max	0	2	11.949	7	0	23	0	23	0	23	-2.313	2
2416			min	-0.002	7	0.651	2	0	1	0	1	0	1	-37.27	7
2417		4	max	0	2	11.476	7	0	23	0	23	0	23	-3.2	2
2418			min	-0.002	7	0.531	2	0	1	0	1	0	1	-54.838	7
2419		5	max	0	2	11.002	7	0	23	0	23	0	23	-3.906	2
2420			min	-0.002	7	0.411	2	0	1	0	1	0	1	-71.696	7

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2421	M259	1	max	0	2	-0.036	7	0	23	0	23	0	23	-3.906	2
2422			min	-0.002	7	-0.377	5	0	1	0	1	0	1	-71.704	7
2423		2	max	0	2	-0.186	2	0	23	0	23	0	23	-2.93	2
2424			min	-0.002	7	-0.755	5	0	1	0	1	0	1	-70.527	7
2425		3	max	0	2	-0.186	2	0	23	0	23	0	23	-1.953	2
2426			min	-0.002	7	-5.383	7	0	1	0	1	0	1	-60.48	7
2427		4	max	0	2	-0.186	2	0	23	0	23	0	23	-0.977	2
2428			min	-0.002	7	-5.76	7	0	1	0	1	0	1	-31.23	7
2429		5	max	0	2	-0.186	2	0	23	0	23	0	23	0	23
2430			min	-0.002	7	-6.137	7	0	1	0	1	0	1	0	1
2431	M260	1	max	0.001	2	4.734	5	0	5	0	2	0	23	0	23
2432			min	-0.893	7	1.254	2	0	2	0	6	0	1	0	1
2433		2	max	0.001	2	1.084	5	0	5	0	2	0.001	5	-4.379	2
2434			min	-0.893	7	-0.3	7	0	2	0	6	0	2	-15.275	5
2435		3	max	0.001	2	-0.426	2	0	5	0	2	0.001	5	3.155	7
2436			min	-0.893	7	-3.026	7	0	2	0	6	0	2	-11.387	5
2437		4	max	0.001	2	-1.266	2	0	5	0	2	0.002	5	26.199	7
2438			min	-0.893	7	-6.506	6	0	2	0	6	0	2	0.094	2
2439		5	max	0.001	2	-2.106	2	0	5	0	2	0.003	5	63.555	7
2440			min	-0.893	7	-10.156	6	0	2	0	6	0.001	2	8.945	2
2441	M261	1	max	0.144	7	31.754	7	-0.001	2	0	4	0.003	5	72.515	7
2442			min	0	2	2.651	2	-0.002	5	0	2	0.001	2	8.931	2
2443		2	max	0.144	7	30.919	7	-0.001	2	0	4	0	2	27.813	6
2444			min	0	2	2.411	2	-0.002	5	0	2	0	6	5.134	2
2445		3	max	0.144	7	30.084	7	-0.001	2	0	4	-0.001	2	1.698	2
2446			min	0	2	2.171	2	-0.002	5	0	2	-0.003	5	-20.243	7
2447		4	max	0.144	7	29.249	7	-0.001	2	0	4	-0.002	2	-1.379	2
2448			min	0	2	1.931	2	-0.002	5	0	2	-0.007	5	-64.743	7
2449		5	max	0.144	7	28.414	7	-0.001	2	0	4	-0.002	2	-4.096	2
2450			min	0	2	1.691	2	-0.002	5	0	2	-0.01	5	-107.991	7
2451	M262	1	max	0.174	7	1.721	7	0	5	0	4	-0.002	2	-4.096	2
2452			min	0	2	-0.195	2	0	2	0	2	-0.01	5	-108	7
2453		2	max	0.174	7	1.361	7	0	5	0	4	-0.002	2	-3.072	2
2454			min	0	2	-0.195	2	0	2	0	2	-0.007	5	-116.092	7
2455		3	max	0.174	7	-0.195	2	0	5	0	4	-0.001	2	-2.048	2
2456			min	0	2	-9.751	7	0	2	0	2	-0.005	5	-106.166	7
2457		4	max	0.174	7	-0.195	2	0	5	0	4	-0.001	2	-1.024	2
2458			min	0	2	-10.111	7	0	2	0	2	-0.002	5	-54.028	7
2459		5	max	0.174	7	-0.195	2	0	5	0	4	0	23	0	23
2460			min	0	2	-10.471	7	0	2	0	2	0	1	0	1
2461	M263	1	max	-0.067	2	9.617	6	0	2	0	5	0.002	4	44.676	5
2462			min	-9.942	7	2.21	2	0	4	0	2	0	2	10.301	2
2463		2	max	-0.067	2	4.924	6	0	2	0	5	0.001	4	-0.975	2
2464			min	-9.942	7	1.13	2	0	4	0	2	0	2	-4.447	6
2465		3	max	-0.067	2	0.231	6	0	2	0	5	0	2	-4.961	2
2466			min	-9.942	7	0.05	2	0	4	0	2	-0.001	5	-21.844	6
2467		4	max	-0.067	2	-1.03	2	0	2	0	5	0	2	-1.656	2
2468			min	-9.942	7	-4.465	5	0	4	0	2	-0.002	8	-7.565	6
2469		5	max	-0.067	2	-2.11	2	0	2	0	5	0	2	38.514	5
2470			min	-9.942	7	-9.157	5	0	4	0	2	-0.004	8	8.938	2
2471	M264	1	max	-0.073	2	5.435	5	0	5	0	2	0	23	13.935	5
2472			min	-5.522	7	1.382	7	0	16	0	5	-0.003	5	-7.161	7
2473		2	max	-0.073	2	1.785	5	0	5	0	2	0	4	-0.676	2
2474			min	-5.522	7	-1.344	7	0	16	0	5	-0.001	5	-7.261	7
2475		3	max	-0.073	2	-0.06	2	0	5	0	2	0.002	15	6.95	7
2476			min	-5.522	7	-4.07	7	0	16	0	5	0	2	-4.811	5
2477		4	max	-0.073	2	-0.9	2	0	5	0	2	0.004	5	35.473	7
2478			min	-5.522	7	-6.796	7	0	16	0	5	0.001	2	-0.048	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2479		5	max	-0.073	2	-1.74	2	0	5	0	2	0.006	5	78.307	7
2480			min	-5.522	7	-9.874	6	0	16	0	5	0.002	2	6.881	2
2481	M265	1	max	0.022	7	32.443	7	-0.001	2	0	2	0.006	5	129.599	7
2482			min	0	2	2.28	2	-0.003	5	0	6	0.002	2	7.563	2
2483		2	max	0.022	7	31.665	7	-0.001	2	0	2	0.002	5	81.518	7
2484			min	0	2	2.04	2	-0.003	5	0	6	0.001	16	4.324	2
2485		3	max	0.022	7	30.886	7	-0.001	2	0	2	0	2	34.605	7
2486			min	0	2	1.8	2	-0.003	5	0	6	-0.002	5	1.444	2
2487		4	max	0.022	7	30.107	7	-0.001	2	0	2	-0.002	2	-1.075	2
2488			min	0	2	1.56	2	-0.003	5	0	6	-0.006	5	-11.139	7
2489		5	max	0.022	7	29.328	7	-0.001	2	0	2	-0.003	2	-3.235	2
2490			min	0	2	1.32	2	-0.003	5	0	6	-0.011	5	-55.715	7
2491	M266	1	max	0.027	7	3.82	7	0.001	5	0	2	-0.003	2	-3.234	2
2492			min	0	2	-0.154	2	0	2	0	6	-0.011	5	-55.684	7
2493		2	max	0.027	7	3.656	7	0.001	5	0	2	-0.002	2	-2.426	2
2494			min	0	2	-0.154	2	0	2	0	6	-0.008	5	-75.31	7
2495		3	max	0.027	7	-0.154	2	0.001	5	0	2	-0.001	2	-1.617	2
2496			min	0	2	-7.26	7	0	2	0	6	-0.005	5	-77.948	7
2497		4	max	0.027	7	-0.154	2	0.001	5	0	2	-0.001	2	-0.809	2
2498			min	0	2	-7.424	7	0	2	0	6	-0.003	5	-39.404	7
2499		5	max	0.027	7	-0.154	2	0.001	5	0	2	0	23	0	23
2500			min	0	2	-7.588	7	0	2	0	6	0	1	0	1
2501	M267	1	max	0	2	11.87	7	-0.001	2	0.009	5	0	23	0	23
2502			min	0	7	0.656	2	-0.003	5	0.001	7	0	1	0	1
2503		2	max	0	2	11.807	7	-0.001	2	0.009	5	-0.001	2	-0.983	2
2504			min	0	7	0.656	2	-0.003	5	0.001	7	-0.004	5	-17.757	7
2505		3	max	0	2	11.744	7	-0.001	2	0.009	5	-0.002	2	-1.967	2
2506			min	0	7	0.656	2	-0.003	5	0.001	7	-0.009	5	-35.42	7
2507		4	max	0	2	11.68	7	-0.001	2	0.009	5	-0.003	2	-2.95	2
2508			min	0	7	0.656	2	-0.003	5	0.001	7	-0.013	5	-52.988	7
2509		5	max	0	2	11.617	7	-0.001	2	0.009	5	-0.004	2	-3.934	2
2510			min	0	7	0.656	2	-0.003	5	0.001	7	-0.018	5	-70.461	7
2511	M268	1	max	0	7	-0.187	2	0.001	5	0.009	5	-0.004	2	-3.934	2
2512			min	0	5	-0.633	5	0	2	0.001	7	-0.018	5	-70.475	7
2513		2	max	0	7	-0.187	2	0.001	5	0.009	5	-0.003	2	-2.951	2
2514			min	0	5	-0.854	5	0	2	0.001	7	-0.013	5	-68.373	7
2515		3	max	0	7	-0.187	2	0.001	5	0.009	5	-0.002	2	-1.967	2
2516			min	0	5	-5.324	7	0	2	0.001	7	-0.009	5	-58.222	7
2517		4	max	0	7	-0.187	2	0.001	5	0.009	5	-0.001	2	-0.984	2
2518			min	0	5	-5.545	7	0	2	0.001	7	-0.004	5	-29.691	7
2519		5	max	0	7	-0.187	2	0.001	5	0.009	5	0	23	0	23
2520			min	0	5	-5.766	7	0	2	0.001	7	0	1	0	1
2521	M269	1	max	0.005	7	3.662	6	0	23	0	23	0	23	0	23
2522			min	0	2	0.81	2	0	1	0	1	0	1	0	1
2523		2	max	0.005	7	1.831	6	0	23	0	23	0	23	-4.101	2
2524			min	0	2	0.405	2	0	1	0	1	0	1	-18.537	5
2525		3	max	0.005	7	0	23	0	23	0	23	0	23	-5.467	2
2526			min	0	2	0	1	0	1	0	1	0	1	-24.717	5
2527		4	max	0.005	7	-0.405	2	0	23	0	23	0	23	-4.101	2
2528			min	0	2	-1.831	5	0	1	0	1	0	1	-18.537	5
2529		5	max	0.005	7	-0.81	2	0	23	0	23	0	23	0	23
2530			min	0	2	-3.662	5	0	1	0	1	0	1	0	1
2531	M270	1	max	0.004	7	2.848	6	0	23	0	23	0	23	0	23
2532			min	0	2	0.63	2	0	1	0	1	0	1	0	1
2533		2	max	0.004	7	1.424	6	0	23	0	23	0	23	-2.481	2
2534			min	0	2	0.315	2	0	1	0	1	0	1	-11.214	5
2535		3	max	0.004	7	0	23	0	23	0	23	0	23	-3.307	2
2536			min	0	2	0	1	0	1	0	1	0	1	-14.952	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2537		4	max	0.004	7	-0.315	2	0	23	0	23	0	23	-2.481	2
2538			min	0	2	-1.424	5	0	1	0	1	0	1	-11.214	5
2539		5	max	0.004	7	-0.63	2	0	23	0	23	0	23	0	23
2540			min	0	2	-2.848	5	0	1	0	1	0	1	0	1
2541	M271	1	max	0	2	3.662	6	0	23	0	23	0	23	0	23
2542			min	-0.001	7	0.81	2	0	1	0	1	0	1	0	1
2543		2	max	0	2	1.831	6	0	23	0	23	0	23	-4.101	2
2544			min	-0.001	7	0.405	2	0	1	0	1	0	1	-18.537	5
2545		3	max	0	2	0	23	0	23	0	23	0	23	-5.467	2
2546			min	-0.001	7	0	1	0	1	0	1	0	1	-24.717	5
2547		4	max	0	2	-0.405	2	0	23	0	23	0	23	-4.101	2
2548			min	-0.001	7	-1.831	5	0	1	0	1	0	1	-18.537	5
2549		5	max	0	2	-0.81	2	0	23	0	23	0	23	0	23
2550			min	-0.001	7	-3.662	5	0	1	0	1	0	1	0	1
2551	M272	1	max	0.009	5	3.662	6	0	23	0.001	7	0	23	0	23
2552			min	0.003	2	0.81	2	0	1	0	2	0	1	0	1
2553		2	max	0.009	5	1.831	6	0	23	0.001	7	0	23	-4.101	2
2554			min	0.003	2	0.405	2	0	1	0	2	0	1	-18.537	5
2555		3	max	0.009	5	0	23	0	23	0.001	7	0	23	-5.467	2
2556			min	0.003	2	0	1	0	1	0	2	0	1	-24.717	5
2557		4	max	0.009	5	-0.405	2	0	23	0.001	7	0	23	-4.101	2
2558			min	0.003	2	-1.831	5	0	1	0	2	0	1	-18.537	5
2559		5	max	0.009	5	-0.81	2	0	23	0.001	7	0	23	0	23
2560			min	0.003	2	-3.662	5	0	1	0	2	0	1	0	1
2561	M273	1	max	0.005	5	2.848	6	0	23	0.001	5	0	23	0	23
2562			min	0.001	16	0.63	2	0	1	0	2	0	1	0	1
2563		2	max	0.005	5	1.424	6	0	23	0.001	5	0	23	-2.481	2
2564			min	0.001	16	0.315	2	0	1	0	2	0	1	-11.214	5
2565		3	max	0.005	5	0	23	0	23	0.001	5	0	23	-3.307	2
2566			min	0.001	16	0	1	0	1	0	2	0	1	-14.952	5
2567		4	max	0.005	5	-0.315	2	0	23	0.001	5	0	23	-2.481	2
2568			min	0.001	16	-1.424	5	0	1	0	2	0	1	-11.214	5
2569		5	max	0.005	5	-0.63	2	0	23	0.001	5	0	23	0	23
2570			min	0.001	16	-2.848	5	0	1	0	2	0	1	0	1
2571	M274	1	max	0.001	5	3.662	6	0	23	0.003	6	0	23	0	23
2572			min	0	7	0.81	2	0	1	0.001	2	0	1	0	1
2573		2	max	0.001	5	1.831	6	0	23	0.003	6	0	23	-4.101	2
2574			min	0	7	0.405	2	0	1	0.001	2	0	1	-18.537	5
2575		3	max	0.001	5	0	23	0	23	0.003	6	0	23	-5.467	2
2576			min	0	7	0	1	0	1	0.001	2	0	1	-24.717	5
2577		4	max	0.001	5	-0.405	2	0	23	0.003	6	0	23	-4.101	2
2578			min	0	7	-1.831	5	0	1	0.001	2	0	1	-18.537	5
2579		5	max	0.001	5	-0.81	2	0	23	0.003	6	0	23	0	23
2580			min	0	7	-3.662	5	0	1	0.001	2	0	1	0	1
2581	M275	1	max	0	2	13.119	6	0	23	0.002	6	0	23	0	23
2582			min	-0.001	7	3.119	2	0	1	0	2	0	1	0	1
2583		2	max	0	2	6.559	6	0	23	0.002	6	0	23	-15.787	2
2584			min	-0.001	7	1.559	2	0	1	0	2	0	1	-66.415	5
2585		3	max	0	2	0	23	0	23	0.002	6	0	23	-21.05	2
2586			min	-0.001	7	0	1	0	1	0	2	0	1	-88.553	5
2587		4	max	0	2	-1.559	2	0	23	0.002	6	0	23	-15.787	2
2588			min	-0.001	7	-6.559	5	0	1	0	2	0	1	-66.415	5
2589		5	max	0	2	-3.119	2	0	23	0.002	6	0	23	0	23
2590			min	-0.001	7	-13.119	5	0	1	0	2	0	1	0	1
2591	M276	1	max	0	2	10.204	6	0	23	0	7	0	23	0	23
2592			min	0	7	2.425	2	0	1	0	2	0	1	0	1
2593		2	max	0	2	5.102	6	0	23	0	7	0	23	-9.55	2
2594			min	0	7	1.213	2	0	1	0	2	0	1	-40.177	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2595		3	max	0	2	0	23	0	23	0	7	0	23	-12.734	2
2596			min	0	7	0	1	0	1	0	2	0	1	-53.569	5
2597		4	max	0	2	-1.213	2	0	23	0	7	0	23	-9.55	2
2598			min	0	7	-5.102	5	0	1	0	2	0	1	-40.177	5
2599		5	max	0	2	-2.425	2	0	23	0	7	0	23	0	23
2600			min	0	7	-10.204	5	0	1	0	2	0	1	0	1
2601	M277	1	max	0	2	13.119	6	0	23	-0.001	2	0	23	0	23
2602			min	0	7	3.119	2	0	1	-0.003	6	0	1	0	1
2603		2	max	0	2	6.559	6	0	23	-0.001	2	0	23	-15.787	2
2604			min	0	7	1.559	2	0	1	-0.003	6	0	1	-66.415	5
2605		3	max	0	2	0	23	0	23	-0.001	2	0	23	-21.05	2
2606			min	0	7	0	1	0	1	-0.003	6	0	1	-88.553	5
2607		4	max	0	2	-1.559	2	0	23	-0.001	2	0	23	-15.787	2
2608			min	0	7	-6.559	5	0	1	-0.003	6	0	1	-66.415	5
2609		5	max	0	2	-3.119	2	0	23	-0.001	2	0	23	0	23
2610			min	0	7	-13.119	5	0	1	-0.003	6	0	1	0	1
2611	M278	1	max	0.001	7	13.119	6	0	23	0.001	5	0	23	0	23
2612			min	0	2	3.119	2	0	1	0	2	0	1	0	1
2613		2	max	0.001	7	6.559	6	0	23	0.001	5	0	23	-15.787	2
2614			min	0	2	1.559	2	0	1	0	2	0	1	-66.415	5
2615		3	max	0.001	7	0	23	0	23	0.001	5	0	23	-21.05	2
2616			min	0	2	0	1	0	1	0	2	0	1	-88.553	5
2617		4	max	0.001	7	-1.559	2	0	23	0.001	5	0	23	-15.787	2
2618			min	0	2	-6.559	5	0	1	0	2	0	1	-66.415	5
2619		5	max	0.001	7	-3.119	2	0	23	0.001	5	0	23	0	23
2620			min	0	2	-13.119	5	0	1	0	2	0	1	0	1
2621	M279	1	max	0.001	7	10.204	6	0	23	0	4	0	23	0	23
2622			min	0	2	2.425	2	0	1	-0.001	5	0	1	0	1
2623		2	max	0.001	7	5.102	6	0	23	0	4	0	23	-9.55	2
2624			min	0	2	1.213	2	0	1	-0.001	5	0	1	-40.177	5
2625		3	max	0.001	7	0	23	0	23	0	4	0	23	-12.734	2
2626			min	0	2	0	1	0	1	-0.001	5	0	1	-53.569	5
2627		4	max	0.001	7	-1.213	2	0	23	0	4	0	23	-9.55	2
2628			min	0	2	-5.102	5	0	1	-0.001	5	0	1	-40.177	5
2629		5	max	0.001	7	-2.425	2	0	23	0	4	0	23	0	23
2630			min	0	2	-10.204	5	0	1	-0.001	5	0	1	0	1
2631	M280	1	max	0	2	13.119	6	0	23	0.003	5	0	23	0	23
2632			min	0	7	3.119	2	0	1	0.001	2	0	1	0	1
2633		2	max	0	2	6.559	6	0	23	0.003	5	0	23	-15.787	2
2634			min	0	7	1.559	2	0	1	0.001	2	0	1	-66.415	5
2635		3	max	0	2	0	23	0	23	0.003	5	0	23	-21.05	2
2636			min	0	7	0	1	0	1	0.001	2	0	1	-88.553	5
2637		4	max	0	2	-1.559	2	0	23	0.003	5	0	23	-15.787	2
2638			min	0	7	-6.559	5	0	1	0.001	2	0	1	-66.415	5
2639		5	max	0	2	-3.119	2	0	23	0.003	5	0	23	0	23
2640			min	0	7	-13.119	5	0	1	0.001	2	0	1	0	1
2641	M281	1	max	0.003	7	3.662	6	0	23	0	23	0	23	0	23
2642			min	0	2	0.81	2	0	1	0	1	0	1	0	1
2643		2	max	0.003	7	1.831	6	0	23	0	23	0	23	-4.101	2
2644			min	0	2	0.405	2	0	1	0	1	0	1	-18.537	5
2645		3	max	0.003	7	0	23	0	23	0	23	0	23	-5.467	2
2646			min	0	2	0	1	0	1	0	1	0	1	-24.717	5
2647		4	max	0.003	7	-0.405	2	0	23	0	23	0	23	-4.101	2
2648			min	0	2	-1.831	5	0	1	0	1	0	1	-18.537	5
2649		5	max	0.003	7	-0.81	2	0	23	0	23	0	23	0	23
2650			min	0	2	-3.662	5	0	1	0	1	0	1	0	1
2651	M282	1	max	0	7	2.848	6	0	23	0	23	0	23	0	23
2652			min	0	16	0.63	2	0	1	0	1	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2653		2	max	0	7	1.424	6	0	23	0	23	0	23	-2.481	2
2654			min	0	16	0.315	2	0	1	0	1	0	1	-11.214	5
2655		3	max	0	7	0	23	0	23	0	23	0	23	-3.307	2
2656			min	0	16	0	1	0	1	0	1	0	1	-14.952	5
2657		4	max	0	7	-0.315	2	0	23	0	23	0	23	-2.481	2
2658			min	0	16	-1.424	5	0	1	0	1	0	1	-11.214	5
2659		5	max	0	7	-0.63	2	0	23	0	23	0	23	0	23
2660			min	0	16	-2.848	5	0	1	0	1	0	1	0	1
2661	M283	1	max	0.003	7	3.662	6	0	23	0	23	0	23	0	23
2662			min	0	2	0.81	2	0	1	0	1	0	1	0	1
2663		2	max	0.003	7	1.831	6	0	23	0	23	0	23	-4.101	2
2664			min	0	2	0.405	2	0	1	0	1	0	1	-18.537	5
2665		3	max	0.003	7	0	23	0	23	0	23	0	23	-5.467	2
2666			min	0	2	0	1	0	1	0	1	0	1	-24.717	5
2667		4	max	0.003	7	-0.405	2	0	23	0	23	0	23	-4.101	2
2668			min	0	2	-1.831	5	0	1	0	1	0	1	-18.537	5
2669		5	max	0.003	7	-0.81	2	0	23	0	23	0	23	0	23
2670			min	0	2	-3.662	5	0	1	0	1	0	1	0	1
2671	M284	1	max	-0.004	2	3.662	6	0	23	0.001	7	0	23	0	23
2672			min	-0.022	6	0.81	2	0	1	0	2	0	1	0	1
2673		2	max	-0.004	2	1.831	6	0	23	0.001	7	0	23	-4.101	2
2674			min	-0.022	6	0.405	2	0	1	0	2	0	1	-18.537	5
2675		3	max	-0.004	2	0	23	0	23	0.001	7	0	23	-5.467	2
2676			min	-0.022	6	0	1	0	1	0	2	0	1	-24.717	5
2677		4	max	-0.004	2	-0.405	2	0	23	0.001	7	0	23	-4.101	2
2678			min	-0.022	6	-1.831	5	0	1	0	2	0	1	-18.537	5
2679		5	max	-0.004	2	-0.81	2	0	23	0.001	7	0	23	0	23
2680			min	-0.022	6	-3.662	5	0	1	0	2	0	1	0	1
2681	M285	1	max	-0.007	2	2.848	6	0	23	0.001	5	0	23	0	23
2682			min	-0.037	6	0.63	2	0	1	0	2	0	1	0	1
2683		2	max	-0.007	2	1.424	6	0	23	0.001	5	0	23	-2.481	2
2684			min	-0.037	6	0.315	2	0	1	0	2	0	1	-11.214	5
2685		3	max	-0.007	2	0	23	0	23	0.001	5	0	23	-3.307	2
2686			min	-0.037	6	0	1	0	1	0	2	0	1	-14.952	5
2687		4	max	-0.007	2	-0.315	2	0	23	0.001	5	0	23	-2.481	2
2688			min	-0.037	6	-1.424	5	0	1	0	2	0	1	-11.214	5
2689		5	max	-0.007	2	-0.63	2	0	23	0.001	5	0	23	0	23
2690			min	-0.037	6	-2.848	5	0	1	0	2	0	1	0	1
2691	M286	1	max	-0.003	2	3.662	6	0	23	0.003	6	0	23	0	23
2692			min	-0.016	6	0.81	2	0	1	0.001	2	0	1	0	1
2693		2	max	-0.003	2	1.831	6	0	23	0.003	6	0	23	-4.101	2
2694			min	-0.016	6	0.405	2	0	1	0.001	2	0	1	-18.537	5
2695		3	max	-0.003	2	0	23	0	23	0.003	6	0	23	-5.467	2
2696			min	-0.016	6	0	1	0	1	0.001	2	0	1	-24.717	5
2697		4	max	-0.003	2	-0.405	2	0	23	0.003	6	0	23	-4.101	2
2698			min	-0.016	6	-1.831	5	0	1	0.001	2	0	1	-18.537	5
2699		5	max	-0.003	2	-0.81	2	0	23	0.003	6	0	23	0	23
2700			min	-0.016	6	-3.662	5	0	1	0.001	2	0	1	0	1
2701	M287	1	max	0	7	9.484	15	0	23	0.002	5	0	23	0	23
2702			min	0	2	0	2	0	1	0	2	0	1	0	1
2703		2	max	0	7	4.742	15	0	23	0.002	5	0	23	0	2
2704			min	0	2	0	2	0	1	0	2	0	1	-48.014	4
2705		3	max	0	7	0	23	0	23	0.002	5	0	23	0	2
2706			min	0	2	0	1	0	1	0	2	0	1	-64.019	4
2707		4	max	0	7	0	2	0	23	0.002	5	0	23	0	2
2708			min	0	2	-4.742	4	0	1	0	2	0	1	-48.014	4
2709		5	max	0	7	0	2	0	23	0.002	5	0	23	0	23
2710			min	0	2	-9.484	4	0	1	0	2	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2711	M288	1	max	0	2	7.377	15	0	23	0	7	0	23	0	23
2712			min	0	7	0	2	0	1	0	5	0	1	0	1
2713		2	max	0	2	3.688	15	0	23	0	7	0	23	0	2
2714			min	0	7	0	2	0	1	0	5	0	1	-29.046	4
2715		3	max	0	2	0	23	0	23	0	7	0	23	0	2
2716			min	0	7	0	1	0	1	0	5	0	1	-38.727	4
2717		4	max	0	2	0	2	0	23	0	7	0	23	0	2
2718			min	0	7	-3.688	4	0	1	0	5	0	1	-29.046	4
2719		5	max	0	2	0	2	0	23	0	7	0	23	0	23
2720			min	0	7	-7.377	4	0	1	0	5	0	1	0	1
2721	M289	1	max	0	7	13.119	6	0	23	-0.001	2	0	23	0	23
2722			min	0	2	3.119	2	0	1	-0.004	6	0	1	0	1
2723		2	max	0	7	6.559	6	0	23	-0.001	2	0	23	-15.787	2
2724			min	0	2	1.559	2	0	1	-0.004	6	0	1	-66.415	5
2725		3	max	0	7	0	23	0	23	-0.001	2	0	23	-21.05	2
2726			min	0	2	0	1	0	1	-0.004	6	0	1	-88.553	5
2727		4	max	0	7	-1.559	2	0	23	-0.001	2	0	23	-15.787	2
2728			min	0	2	-6.559	5	0	1	-0.004	6	0	1	-66.415	5
2729		5	max	0	7	-3.119	2	0	23	-0.001	2	0	23	0	23
2730			min	0	2	-13.119	5	0	1	-0.004	6	0	1	0	1
2731	M290	1	max	0	2	13.119	6	0	23	0	7	0	23	0	23
2732			min	-0.001	7	3.119	2	0	1	0	2	0	1	0	1
2733		2	max	0	2	6.559	6	0	23	0	7	0	23	-15.787	2
2734			min	-0.001	7	1.559	2	0	1	0	2	0	1	-66.415	5
2735		3	max	0	2	0	23	0	23	0	7	0	23	-21.05	2
2736			min	-0.001	7	0	1	0	1	0	2	0	1	-88.553	5
2737		4	max	0	2	-1.559	2	0	23	0	7	0	23	-15.787	2
2738			min	-0.001	7	-6.559	5	0	1	0	2	0	1	-66.415	5
2739		5	max	0	2	-3.119	2	0	23	0	7	0	23	0	23
2740			min	-0.001	7	-13.119	5	0	1	0	2	0	1	0	1
2741	M291	1	max	0	2	10.204	6	0	23	0.001	5	0	23	0	23
2742			min	-0.001	7	2.425	2	0	1	0	2	0	1	0	1
2743		2	max	0	2	5.102	6	0	23	0.001	5	0	23	-9.55	2
2744			min	-0.001	7	1.213	2	0	1	0	2	0	1	-40.177	5
2745		3	max	0	2	0	23	0	23	0.001	5	0	23	-12.734	2
2746			min	-0.001	7	0	1	0	1	0	2	0	1	-53.569	5
2747		4	max	0	2	-1.213	2	0	23	0.001	5	0	23	-9.55	2
2748			min	-0.001	7	-5.102	5	0	1	0	2	0	1	-40.177	5
2749		5	max	0	2	-2.425	2	0	23	0.001	5	0	23	0	23
2750			min	-0.001	7	-10.204	5	0	1	0	2	0	1	0	1
2751	M292	1	max	0	7	13.119	6	0	23	0.003	6	0	23	0	23
2752			min	0	2	3.119	2	0	1	0.001	2	0	1	0	1
2753		2	max	0	7	6.559	6	0	23	0.003	6	0	23	-15.787	2
2754			min	0	2	1.559	2	0	1	0.001	2	0	1	-66.415	5
2755		3	max	0	7	0	23	0	23	0.003	6	0	23	-21.05	2
2756			min	0	2	0	1	0	1	0.001	2	0	1	-88.553	5
2757		4	max	0	7	-1.559	2	0	23	0.003	6	0	23	-15.787	2
2758			min	0	2	-6.559	5	0	1	0.001	2	0	1	-66.415	5
2759		5	max	0	7	-3.119	2	0	23	0.003	6	0	23	0	23
2760			min	0	2	-13.119	5	0	1	0.001	2	0	1	0	1
2761	M293	1	max	0	2	3.662	6	0	23	0	23	0	23	0	23
2762			min	-0.001	7	0.81	2	0	1	0	1	0	1	0	1
2763		2	max	0	2	1.831	6	0	23	0	23	0	23	-4.101	2
2764			min	-0.001	7	0.405	2	0	1	0	1	0	1	-18.537	5
2765		3	max	0	2	0	23	0	23	0	23	0	23	-5.467	2
2766			min	-0.001	7	0	1	0	1	0	1	0	1	-24.717	5
2767		4	max	0	2	-0.405	2	0	23	0	23	0	23	-4.101	2
2768			min	-0.001	7	-1.831	5	0	1	0	1	0	1	-18.537	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2769		5	max	0	2	-0.81	2	0	23	0	23	0	23	0	23
2770			min	-0.001	7	-3.662	5	0	1	0	1	0	1	0	1
2771	M294	1	max	0	23	2.848	6	0	23	0	23	0	23	0	23
2772			min	0	7	0.63	2	0	1	0	1	0	1	0	1
2773		2	max	0	23	1.424	6	0	23	0	23	0	23	-2.481	2
2774			min	0	7	0.315	2	0	1	0	1	0	1	-11.214	5
2775		3	max	0	23	0	23	0	23	0	23	0	23	-3.307	2
2776			min	0	7	0	1	0	1	0	1	0	1	-14.952	5
2777		4	max	0	23	-0.315	2	0	23	0	23	0	23	-2.481	2
2778			min	0	7	-1.424	5	0	1	0	1	0	1	-11.214	5
2779		5	max	0	23	-0.63	2	0	23	0	23	0	23	0	23
2780			min	0	7	-2.848	5	0	1	0	1	0	1	0	1
2781	M295	1	max	0	2	3.662	6	0	23	0	23	0	23	0	23
2782			min	-0.001	7	0.81	2	0	1	0	1	0	1	0	1
2783		2	max	0	2	1.831	6	0	23	0	23	0	23	-4.101	2
2784			min	-0.001	7	0.405	2	0	1	0	1	0	1	-18.537	5
2785		3	max	0	2	0	23	0	23	0	23	0	23	-5.467	2
2786			min	-0.001	7	0	1	0	1	0	1	0	1	-24.717	5
2787		4	max	0	2	-0.405	2	0	23	0	23	0	23	-4.101	2
2788			min	-0.001	7	-1.831	5	0	1	0	1	0	1	-18.537	5
2789		5	max	0	2	-0.81	2	0	23	0	23	0	23	0	23
2790			min	-0.001	7	-3.662	5	0	1	0	1	0	1	0	1
2791	M296	1	max	0.013	6	3.662	6	0	23	0.001	7	0	23	0	23
2792			min	0.002	2	0.81	2	0	1	0	2	0	1	0	1
2793		2	max	0.013	6	1.831	6	0	23	0.001	7	0	23	-4.101	2
2794			min	0.002	2	0.405	2	0	1	0	2	0	1	-18.537	5
2795		3	max	0.013	6	0	23	0	23	0.001	7	0	23	-5.467	2
2796			min	0.002	2	0	1	0	1	0	2	0	1	-24.717	5
2797		4	max	0.013	6	-0.405	2	0	23	0.001	7	0	23	-4.101	2
2798			min	0.002	2	-1.831	5	0	1	0	2	0	1	-18.537	5
2799		5	max	0.013	6	-0.81	2	0	23	0.001	7	0	23	0	23
2800			min	0.002	2	-3.662	5	0	1	0	2	0	1	0	1
2801	M297	1	max	0.033	6	2.848	6	0	23	0.001	5	0	23	0	23
2802			min	0.006	2	0.63	2	0	1	0	2	0	1	0	1
2803		2	max	0.033	6	1.424	6	0	23	0.001	5	0	23	-2.481	2
2804			min	0.006	2	0.315	2	0	1	0	2	0	1	-11.214	5
2805		3	max	0.033	6	0	23	0	23	0.001	5	0	23	-3.307	2
2806			min	0.006	2	0	1	0	1	0	2	0	1	-14.952	5
2807		4	max	0.033	6	-0.315	2	0	23	0.001	5	0	23	-2.481	2
2808			min	0.006	2	-1.424	5	0	1	0	2	0	1	-11.214	5
2809		5	max	0.033	6	-0.63	2	0	23	0.001	5	0	23	0	23
2810			min	0.006	2	-2.848	5	0	1	0	2	0	1	0	1
2811	M298	1	max	0.015	6	3.662	6	0	23	0.003	6	0	23	0	23
2812			min	0.003	2	0.81	2	0	1	0.001	2	0	1	0	1
2813		2	max	0.015	6	1.831	6	0	23	0.003	6	0	23	-4.101	2
2814			min	0.003	2	0.405	2	0	1	0.001	2	0	1	-18.537	5
2815		3	max	0.015	6	0	23	0	23	0.003	6	0	23	-5.467	2
2816			min	0.003	2	0	1	0	1	0.001	2	0	1	-24.717	5
2817		4	max	0.015	6	-0.405	2	0	23	0.003	6	0	23	-4.101	2
2818			min	0.003	2	-1.831	5	0	1	0.001	2	0	1	-18.537	5
2819		5	max	0.015	6	-0.81	2	0	23	0.003	6	0	23	0	23
2820			min	0.003	2	-3.662	5	0	1	0.001	2	0	1	0	1
2821	M299	1	max	0	2	13.119	6	0	23	0.001	5	0	23	0	23
2822			min	0	7	3.119	2	0	1	0	2	0	1	0	1
2823		2	max	0	2	6.559	6	0	23	0.001	5	0	23	-15.787	2
2824			min	0	7	1.559	2	0	1	0	2	0	1	-66.415	5
2825		3	max	0	2	0	23	0	23	0.001	5	0	23	-21.05	2
2826			min	0	7	0	1	0	1	0	2	0	1	-88.553	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2827		4	max	0	2	-1.559	2	0	23	0.001	5	0	23	-15.787	2
2828			min	0	7	-6.559	5	0	1	0	2	0	1	-66.415	5
2829		5	max	0	2	-3.119	2	0	23	0.001	5	0	23	0	23
2830			min	0	7	-13.119	5	0	1	0	2	0	1	0	1
2831	M300	1	max	0	2	10.204	6	0	23	0	2	0	23	0	23
2832			min	0	7	2.425	2	0	1	-0.001	5	0	1	0	1
2833		2	max	0	2	5.102	6	0	23	0	2	0	23	-9.55	2
2834			min	0	7	1.213	2	0	1	-0.001	5	0	1	-40.177	5
2835		3	max	0	2	0	23	0	23	0	2	0	23	-12.734	2
2836			min	0	7	0	1	0	1	-0.001	5	0	1	-53.569	5
2837		4	max	0	2	-1.213	2	0	23	0	2	0	23	-9.55	2
2838			min	0	7	-5.102	5	0	1	-0.001	5	0	1	-40.177	5
2839		5	max	0	2	-2.425	2	0	23	0	2	0	23	0	23
2840			min	0	7	-10.204	5	0	1	-0.001	5	0	1	0	1
2841	M301	1	max	0	2	13.119	6	0	23	-0.001	2	0	23	0	23
2842			min	0	7	3.119	2	0	1	-0.005	6	0	1	0	1
2843		2	max	0	2	6.559	6	0	23	-0.001	2	0	23	-15.787	2
2844			min	0	7	1.559	2	0	1	-0.005	6	0	1	-66.415	5
2845		3	max	0	2	0	23	0	23	-0.001	2	0	23	-21.05	2
2846			min	0	7	0	1	0	1	-0.005	6	0	1	-88.553	5
2847		4	max	0	2	-1.559	2	0	23	-0.001	2	0	23	-15.787	2
2848			min	0	7	-6.559	5	0	1	-0.005	6	0	1	-66.415	5
2849		5	max	0	2	-3.119	2	0	23	-0.001	2	0	23	0	23
2850			min	0	7	-13.119	5	0	1	-0.005	6	0	1	0	1
2851	M302	1	max	0	7	13.119	6	0	23	0	7	0	23	0	23
2852			min	0	2	3.119	2	0	1	0	5	0	1	0	1
2853		2	max	0	7	6.559	6	0	23	0	7	0	23	-15.787	2
2854			min	0	2	1.559	2	0	1	0	5	0	1	-66.415	5
2855		3	max	0	7	0	23	0	23	0	7	0	23	-21.05	2
2856			min	0	2	0	1	0	1	0	5	0	1	-88.553	5
2857		4	max	0	7	-1.559	2	0	23	0	7	0	23	-15.787	2
2858			min	0	2	-6.559	5	0	1	0	5	0	1	-66.415	5
2859		5	max	0	7	-3.119	2	0	23	0	7	0	23	0	23
2860			min	0	2	-13.119	5	0	1	0	5	0	1	0	1
2861	M303	1	max	0	7	10.204	6	0	23	0.001	15	0	23	0	23
2862			min	0	2	2.425	2	0	1	0	2	0	1	0	1
2863		2	max	0	7	5.102	6	0	23	0.001	15	0	23	-9.55	2
2864			min	0	2	1.213	2	0	1	0	2	0	1	-40.177	5
2865		3	max	0	7	0	23	0	23	0.001	15	0	23	-12.734	2
2866			min	0	2	0	1	0	1	0	2	0	1	-53.569	5
2867		4	max	0	7	-1.213	2	0	23	0.001	15	0	23	-9.55	2
2868			min	0	2	-5.102	5	0	1	0	2	0	1	-40.177	5
2869		5	max	0	7	-2.425	2	0	23	0.001	15	0	23	0	23
2870			min	0	2	-10.204	5	0	1	0	2	0	1	0	1
2871	M304	1	max	0	2	13.119	6	0	23	0.005	6	0	23	0	23
2872			min	0	7	3.119	2	0	1	0.001	2	0	1	0	1
2873		2	max	0	2	6.559	6	0	23	0.005	6	0	23	-15.787	2
2874			min	0	7	1.559	2	0	1	0.001	2	0	1	-66.415	5
2875		3	max	0	2	0	23	0	23	0.005	6	0	23	-21.05	2
2876			min	0	7	0	1	0	1	0.001	2	0	1	-88.553	5
2877		4	max	0	2	-1.559	2	0	23	0.005	6	0	23	-15.787	2
2878			min	0	7	-6.559	5	0	1	0.001	2	0	1	-66.415	5
2879		5	max	0	2	-3.119	2	0	23	0.005	6	0	23	0	23
2880			min	0	7	-13.119	5	0	1	0.001	2	0	1	0	1
2881	M305	1	max	-0.024	2	0	23	0	2	-0.003	2	0	23	0	23
2882			min	-0.127	6	0	1	-0.397	4	-0.011	6	0	1	0	1
2883		2	max	-0.024	2	0	23	0	2	-0.003	2	0	2	0	23
2884			min	-0.127	6	0	1	-0.198	4	-0.011	6	-2.009	4	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2885		3	max	-0.024	2	0	23	0	23	-0.003	2	0	2	0	23
2886			min	-0.127	6	0	1	0	1	-0.011	6	-2.678	4	0	1
2887		4	max	-0.024	2	0	23	0.198	15	-0.003	2	0	2	0	23
2888			min	-0.127	6	0	1	0	2	-0.011	6	-2.009	4	0	1
2889		5	max	-0.024	2	0	23	0.397	15	-0.003	2	0	23	0	23
2890			min	-0.127	6	0	1	0	2	-0.011	6	0	1	0	1
2891	M306	1	max	5.233	6	0	23	0	2	0	7	0	23	0	23
2892			min	1.038	2	0	1	-0.309	4	-0.003	5	0	1	0	1
2893		2	max	5.233	6	0	23	0	2	0	7	0	2	0	23
2894			min	1.038	2	0	1	-0.154	4	-0.003	5	-1.215	4	0	1
2895		3	max	5.233	6	0	23	0	23	0	7	0	2	0	23
2896			min	1.038	2	0	1	0	1	-0.003	5	-1.62	4	0	1
2897		4	max	5.233	6	0	23	0.154	15	0	7	0	2	0	23
2898			min	1.038	2	0	1	0	2	-0.003	5	-1.215	4	0	1
2899		5	max	5.233	6	0	23	0.309	15	0	7	0	23	0	23
2900			min	1.038	2	0	1	0	2	-0.003	5	0	1	0	1
2901	M307	1	max	-0.231	2	0	23	0	2	0.017	5	0	23	0	23
2902			min	-1.127	6	0	1	-0.397	4	0.004	2	0	1	0	1
2903		2	max	-0.231	2	0	23	0	2	0.017	5	0	2	0	23
2904			min	-1.127	6	0	1	-0.198	4	0.004	2	-2.009	4	0	1
2905		3	max	-0.231	2	0	23	0	23	0.017	5	0	2	0	23
2906			min	-1.127	6	0	1	0	1	0.004	2	-2.678	4	0	1
2907		4	max	-0.231	2	0	23	0.198	15	0.017	5	0	2	0	23
2908			min	-1.127	6	0	1	0	2	0.004	2	-2.009	4	0	1
2909		5	max	-0.231	2	0	23	0.397	15	0.017	5	0	23	0	23
2910			min	-1.127	6	0	1	0	2	0.004	2	0	1	0	1
2911	M308	1	max	0.112	6	0	23	0	2	0.015	6	0	23	0	23
2912			min	0.021	2	0	1	-0.397	4	0.004	2	0	1	0	1
2913		2	max	0.112	6	0	23	0	2	0.015	6	0	2	0	23
2914			min	0.021	2	0	1	-0.198	4	0.004	2	-2.009	4	0	1
2915		3	max	0.112	6	0	23	0	23	0.015	6	0	2	0	23
2916			min	0.021	2	0	1	0	1	0.004	2	-2.678	4	0	1
2917		4	max	0.112	6	0	23	0.198	15	0.015	6	0	2	0	23
2918			min	0.021	2	0	1	0	2	0.004	2	-2.009	4	0	1
2919		5	max	0.112	6	0	23	0.397	15	0.015	6	0	23	0	23
2920			min	0.021	2	0	1	0	2	0.004	2	0	1	0	1
2921	M309	1	max	-0.016	2	0	7	0.004	2	0.059	5	0	23	0	23
2922			min	-0.471	8	0	5	-0.1	4	0.014	2	0	1	0	1
2923		2	max	-0.016	2	0	7	0.004	2	0.059	5	0.012	2	0	5
2924			min	-0.471	8	0	5	-0.022	4	0.014	2	-0.16	4	0	7
2925		3	max	-0.016	2	0	7	0.057	15	0.059	5	0.023	2	0	5
2926			min	-0.471	8	0	5	0.004	2	0.014	2	-0.117	4	-0.001	7
2927		4	max	-0.016	2	0	7	0.134	15	0.059	5	0.169	6	0	5
2928			min	-0.471	8	0	5	0.004	2	0.014	2	0.035	2	-0.001	7
2929		5	max	-0.016	2	0	7	0.212	15	0.059	5	0.601	15	0	5
2930			min	-0.471	8	0	5	0.004	2	0.014	2	0.046	2	-0.001	7
2931	M310	1	max	0.078	2	0	7	-0.004	2	-0.003	2	0.601	15	0.002	7
2932			min	-0.128	4	0	2	-0.212	8	-0.014	5	0.046	2	0	2
2933		2	max	0.078	2	0	7	-0.004	2	-0.003	2	0.169	6	0.002	7
2934			min	-0.128	4	0	2	-0.134	8	-0.014	5	0.035	2	0	2
2935		3	max	0.078	2	0	7	-0.004	2	-0.003	2	0.023	2	0.001	7
2936			min	-0.128	4	0	2	-0.057	8	-0.014	5	-0.117	4	0	2
2937		4	max	0.078	2	0	7	0.022	4	-0.003	2	0.012	2	0.001	7
2938			min	-0.128	4	0	2	-0.004	2	-0.014	5	-0.16	4	0	2
2939		5	max	0.078	2	0	7	0.1	4	-0.003	2	0	23	0	23
2940			min	-0.128	4	0	2	-0.004	2	-0.014	5	0	1	0	1
2941	M311	1	max	0.04	4	0	23	0	2	-0.006	2	0	23	0	23
2942			min	-0.008	2	0	1	-0.397	4	-0.026	5	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
2943		2	max	0.04	4	0	23	0	2	-0.006	2	0	2	0	23
2944			min	-0.008	2	0	1	-0.198	4	-0.026	5	-2.009	4	0	1
2945		3	max	0.04	4	0	23	0	23	-0.006	2	0	2	0	23
2946			min	-0.008	2	0	1	0	1	-0.026	5	-2.678	4	0	1
2947		4	max	0.04	4	0	23	0.198	15	-0.006	2	0	2	0	23
2948			min	-0.008	2	0	1	0	2	-0.026	5	-2.009	4	0	1
2949		5	max	0.04	4	0	23	0.397	15	-0.006	2	0	23	0	23
2950			min	-0.008	2	0	1	0	2	-0.026	5	0	1	0	1
2951	M312	1	max	-0.006	2	0	23	0	2	0.018	6	0	23	0	23
2952			min	-0.028	6	0	1	-0.397	4	0.005	2	0	1	0	1
2953		2	max	-0.006	2	0	23	0	2	0.018	6	0	2	0	23
2954			min	-0.028	6	0	1	-0.198	4	0.005	2	-2.009	4	0	1
2955		3	max	-0.006	2	0	23	0	23	0.018	6	0	2	0	23
2956			min	-0.028	6	0	1	0	1	0.005	2	-2.678	4	0	1
2957		4	max	-0.006	2	0	23	0.198	15	0.018	6	0	2	0	23
2958			min	-0.028	6	0	1	0	2	0.005	2	-2.009	4	0	1
2959		5	max	-0.006	2	0	23	0.397	15	0.018	6	0	23	0	23
2960			min	-0.028	6	0	1	0	2	0.005	2	0	1	0	1
2961	M313	1	max	-0.054	2	0	2	0.002	2	-0.003	2	0	23	0	23
2962			min	-0.627	8	0	5	-0.11	4	-0.014	6	0	1	0	1
2963		2	max	-0.054	2	0	2	0.002	2	-0.003	2	0.005	2	0	5
2964			min	-0.627	8	0	5	-0.033	4	-0.014	6	-0.187	4	0	2
2965		3	max	-0.054	2	0	2	0.046	15	-0.003	2	0.01	2	0	5
2966			min	-0.627	8	0	5	0.002	2	-0.014	6	-0.171	4	0	2
2967		4	max	-0.054	2	0	2	0.123	15	-0.003	2	0.066	6	0.001	5
2968			min	-0.627	8	0	5	0.002	2	-0.014	6	0.014	2	0	2
2969		5	max	-0.054	2	0	2	0.2	15	-0.003	2	0.478	15	0.001	5
2970			min	-0.627	8	0	5	0.002	2	-0.014	6	0.019	2	0	2
2971	M314	1	max	0.069	2	0	6	-0.002	2	0.02	5	0.478	15	0.001	6
2972			min	-0.214	4	0	2	-0.2	8	0.005	2	0.019	2	0	2
2973		2	max	0.069	2	0	6	-0.002	2	0.02	5	0.066	6	0.001	6
2974			min	-0.214	4	0	2	-0.123	8	0.005	2	0.014	2	0	2
2975		3	max	0.069	2	0	6	-0.002	2	0.02	5	0.01	2	0.001	6
2976			min	-0.214	4	0	2	-0.046	8	0.005	2	-0.171	4	0	2
2977		4	max	0.069	2	0	6	0.033	4	0.02	5	0.005	2	0	6
2978			min	-0.214	4	0	2	-0.002	2	0.005	2	-0.187	4	0	2
2979		5	max	0.069	2	0	6	0.11	4	0.02	5	0	23	0	23
2980			min	-0.214	4	0	2	-0.002	2	0.005	2	0	1	0	1
2981	M315	1	max	0.206	5	0	23	0	2	-0.005	2	0	23	0	23
2982			min	0.041	2	0	1	-0.397	4	-0.019	5	0	1	0	1
2983		2	max	0.206	5	0	23	0	2	-0.005	2	0	2	0	23
2984			min	0.041	2	0	1	-0.198	4	-0.019	5	-2.009	4	0	1
2985		3	max	0.206	5	0	23	0	23	-0.005	2	0	2	0	23
2986			min	0.041	2	0	1	0	1	-0.019	5	-2.678	4	0	1
2987		4	max	0.206	5	0	23	0.198	15	-0.005	2	0	2	0	23
2988			min	0.041	2	0	1	0	2	-0.019	5	-2.009	4	0	1
2989		5	max	0.206	5	0	23	0.397	15	-0.005	2	0	23	0	23
2990			min	0.041	2	0	1	0	2	-0.019	5	0	1	0	1
2991	M316	1	max	0	2	0	23	0	2	-0.008	2	0	23	0	23
2992			min	-0.003	5	0	1	-0.397	4	-0.033	6	0	1	0	1
2993		2	max	0	2	0	23	0	2	-0.008	2	0	2	0	23
2994			min	-0.003	5	0	1	-0.198	4	-0.033	6	-2.009	4	0	1
2995		3	max	0	2	0	23	0	23	-0.008	2	0	2	0	23
2996			min	-0.003	5	0	1	0	1	-0.033	6	-2.678	4	0	1
2997		4	max	0	2	0	23	0.198	15	-0.008	2	0	2	0	23
2998			min	-0.003	5	0	1	0	2	-0.033	6	-2.009	4	0	1
2999		5	max	0	2	0	23	0.397	15	-0.008	2	0	23	0	23
3000			min	-0.003	5	0	1	0	2	-0.033	6	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3001	M317	1	max	0	2	0	2	0.001	2	-0.008	2	0	23	0	23
3002			min	-0.011	7	0	5	-0.112	4	-0.036	5	0	1	0	1
3003		2	max	0	2	0	2	0.001	2	-0.008	2	0.003	2	0	5
3004			min	-0.011	7	0	5	-0.035	4	-0.036	5	-0.193	4	0	2
3005		3	max	0	2	0	2	0.043	15	-0.008	2	0.006	2	0	5
3006			min	-0.011	7	0	5	0.001	2	-0.036	5	-0.184	4	0	2
3007		4	max	0	2	0	2	0.12	15	-0.008	2	0.042	6	0	5
3008			min	-0.011	7	0	5	0.001	2	-0.036	5	0.01	2	0	2
3009		5	max	0	2	0	2	0.197	15	-0.008	2	0.451	15	0	5
3010			min	-0.011	7	0	5	0.001	2	-0.036	5	0.013	2	0	2
3011	M318	1	max	0.302	5	0	2	-0.001	2	-0.007	2	0.451	15	0	2
3012			min	0.078	2	0	5	-0.197	8	-0.033	6	0.013	2	0	5
3013		2	max	0.302	5	0	2	-0.001	2	-0.007	2	0.042	6	0	2
3014			min	0.078	2	0	5	-0.12	8	-0.033	6	0.01	2	0	5
3015		3	max	0.302	5	0	2	-0.001	2	-0.007	2	0.006	2	0	2
3016			min	0.078	2	0	5	-0.043	8	-0.033	6	-0.184	4	0	5
3017		4	max	0.302	5	0	2	0.035	4	-0.007	2	0.003	2	0	2
3018			min	0.078	2	0	5	-0.001	2	-0.033	6	-0.193	4	0	5
3019		5	max	0.302	5	0	2	0.112	4	-0.007	2	0	23	0	23
3020			min	0.078	2	0	5	-0.001	2	-0.033	6	0	1	0	1
3021	M319	1	max	0.293	5	0	23	0	2	0.027	5	0	23	0	23
3022			min	0.075	2	0	1	-0.397	4	0.007	2	0	1	0	1
3023		2	max	0.293	5	0	23	0	2	0.027	5	0	2	0	23
3024			min	0.075	2	0	1	-0.198	4	0.007	2	-2.009	4	0	1
3025		3	max	0.293	5	0	23	0	23	0.027	5	0	2	0	23
3026			min	0.075	2	0	1	0	1	0.007	2	-2.678	4	0	1
3027		4	max	0.293	5	0	23	0.198	15	0.027	5	0	2	0	23
3028			min	0.075	2	0	1	0	2	0.007	2	-2.009	4	0	1
3029		5	max	0.293	5	0	23	0.397	15	0.027	5	0	23	0	23
3030			min	0.075	2	0	1	0	2	0.007	2	0	1	0	1
3031	M320	1	max	7.913	6	0.514	15	0	23	-0.002	2	0	23	0	23
3032			min	1.419	2	0	2	0	1	-0.014	6	0	1	0	1
3033		2	max	7.75	6	0.257	15	0	23	-0.002	2	0	23	0	2
3034			min	1.419	2	0	2	0	1	-0.014	6	0	1	-1.621	8
3035		3	max	7.587	6	0	23	0	23	-0.002	2	0	23	0	2
3036			min	1.419	2	0	1	0	1	-0.014	6	0	1	-2.161	8
3037		4	max	7.423	6	0	2	0	23	-0.002	2	0	23	0	2
3038			min	1.419	2	-0.257	4	0	1	-0.014	6	0	1	-1.621	8
3039		5	max	7.26	6	0	2	0	23	-0.002	2	0	23	0	23
3040			min	1.419	2	-0.514	4	0	1	-0.014	6	0	1	0	1
3041	M321	1	max	8.624	6	0.515	15	0	23	0.014	5	0	23	0	23
3042			min	1.563	2	0	2	0	1	0.003	2	0	1	0	1
3043		2	max	8.46	6	0.257	15	0	23	0.014	5	0	23	0	2
3044			min	1.563	2	0	2	0	1	0.003	2	0	1	-1.621	8
3045		3	max	8.297	6	0	23	0	23	0.014	5	0	23	0	2
3046			min	1.563	2	0	1	0	1	0.003	2	0	1	-2.161	8
3047		4	max	8.134	6	0	2	0	23	0.014	5	0	23	0	2
3048			min	1.563	2	-0.257	4	0	1	0.003	2	0	1	-1.621	8
3049		5	max	7.97	6	0	2	0	23	0.014	5	0	23	0	23
3050			min	1.563	2	-0.514	4	0	1	0.003	2	0	1	0	1
3051	M322	1	max	1.121	15	0.178	4	0	23	-0.012	2	0	23	0	23
3052			min	0.076	2	0	2	0	1	-0.055	6	0	1	0	1
3053		2	max	1.024	15	0.089	4	0	23	-0.012	2	0	23	0	2
3054			min	0.076	2	0	2	0	1	-0.055	6	0	1	-0.518	4
3055		3	max	0.927	15	0	23	0	23	-0.012	2	0	23	0	2
3056			min	0.076	2	0	1	0	1	-0.055	6	0	1	-0.691	4
3057		4	max	0.83	15	0	2	0	23	-0.012	2	0	23	0	2
3058			min	0.076	2	-0.089	8	0	1	-0.055	6	0	1	-0.518	4

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3059		5	max	0.732	15	0	2	0	23	-0.012	2	0	23	0	23
3060			min	0.076	2	-0.178	8	0	1	-0.055	6	0	1	0	1
3061	M323	1	max	0.583	4	0.178	4	0	23	0.053	5	0	23	0	23
3062			min	-0.064	2	0	2	0	1	0.012	2	0	1	0	1
3063		2	max	0.486	4	0.089	4	0	23	0.053	5	0	23	0	2
3064			min	-0.064	2	0	2	0	1	0.012	2	0	1	-0.518	4
3065		3	max	0.389	4	0	23	0	23	0.053	5	0	23	0	2
3066			min	-0.064	2	0	1	0	1	0.012	2	0	1	-0.691	4
3067		4	max	0.291	4	0	2	0	23	0.053	5	0	23	0	2
3068			min	-0.064	2	-0.089	8	0	1	0.012	2	0	1	-0.518	4
3069		5	max	0.194	4	0	2	0	23	0.053	5	0	23	0	23
3070			min	-0.064	2	-0.178	8	0	1	0.012	2	0	1	0	1
3071	M324	1	max	1.122	15	0.178	15	0	23	0.023	6	0	23	0	23
3072			min	0.088	2	0	2	0	1	0.005	2	0	1	0	1
3073		2	max	1.037	15	0.089	15	0	23	0.023	6	0	23	0	2
3074			min	0.088	2	0	2	0	1	0.005	2	0	1	-0.483	8
3075		3	max	0.953	15	0	23	0	23	0.023	6	0	23	0	2
3076			min	0.088	2	0	1	0	1	0.005	2	0	1	-0.644	8
3077		4	max	0.868	15	0	2	0	23	0.023	6	0	23	0	2
3078			min	0.088	2	-0.089	4	0	1	0.005	2	0	1	-0.483	8
3079		5	max	0.784	15	0	2	0	23	0.023	6	0	23	0	23
3080			min	0.088	2	-0.178	4	0	1	0.005	2	0	1	0	1
3081	M325	1	max	0.546	4	0.178	15	0	23	-0.005	2	0	23	0	23
3082			min	-0.082	2	0	2	0	1	-0.023	6	0	1	0	1
3083		2	max	0.461	4	0.089	15	0	23	-0.005	2	0	23	0	2
3084			min	-0.082	2	0	2	0	1	-0.023	6	0	1	-0.483	8
3085		3	max	0.376	4	0	23	0	23	-0.005	2	0	23	0	2
3086			min	-0.082	2	0	1	0	1	-0.023	6	0	1	-0.644	8
3087		4	max	0.292	4	0	2	0	23	-0.005	2	0	23	0	2
3088			min	-0.082	2	-0.089	4	0	1	-0.023	6	0	1	-0.483	8
3089		5	max	0.207	4	0	2	0	23	-0.005	2	0	23	0	23
3090			min	-0.082	2	-0.178	4	0	1	-0.023	6	0	1	0	1
3091	M326	1	max	0.989	15	0.178	15	0	23	0.003	5	0	23	0	23
3092			min	0.057	2	0	2	0	1	0.001	2	0	1	0	1
3093		2	max	0.901	15	0.089	15	0	23	0.003	5	0	23	0	2
3094			min	0.057	2	0	2	0	1	0.001	2	0	1	-0.494	4
3095		3	max	0.812	15	0	23	0	23	0.003	5	0	23	0	2
3096			min	0.057	2	0	1	0	1	0.001	2	0	1	-0.659	4
3097		4	max	0.723	15	0	2	0	23	0.003	5	0	23	0	2
3098			min	0.057	2	-0.089	4	0	1	0.001	2	0	1	-0.494	4
3099		5	max	0.634	15	0	2	0	23	0.003	5	0	23	0	23
3100			min	0.057	2	-0.178	4	0	1	0.001	2	0	1	0	1
3101	M327	1	max	0.659	4	0.178	15	0	23	0	7	0	23	0	23
3102			min	-0.054	2	0	2	0	1	-0.002	5	0	1	0	1
3103		2	max	0.57	4	0.089	15	0	23	0	7	0	23	0	2
3104			min	-0.054	2	0	2	0	1	-0.002	5	0	1	-0.494	4
3105		3	max	0.481	4	0	23	0	23	0	7	0	23	0	2
3106			min	-0.054	2	0	1	0	1	-0.002	5	0	1	-0.659	4
3107		4	max	0.393	4	0	2	0	23	0	7	0	23	0	2
3108			min	-0.054	2	-0.089	4	0	1	-0.002	5	0	1	-0.494	4
3109		5	max	0.304	4	0	2	0	23	0	7	0	23	0	23
3110			min	-0.054	2	-0.178	4	0	1	-0.002	5	0	1	0	1
3111	M328	1	max	0	7	0.221	4	0	23	0	23	0	23	0	2
3112			min	0	2	0	2	0	1	0	1	0	1	-38.838	7
3113		2	max	0	7	0	23	0	23	0	23	0	23	0	2
3114			min	0	2	0	7	0	1	0	1	0	1	-39.264	7
3115		3	max	0	7	0	2	0	23	0	23	0	23	0	2
3116			min	0	2	-4.126	7	0	1	0	1	0	1	-38.838	7

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3117		4	max	0	7	0	2	0	23	0	23	0	23	0	2
3118			min	0	2	-4.315	7	0	1	0	1	0	1	-19.845	7
3119		5	max	0	7	0	2	0	23	0	23	0	23	0	23
3120			min	0	2	-4.505	7	0	1	0	1	0	1	0	1
3121	M329	1	max	0.03	7	0.164	4	0	4	0	6	0	2	0	2
3122			min	0	2	0	2	0	2	0	16	0	4	-85.48	7
3123		2	max	0.03	7	0	2	0	4	0	6	0	2	0	2
3124			min	0	2	0	7	0	2	0	16	0	4	-85.795	7
3125		3	max	0.03	7	0	2	0	4	0	6	0	2	0	2
3126			min	0	2	-9.357	7	0	2	0	16	0	4	-85.477	7
3127		4	max	0.03	7	0	2	0	4	0	6	0	2	0	2
3128			min	0	2	-9.497	7	0	2	0	16	0	4	-43.055	7
3129		5	max	0.03	7	0	2	0	4	0	6	0	23	0	23
3130			min	0	2	-9.638	7	0	2	0	16	0	1	0	1
3131	M330	1	max	0.006	7	0.164	4	0	6	0	6	-0.001	2	0	2
3132			min	0	2	0	2	0	2	0	4	-0.004	6	-85.475	7
3133		2	max	0.006	7	0	2	0	6	0	6	0	2	0	2
3134			min	0	2	0	7	0	2	0	4	-0.003	6	-85.791	7
3135		3	max	0.006	7	0	2	0	6	0	6	0	2	0	2
3136			min	0	2	-9.357	7	0	2	0	4	-0.002	6	-85.475	7
3137		4	max	0.006	7	0	2	0	6	0	6	0	2	0	2
3138			min	0	2	-9.497	7	0	2	0	4	-0.001	6	-43.054	7
3139		5	max	0.006	7	0	2	0	6	0	6	0	23	0	23
3140			min	0	2	-9.638	7	0	2	0	4	0	1	0	1
3141	M331	1	max	0	7	0.253	15	0	6	0	2	-0.001	2	0	2
3142			min	0	5	0	2	0	2	0	6	-0.004	6	-39.334	7
3143		2	max	0	7	0	23	0	6	0	2	0	2	0	2
3144			min	0	5	0	7	0	2	0	6	-0.003	6	-39.822	7
3145		3	max	0	7	0	2	0	6	0	2	0	2	0	2
3146			min	0	5	-4.154	7	0	2	0	6	-0.002	6	-39.334	7
3147		4	max	0	7	0	2	0	6	0	2	0	2	0	2
3148			min	0	5	-4.37	7	0	2	0	6	-0.001	6	-20.155	7
3149		5	max	0	7	0	2	0	6	0	2	0	23	0	23
3150			min	0	5	-4.587	7	0	2	0	6	0	1	0	1
3151	M332	1	max	-0.002	2	4.327	7	0	23	0	2	0	23	0	23
3152			min	-0.01	5	0.597	2	0	1	-0.008	7	0	1	0	1
3153		2	max	-0.002	2	3.238	6	0	23	0	2	0	23	-2.04	2
3154			min	-0.01	5	0.597	2	0	1	-0.008	7	0	1	-12.643	7
3155		3	max	-0.002	2	0.486	6	0	23	0	2	0	23	-2.72	2
3156			min	-0.01	5	0.117	2	0	1	-0.008	7	0	1	-16.858	7
3157		4	max	-0.002	2	-0.363	2	0	23	0	2	0	23	-2.04	2
3158			min	-0.01	5	-2.36	7	0	1	-0.008	7	0	1	-12.643	7
3159		5	max	-0.002	2	-0.843	2	0	23	0	2	0	23	0	23
3160			min	-0.01	5	-5.077	7	0	1	-0.008	7	0	1	0	1
3161	M333	1	max	-0.002	2	6.528	7	0	23	-0.001	2	0	23	0	23
3162			min	-0.007	5	1.043	2	0	1	-0.017	7	0	1	0	1
3163		2	max	-0.002	2	3.391	7	0	23	-0.001	2	0	23	-3.69	2
3164			min	-0.007	5	0.563	2	0	1	-0.017	7	0	1	-22.704	7
3165		3	max	-0.002	2	0.346	6	0	23	-0.001	2	0	23	-4.92	2
3166			min	-0.007	5	0.083	2	0	1	-0.017	7	0	1	-30.272	7
3167		4	max	-0.002	2	-0.397	2	0	23	-0.001	2	0	23	-3.69	2
3168			min	-0.007	5	-2.883	7	0	1	-0.017	7	0	1	-22.704	7
3169		5	max	-0.002	2	-0.877	2	0	23	-0.001	2	0	23	0	23
3170			min	-0.007	5	-6.02	7	0	1	-0.017	7	0	1	0	1
3171	M334	1	max	-0.001	2	4.326	7	0	23	0.014	7	0	23	0	23
3172			min	-0.004	5	0.597	2	0	1	0	2	0	1	0	1
3173		2	max	-0.001	2	3.238	6	0	23	0.014	7	0	23	-2.04	2
3174			min	-0.004	5	0.597	2	0	1	0	2	0	1	-12.641	7

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3175		3	max	-0.001	2	0.486	6	0	23	0.014	7	0	23	-2.72	2
3176			min	-0.004	5	0.117	2	0	1	0	2	0	1	-16.855	7
3177		4	max	-0.001	2	-0.363	2	0	23	0.014	7	0	23	-2.04	2
3178			min	-0.004	5	-2.36	7	0	1	0	2	0	1	-12.641	7
3179		5	max	-0.001	2	-0.843	2	0	23	0.014	7	0	23	0	23
3180			min	-0.004	5	-5.077	7	0	1	0	2	0	1	0	1
3181	M335	1	max	68.996	6	1.437	5	0.078	5	0	2	-0.142	2	2.021	5
3182			min	13.436	2	0.366	2	0.019	2	0	5	-0.579	5	0.515	2
3183		2	max	68.898	6	1.437	5	0.078	5	0	2	-0.092	2	-0.446	2
3184			min	13.436	2	0.366	2	0.019	2	0	5	-0.374	5	-1.751	5
3185		3	max	68.8	6	1.437	5	0.078	5	0	2	-0.041	2	-1.408	2
3186			min	13.436	2	0.366	2	0.019	2	0	5	-0.169	5	-5.523	5
3187		4	max	68.703	6	1.437	5	0.078	5	0	2	0.036	5	-2.37	2
3188			min	13.436	2	0.366	2	0.019	2	0	5	0.009	2	-9.295	5
3189		5	max	68.605	6	1.437	5	0.078	5	0	2	0.241	5	-3.331	2
3190			min	13.436	2	0.366	2	0.019	2	0	5	0.06	2	-13.067	5
3191	M336	1	max	18.153	5	0.044	6	0	2	0	7	0	7	0.207	5
3192			min	4.392	2	0.012	2	0	6	0	2	0	2	0.058	2
3193		2	max	18.131	5	0.044	6	0	2	0	7	0	7	0.096	5
3194			min	4.392	2	0.012	2	0	6	0	2	0	5	0.027	2
3195		3	max	18.11	5	0.044	6	0	2	0	7	0	2	-0.003	2
3196			min	4.392	2	0.012	2	0	6	0	2	0	5	-0.016	6
3197		4	max	18.089	5	0.044	6	0	2	0	7	0	2	-0.033	2
3198			min	4.392	2	0.012	2	0	6	0	2	0	5	-0.127	6
3199		5	max	18.068	5	0.044	6	0	2	0	7	0	2	-0.063	2
3200			min	4.392	2	0.012	2	0	6	0	2	0	5	-0.238	6
3201	M337	1	max	84.783	6	0	23	0	2	0	23	0	7	0	23
3202			min	18.782	2	0	1	0	7	0	1	0	2	0	1
3203		2	max	84.716	6	0	23	0	2	0	23	0	2	0	23
3204			min	18.782	2	0	1	0	7	0	1	0	7	0	1
3205		3	max	84.649	6	0	23	0	2	0	23	0	2	0	23
3206			min	18.782	2	0	1	0	7	0	1	0	7	0	1
3207		4	max	84.582	6	0	23	0	2	0	23	0	2	0	23
3208			min	18.782	2	0	1	0	7	0	1	0	7	0	1
3209		5	max	84.514	6	0	23	0	2	0	23	0	2	0	23
3210			min	18.782	2	0	1	0	7	0	1	0	7	0	1
3211	M338	1	max	67.946	6	0.651	6	0.003	5	0	23	-0.002	2	10.923	6
3212			min	13.853	2	0.141	2	0.001	2	0	1	-0.006	5	2.551	2
3213		2	max	67.615	6	0.651	6	0.003	5	0	23	0.001	5	9.061	5
3214			min	13.853	2	0.141	2	0.001	2	0	1	0	2	2.145	2
3215		3	max	67.284	6	0.651	6	0.003	5	0	23	0.009	5	7.223	5
3216			min	13.853	2	0.141	2	0.001	2	0	1	0.002	2	1.739	2
3217		4	max	66.953	6	0.651	6	0.003	5	0	23	0.016	5	5.386	5
3218			min	13.853	2	0.141	2	0.001	2	0	1	0.004	2	1.333	2
3219		5	max	66.622	6	0.651	6	0.003	5	0	23	0.024	5	3.549	5
3220			min	13.853	2	0.141	2	0.001	2	0	1	0.006	2	0.927	2
3221	M339	1	max	2.255	5	0	2	10.319	6	0	6	-3.518	2	0	2
3222			min	0.565	2	0	5	2.483	2	0	2	-14.714	6	0	5
3223		2	max	2.255	5	0	2	10.352	6	0	6	-2.639	2	0	2
3224			min	0.565	2	0	5	2.483	2	0	2	-11.053	6	0	5
3225		3	max	2.255	5	0	2	10.384	6	0	6	-1.759	2	0	2
3226			min	0.565	2	0	5	2.483	2	0	2	-7.38	6	0	5
3227		4	max	2.255	5	0	2	10.416	6	0	6	-0.88	2	0	2
3228			min	0.565	2	0	5	2.483	2	0	2	-3.696	6	0	5
3229		5	max	2.255	5	0	2	10.448	6	0	6	0	23	0	23
3230			min	0.565	2	0	5	2.483	2	0	2	0	1	0	1
3231	M340	1	max	19.524	5	5.229	5	0	2	0	5	0	5	1.067	5
3232			min	4.695	2	1.277	2	0	5	0	2	0	2	0.189	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3233		2	max	19.524	5	5.199	5	0	2	0	5	0	5	-1.36	2
3234			min	4.695	2	1.277	2	0	5	0	2	0	2	-5.264	6
3235		3	max	19.524	5	5.17	5	0	2	0	5	0	5	-2.909	2
3236			min	4.695	2	1.277	2	0	5	0	2	0	2	-11.555	6
3237		4	max	19.524	5	-1.963	2	0	2	0	5	0	5	-2.383	2
3238			min	4.695	2	-7.82	6	0	5	0	2	0	2	-9.507	6
3239		5	max	19.524	5	-1.963	2	0	2	0	5	0	23	0	23
3240			min	4.695	2	-7.849	6	0	5	0	2	0	1	0	1
3241	M341	1	max	58.887	6	0	23	0	7	0	23	0	2	0	23
3242			min	12.618	2	0	1	0	2	0	1	0	7	0	1
3243		2	max	58.846	6	0	23	0	7	0	23	0	7	0	23
3244			min	12.618	2	0	1	0	2	0	1	0	2	0	1
3245		3	max	58.805	6	0	23	0	7	0	23	0	7	0	23
3246			min	12.618	2	0	1	0	2	0	1	0	2	0	1
3247		4	max	58.764	6	0	23	0	7	0	23	0	7	0	23
3248			min	12.618	2	0	1	0	2	0	1	0	2	0	1
3249		5	max	58.723	6	0	23	0	7	0	23	0	7	0	23
3250			min	12.618	2	0	1	0	2	0	1	0	2	0	1
3251	M342	1	max	-7.853	2	0.023	15	0	23	0	2	0	23	0	23
3252			min	-34.007	6	0	2	0	1	0	5	0	1	0	1
3253		2	max	-7.853	2	0.012	15	0	23	0	2	0	23	0	2
3254			min	-34.031	6	0	2	0	1	0	5	0	1	-0.054	8
3255		3	max	-7.853	2	0	23	0	23	0	2	0	23	0	2
3256			min	-34.054	6	0	1	0	1	0	5	0	1	-0.072	8
3257		4	max	-7.853	2	0	2	0	23	0	2	0	23	0	2
3258			min	-34.077	6	-0.012	4	0	1	0	5	0	1	-0.054	8
3259		5	max	-7.853	2	0	2	0	23	0	2	0	23	0	23
3260			min	-34.101	6	-0.023	4	0	1	0	5	0	1	0	1
3261	M343	1	max	13.54	5	5.354	5	0	6	0	2	0	2	1.677	5
3262			min	3.298	2	1.3	2	0	2	-0.001	5	0	6	0.305	2
3263		2	max	13.54	5	5.325	5	0	6	0	2	0	2	-1.273	2
3264			min	3.298	2	1.3	2	0	2	-0.001	5	0	6	-4.805	6
3265		3	max	13.54	5	5.296	5	0	6	0	2	0	2	-2.851	2
3266			min	3.298	2	1.3	2	0	2	-0.001	5	0	6	-11.249	6
3267		4	max	13.54	5	-1.94	2	0	6	0	2	0	2	-2.354	2
3268			min	3.298	2	-7.694	6	0	2	-0.001	5	0	6	-9.354	6
3269		5	max	13.54	5	-1.94	2	0	6	0	2	0	23	0	23
3270			min	3.298	2	-7.723	6	0	2	-0.001	5	0	1	0	1
3271	M344	1	max	18.459	7	4.211	7	-0.006	2	0	4	0.241	5	20.022	6
3272			min	0.071	2	0.475	2	-0.023	5	0	2	0.06	2	3.696	2
3273		2	max	18.361	7	4.211	7	-0.006	2	0	4	0.181	5	10.523	5
3274			min	0.071	2	0.475	2	-0.023	5	0	2	0.045	2	2.448	2
3275		3	max	18.263	7	4.211	7	-0.006	2	0	4	0.12	5	2.28	5
3276			min	0.071	2	0.475	2	-0.023	5	0	2	0.03	2	-3.389	7
3277		4	max	18.165	7	4.211	7	-0.006	2	0	4	0.06	5	-0.047	2
3278			min	0.071	2	0.475	2	-0.023	5	0	2	0.015	2	-14.442	7
3279		5	max	18.067	7	4.211	7	-0.006	2	0	4	0	2	-1.294	2
3280			min	0.071	2	0.475	2	-0.023	5	0	2	0	6	-25.496	7
3281	M345	1	max	-2.029	2	5.47	6	0	7	0.003	5	0	2	2.239	6
3282			min	-7.637	5	1.325	2	0	2	0.001	2	0	7	0.423	2
3283		2	max	-2.029	2	5.441	6	0	7	0.003	5	0	2	-1.185	2
3284			min	-7.637	5	1.325	2	0	2	0.001	2	0	7	-4.402	5
3285		3	max	-2.029	2	5.412	6	0	7	0.003	5	0	2	-2.793	2
3286			min	-7.637	5	1.325	2	0	2	0.001	2	0	7	-10.98	5
3287		4	max	-2.029	2	-1.915	2	0	7	0.003	5	0	2	-2.324	2
3288			min	-7.637	5	-7.583	5	0	2	0.001	2	0	7	-9.22	5
3289		5	max	-2.029	2	-1.915	2	0	7	0.003	5	0	23	0	23
3290			min	-7.637	5	-7.612	5	0	2	0.001	2	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3291	M346	1	max	1.055	6	-0.018	2	0	2	0	2	0	7	0.125	2
3292			min	0.285	16	-0.153	6	0	7	0	5	0	2	-0.704	4
3293		2	max	1.055	6	-0.018	2	0	2	0	2	0	7	0.164	2
3294			min	0.285	16	-0.208	8	0	7	0	5	0	2	-0.349	4
3295		3	max	1.055	6	-0.018	2	0	2	0	2	0	7	0.439	5
3296			min	0.285	16	-0.268	8	0	7	0	5	0	2	0.067	16
3297		4	max	1.055	6	-0.018	2	0	2	0	2	0	5	1.026	5
3298			min	0.285	16	-0.327	8	0	7	0	5	0	7	0.243	2
3299		5	max	1.055	6	-0.018	2	0	2	0	2	0	5	1.728	6
3300			min	0.285	16	-0.387	8	0	7	0	5	0	7	0.283	2
3301	M347	1	max	-6.815	2	0.029	15	0	23	0.001	5	0	23	0	23
3302			min	-28.629	5	0	2	0	1	0	2	0	1	0	1
3303		2	max	-6.815	2	0.014	15	0	23	0.001	5	0	23	0	2
3304			min	-28.654	5	0	2	0	1	0	2	0	1	-0.06	4
3305		3	max	-6.815	2	0	23	0	23	0.001	5	0	23	0	2
3306			min	-28.68	5	0	1	0	1	0	2	0	1	-0.08	4
3307		4	max	-6.815	2	0	2	0	23	0.001	5	0	23	0	2
3308			min	-28.705	5	-0.014	4	0	1	0	2	0	1	-0.06	4
3309		5	max	-6.815	2	0	2	0	23	0.001	5	0	23	0	23
3310			min	-28.731	5	-0.029	4	0	1	0	2	0	1	0	1
3311	M348	1	max	-0.231	2	-6.873	2	0.126	5	0.022	5	-0.046	2	-9.74	2
3312			min	-0.935	5	-33.789	6	0.032	2	0.006	2	-0.178	5	-47.938	6
3313		2	max	-0.231	2	-6.873	2	0.126	5	0.022	5	-0.034	2	-7.305	2
3314			min	-0.935	5	-33.81	6	0.032	2	0.006	2	-0.134	5	-35.965	6
3315		3	max	-0.231	2	-6.873	2	0.126	5	0.022	5	-0.023	2	-4.87	2
3316			min	-0.935	5	-33.831	6	0.032	2	0.006	2	-0.089	5	-23.984	6
3317		4	max	-0.231	2	-6.873	2	0.126	5	0.022	5	-0.011	2	-2.435	2
3318			min	-0.935	5	-33.852	6	0.032	2	0.006	2	-0.045	5	-11.996	6
3319		5	max	-0.231	2	-6.873	2	0.126	5	0.022	5	0	23	0	23
3320			min	-0.935	5	-33.873	6	0.032	2	0.006	2	0	1	0	1
3321	M349	1	max	19.941	5	30.62	6	0	23	0	2	0	23	0	23
3322			min	4.818	2	7.606	2	0	1	0	5	0	1	0	1
3323		2	max	19.941	5	17.561	6	0	23	0	2	0	23	-18.628	2
3324			min	4.818	2	4.366	2	0	1	0	5	0	1	-75.02	5
3325		3	max	19.941	5	4.503	6	0	23	0	2	0	23	-24.838	2
3326			min	4.818	2	1.126	2	0	1	0	5	0	1	-100.026	5
3327		4	max	19.941	5	-5.354	2	0	23	0	2	0	23	-18.293	2
3328			min	4.818	2	-21.516	5	0	1	0	5	0	1	-73.678	5
3329		5	max	19.941	5	-5.354	2	0	23	0	2	0	23	0	23
3330			min	4.818	2	-21.615	5	0	1	0	5	0	1	0	1
3331	M350	1	max	33.09	6	0	23	0	23	0	23	0	2	0	23
3332			min	6.454	2	0	1	0	7	0	1	0	7	0	1
3333		2	max	33.051	6	0	23	0	23	0	23	0	2	0	23
3334			min	6.454	2	0	1	0	7	0	1	0	7	0	1
3335		3	max	33.012	6	0	23	0	23	0	23	0	2	0	23
3336			min	6.454	2	0	1	0	7	0	1	0	7	0	1
3337		4	max	32.973	6	0	23	0	23	0	23	0	2	0	23
3338			min	6.454	2	0	1	0	7	0	1	0	7	0	1
3339		5	max	32.935	6	0	23	0	23	0	23	0	2	0	23
3340			min	6.454	2	0	1	0	7	0	1	0	7	0	1
3341	M351	1	max	-2.023	2	7.984	6	0	2	0	7	0	23	0	23
3342			min	-7.605	5	1.945	2	0	7	0	2	0	1	0	1
3343		2	max	-2.023	2	7.955	6	0	2	0	7	0	2	-2.36	2
3344			min	-7.605	5	1.945	2	0	7	0	2	0	7	-9.671	6
3345		3	max	-2.023	2	-1.295	2	0	2	0	7	0	2	-2.863	2
3346			min	-7.605	5	-5.036	5	0	7	0	2	0	7	-11.88	6
3347		4	max	-2.023	2	-1.295	2	0	2	0	7	0	2	-1.292	2
3348			min	-7.605	5	-5.065	5	0	7	0	2	0	7	-5.752	6

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3349		5	max	-2.023	2	-1.295	2	0	2	0	7	0	2	0.42	5
3350			min	-7.605	5	-5.095	5	0	7	0	2	0	7	-0.031	4
3351	M352	1	max	19.003	6	0.001	4	0	2	0	2	0	5	0.019	4
3352			min	4.463	2	-0.007	5	0	5	0	6	0	2	-0.022	2
3353		2	max	18.982	6	0.001	4	0	2	0	2	0	2	0.016	4
3354			min	4.463	2	-0.007	5	0	5	0	6	0	5	-0.009	2
3355		3	max	18.961	6	0.001	4	0	2	0	2	0	2	0.016	6
3356			min	4.463	2	-0.007	5	0	5	0	6	-0.001	5	0.003	2
3357		4	max	18.94	6	0.001	4	0	2	0	2	-0.001	2	0.032	5
3358			min	4.463	2	-0.007	5	0	5	0	6	-0.002	5	0.004	16
3359		5	max	18.919	6	0.001	4	0	2	0	2	-0.001	2	0.049	5
3360			min	4.463	2	-0.007	5	0	5	0	6	-0.003	5	0.002	16
3361	M353	1	max	19.93	7	0.013	5	0.004	7	0	23	0	2	0.139	5
3362			min	0	2	0.003	2	0	2	0	1	-0.009	7	0.029	2
3363		2	max	19.832	7	0.013	5	0.004	7	0	23	0.001	7	0.104	5
3364			min	0	2	0.003	2	0	2	0	1	-0.001	5	0.022	2
3365		3	max	19.734	7	0.013	5	0.004	7	0	23	0.011	7	0.069	5
3366			min	0	2	0.003	2	0	2	0	1	-0.001	2	0.015	2
3367		4	max	19.636	7	0.013	5	0.004	7	0	23	0.021	7	0.035	5
3368			min	0	2	0.003	2	0	2	0	1	-0.001	2	0.007	2
3369		5	max	19.538	7	0.013	5	0.004	7	0	23	0.032	7	0	5
3370			min	0	2	0.003	2	0	2	0	1	-0.001	2	0	2
3371	M354	1	max	0.023	5	5.882	7	0	23	0.001	2	0	23	0	23
3372			min	0.006	2	0	2	0	1	-0.032	7	0	1	0	1
3373		2	max	0.023	5	2.941	7	0	23	0.001	2	0	23	0	2
3374			min	0.006	2	0	2	0	1	-0.032	7	0	1	-20.127	7
3375		3	max	0.023	5	0	23	0	23	0.001	2	0	23	0	2
3376			min	0.006	2	0	1	0	1	-0.032	7	0	1	-26.837	7
3377		4	max	0.023	5	0	2	0	23	0.001	2	0	23	0	2
3378			min	0.006	2	-2.941	7	0	1	-0.032	7	0	1	-20.127	7
3379		5	max	0.023	5	0	2	0	23	0.001	2	0	23	0	23
3380			min	0.006	2	-5.882	7	0	1	-0.032	7	0	1	0	1
3381	M355	1	max	6.363	5	-0.066	2	0	2	0	5	0	5	-0.359	2
3382			min	1.64	2	-0.312	6	0	5	0	2	0	2	-2.359	6
3383		2	max	6.363	5	-0.066	2	0	2	0	5	0	7	-0.218	2
3384			min	1.64	2	-0.364	6	0	5	0	2	0	2	-1.637	6
3385		3	max	6.363	5	-0.066	2	0	2	0	5	0	2	-0.078	2
3386			min	1.64	2	-0.415	6	0	5	0	2	0	5	-0.809	7
3387		4	max	6.363	5	-0.066	2	0	2	0	5	0	2	0.155	5
3388			min	1.64	2	-0.466	6	0	5	0	2	0	5	0.022	7
3389		5	max	6.363	5	-0.066	2	0	2	0	5	0	2	1.185	6
3390			min	1.64	2	-0.517	6	0	5	0	2	0	5	0.202	2
3391	M356	1	max	-4.375	2	0.029	4	0	23	0	7	0	23	0	23
3392			min	-23.366	5	0	2	0	1	0	2	0	1	0	1
3393		2	max	-4.375	2	0.014	4	0	23	0	7	0	23	0	2
3394			min	-23.34	5	0	2	0	1	0	2	0	1	-0.06	4
3395		3	max	-4.375	2	0	23	0	23	0	7	0	23	0	2
3396			min	-23.315	5	0	1	0	1	0	2	0	1	-0.08	4
3397		4	max	-4.375	2	0	2	0	23	0	7	0	23	0	2
3398			min	-23.289	5	-0.014	8	0	1	0	2	0	1	-0.06	4
3399		5	max	-4.375	2	0	2	0	23	0	7	0	23	0	23
3400			min	-23.263	5	-0.029	8	0	1	0	2	0	1	0	1
3401	M357	1	max	47.323	6	1.338	5	-0.003	2	0	23	0.024	5	3.558	5
3402			min	9.354	2	0.335	2	-0.012	5	0	1	0.006	2	0.93	2
3403		2	max	47.035	6	1.338	5	-0.003	2	0	23	-0.002	2	0.212	5
3404			min	9.354	2	0.335	2	-0.012	5	0	1	-0.006	5	-0.067	7
3405		3	max	46.747	6	1.338	5	-0.003	2	0	23	-0.009	2	-0.747	2
3406			min	9.354	2	0.335	2	-0.012	5	0	1	-0.036	5	-3.133	6

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3407		4	max	46.46	6	1.338	5	-0.003	2	0	23	-0.017	2	-1.585	2
3408			min	9.354	2	0.335	2	-0.012	5	0	1	-0.066	5	-6.478	5
3409		5	max	46.172	6	1.338	5	-0.003	2	0	23	-0.025	2	-2.423	2
3410			min	9.354	2	0.335	2	-0.012	5	0	1	-0.097	5	-9.824	5
3411	M358	1	max	-0.231	2	26.214	6	-0.003	2	0.022	5	0	23	0	23
3412			min	-0.935	5	6.086	2	-0.013	5	0.006	2	0	1	0	1
3413		2	max	-0.231	2	26.011	6	-0.003	2	0.022	5	-0.011	2	-20.793	2
3414			min	-0.935	5	6.086	2	-0.013	5	0.006	2	-0.045	5	-89.213	6
3415		3	max	-0.231	2	7.879	6	-0.003	2	0.022	5	-0.023	2	-29.347	2
3416			min	-0.935	5	1.766	2	-0.013	5	0.006	2	-0.089	5	-126.941	6
3417		4	max	-0.231	2	-2.554	2	-0.003	2	0.022	5	-0.034	2	-25.663	2
3418			min	-0.935	5	-10.397	5	-0.013	5	0.006	2	-0.134	5	-113.183	6
3419		5	max	-0.231	2	-6.874	2	-0.003	2	0.022	5	-0.046	2	-9.74	2
3420			min	-0.935	5	-28.529	5	-0.013	5	0.006	2	-0.178	5	-47.938	6
3421	M359	1	max	-7.8	2	0.13	15	0	23	0	2	0	23	0	23
3422			min	-31.559	5	0	2	0	1	-0.001	5	0	1	0	1
3423		2	max	-7.8	2	0.065	15	0	23	0	2	0	23	0	2
3424			min	-31.518	5	0	2	0	1	-0.001	5	0	1	-0.413	8
3425		3	max	-7.8	2	0	23	0	23	0	2	0	23	0	2
3426			min	-31.477	5	0	1	0	1	-0.001	5	0	1	-0.551	8
3427		4	max	-7.8	2	0	2	0	23	0	2	0	23	0	2
3428			min	-31.436	5	-0.065	4	0	1	-0.001	5	0	1	-0.413	8
3429		5	max	-7.8	2	0	2	0	23	0	2	0	23	0	23
3430			min	-31.395	5	-0.13	4	0	1	-0.001	5	0	1	0	1
3431	M360	1	max	-0.265	2	22.589	6	0	23	0	7	0	23	0	23
3432			min	-1.069	5	5.374	2	0	1	0	2	0	1	0	1
3433		2	max	-0.265	2	22.445	6	0	23	0	7	0	23	-18.361	2
3434			min	-1.069	5	5.374	2	0	1	0	2	0	1	-76.935	5
3435		3	max	-0.265	2	4.373	6	0	23	0	7	0	23	-24.481	2
3436			min	-1.069	5	1.054	2	0	1	0	2	0	1	-102.58	5
3437		4	max	-0.265	2	-3.266	2	0	23	0	7	0	23	-18.361	2
3438			min	-1.069	5	-13.698	5	0	1	0	2	0	1	-76.935	5
3439		5	max	-0.265	2	-7.586	2	0	23	0	7	0	23	0	23
3440			min	-1.069	5	-31.77	5	0	1	0	2	0	1	0	1
3441	M361	1	max	110.492	6	0	23	0	7	0	23	0	23	0	23
3442			min	24.946	2	0	1	0	2	0	1	0	1	0	1
3443		2	max	110.382	6	0	23	0	7	0	23	0	7	0	23
3444			min	24.946	2	0	1	0	2	0	1	0	2	0	1
3445		3	max	110.273	6	0	23	0	7	0	23	0	7	0	23
3446			min	24.946	2	0	1	0	2	0	1	0	2	0	1
3447		4	max	110.164	6	0	23	0	7	0	23	0	7	0	23
3448			min	24.946	2	0	1	0	2	0	1	0	2	0	1
3449		5	max	110.055	6	0	23	0	7	0	23	0	7	0	23
3450			min	24.946	2	0	1	0	2	0	1	0	2	0	1
3451	M362	1	max	8.679	7	0	23	0	2	0	23	0	7	0	23
3452			min	0	2	0	1	0	7	0	1	0	2	0	1
3453		2	max	8.64	7	0	23	0	2	0	23	0	7	0	23
3454			min	0	2	0	1	0	7	0	1	0	2	0	1
3455		3	max	8.601	7	0	23	0	2	0	23	0	7	0	23
3456			min	0	2	0	1	0	7	0	1	0	2	0	1
3457		4	max	8.562	7	0	23	0	2	0	23	0	7	0	23
3458			min	0	2	0	1	0	7	0	1	0	2	0	1
3459		5	max	8.523	7	0	23	0	2	0	23	0	7	0	23
3460			min	0	2	0	1	0	7	0	1	0	2	0	1
3461	M363	1	max	237.817	6	-0.024	2	0	7	0	2	0	23	0	23
3462			min	52.516	2	-0.103	6	0	2	0	7	0	1	0	1
3463		2	max	237.673	6	-0.024	2	0	7	0	2	0	7	0.258	6
3464			min	52.516	2	-0.103	6	0	2	0	7	0	2	0.06	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3465		3	max	237.529	6	-0.024	2	0	7	0	2	0	7	0.516	6
3466			min	52.516	2	-0.103	6	0	2	0	7	0	2	0.119	2
3467		4	max	237.385	6	-0.024	2	0	7	0	2	0	7	0.775	6
3468			min	52.516	2	-0.103	6	0	2	0	7	0	2	0.179	2
3469		5	max	237.241	6	-0.024	2	0	7	0	2	0	7	1.033	6
3470			min	52.516	2	-0.103	6	0	2	0	7	0	2	0.238	2
3471	M364	1	max	198.131	6	0.125	6	0	2	0	2	0	7	1.033	6
3472			min	42.84	2	0.029	2	0	7	0	7	0	2	0.238	2
3473		2	max	198.01	6	0.125	6	0	2	0	2	0	2	0.672	5
3474			min	42.84	2	0.029	2	0	7	0	7	0	7	0.154	2
3475		3	max	197.889	6	0.125	6	0	2	0	2	0	2	0.314	5
3476			min	42.84	2	0.029	2	0	7	0	7	0	7	0.071	2
3477		4	max	197.768	6	0.125	6	0	2	0	2	0	2	-0.013	23
3478			min	42.84	2	0.029	2	0	7	0	7	0	7	-0.049	6
3479		5	max	197.647	6	0.125	6	0	2	0	2	0	2	-0.097	2
3480			min	42.84	2	0.029	2	0	7	0	7	-0.001	7	-0.409	6
3481	M365	1	max	130.547	6	-0.006	2	0	7	0	2	0	2	-0.097	2
3482			min	27.333	2	-0.023	6	0	2	0	7	-0.001	7	-0.409	6
3483		2	max	130.453	6	-0.006	2	0	7	0	2	0	7	-0.082	2
3484			min	27.333	2	-0.023	6	0	2	0	7	0	2	-0.352	6
3485		3	max	130.36	6	-0.006	2	0	7	0	2	0.001	7	-0.067	2
3486			min	27.333	2	-0.023	6	0	2	0	7	0	2	-0.295	5
3487		4	max	130.267	6	-0.006	2	0	7	0	2	0.001	7	-0.053	2
3488			min	27.333	2	-0.023	6	0	2	0	7	0	2	-0.241	5
3489		5	max	130.174	6	-0.006	2	0	7	0	2	0.002	7	-0.038	2
3490			min	27.333	2	-0.023	6	0	2	0	7	0	2	-0.187	5
3491	M366	1	max	70.424	6	-0.006	2	0	2	0	23	0.002	7	-0.038	2
3492			min	13.846	2	-0.031	5	-0.001	7	0	1	0	2	-0.187	5
3493		2	max	70.326	6	-0.006	2	0	2	0	23	0	2	-0.021	2
3494			min	13.846	2	-0.031	5	-0.001	7	0	1	0	7	-0.106	5
3495		3	max	70.228	6	-0.006	2	0	2	0	23	0	2	-0.004	2
3496			min	13.846	2	-0.031	5	-0.001	7	0	1	-0.003	7	-0.024	5
3497		4	max	70.13	6	-0.006	2	0	2	0	23	0	2	0.057	5
3498			min	13.846	2	-0.031	5	-0.001	7	0	1	-0.005	7	0.012	2
3499		5	max	70.032	6	-0.006	2	0	2	0	23	0.001	2	0.139	5
3500			min	13.846	2	-0.031	5	-0.001	7	0	1	-0.007	7	0.029	2
3501	M367	1	max	281.718	6	-0.068	2	-0.005	2	0	5	0	23	0	23
3502			min	64.855	2	-0.288	5	-0.018	5	0	2	0	1	0	1
3503		2	max	281.517	6	-0.068	2	-0.005	2	0	5	-0.012	2	0.72	5
3504			min	64.855	2	-0.288	5	-0.018	5	0	2	-0.046	5	0.17	2
3505		3	max	281.316	6	-0.068	2	-0.005	2	0	5	-0.023	2	1.439	5
3506			min	64.855	2	-0.288	5	-0.018	5	0	2	-0.092	5	0.34	2
3507		4	max	281.115	6	-0.068	2	-0.005	2	0	5	-0.035	2	2.159	5
3508			min	64.855	2	-0.288	5	-0.018	5	0	2	-0.137	5	0.509	2
3509		5	max	280.914	6	-0.068	2	-0.005	2	0	5	-0.047	2	2.878	5
3510			min	64.855	2	-0.288	5	-0.018	5	0	2	-0.183	5	0.679	2
3511	M368	1	max	242.541	6	0.267	6	0.072	5	0	5	-0.047	2	2.878	5
3512			min	55.292	2	0.062	2	0.018	2	0	2	-0.184	5	0.679	2
3513		2	max	242.34	6	0.267	6	0.072	5	0	5	0.023	5	2.113	5
3514			min	55.292	2	0.062	2	0.018	2	0	2	0.006	2	0.5	2
3515		3	max	242.139	6	0.267	6	0.072	5	0	5	0.229	5	1.348	5
3516			min	55.292	2	0.062	2	0.018	2	0	2	0.058	2	0.32	2
3517		4	max	241.939	6	0.267	6	0.072	5	0	5	0.435	5	0.582	5
3518			min	55.292	2	0.062	2	0.018	2	0	2	0.111	2	0.141	2
3519		5	max	241.738	6	0.267	6	0.072	5	0	5	0.641	5	-0.039	2
3520			min	55.292	2	0.062	2	0.018	2	0	2	0.163	2	-0.195	6
3521	M369	1	max	151.914	6	0.04	5	-0.068	2	0	5	0.642	5	-0.039	2
3522			min	33.696	2	0.01	2	-0.266	5	0	2	0.164	2	-0.195	6

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3523		2	max	151.809	6	0.04	5	-0.068	2	0	5	-0.006	2	-0.065	2
3524			min	33.696	2	0.01	2	-0.266	5	0	2	-0.022	5	-0.289	6
3525		3	max	151.704	6	0.04	5	-0.068	2	0	5	-0.175	2	-0.091	2
3526			min	33.696	2	0.01	2	-0.266	5	0	2	-0.686	5	-0.383	6
3527		4	max	151.599	6	0.04	5	-0.068	2	0	5	-0.344	2	-0.117	2
3528			min	33.696	2	0.01	2	-0.266	5	0	2	-1.351	5	-0.48	5
3529		5	max	151.494	6	0.04	5	-0.068	2	0	5	-0.514	2	-0.142	2
3530			min	33.696	2	0.01	2	-0.266	5	0	2	-2.015	5	-0.579	5
3531	M370	1	max	10.546	6	0.01	5	0	7	0	2	0	5	0.023	5
3532			min	1.72	2	0.002	16	0	2	0	7	0	2	-0.008	7
3533		2	max	10.522	6	0.01	5	0	7	0	2	0	5	0.004	2
3534			min	1.72	2	0.002	16	0	2	0	7	0	2	-0.018	7
3535		3	max	10.498	6	0.01	5	0	7	0	2	0	6	-0.008	2
3536			min	1.72	2	0.002	16	0	2	0	7	0	2	-0.035	6
3537		4	max	10.474	6	0.01	5	0	7	0	2	0	6	-0.019	23
3538			min	1.72	2	0.002	16	0	2	0	7	0	2	-0.064	5
3539		5	max	10.449	6	0.01	5	0	7	0	2	0	6	-0.024	23
3540			min	1.72	2	0.002	16	0	2	0	7	0	2	-0.093	5
3541	M371	1	max	12.406	6	0.018	7	0	5	0	6	0	5	0.126	6
3542			min	2.771	2	0.001	2	0	2	0	2	0	2	0.013	2
3543		2	max	12.382	6	0.018	7	0	5	0	6	0	5	0.076	6
3544			min	2.771	2	0.001	2	0	2	0	2	0	2	0.01	2
3545		3	max	12.358	6	0.018	7	0	5	0	6	0	5	0.027	6
3546			min	2.771	2	0.001	2	0	2	0	2	0	2	0.007	2
3547		4	max	12.333	6	0.018	7	0	5	0	6	0.001	5	0.003	2
3548			min	2.771	2	0.001	2	0	2	0	2	0	2	-0.031	7
3549		5	max	12.309	6	0.018	7	0	5	0	6	0.001	5	0	2
3550			min	2.771	2	0.001	2	0	2	0	2	0	2	-0.083	7
3551	M372	1	max	17.909	5	21.613	6	0	23	0	2	0	23	0	23
3552			min	4.094	2	5.354	2	0	1	0	7	0	1	0	1
3553		2	max	17.909	5	21.514	6	0	23	0	2	0	23	-18.293	2
3554			min	4.094	2	5.354	2	0	1	0	7	0	1	-73.678	5
3555		3	max	17.909	5	-1.126	2	0	23	0	2	0	23	-24.841	2
3556			min	4.094	2	-4.504	5	0	1	0	7	0	1	-100.039	5
3557		4	max	17.909	5	-4.366	2	0	23	0	2	0	23	-18.631	2
3558			min	4.094	2	-17.563	5	0	1	0	7	0	1	-75.029	5
3559		5	max	17.909	5	-7.606	2	0	23	0	2	0	23	0	23
3560			min	4.094	2	-30.622	5	0	1	0	7	0	1	0	1
3561	M373	1	max	18.077	5	8.55	6	0	5	0	7	0	23	0	23
3562			min	4.144	2	2.073	2	0	7	0	2	0	1	0	1
3563		2	max	18.077	5	8.52	6	0	5	0	7	0	5	-2.516	2
3564			min	4.144	2	2.073	2	0	7	0	2	0	7	-10.358	6
3565		3	max	18.077	5	-1.167	2	0	5	0	7	0	5	-3.174	2
3566			min	4.144	2	-4.487	5	0	7	0	2	0	7	-13.253	6
3567		4	max	18.077	5	-1.167	2	0	5	0	7	0	5	-1.758	2
3568			min	4.144	2	-4.516	5	0	7	0	2	0	7	-7.812	6
3569		5	max	18.077	5	-1.167	2	0	5	0	7	0	5	-0.342	2
3570			min	4.144	2	-4.545	5	0	7	0	2	0	7	-2.336	6
3571	M374	1	max	-0.025	23	21.965	6	0	23	0	7	0	23	0	23
3572			min	-0.753	7	5.354	2	0	1	0	2	0	1	0	1
3573		2	max	-0.025	23	21.691	6	0	23	0	7	0	23	-18.293	2
3574			min	-0.753	7	5.354	2	0	1	0	2	0	1	-74.581	5
3575		3	max	-0.025	23	-1.126	2	0	23	0	7	0	23	-24.841	2
3576			min	-0.753	7	-4.504	5	0	1	0	2	0	1	-101.243	5
3577		4	max	-0.025	23	-4.366	2	0	23	0	7	0	23	-18.631	2
3578			min	-0.753	7	-17.739	5	0	1	0	2	0	1	-75.932	5
3579		5	max	-0.025	23	-7.606	2	0	23	0	7	0	23	0	23
3580			min	-0.753	7	-30.974	5	0	1	0	2	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3581	M375	1	max	23.944	5	30.62	6	0	23	0	5	0	23	0	23
3582			min	5.917	2	7.606	2	0	1	0	2	0	1	0	1
3583		2	max	23.944	5	17.561	6	0	23	0	5	0	23	-18.628	2
3584			min	5.917	2	4.366	2	0	1	0	2	0	1	-75.02	5
3585		3	max	23.944	5	4.503	6	0	23	0	5	0	23	-24.838	2
3586			min	5.917	2	1.126	2	0	1	0	2	0	1	-100.026	5
3587		4	max	23.944	5	-5.354	2	0	23	0	5	0	23	-18.293	2
3588			min	5.917	2	-21.516	5	0	1	0	2	0	1	-73.678	5
3589		5	max	23.944	5	-5.354	2	0	23	0	5	0	23	0	23
3590			min	5.917	2	-21.615	5	0	1	0	2	0	1	0	1
3591	M376	1	max	-3.933	2	21.965	6	0	23	0	2	0	23	0	23
3592			min	-17.781	5	5.354	2	0	1	0	7	0	1	0	1
3593		2	max	-3.933	2	21.691	6	0	23	0	2	0	23	-18.293	2
3594			min	-17.781	5	5.354	2	0	1	0	7	0	1	-74.581	5
3595		3	max	-3.933	2	-1.126	2	0	23	0	2	0	23	-24.841	2
3596			min	-17.781	5	-4.504	5	0	1	0	7	0	1	-101.243	5
3597		4	max	-3.933	2	-4.366	2	0	23	0	2	0	23	-18.631	2
3598			min	-17.781	5	-17.739	5	0	1	0	7	0	1	-75.932	5
3599		5	max	-3.933	2	-7.606	2	0	23	0	2	0	23	0	23
3600			min	-17.781	5	-30.974	5	0	1	0	7	0	1	0	1
3601	M377	1	max	-2.035	2	-0.021	2	0	6	0	5	0	7	0.216	2
3602			min	-7.647	5	-0.134	6	0	2	0	2	0	2	-0.192	4
3603		2	max	-2.035	2	-0.021	2	0	6	0	5	0	7	0.511	5
3604			min	-7.647	5	-0.185	6	0	2	0	2	0	2	0.056	16
3605		3	max	-2.035	2	-0.021	2	0	6	0	5	0	7	0.96	6
3606			min	-7.647	5	-0.244	8	0	2	0	2	0	2	0.27	16
3607		4	max	-2.035	2	-0.021	2	0	6	0	5	0	7	1.52	6
3608			min	-7.647	5	-0.303	8	0	2	0	2	0	2	0.349	2
3609		5	max	-2.035	2	-0.021	2	0	6	0	5	0	6	2.189	6
3610			min	-7.647	5	-0.363	8	0	2	0	2	0	2	0.394	2
3611	M378	1	max	5.153	5	30.62	6	0	23	0	2	0	23	0	23
3612			min	1.261	2	7.606	2	0	1	-0.002	5	0	1	0	1
3613		2	max	5.153	5	17.561	6	0	23	0	2	0	23	-18.628	2
3614			min	1.261	2	4.366	2	0	1	-0.002	5	0	1	-75.02	5
3615		3	max	5.153	5	4.503	6	0	23	0	2	0	23	-24.838	2
3616			min	1.261	2	1.126	2	0	1	-0.002	5	0	1	-100.026	5
3617		4	max	5.153	5	-5.354	2	0	23	0	2	0	23	-18.293	2
3618			min	1.261	2	-21.516	5	0	1	-0.002	5	0	1	-73.678	5
3619		5	max	5.153	5	-5.354	2	0	23	0	2	0	23	0	23
3620			min	1.261	2	-21.615	5	0	1	-0.002	5	0	1	0	1
3621	M379	1	max	-6.451	2	0.023	15	0	23	0	5	0	23	0	23
3622			min	-30.433	6	0	2	0	1	0	7	0	1	0	1
3623		2	max	-6.451	2	0.012	15	0	23	0	5	0	23	0	2
3624			min	-30.41	6	0	2	0	1	0	7	0	1	-0.054	8
3625		3	max	-6.451	2	0	23	0	23	0	5	0	23	0	2
3626			min	-30.386	6	0	1	0	1	0	7	0	1	-0.072	8
3627		4	max	-6.451	2	0	2	0	23	0	5	0	23	0	2
3628			min	-30.363	6	-0.012	4	0	1	0	7	0	1	-0.054	8
3629		5	max	-6.451	2	0	2	0	23	0	5	0	23	0	23
3630			min	-30.339	6	-0.023	4	0	1	0	7	0	1	0	1
3631	M380	1	max	-7.482	2	0.065	4	0	23	0	5	0	23	0	23
3632			min	-31.143	6	0	2	0	1	0	2	0	1	0	1
3633		2	max	-7.482	2	0.033	4	0	23	0	5	0	23	0	2
3634			min	-31.119	6	0	2	0	1	0	2	0	1	-0.218	4
3635		3	max	-7.482	2	0	23	0	23	0	5	0	23	0	2
3636			min	-31.096	6	0	1	0	1	0	2	0	1	-0.291	4
3637		4	max	-7.482	2	0	2	0	23	0	5	0	23	0	2
3638			min	-31.073	6	-0.033	8	0	1	0	2	0	1	-0.218	4

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3639		5	max	-7.482	2	0	2	0	23	0	5	0	23	0	23
3640			min	-31.049	6	-0.065	8	0	1	0	2	0	1	0	1
3641	M381	1	max	78.344	6	-0.255	2	0	2	0	23	0	23	0	23
3642			min	15.945	2	-1.092	6	-0.001	5	0	1	0	1	0	1
3643		2	max	78.056	6	-0.255	2	0	2	0	23	0	2	2.73	6
3644			min	15.945	2	-1.092	6	-0.001	5	0	1	-0.002	5	0.638	2
3645		3	max	77.769	6	-0.255	2	0	2	0	23	-0.001	2	5.46	6
3646			min	15.945	2	-1.092	6	-0.001	5	0	1	-0.003	5	1.275	2
3647		4	max	77.481	6	-0.255	2	0	2	0	23	-0.001	2	8.189	6
3648			min	15.945	2	-1.092	6	-0.001	5	0	1	-0.005	5	1.913	2
3649		5	max	77.193	6	-0.255	2	0	2	0	23	-0.002	2	10.919	6
3650			min	15.945	2	-1.092	6	-0.001	5	0	1	-0.006	5	2.551	2
3651	M382	1	max	35.434	6	-0.231	2	0.011	5	0	23	-0.025	2	-2.423	2
3652			min	6.874	2	-0.938	5	0.003	2	0	1	-0.097	5	-9.827	5
3653		2	max	35.132	6	-0.231	2	0.011	5	0	23	-0.017	2	-1.816	2
3654			min	6.874	2	-0.938	5	0.003	2	0	1	-0.067	5	-7.365	5
3655		3	max	34.829	6	-0.231	2	0.011	5	0	23	-0.01	2	-1.209	2
3656			min	6.874	2	-0.938	5	0.003	2	0	1	-0.038	5	-4.902	5
3657		4	max	34.527	6	-0.231	2	0.011	5	0	23	-0.002	2	-0.602	2
3658			min	6.874	2	-0.938	5	0.003	2	0	1	-0.008	6	-2.44	5
3659		5	max	34.225	6	-0.231	2	0.011	5	0	23	0.022	5	0.022	6
3660			min	6.874	2	-0.938	5	0.003	2	0	1	0.006	2	0.005	2
3661	M383	1	max	8.799	7	0	2	0	7	0	23	0	23	0	23
3662			min	0	2	0	6	0	2	0	1	0	1	0	1
3663		2	max	8.769	7	0	2	0	7	0	23	0.001	7	0	6
3664			min	0	2	0	6	0	2	0	1	0	2	0	2
3665		3	max	8.739	7	0	2	0	7	0	23	0.002	7	0	6
3666			min	0	2	0	6	0	2	0	1	0	2	0	2
3667		4	max	8.71	7	0	2	0	7	0	23	0.003	7	0	6
3668			min	0	2	0	6	0	2	0	1	0	2	0	2
3669		5	max	8.68	7	0	2	0	7	0	23	0.004	7	0	6
3670			min	0	2	0	6	0	2	0	1	0	2	0	2
3671	M384	1	max	-0.256	2	26.243	6	0	23	-0.001	2	0	23	0	23
3672			min	-1.028	5	6.26	2	0	1	-0.004	5	0	1	0	1
3673		2	max	-0.256	2	14.159	6	0	23	-0.001	2	0	23	-22.14	2
3674			min	-1.028	5	3.38	2	0	1	-0.004	5	0	1	-92.784	5
3675		3	max	-0.256	2	2.075	6	0	23	-0.001	2	0	23	-29.52	2
3676			min	-1.028	5	0.5	2	0	1	-0.004	5	0	1	-123.712	5
3677		4	max	-0.256	2	-2.38	2	0	23	-0.001	2	0	23	-22.14	2
3678			min	-1.028	5	-10.009	5	0	1	-0.004	5	0	1	-92.784	5
3679		5	max	-0.256	2	-5.26	2	0	23	-0.001	2	0	23	0	23
3680			min	-1.028	5	-22.093	5	0	1	-0.004	5	0	1	0	1
3681	M385	1	max	0.036	5	4.019	7	0	23	0	2	0	23	0	23
3682			min	0.008	2	0	2	0	1	0	7	0	1	0	1
3683		2	max	0.036	5	2.009	7	0	23	0	2	0	23	0	2
3684			min	0.008	2	0	2	0	1	0	7	0	1	-10.298	7
3685		3	max	0.036	5	0	23	0	23	0	2	0	23	0	2
3686			min	0.008	2	0	1	0	1	0	7	0	1	-13.731	7
3687		4	max	0.036	5	0	2	0	23	0	2	0	23	0	2
3688			min	0.008	2	-2.009	7	0	1	0	7	0	1	-10.298	7
3689		5	max	0.036	5	0	2	0	23	0	2	0	23	0	23
3690			min	0.008	2	-4.019	7	0	1	0	7	0	1	0	1
3691	M386	1	max	0	7	4.093	7	0	23	0.004	7	0	23	0	23
3692			min	0	2	0	2	0	1	0	2	0	1	0	1
3693		2	max	0	7	2.046	7	0	23	0.004	7	0	23	0	2
3694			min	0	2	0	2	0	1	0	2	0	1	-10.487	7
3695		3	max	0	7	0	23	0	23	0.004	7	0	23	0	2
3696			min	0	2	0	1	0	1	0	2	0	1	-13.982	7

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3697		4	max	0	7	0	2	0	23	0.004	7	0	23	0	2
3698			min	0	2	-2.046	7	0	1	0	2	0	1	-10.487	7
3699		5	max	0	7	0	2	0	23	0.004	7	0	23	0	23
3700			min	0	2	-4.093	7	0	1	0	2	0	1	0	1
3701	M387	1	max	-0.394	2	0	5	8.739	6	0	2	-2.962	2	0	5
3702			min	-1.694	6	0	2	2.09	2	0	5	-12.475	6	0	2
3703		2	max	-0.394	2	0	5	8.772	6	0	2	-2.222	2	0	5
3704			min	-1.694	6	0	2	2.09	2	0	5	-9.374	6	0	2
3705		3	max	-0.394	2	0	5	8.804	6	0	2	-1.481	2	0	5
3706			min	-1.694	6	0	2	2.09	2	0	5	-6.26	6	0	2
3707		4	max	-0.394	2	0	5	8.836	6	0	2	-0.741	2	0	5
3708			min	-1.694	6	0	2	2.09	2	0	5	-3.136	6	0	2
3709		5	max	-0.394	2	0	5	8.869	6	0	2	0	23	0	23
3710			min	-1.694	6	0	2	2.09	2	0	5	0	1	0	1
3711	M388	1	max	-0.194	2	0	2	18.816	6	0	2	-6.374	2	0	2
3712			min	-0.692	5	0	5	4.498	2	0	5	-26.753	6	-0.001	5
3713		2	max	-0.194	2	0	2	18.848	6	0	2	-4.78	2	0	2
3714			min	-0.692	5	0	5	4.498	2	0	5	-20.082	6	0	5
3715		3	max	-0.194	2	0	2	18.88	6	0	2	-3.187	2	0	2
3716			min	-0.692	5	0	5	4.498	2	0	5	-13.399	6	0	5
3717		4	max	-0.194	2	0	2	18.912	6	0	2	-1.593	2	0	2
3718			min	-0.692	5	0	5	4.498	2	0	5	-6.705	6	0	5
3719		5	max	-0.194	2	0	2	18.945	6	0	2	0	23	0	23
3720			min	-0.692	5	0	5	4.498	2	0	5	0	1	0	1
3721	M389	1	max	0	23	4.505	7	0	23	0	23	0	23	0	23
3722			min	0	1	0	2	0	1	0	1	0	1	0	1
3723		2	max	0	23	4.221	7	0	23	0	23	0	23	0	2
3724			min	0	1	0	2	0	1	0	1	0	1	-29.448	7
3725		3	max	0	23	0	23	0	23	0	23	0	23	0	2
3726			min	0	1	0	1	0	1	0	1	0	1	-39.264	7
3727		4	max	0	23	0	2	0	23	0	23	0	23	0	2
3728			min	0	1	-4.221	7	0	1	0	1	0	1	-29.448	7
3729		5	max	0	23	0	2	0	23	0	23	0	23	0	23
3730			min	0	1	-4.505	7	0	1	0	1	0	1	0	1
3731	M390	1	max	0	23	5.05	6	0	23	0	23	0	23	0	23
3732			min	0	1	1.08	2	0	1	0	1	0	1	0	1
3733		2	max	0	23	2.525	6	0	23	0	23	0	23	-5.467	2
3734			min	0	1	0.54	2	0	1	0	1	0	1	-25.565	5
3735		3	max	0	23	0	23	0	23	0	23	0	23	-7.29	2
3736			min	0	1	0	1	0	1	0	1	0	1	-34.086	5
3737		4	max	0	23	-0.54	2	0	23	0	23	0	23	-5.467	2
3738			min	0	1	-2.525	5	0	1	0	1	0	1	-25.565	5
3739		5	max	0	23	-1.08	2	0	23	0	23	0	23	0	23
3740			min	0	1	-5.05	5	0	1	0	1	0	1	0	1
3741	M391	1	max	0	23	3.662	6	0	23	0	23	0	23	0	23
3742			min	0	1	0.81	2	0	1	0	1	0	1	0	1
3743		2	max	0	23	1.831	6	0	23	0	23	0	23	-4.101	2
3744			min	0	1	0.405	2	0	1	0	1	0	1	-18.537	5
3745		3	max	0	23	0	23	0	23	0	23	0	23	-5.467	2
3746			min	0	1	0	1	0	1	0	1	0	1	-24.717	5
3747		4	max	0	23	-0.405	2	0	23	0	23	0	23	-4.101	2
3748			min	0	1	-1.831	5	0	1	0	1	0	1	-18.537	5
3749		5	max	0	23	-0.81	2	0	23	0	23	0	23	0	23
3750			min	0	1	-3.662	5	0	1	0	1	0	1	0	1
3751	M392	1	max	0	23	3.662	6	0	23	0	23	0	23	0	23
3752			min	0	1	0.81	2	0	1	0	1	0	1	0	1
3753		2	max	0	23	1.831	6	0	23	0	23	0	23	-4.101	2
3754			min	0	1	0.405	2	0	1	0	1	0	1	-18.537	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3755		3	max	0	23	0	23	0	23	0	23	0	23	-5.467	2
3756			min	0	1	0	1	0	1	0	1	0	1	-24.717	5
3757		4	max	0	23	-0.405	2	0	23	0	23	0	23	-4.101	2
3758			min	0	1	-1.831	5	0	1	0	1	0	1	-18.537	5
3759		5	max	0	23	-0.81	2	0	23	0	23	0	23	0	23
3760			min	0	1	-3.662	5	0	1	0	1	0	1	0	1
3761	M393	1	max	0	23	3.662	6	0	23	0	23	0	23	0	23
3762			min	0	1	0.81	2	0	1	0	1	0	1	0	1
3763		2	max	0	23	1.831	6	0	23	0	23	0	23	-4.101	2
3764			min	0	1	0.405	2	0	1	0	1	0	1	-18.537	5
3765		3	max	0	23	0	23	0	23	0	23	0	23	-5.467	2
3766			min	0	1	0	1	0	1	0	1	0	1	-24.717	5
3767		4	max	0	23	-0.405	2	0	23	0	23	0	23	-4.101	2
3768			min	0	1	-1.831	5	0	1	0	1	0	1	-18.537	5
3769		5	max	0	23	-0.81	2	0	23	0	23	0	23	0	23
3770			min	0	1	-3.662	5	0	1	0	1	0	1	0	1
3771	M394	1	max	0	23	13.119	6	0	23	-0.001	2	0	23	0	23
3772			min	0	1	3.119	2	0	1	-0.003	6	0	1	0	1
3773		2	max	0	23	6.559	6	0	23	-0.001	2	0	23	-15.787	2
3774			min	0	1	1.559	2	0	1	-0.003	6	0	1	-66.415	5
3775		3	max	0	23	0	23	0	23	-0.001	2	0	23	-21.05	2
3776			min	0	1	0	1	0	1	-0.003	6	0	1	-88.553	5
3777		4	max	0	23	-1.559	2	0	23	-0.001	2	0	23	-15.787	2
3778			min	0	1	-6.559	5	0	1	-0.003	6	0	1	-66.415	5
3779		5	max	0	23	-3.119	2	0	23	-0.001	2	0	23	0	23
3780			min	0	1	-13.119	5	0	1	-0.003	6	0	1	0	1
3781	M395	1	max	0	23	13.119	6	0	23	0.003	6	0	23	0	23
3782			min	0	1	3.119	2	0	1	0.001	2	0	1	0	1
3783		2	max	0	23	6.559	6	0	23	0.003	6	0	23	-15.787	2
3784			min	0	1	1.559	2	0	1	0.001	2	0	1	-66.415	5
3785		3	max	0	23	0	23	0	23	0.003	6	0	23	-21.05	2
3786			min	0	1	0	1	0	1	0.001	2	0	1	-88.553	5
3787		4	max	0	23	-1.559	2	0	23	0.003	6	0	23	-15.787	2
3788			min	0	1	-6.559	5	0	1	0.001	2	0	1	-66.415	5
3789		5	max	0	23	-3.119	2	0	23	0.003	6	0	23	0	23
3790			min	0	1	-13.119	5	0	1	0.001	2	0	1	0	1
3791	M396	1	max	-0.005	23	0	23	0	2	-0.003	2	0	23	0	23
3792			min	-0.042	5	0	1	-0.397	4	-0.009	6	0	1	0	1
3793		2	max	-0.005	23	0	23	0	2	-0.003	2	0	2	0	23
3794			min	-0.042	5	0	1	-0.198	4	-0.009	6	-2.009	4	0	1
3795		3	max	-0.005	23	0	23	0	23	-0.003	2	0	2	0	23
3796			min	-0.042	5	0	1	0	1	-0.009	6	-2.678	4	0	1
3797		4	max	-0.005	23	0	23	0.198	15	-0.003	2	0	2	0	23
3798			min	-0.042	5	0	1	0	2	-0.009	6	-2.009	4	0	1
3799		5	max	-0.005	23	0	23	0.397	15	-0.003	2	0	23	0	23
3800			min	-0.042	5	0	1	0	2	-0.009	6	0	1	0	1
3801	M397	1	max	0	2	13.119	6	0	23	0	2	0	23	0	23
3802			min	-0.001	7	3.119	2	0	1	-0.002	6	0	1	0	1
3803		2	max	0	2	6.559	6	0	23	0	2	0	23	-15.787	2
3804			min	-0.001	7	1.559	2	0	1	-0.002	6	0	1	-66.415	5
3805		3	max	0	2	0	23	0	23	0	2	0	23	-21.05	2
3806			min	-0.001	7	0	1	0	1	-0.002	6	0	1	-88.553	5
3807		4	max	0	2	-1.559	2	0	23	0	2	0	23	-15.787	2
3808			min	-0.001	7	-6.559	5	0	1	-0.002	6	0	1	-66.415	5
3809		5	max	0	2	-3.119	2	0	23	0	2	0	23	0	23
3810			min	-0.001	7	-13.119	5	0	1	-0.002	6	0	1	0	1
3811	M398	1	max	0.137	5	0	23	0	2	0.022	6	0	23	0	23
3812			min	0.035	2	0	1	-0.397	4	0.005	2	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3813		2	max	0.137	5	0	23	0	2	0.022	6	0	2	0	23
3814			min	0.035	2	0	1	-0.198	4	0.005	2	-2.009	4	0	1
3815		3	max	0.137	5	0	23	0	23	0.022	6	0	2	0	23
3816			min	0.035	2	0	1	0	1	0.005	2	-2.678	4	0	1
3817		4	max	0.137	5	0	23	0.198	15	0.022	6	0	2	0	23
3818			min	0.035	2	0	1	0	2	0.005	2	-2.009	4	0	1
3819		5	max	0.137	5	0	23	0.397	15	0.022	6	0	23	0	23
3820			min	0.035	2	0	1	0	2	0.005	2	0	1	0	1
3821	M399	1	max	0	23	13.119	6	0	23	0.003	5	0	23	0	23
3822			min	0	1	3.119	2	0	1	0.001	2	0	1	0	1
3823		2	max	0	23	6.559	6	0	23	0.003	5	0	23	-15.787	2
3824			min	0	1	1.559	2	0	1	0.001	2	0	1	-66.415	5
3825		3	max	0	23	0	23	0	23	0.003	5	0	23	-21.05	2
3826			min	0	1	0	1	0	1	0.001	2	0	1	-88.553	5
3827		4	max	0	23	-1.559	2	0	23	0.003	5	0	23	-15.787	2
3828			min	0	1	-6.559	5	0	1	0.001	2	0	1	-66.415	5
3829		5	max	0	23	-3.119	2	0	23	0.003	5	0	23	0	23
3830			min	0	1	-13.119	5	0	1	0.001	2	0	1	0	1
3831	M400	1	max	-0.003	2	3.662	6	0	23	-0.001	2	0	23	0	23
3832			min	-0.016	6	0.81	2	0	1	-0.003	6	0	1	0	1
3833		2	max	-0.003	2	1.831	6	0	23	-0.001	2	0	23	-4.101	2
3834			min	-0.016	6	0.405	2	0	1	-0.003	6	0	1	-18.537	5
3835		3	max	-0.003	2	0	23	0	23	-0.001	2	0	23	-5.467	2
3836			min	-0.016	6	0	1	0	1	-0.003	6	0	1	-24.717	5
3837		4	max	-0.003	2	-0.405	2	0	23	-0.001	2	0	23	-4.101	2
3838			min	-0.016	6	-1.831	5	0	1	-0.003	6	0	1	-18.537	5
3839		5	max	-0.003	2	-0.81	2	0	23	-0.001	2	0	23	0	23
3840			min	-0.016	6	-3.662	5	0	1	-0.003	6	0	1	0	1
3841	M401	1	max	0	23	9.638	7	0	23	0	5	0	23	0	23
3842			min	0	1	0	2	0	1	0	2	0	1	0	1
3843		2	max	0	23	9.427	7	0	23	0	5	0	23	0	2
3844			min	0	1	0	2	0	1	0	2	0	1	-64.343	7
3845		3	max	0	23	0	23	0	23	0	5	0	23	0	2
3846			min	0	1	0	1	0	1	0	2	0	1	-85.791	7
3847		4	max	0	23	0	2	0	23	0	5	0	23	0	2
3848			min	0	1	-9.427	7	0	1	0	2	0	1	-64.343	7
3849		5	max	0	23	0	2	0	23	0	5	0	23	0	23
3850			min	0	1	-9.638	7	0	1	0	2	0	1	0	1
3851	M402	1	max	0	23	8.093	7	0	2	0	2	0	4	25.532	7
3852			min	0	1	0.071	2	0	4	0	6	0	2	1.293	2
3853		2	max	0	23	7.801	7	0	2	0	2	0.001	2	0.816	2
3854			min	0	1	0.071	2	0	4	0	6	-0.003	4	-28.108	7
3855		3	max	0	23	0.071	2	0	2	0	2	0.002	2	0.339	2
3856			min	0	1	-1.708	7	0	4	0	6	-0.005	4	-38.304	7
3857		4	max	0	23	0.071	2	0	2	0	2	0.003	2	-0.138	2
3858			min	0	1	-11.216	7	0	4	0	6	-0.008	4	-5.055	7
3859		5	max	0	23	0.071	2	0	2	0	2	0.005	2	71.637	7
3860			min	0	1	-11.508	7	0	4	0	6	-0.011	4	-0.616	2
3861	M403	1	max	-0.217	2	0	23	0	2	-0.001	2	0	23	0	23
3862			min	-1.058	6	0	1	-0.397	4	-0.004	5	0	1	0	1
3863		2	max	-0.217	2	0	23	0	2	-0.001	2	0	2	0	23
3864			min	-1.058	6	0	1	-0.198	4	-0.004	5	-2.009	4	0	1
3865		3	max	-0.217	2	0	23	0	23	-0.001	2	0	2	0	23
3866			min	-1.058	6	0	1	0	1	-0.004	5	-2.678	4	0	1
3867		4	max	-0.217	2	0	23	0.198	15	-0.001	2	0	2	0	23
3868			min	-1.058	6	0	1	0	2	-0.004	5	-2.009	4	0	1
3869		5	max	-0.217	2	0	23	0.397	15	-0.001	2	0	23	0	23
3870			min	-1.058	6	0	1	0	2	-0.004	5	0	1	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3871	M404	1	max	0	23	4.587	7	0	23	0	6	0	23	0	23
3872			min	0	1	0	2	0	1	0	2	0	1	0	1
3873		2	max	0	23	4.262	7	0	23	0	6	0	23	0	2
3874			min	0	1	0	2	0	1	0	2	0	1	-29.866	7
3875		3	max	0	23	0	23	0	23	0	6	0	23	0	2
3876			min	0	1	0	1	0	1	0	2	0	1	-39.822	7
3877		4	max	0	23	0	2	0	23	0	6	0	23	0	2
3878			min	0	1	-4.262	7	0	1	0	2	0	1	-29.866	7
3879		5	max	0	23	0	2	0	23	0	6	0	23	0	23
3880			min	0	1	-4.587	7	0	1	0	2	0	1	0	1
3881	M405	1	max	0	23	8.876	6	0	5	0	6	0	2	32.463	6
3882			min	0	1	2.019	2	0	16	0	2	0	4	7.033	2
3883		2	max	0	23	4.183	6	0	5	0	6	0	5	-2.953	2
3884			min	0	1	0.939	2	0	16	0	2	0	4	-12	5
3885		3	max	0	23	-0.141	2	0	5	0	6	0	5	-5.65	2
3886			min	0	1	-0.542	5	0	16	0	2	0	16	-24.181	5
3887		4	max	0	23	-1.221	2	0	5	0	6	0.001	5	-1.056	2
3888			min	0	1	-5.235	5	0	16	0	2	0	16	-4.734	6
3889		5	max	0	23	-2.301	2	0	5	0	6	0.001	5	46.486	5
3890			min	0	1	-9.927	5	0	16	0	2	0	16	10.828	2
3891	M406	1	max	0	23	3.662	6	0	23	-0.001	2	0	23	0	23
3892			min	0	1	0.81	2	0	1	-0.003	6	0	1	0	1
3893		2	max	0	23	1.831	6	0	23	-0.001	2	0	23	-4.101	2
3894			min	0	1	0.405	2	0	1	-0.003	6	0	1	-18.537	5
3895		3	max	0	23	0	23	0	23	-0.001	2	0	23	-5.467	2
3896			min	0	1	0	1	0	1	-0.003	6	0	1	-24.717	5
3897		4	max	0	23	-0.405	2	0	23	-0.001	2	0	23	-4.101	2
3898			min	0	1	-1.831	5	0	1	-0.003	6	0	1	-18.537	5
3899		5	max	0	23	-0.81	2	0	23	-0.001	2	0	23	0	23
3900			min	0	1	-3.662	5	0	1	-0.003	6	0	1	0	1
3901	M407	1	max	0	23	13.119	6	0	23	-0.001	2	0	23	0	23
3902			min	0	1	3.119	2	0	1	-0.003	5	0	1	0	1
3903		2	max	0	23	6.559	6	0	23	-0.001	2	0	23	-15.787	2
3904			min	0	1	1.559	2	0	1	-0.003	5	0	1	-66.415	5
3905		3	max	0	23	0	23	0	23	-0.001	2	0	23	-21.05	2
3906			min	0	1	0	1	0	1	-0.003	5	0	1	-88.553	5
3907		4	max	0	23	-1.559	2	0	23	-0.001	2	0	23	-15.787	2
3908			min	0	1	-6.559	5	0	1	-0.003	5	0	1	-66.415	5
3909		5	max	0	23	-3.119	2	0	23	-0.001	2	0	23	0	23
3910			min	0	1	-13.119	5	0	1	-0.003	5	0	1	0	1
3911	M408	1	max	0	7	9.484	15	0	23	0.002	6	0	23	0	23
3912			min	0	2	0	2	0	1	0.001	2	0	1	0	1
3913		2	max	0	7	4.742	15	0	23	0.002	6	0	23	0	2
3914			min	0	2	0	2	0	1	0.001	2	0	1	-48.014	4
3915		3	max	0	7	0	23	0	23	0.002	6	0	23	0	2
3916			min	0	2	0	1	0	1	0.001	2	0	1	-64.019	4
3917		4	max	0	7	0	2	0	23	0.002	6	0	23	0	2
3918			min	0	2	-4.742	4	0	1	0.001	2	0	1	-48.014	4
3919		5	max	0	7	0	2	0	23	0.002	6	0	23	0	23
3920			min	0	2	-9.484	4	0	1	0.001	2	0	1	0	1
3921	M409	1	max	0.234	5	0	23	0	2	0.003	5	0	23	0	23
3922			min	0.047	2	0	1	-0.397	4	0.001	2	0	1	0	1
3923		2	max	0.234	5	0	23	0	2	0.003	5	0	2	0	23
3924			min	0.047	2	0	1	-0.198	4	0.001	2	-2.009	4	0	1
3925		3	max	0.234	5	0	23	0	23	0.003	5	0	2	0	23
3926			min	0.047	2	0	1	0	1	0.001	2	-2.678	4	0	1
3927		4	max	0.234	5	0	23	0.198	15	0.003	5	0	2	0	23
3928			min	0.047	2	0	1	0	2	0.001	2	-2.009	4	0	1

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3929		5	max	0.234	5	0	23	0.397	15	0.003	5	0	23	0	23
3930			min	0.047	2	0	1	0	2	0.001	2	0	1	0	1
3931	M410	1	max	0	23	3.662	6	0	23	-0.001	2	0	23	0	23
3932			min	0	1	0.81	2	0	1	-0.003	6	0	1	0	1
3933		2	max	0	23	1.831	6	0	23	-0.001	2	0	23	-4.101	2
3934			min	0	1	0.405	2	0	1	-0.003	6	0	1	-18.537	5
3935		3	max	0	23	0	23	0	23	-0.001	2	0	23	-5.467	2
3936			min	0	1	0	1	0	1	-0.003	6	0	1	-24.717	5
3937		4	max	0	23	-0.405	2	0	23	-0.001	2	0	23	-4.101	2
3938			min	0	1	-1.831	5	0	1	-0.003	6	0	1	-18.537	5
3939		5	max	0	23	-0.81	2	0	23	-0.001	2	0	23	0	23
3940			min	0	1	-3.662	5	0	1	-0.003	6	0	1	0	1
3941	M411	1	max	11.182	5	8.101	6	0	7	0	2	0	23	0	23
3942			min	2.231	2	1.958	2	0	2	0	7	0	1	0	1
3943		2	max	11.182	5	8.072	6	0	7	0	2	0	7	-2.376	2
3944			min	2.231	2	1.958	2	0	2	0	7	0	2	-9.813	6
3945		3	max	11.182	5	-1.282	2	0	7	0	2	0	7	-2.896	2
3946			min	2.231	2	-4.929	5	0	2	0	7	0	2	-12.164	6
3947		4	max	11.182	5	-1.282	2	0	7	0	2	0	7	-1.34	2
3948			min	2.231	2	-4.958	5	0	2	0	7	0	2	-6.178	6
3949		5	max	11.182	5	-1.282	2	0	7	0	2	0	7	0.215	2
3950			min	2.231	2	-4.987	5	0	2	0	7	0	2	-0.52	4
3951	M412	1	max	15.168	5	2.914	6	0	2	0	5	0.001	5	14.425	6
3952			min	3.685	2	0.696	2	0	5	0	2	0	2	3.443	2
3953		2	max	15.138	5	2.914	6	0	2	0	5	0	2	7.14	6
3954			min	3.685	2	0.696	2	0	5	0	2	0	6	1.703	2
3955		3	max	15.108	5	2.914	6	0	2	0	5	0	2	-0.038	2
3956			min	3.685	2	0.696	2	0	5	0	2	-0.001	5	-0.148	5
3957		4	max	15.078	5	2.914	6	0	2	0	5	0	2	-1.778	2
3958			min	3.685	2	0.696	2	0	5	0	2	-0.001	5	-7.432	6
3959		5	max	15.047	5	2.914	6	0	2	0	5	0	2	-3.519	2
3960			min	3.685	2	0.696	2	0	5	0	2	-0.002	5	-14.717	6
3961	M413	1	max	3.434	6	2.157	6	0	5	0	2	0	5	12.479	6
3962			min	0.745	2	0.513	2	0	2	0	5	0	2	2.963	2
3963		2	max	3.399	6	2.157	6	0	5	0	2	0	5	6.276	6
3964			min	0.745	2	0.513	2	0	2	0	5	0	2	1.489	2
3965		3	max	3.364	6	2.157	6	0	5	0	2	0	5	0.074	6
3966			min	0.745	2	0.513	2	0	2	0	5	0	2	0.016	2
3967		4	max	3.33	6	2.157	6	0	5	0	2	0	5	-1.458	2
3968			min	0.745	2	0.513	2	0	2	0	5	0	2	-6.129	6
3969		5	max	3.295	6	2.157	6	0	5	0	2	0	5	-2.931	2
3970			min	0.745	2	0.513	2	0	2	0	5	0	2	-12.331	6
3971	M414	1	max	35.189	15	-0.395	2	0.028	2	0	2	0	23	0	23
3972			min	1.754	2	-2.421	6	-0.093	4	0	4	0	1	0	1
3973		2	max	35.164	15	-0.395	2	0.028	2	0	2	0.025	2	2.219	6
3974			min	1.754	2	-2.421	6	-0.093	4	0	4	-0.085	4	0.362	2
3975		3	max	35.139	15	-0.395	2	0.028	2	0	2	0.051	2	4.439	6
3976			min	1.754	2	-2.421	6	-0.093	4	0	4	-0.17	4	0.724	2
3977		4	max	35.114	15	-0.395	2	0.028	2	0	2	0.076	2	6.658	6
3978			min	1.754	2	-2.421	6	-0.093	4	0	4	-0.255	4	1.086	2
3979		5	max	35.089	15	-0.395	2	0.028	2	0	2	0.102	2	8.877	6
3980			min	1.754	2	-2.421	6	-0.093	4	0	4	-0.34	4	1.448	2
3981	M415	1	max	9.153	15	-0.127	2	0.07	4	0	2	0	23	0	23
3982			min	0.497	2	-0.816	6	-0.049	2	0	4	0	1	0	1
3983		2	max	9.128	15	-0.127	2	0.07	4	0	2	0.064	4	0.748	6
3984			min	0.497	2	-0.816	6	-0.049	2	0	4	-0.045	2	0.116	2
3985		3	max	9.103	15	-0.127	2	0.07	4	0	2	0.129	4	1.497	6
3986			min	0.497	2	-0.816	6	-0.049	2	0	4	-0.089	2	0.232	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
3987		4	max	9.078	15	-0.127	2	0.07	4	0	2	0.193	4	2.245	6
3988			min	0.497	2	-0.816	6	-0.049	2	0	4	-0.134	2	0.348	2
3989		5	max	9.053	15	-0.127	2	0.07	4	0	2	0.257	4	2.994	6
3990			min	0.497	2	-0.816	6	-0.049	2	0	4	-0.179	2	0.465	2
3991	M416	1	max	30.227	5	2.402	5	0.348	15	0.017	2	0	23	0	23
3992			min	7.357	2	0.382	2	0.025	2	-0.036	4	0	1	0	1
3993		2	max	30.206	5	2.402	5	0.348	15	0.017	2	0.319	15	-0.351	2
3994			min	7.357	2	0.382	2	0.025	2	-0.036	4	0.023	2	-2.202	5
3995		3	max	30.184	5	2.402	5	0.348	15	0.017	2	0.639	15	-0.701	2
3996			min	7.357	2	0.382	2	0.025	2	-0.036	4	0.046	2	-4.404	5
3997		4	max	30.163	5	2.402	5	0.348	15	0.017	2	0.958	15	-1.052	2
3998			min	7.357	2	0.382	2	0.025	2	-0.036	4	0.069	2	-6.607	5
3999		5	max	30.141	5	2.402	5	0.348	15	0.017	2	1.277	15	-1.402	2
4000			min	7.357	2	0.382	2	0.025	2	-0.036	4	0.092	2	-8.809	5
4001	M417	1	max	8.263	5	0.81	5	-0.008	2	0.017	2	0	23	0	23
4002			min	2.129	2	0.139	2	-0.412	8	-0.039	4	0	1	0	1
4003		2	max	8.241	5	0.81	5	-0.008	2	0.017	2	-0.007	2	-0.128	2
4004			min	2.129	2	0.139	2	-0.412	8	-0.039	4	-0.378	8	-0.742	5
4005		3	max	8.22	5	0.81	5	-0.008	2	0.017	2	-0.014	2	-0.256	2
4006			min	2.129	2	0.139	2	-0.412	8	-0.039	4	-0.755	8	-1.485	5
4007		4	max	8.199	5	0.81	5	-0.008	2	0.017	2	-0.021	2	-0.384	2
4008			min	2.129	2	0.139	2	-0.412	8	-0.039	4	-1.133	8	-2.227	5
4009		5	max	8.177	5	0.81	5	-0.008	2	0.017	2	-0.028	2	-0.512	2
4010			min	2.129	2	0.139	2	-0.412	8	-0.039	4	-1.51	8	-2.97	5
4011	M418	1	max	0.067	4	4.926	4	0.006	2	0.023	6	0.149	4	0.284	4
4012			min	-0.04	2	-0.052	2	-0.011	4	0.004	2	-0.076	2	-0.186	2
4013		2	max	0.067	4	0.797	4	0.006	2	0.023	6	0.072	4	0.163	2
4014			min	-0.04	2	-0.052	2	-0.011	4	0.004	2	-0.037	2	-24.608	4
4015		3	max	0.067	4	-0.052	2	0.006	2	0.023	6	0.002	2	0.513	2
4016			min	-0.04	2	-0.733	8	-0.011	4	0.004	2	-0.004	4	-24.91	4
4017		4	max	0.067	4	-0.052	2	0.006	2	0.023	6	0.041	2	13.281	15
4018			min	-0.04	2	-7.522	8	-0.011	4	0.004	2	-0.081	4	0.862	2
4019		5	max	0.067	4	-0.052	2	0.006	2	0.023	6	0.081	2	90.391	15
4020			min	-0.04	2	-15.047	8	-0.011	4	0.004	2	-0.158	4	1.211	2
4021	M419	1	max	0.003	4	10.245	15	0	4	0	23	0.007	2	90.156	15
4022			min	-0.001	2	0.088	2	0	2	0	1	-0.006	4	1.313	2
4023		2	max	0.003	4	9.414	15	0	4	0	23	0.005	2	53.498	15
4024			min	-0.001	2	0.088	2	0	2	0	1	-0.005	4	0.984	2
4025		3	max	0.003	4	8.583	15	0	4	0	23	0.003	2	19.939	15
4026			min	-0.001	2	0.088	2	0	2	0	1	-0.003	4	0.656	2
4027		4	max	0.003	4	3.097	15	0	4	0	23	0.002	2	6.791	15
4028			min	-0.001	2	0.088	2	0	2	0	1	-0.002	4	0.328	2
4029		5	max	0.003	4	0.971	15	0	4	0	23	0	23	0	23
4030			min	-0.001	2	0.088	2	0	2	0	1	0	1	0	1
4031	M420	1	max	0	2	6.836	5	0.002	2	0	2	0	23	0	23
4032			min	-0.002	8	1.437	2	-0.004	4	-0.003	8	0	1	0	1
4033		2	max	0	2	2.044	5	0.002	2	0	2	0.014	2	-6.511	2
4034			min	-0.002	8	0.492	2	-0.004	4	-0.003	8	-0.028	4	-34.753	5
4035		3	max	0	2	0.265	4	0.002	2	0	2	0.028	2	-6.643	2
4036			min	-0.002	8	-0.498	6	-0.004	4	-0.003	8	-0.056	4	-39.973	5
4037		4	max	0	2	-1.398	2	0.002	2	0	2	0.042	2	-0.396	2
4038			min	-0.002	8	-7.57	6	-0.004	4	-0.003	8	-0.084	4	-4.253	8
4039		5	max	0	2	-2.343	2	0.002	2	0	2	0.057	2	73.794	6
4040			min	-0.002	8	-15.272	6	-0.004	4	-0.003	8	-0.113	4	12.229	2
4041	M421	1	max	0.003	2	9.913	6	0.001	2	0.013	6	0.039	4	73.502	6
4042			min	-0.007	4	1.86	2	-0.003	4	-0.004	4	-0.02	2	12.176	2
4043		2	max	0.003	2	8.508	6	0.001	2	0.013	6	0.029	4	39.153	6
4044			min	-0.007	4	1.338	2	-0.003	4	-0.004	4	-0.015	2	6.211	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
4045		3	max	0.003	2	7.172	15	0.001	2	0.013	6	0.02	4	10.041	6
4046			min	-0.007	4	0.816	2	-0.003	4	-0.004	4	-0.01	2	2.194	2
4047		4	max	0.003	2	1.71	6	0.001	2	0.013	6	0.01	4	1.005	6
4048			min	-0.007	4	0.294	2	-0.003	4	-0.004	4	-0.005	2	0.123	2
4049		5	max	0.003	2	-0.228	2	0.001	2	0.013	6	0	23	0	23
4050			min	-0.007	4	-0.805	5	-0.003	4	-0.004	4	0	1	0	1
4051	M422	1	max	-0.016	2	2.914	6	0.005	2	-0.003	2	0.131	4	-0.021	2
4052			min	-0.391	8	0.545	16	-0.01	4	-0.022	5	-0.064	2	-1.533	8
4053		2	max	-0.016	2	0.372	6	0.005	2	-0.003	2	0.063	4	-2.399	23
4054			min	-0.391	8	-0.114	4	-0.01	4	-0.022	5	-0.031	2	-12.471	5
4055		3	max	-0.016	2	-0.65	2	0.005	2	-0.003	2	0.003	2	0.014	4
4056			min	-0.391	8	-2.17	5	-0.01	4	-0.022	5	-0.005	4	-6.403	5
4057		4	max	-0.016	2	-1.258	23	0.005	2	-0.003	2	0.036	2	16.848	6
4058			min	-0.391	8	-4.712	5	-0.01	4	-0.022	5	-0.073	4	3.565	2
4059		5	max	-0.016	2	-1.859	23	0.005	2	-0.003	2	0.07	2	57.232	6
4060			min	-0.391	8	-7.254	5	-0.01	4	-0.022	5	-0.141	4	16.987	16
4061	M423	1	max	0.004	4	6.74	5	0.002	4	0	23	0.013	2	58.634	5
4062			min	-0.002	2	1.852	16	-0.001	2	0	1	-0.033	4	17.664	2
4063		2	max	0.004	4	5.335	5	0.002	4	0	23	0.01	2	36.119	5
4064			min	-0.002	2	1.52	16	-0.001	2	0	1	-0.025	4	10.327	2
4065		3	max	0.004	4	3.931	5	0.002	4	0	23	0.007	2	18.842	5
4066			min	-0.002	2	1.184	2	-0.001	2	0	1	-0.016	4	4.938	2
4067		4	max	0.004	4	2.526	5	0.002	4	0	23	0.003	2	6.802	5
4068			min	-0.002	2	0.662	2	-0.001	2	0	1	-0.008	4	1.495	2
4069		5	max	0.004	4	1.122	5	0.002	4	0	23	0	23	0	23
4070			min	-0.002	2	0.14	2	-0.001	2	0	1	0	1	0	1
4071	M424	1	max	0.813	5	4.203	5	0.017	4	0.027	4	0.076	2	2.971	6
4072			min	0.132	2	0.549	2	-0.009	2	-0.008	2	-0.149	4	0.46	2
4073		2	max	0.813	5	3.665	5	0.017	4	0.027	4	0.052	2	-1.083	2
4074			min	0.132	2	0.549	2	-0.009	2	-0.008	2	-0.102	4	-8.095	5
4075		3	max	0.813	5	3.128	5	0.017	4	0.027	4	0.027	2	-2.626	2
4076			min	0.132	2	0.549	2	-0.009	2	-0.008	2	-0.056	4	-17.648	5
4077		4	max	0.813	5	2.591	5	0.017	4	0.027	4	0.003	2	-4.168	2
4078			min	0.132	2	0.549	2	-0.009	2	-0.008	2	-0.009	4	-25.691	5
4079		5	max	0.813	5	2.054	5	0.017	4	0.027	4	0.038	4	-5.711	2
4080			min	0.132	2	0.549	2	-0.009	2	-0.008	2	-0.021	2	-32.223	5
4081	M425	1	max	0.813	5	-0.889	2	0.019	4	0.027	4	0.038	4	-5.711	2
4082			min	0.135	2	-4.784	5	-0.009	2	-0.008	2	-0.021	2	-32.22	5
4083		2	max	0.813	5	-0.889	2	0.019	4	0.027	4	0.071	4	-4.156	2
4084			min	0.135	2	-4.904	5	-0.009	2	-0.008	2	-0.036	2	-23.744	5
4085		3	max	0.813	5	-0.889	2	0.019	4	0.027	4	0.104	4	-2.601	2
4086			min	0.135	2	-5.024	5	-0.009	2	-0.008	2	-0.052	2	-15.057	5
4087		4	max	0.813	5	-0.889	2	0.019	4	0.027	4	0.137	4	-1.046	2
4088			min	0.135	2	-5.144	5	-0.009	2	-0.008	2	-0.067	2	-6.16	6
4089		5	max	0.813	5	-0.889	2	0.019	4	0.027	4	0.17	4	2.947	5
4090			min	0.135	2	-5.264	5	-0.009	2	-0.008	2	-0.082	2	0.509	2
4091	M426	1	max	2.411	6	10.294	6	0.023	4	0.057	4	0.074	2	8.901	6
4092			min	0.389	2	1.614	2	-0.011	2	-0.001	2	-0.151	4	1.453	2
4093		2	max	2.411	6	10.101	6	0.023	4	0.057	4	0.043	2	-3.088	2
4094			min	0.389	2	1.614	2	-0.011	2	-0.001	2	-0.087	4	-19.78	5
4095		3	max	2.411	6	9.908	6	0.023	4	0.057	4	0.011	2	-7.628	2
4096			min	0.389	2	1.614	2	-0.011	2	-0.001	2	-0.023	4	-47.917	6
4097		4	max	2.411	6	9.715	6	0.023	4	0.057	4	0.042	4	-12.169	2
4098			min	0.389	2	1.614	2	-0.011	2	-0.001	2	-0.02	2	-75.513	6
4099		5	max	2.411	6	9.522	6	0.023	4	0.057	4	0.106	4	-16.71	2
4100			min	0.389	2	1.614	2	-0.011	2	-0.001	2	-0.051	2	-102.565	6
4101	M427	1	max	2.412	6	-2.589	2	0.027	4	-0.054	2	0.025	2	-16.72	2
4102			min	0.388	2	-15.676	6	-0.014	2	-0.245	6	-0.046	4	-102.58	6

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
4103		2	max	2.412	6	-2.589	2	0.027	4	-0.054	2	0.002	6	-12.189	2
4104			min	0.388	2	-15.796	6	-0.014	2	-0.245	6	0.001	2	-75.043	6
4105		3	max	2.412	6	-2.589	2	0.027	4	-0.054	2	0.049	4	-7.657	2
4106			min	0.388	2	-15.916	6	-0.014	2	-0.245	6	-0.024	2	-47.295	6
4107		4	max	2.412	6	-2.589	2	0.027	4	-0.054	2	0.096	4	-3.126	2
4108			min	0.388	2	-16.036	6	-0.014	2	-0.245	6	-0.049	2	-19.338	6
4109		5	max	2.412	6	-2.589	2	0.027	4	-0.054	2	0.144	4	8.831	5
4110			min	0.388	2	-16.156	6	-0.014	2	-0.245	6	-0.074	2	1.405	2
4111	M428	1	max	0	2	0.971	15	0.003	4	0	23	0	23	0	23
4112			min	0	4	0.088	2	-0.001	2	0	1	0	1	0	1
4113		2	max	0	2	0.746	15	0.003	4	0	23	0.007	4	-0.247	2
4114			min	0	4	0.088	2	-0.001	2	0	1	-0.003	2	-2.415	8
4115		3	max	0	2	0.55	5	0.003	4	0	23	0.014	4	-0.495	2
4116			min	0	4	0.088	2	-0.001	2	0	1	-0.007	2	-4.197	8
4117		4	max	0	2	0.357	5	0.003	4	0	23	0.021	4	-0.742	2
4118			min	0	4	0.088	2	-0.001	2	0	1	-0.01	2	-5.452	5
4119		5	max	0	2	0.164	5	0.003	4	0	23	0.028	4	-0.99	2
4120			min	0	4	0.014	16	-0.001	2	0	1	-0.013	2	-6.184	5
4121	M429	1	max	0.002	4	-0.14	2	0.002	2	0	23	0.028	4	-0.98	2
4122			min	-0.001	2	-0.642	5	-0.004	4	0	1	-0.013	2	-6.172	5
4123		2	max	0.002	4	-0.14	2	0.002	2	0	23	0.021	4	-0.735	2
4124			min	-0.001	2	-0.762	5	-0.004	4	0	1	-0.01	2	-4.944	5
4125		3	max	0.002	4	-0.14	2	0.002	2	0	23	0.014	4	-0.49	2
4126			min	-0.001	2	-0.882	5	-0.004	4	0	1	-0.007	2	-3.506	5
4127		4	max	0.002	4	-0.14	2	0.002	2	0	23	0.007	4	-0.245	2
4128			min	-0.001	2	-1.002	5	-0.004	4	0	1	-0.003	2	-1.858	5
4129		5	max	0.002	4	-0.14	2	0.002	2	0	23	0	23	0	23
4130			min	-0.001	2	-1.122	5	-0.004	4	0	1	0	1	0	1

Envelope Maximum Member Section Forces

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
1	M1	max	102.045	0	6	0	10	23	0	10	7	0	10	2	0.002	10	7	0	10	23
2		min	21.662	0	2	0	0	1	0	0	2	-0.001	0	7	0	10	2	0	0	1
3	M2	max	74.757	0	6	0	11.5	23	0	11.5	2	0	11.5	2	0.002	0	7	0	11.5	23
4		min	15.551	0	2	0	0	1	-0.001	0	7	-0.001	0	7	-0.007	11.5	7	0	0	1
5	M3	max	61.325	0	6	0	10	23	0.002	10	7	0	10	23	0.016	10	7	0	10	23
6		min	12.896	0	2	0	0	1	0	0	2	0	0	1	-0.001	0	7	0	0	1
7	M4	max	35.107	0	6	0	10.5	23	0.002	10.5	7	0	10.5	23	0.006	10.5	7	0	10.5	23
8		min	6.697	0	2	0	0	1	0	0	2	0	0	1	-0.02	0	7	0	0	1
9	M5	max	9.247	0	7	0	10.5	23	0	10.5	2	0	10.5	23	0.004	0	7	0	10.5	23
10		min	0	0	2	0	0	1	0	0	7	0	0	1	-0.001	10.5	7	0	0	1
11	M6	max	306.803	0	6	-0.033	10	2	0.029	10	7	0	10	7	0.287	10	7	1.525	10	6
12		min	62.182	0	2	-0.152	0	6	0	0	2	0	0	4	0	10	2	0	0	1
13	M7	max	271.48	0	6	0.211	11.5	6	0	11.5	2	0	11.5	7	0.287	0	7	1.525	0	6
14		min	53.664	0	2	0.047	0	2	-0.119	0	7	0	0	4	-1.08	11.5	7	-0.897	11.5	6
15	M8	max	200.859	0	6	-0.029	10	2	0.47	10	7	0	10	7	3.614	10	7	0.228	10	6
16		min	37.704	0	2	-0.113	0	6	0	0	2	0	0	16	-1.09	0	7	-0.897	0	6
17	M9	max	112.913	0	6	0.028	10.5	6	0.001	10.5	2	0	10.5	2	3.656	0	7	0.228	0	6
18		min	18.098	0	2	0.006	0	16	-0.78	0	7	0	0	4	-4.53	10.5	7	-0.061	10.5	6
19	M10	max	50.661	0	7	-0.001	10.5	23	0.432	10.5	7	0	10.5	2	0.015	10.5	7	0	10.5	6
20		min	1.754	0	2	-0.006	0	6	0	0	2	0	0	4	-4.521	0	7	-0.06	0	6
21	M11	max	333.359	0	6	-0.056	10	2	0.009	10	7	0	10	6	0.092	10	7	2.447	10	5
22		min	77.013	0	2	-0.245	0	5	0.001	0	2	0	0	2	0	0	1	0	0	1
23	M12	max	297.491	0	6	0.302	11.5	6	-0.003	11.5	2	0	11.5	6	0.092	0	7	2.447	0	5
24		min	68.267	0	2	0.069	0	2	-0.034	0	7	0	0	2	-0.295	11.5	7	-1.032	11.5	6
25	M13	max	199.785	0	6	-0.032	10	2	0.124	10	7	0	10	2	0.948	10	7	0.312	10	6
26		min	45.093	0	2	-0.134	0	6	0.012	0	2	0	0	8	-0.296	0	7	-1.032	0	6
27	M14	max	110.29	0	6	-0.17	10.5	2	-0.011	10.5	2	0	10.5	2	0.312	0	6	12.422	10.5	7

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LCy	Shear[k]	Loc[ft]	LCz	Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LCy	y-y Moment[k-ft]	Loc[ft]	LCz	z-z Moment[k-ft]	Loc[ft]	LC
28		min	23.516	0	2	-1.274	0	7	-0.044	0	6	0	0	8	-0.148	10.5	6	-0.951	0	7
29	M15	max	42.581	0	6	-0.163	10.5	2	0.014	10.5	6	0.001	10.5	2	0	10.5	6	36.542	10.5	7
30		min	7.363	0	2	-5.672	0	7	0.004	0	2	-0.003	0	4	-0.147	0	6	-23.016	0	7
31	M16	max	4.436	0	6	2.464	11.5	6	0	11.5	2	-0.005	11.5	2	0.001	0	6	14.238	0	6
32		min	0.984	0	2	0.581	0	2	0	0	6	-0.027	0	6	-0.002	11.5	6	-14.099	11.5	6
33	M17	max	14.284	0	5	3.288	10	6	0	10	2	-0.002	10	2	0.002	0	5	16.301	0	6
34		min	3.441	0	2	0.779	0	2	0	0	5	-0.006	0	5	0	10	5	-16.583	10	6
35	M18	max	8.684	0	15	-0.008	11.5	2	0	11.5	2	0	11.5	7	0	11.5	2	0.224	11.5	6
36		min	0.636	0	2	-0.045	0	6	0	0	7	0	0	2	-0.001	11.5	7	-0.289	0	6
37	M19	max	28.288	0	6	-0.007	10	2	0.001	10	7	0	10	2	0.005	10	7	0.166	10	6
38		min	6.865	0	2	-0.035	0	6	0	0	2	0	0	7	-0.001	0	7	-0.189	0	6
39	M20	max	14.882	0	6	0.05	11.5	6	0	11.5	2	0	11.5	7	0	0	2	0.33	0	6
40		min	3.365	0	2	0.007	0	2	0	0	7	0	0	5	-0.001	11.5	7	-0.243	11.5	6
41	M21	max	27.479	0	6	0.021	10	4	0	10	7	0	10	3	0.002	10	7	0.119	0	4
42		min	6.404	0	2	-0.002	0	2	0	0	2	0	0	7	0	0	7	-0.089	10	4
43	M22	max	16.316	13.667	5	19.234	0	6	0	13.667	23	0	13.667	2	0	13.667	23	0	13.667	23
44		min	3.518	0	2	-27.241	13.667	5	0	0	1	0	0	7	0	0	1	-90.138	6.549	5
45	M23	max	16.603	4.854	5	7.464	0	6	0	4.854	2	0	4.854	7	0	4.854	2	0.095	4.854	2
46		min	3.596	0	2	-4.181	4.854	5	0	0	7	0	0	2	0	4.854	7	-13.728	1.871	6
47	M24	max	1.328	8.542	5	0.397	0	5	0	8.542	2	0	8.542	7	0	0	7	0.15	0	2
48		min	0.317	0	16	-0.041	8.542	4	0	0	7	0	0	2	0	0	2	-3.596	8.542	6
49	M25	max	18.931	4.854	5	3.656	0	5	0	4.854	7	0	4.854	2	0	4.854	23	0	4.854	23
50		min	4.522	0	2	-7.987	4.854	6	0	0	2	0	0	7	0	0	7	-14.709	2.983	6
51	M26	max	19.335	13.666	5	27.213	0	6	0	13.666	23	0	13.666	7	0	13.666	23	0	13.666	23
52		min	4.639	0	2	-19.262	13.666	5	0	0	1	0	0	2	0	0	1	-90.118	7.118	5
53	M27	max	-0.349	13.667	2	19.586	0	6	0	13.667	23	0.008	13.667	7	0	13.667	23	0	13.667	23
54		min	-2.395	0	6	-27.593	13.667	5	0	0	1	0	0	2	0	0	1	-91.339	6.549	5
55	M28	max	14.216	4.854	5	7.142	0	6	0	4.854	7	0	4.854	2	0.001	4.854	7	0.546	4.854	2
56		min	2.612	0	2	-4.5	4.854	5	0	0	2	-0.001	0	7	0	0	1	-13.126	1.871	6
57	M29	max	-1.084	8.542	2	0.443	0	5	0	8.542	2	0	8.542	2	0	0	7	0.625	0	2
58		min	-5.055	0	5	-0.045	8.542	4	0	0	7	0	0	7	0	8.542	7	-2.309	8.542	6
59	M30	max	14.298	4.854	5	3.918	0	5	0	4.854	7	0	4.854	7	0	0	2	0	4.854	23
60		min	3.436	0	2	-7.722	4.854	6	0	0	2	0	0	2	0	0	7	-14.213	2.983	6
61	M31	max	20.41	13.666	5	27.213	0	6	0	13.666	23	0	13.666	2	0	13.666	23	0	13.666	23
62		min	5.009	0	2	-19.262	13.666	5	0	0	1	0	0	7	0	0	1	-90.118	7.118	5
63	M32	max	1.455	13.667	2	19.586	0	6	0	13.667	23	0	13.667	2	0	13.667	23	0	13.667	23
64		min	-2.065	0	4	-27.593	13.667	5	0	0	1	-0.036	0	7	0	0	1	-91.339	6.549	5
65	M33	max	2.601	4.854	6	7.087	0	5	0	4.854	2	0.005	4.854	7	0	4.854	2	0.462	4.854	2
66		min	0.347	0	2	-4.55	4.854	6	0	0	7	0	0	2	0	4.854	7	-13.023	1.871	5
67	M34	max	2.638	8.542	6	0.326	0	5	0	8.542	7	0	8.542	7	0	8.542	7	0.614	0	6
68		min	0.354	0	2	-0.094	8.542	4	0	0	2	0	0	2	0	0	7	-1.296	8.542	5
69	M35	max	2.623	4.854	6	4.183	0	6	0	4.854	2	0	4.854	2	0	0	7	0	4.854	23
70		min	0.356	0	2	-7.455	4.854	5	0	0	7	-0.002	0	7	0	4.804	2	-13.713	2.983	5
71	M36	max	3.325	13.666	5	27.213	0	6	0	13.666	23	0.001	13.666	7	0	13.666	23	0	13.666	23
72		min	0.796	0	2	-19.262	13.666	5	0	0	1	0	0	2	0	0	1	-90.118	7.118	5
73	M37	max	2.713	0	4	0.098	0	4	0	17.862	23	0	17.862	7	0	17.862	23	0	17.862	23
74		min	-0.137	0	2	-0.098	17.862	8	0	0	1	0	0	2	0	0	1	-0.436	8.931	4
75	M38	max	-8.08	12.483	2	0.017	0	15	0	12.483	23	0	12.483	2	0	12.483	23	0	12.483	23
76		min	-39.408	0	6	-0.017	12.483	4	0	0	1	0	0	7	0	0	1	-0.054	6.241	8
77	M39	max	-10.465	12.483	2	0.017	0	4	0	12.483	23	0	12.483	7	0	12.483	23	0	12.483	23
78		min	-45.395	12.483	6	-0.017	12.483	8	0	0	1	0	0	2	0	0	1	-0.054	6.241	4
79	M40	max	-7.504	17.861	2	0.065	0	4	0	17.861	23	0	17.861	2	0	17.861	23	0	17.861	23
80		min	-31.51	0	6	-0.065	17.861	8	0	0	1	0	0	6	0	0	1	-0.291	8.93	4
81	M41	max	-6.002	16.935	2	0.163	0	15	0	16.935	23	0	16.935	2	0	16.935	23	0	16.935	23
82		min	-22.067	16.935	6	-0.163	16.935	4	0	0	1	-0.002	0	7	0	0	1	-0.689	8.467	8
83	M42	max	-8.466	11.116	2	0.029	0	4	0	11.116	23	0.001	11.116	7	0	11.116	23	0	11.116	23
84		min	-44.234	0	5	-0.029	11.116	8	0	0	1	0	0	2	0	0	1	-0.08	5.558	4
85	M43	max	-10.373	11.116	2	0.029	0	4	0	11.116	23	0	11.116	2	0	11.116	23	0	11.116	23

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
86		min	-44.473	11.116	5	-0.029	11.116	8	0	0	1	0	0	7	0	0	1	-0.08	5.558	4
87	M44	max	-6.106	16.934	2	0.098	0	15	0	16.934	23	0	16.934	7	0	16.934	23	0	16.934	23
88		min	-24.813	0	5	-0.098	16.934	4	0	0	1	0	0	2	0	0	1	-0.413	8.467	8
89	M45	max	78.261	0	6	-0.256	10	2	-0.011	10	2	0.013	10	5	0	0	23	11.279	10	6
90		min	15.245	0	2	-1.128	0	6	-0.055	0	6	0.003	0	2	-0.552	10	6	0	0	1
91	M46	max	70.321	0	6	1.193	11.5	6	0.077	11.5	6	-0.004	11.5	2	0.336	11.5	6	11.273	0	6
92		min	13.852	0	2	0.266	0	2	0.015	0	2	-0.018	0	5	-0.553	0	6	-2.451	11.5	6
93	M47	max	46.746	0	6	-0.015	10	2	-0.009	10	2	0	10	7	0.332	0	6	-0.347	10	2
94		min	8.845	0	2	-0.136	0	7	-0.044	0	6	-0.002	0	5	-0.106	10	6	-2.446	0	6
95	M48	max	32.947	0	6	-0.033	10.5	2	0.01	10.5	6	0	10.5	23	-0.001	10.5	2	-0.014	10.5	2
96		min	6.109	0	2	-0.139	0	5	0.002	0	2	0	0	1	-0.107	0	6	-1.522	0	5
97	M49	max	9.45	0	7	0	10.5	5	0	10.5	2	0	10.5	23	0	10.5	2	0	0	23
98		min	0	0	2	0	0	2	0	0	7	0	0	1	-0.003	10.5	7	0	10.5	5
99	M50	max	-0.001	13.667	7	20.111	0	6	0	13.667	23	0	13.667	2	0	13.667	23	0	13.667	23
100		min	-0.06	0	5	-28.272	13.667	5	0	0	1	-0.002	0	7	0	0	1	-95.692	7.972	5
101	M51	max	-0.018	18.25	2	35.134	0	6	0	18.25	23	0.008	18.25	7	0	18.25	23	0	18.25	23
102		min	-0.09	0	5	-29.601	18.25	5	0	0	1	0.001	0	2	0	0	1	-168.725	10.266	5
103	M52	max	-0.033	13.666	2	23.47	0	6	0	13.666	2	-0.001	13.666	2	0	13.666	2	0	0	23
104		min	-0.141	0	5	-25.297	13.666	5	0	0	7	-0.006	0	7	0	13.666	7	-121.91	7.972	6
105	M53	max	-0.033	1.417	2	-6.11	1.417	2	0	1.417	7	-0.001	1.417	2	0	0	2	0	1.417	23
106		min	-0.141	0	5	-31.302	1.417	6	0	0	2	-0.006	0	7	0	0	7	-44.296	0	6
107	M54	max	0.008	13.667	2	0.096	0	15	0	13.667	23	0.001	13.667	7	0	13.667	23	0	13.667	23
108		min	-0.037	0	4	-0.096	13.667	4	0	0	1	0	0	2	0	0	1	-0.329	6.833	8
109	M55	max	-0.385	18.25	2	0.73	0	15	0	18.25	23	0	18.25	2	0	18.25	23	0	18.25	23
110		min	-2.426	0	6	-0.73	18.25	4	0	0	1	-0.014	0	7	0	0	1	-3.332	9.125	4
111	M56	max	0	13.666	5	0.183	0	15	0	13.666	23	0	13.666	2	0	13.666	23	0	13.666	23
112		min	0	0	2	-0.183	13.666	4	0	0	1	-0.003	0	7	0	0	1	-0.625	6.833	4
113	M57	max	-0.52	1.417	2	-0.004	1.417	2	10.113	1.417	6	0.001	1.417	6	0	1.417	23	0	1.417	23
114		min	-2.274	0	6	-0.019	0	6	2.367	0	2	0	0	2	-14.239	0	6	-0.027	0	6
115	M58	max	1.296	1.417	6	0.015	1.417	6	21.519	1.417	6	0.004	1.417	6	0	1.417	23	0.021	0	6
116		min	0.281	0	2	0.003	0	2	5.071	0	2	0.001	0	2	-30.401	0	6	0	1.417	1
117	M59	max	0.047	1.417	5	0.004	1.417	5	11.768	1.417	6	0.001	1.417	5	0	1.417	23	0.006	0	5
118		min	-0.07	0	7	0.001	0	2	2.776	0	2	0	0	2	-16.584	0	6	0	1.417	1
119	M60	max	92.661	0	6	0	11.5	23	0.001	11.5	7	0	11.5	7	0.005	11.5	7	0	11.5	23
120		min	19.73	0	2	0	0	1	0	0	2	0	0	2	-0.001	0	7	0	0	1
121	M61	max	127.881	0	6	0	10	23	0	10	2	0	10	7	0	10	2	0	10	23
122		min	27.865	0	2	0	0	1	0	0	7	0	0	2	-0.001	10	7	0	0	1
123	M62	max	25.782	0	6	0	10.5	23	0.004	10.5	7	0	10.5	23	0.03	10.5	7	0	10.5	23
124		min	4.418	0	2	0	0	1	0	0	2	0	0	1	-0.01	0	7	0	0	1
125	M63	max	2.982	4.854	6	7.203	0	5	0	4.854	2	0	4.854	2	0	0	23	0.117	4.854	2
126		min	0.6	0	2	-4.44	4.854	6	0	0	7	-0.001	0	7	0	4.854	7	-13.239	1.871	5
127	M64	max	3.994	0	6	2.354	11.5	6	0	11.5	6	0.024	11.5	6	0.002	11.5	7	13.597	0	6
128		min	0.858	0	2	0.549	0	2	0	0	2	0.004	0	2	-0.001	0	6	-13.472	11.5	6
129	M65	max	137.385	0	6	-0.001	10	23	0	10	2	0	10	5	0.139	0	7	-0.075	10	2
130		min	28.467	0	2	-0.006	0	6	-0.058	0	7	0	0	2	-0.445	10	7	-0.428	0	6
131	M66	max	61.336	0	6	1.091	11.5	6	-0.015	11.5	2	0.018	11.5	5	0.519	0	6	11.786	0	6
132		min	11.583	0	2	0.242	0	2	-0.078	0	6	0.004	0	2	-0.38	11.5	6	-1.048	11.5	7
133	M68	max	52.127	0	6	0	10	23	0	10	2	0	10	23	0.004	0	7	0	10	23
134		min	10.618	0	2	0	0	1	-0.002	0	7	0	0	1	-0.015	10	7	0	0	1
135	M69	max	28.096	0	6	-0.006	10	2	0	10	2	0	10	7	0	0	7	0.157	10	6
136		min	6.73	0	2	-0.032	0	6	0	0	7	0	0	2	-0.001	10	7	-0.163	0	6
137	M70	max	255.472	0	6	0.304	11.5	6	0.244	11.5	7	0	11.5	2	2.136	11.5	7	2.679	0	5
138		min	56.666	0	2	0.071	0	2	0.003	0	2	0	0	7	-0.665	0	7	-0.824	11.5	6
139	M71	max	15.199	4.854	5	7.242	0	6	0	4.854	7	0	4.854	7	0	4.854	7	0.105	4.854	2
140		min	3.219	0	2	-4.397	4.854	5	0	0	2	0	0	2	0	0	1	-13.312	1.871	6
141	M72	max	235.943	0	6	-0.036	10	2	0	10	2	0	10	6	0	10	2	1.55	10	6
142		min	51.71	0	2	-0.155	0	6	-0.004	0	7	0	0	2	-0.043	10	7	0	0	1
143	M73	max	-0.12	18.25	2	19.98	0	6	0	18.25	23	-0.001	18.25	2	0	18.25	23	0	18.25	23

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
144		min	-0.508	0	5	-16.868	18.25	5	0	0	1	-0.017	0	7	0	0	1	-95.882	10.266	5
145	M74	max	200.496	0	6	0.172	11.5	6	0.016	11.5	7	0	11.5	6	0.138	11.5	7	1.55	0	6
146		min	43.135	0	2	0.04	0	2	0	0	2	0	0	2	-0.043	0	7	-0.428	11.5	6
147	M75	max	72.139	0	6	-0.007	10.5	2	0.895	10.5	7	0	10.5	5	8.946	10.5	7	0	10.5	5
148		min	13.245	0	2	-0.035	0	6	-0.001	0	2	0	0	2	-0.452	0	7	-0.364	0	6
149	M77	max	3.017	8.542	6	0.24	0	6	0	8.542	7	0	8.542	7	0	8.542	7	0.147	0	2
150		min	0.606	0	2	-0.079	8.542	4	0	0	2	0	0	2	0	0	7	-1.104	8.542	6
151	M78	max	291.187	0	6	-0.062	10	2	-0.001	10	2	0	10	2	0	0	23	2.679	10	5
152		min	65.337	0	2	-0.268	0	5	-0.066	0	7	0	0	7	-0.664	10	7	0	0	1
153	M79	max	161.151	0	6	-0.017	10	2	-0.012	10	2	0	10	5	2.14	0	7	-0.027	10	2
154		min	34.641	0	2	-0.07	0	6	-0.9	0	7	0	0	2	-6.856	10	7	-0.824	0	6
155	M80	max	65.98	0	6	5.53	10.5	7	0.012	10.5	5	0	10.5	7	0	10.5	5	6.877	0	7
156		min	11.069	0	2	0.074	0	2	0.003	0	2	0	0	2	-0.13	0	5	-51.188	10.5	7
157	M81	max	69.716	0	6	-0.272	10	2	0.052	10	6	-0.003	10	2	0.519	10	6	11.802	10	6
158		min	13.035	0	2	-1.18	0	6	0.01	0	2	-0.014	0	5	0	0	1	0	0	1
159	M83	max	14.777	0	5	3.164	10	6	0	10	2	-0.001	10	2	0.001	0	7	15.664	0	6
160		min	3.569	0	2	0.743	0	2	-0.001	0	7	-0.004	0	5	-0.006	10	7	-15.974	10	6
161	M84	max	8.627	0	6	-0.007	11.5	2	0	11.5	7	0	11.5	2	0	11.5	7	0.197	11.5	6
162		min	1.41	0	2	-0.039	0	6	0	0	2	0	0	7	0	0	2	-0.256	0	6
163	M86	max	12.527	0	6	0.041	11.5	6	0	11.5	7	0	11.5	7	0.003	11.5	7	0.278	0	6
164		min	2.85	0	2	0.007	0	2	0	0	2	0	0	2	0	0	2	-0.197	11.5	6
165	M87	max	24.489	0	6	-0.12	10.5	2	0.009	10.5	7	0	10.5	23	0.087	10.5	7	0.004	10.5	4
166		min	4.03	0	2	-0.506	0	5	0	0	2	0	0	1	-0.013	0	7	-5.307	0	5
167	M88	max	3.003	4.854	6	4.217	0	5	0	4.854	2	0.012	4.854	7	0	0	7	0	4.854	23
168		min	0.606	0	2	-7.421	4.854	6	0	0	7	0	0	2	0	0	2	-13.651	2.983	6
169	M89	max	27.603	0	5	0.018	10	15	0	10	2	0	10	2	0.002	0	7	0.099	0	15
170		min	6.504	0	2	0	0	2	-0.001	0	7	0	0	7	-0.012	10	7	-0.085	10	8
171	M90	max	17.516	13.667	5	19.234	0	6	0	13.667	23	0	13.667	7	0	13.667	23	0	13.667	23
172		min	3.982	0	2	-27.241	13.667	5	0	0	1	0	0	2	0	0	1	-90.138	6.549	5
173	M91	max	17.779	4.854	5	7.476	0	6	0	4.854	7	0	4.854	2	0	4.854	7	0	0	23
174		min	4.055	0	2	-4.166	4.854	5	0	0	2	0	0	7	0	0	1	-13.75	1.871	6
175	M92	max	-0.12	1.417	2	-4.031	1.417	2	0	1.417	7	0.087	1.417	7	0	1.417	23	0	1.417	23
176		min	-0.505	0	5	-22.842	1.417	6	0	0	2	0.001	0	2	0	0	7	-32.307	0	6
177	M93	max	2.449	8.542	5	0.298	0	6	0	8.542	2	0	8.542	7	0	0	7	-0.135	0	2
178		min	0.635	0	2	-0.024	8.542	4	0	0	7	0	0	2	0	8.542	7	-2.852	8.542	6
179	M94	max	19.106	4.854	5	3.833	0	5	0	4.854	2	0.001	4.854	7	0	0	7	0	4.854	23
180		min	4.557	0	2	-7.823	4.854	6	0	0	7	0	0	2	0	4.854	1	-14.403	2.983	6
181	M95	max	19.538	13.666	5	27.213	0	6	0	13.666	23	0	13.666	2	0	13.666	23	0	13.666	23
182		min	4.684	0	2	-19.262	13.666	5	0	0	1	0	0	7	0	0	1	-90.118	7.118	5
183	M96	max	-2.452	13.667	2	19.586	0	6	0	13.667	23	0	13.667	2	0	13.667	23	0	13.667	23
184		min	-10.799	0	6	-27.593	13.667	5	0	0	1	-0.001	0	7	0	0	1	-91.339	6.549	5
185	M97	max	-1.448	8.542	2	0.268	0	6	0	8.542	1	0	8.542	2	0	0	7	0.167	0	2
186		min	-6.126	0	6	-0.042	8.542	4	0	0	7	0	0	7	0	0	2	-1.363	8.542	6
187	M98	max	-10.692	11.116	2	0.029	0	15	0	11.116	23	0	11.116	2	0	11.116	23	0	11.116	23
188		min	-48.94	0	5	-0.029	11.116	4	0	0	1	0	0	7	0	0	1	-0.08	5.558	8
189	M99	max	15.237	4.854	5	5.222	0	5	0	4.854	7	0	4.854	2	0	4.854	23	0	4.854	23
190		min	3.813	0	2	-6.43	4.854	6	0	0	2	-0.003	0	7	-0.001	0	7	-11.872	2.983	6
191	M100	max	22.364	13.666	5	27.213	0	6	0	13.666	23	0.001	13.666	7	0	13.666	23	0	13.666	23
192		min	5.556	0	2	-19.262	13.666	5	0	0	1	0	0	2	0	0	1	-90.118	7.118	5
193	M101	max	-8.046	13.667	2	19.586	0	6	0	13.667	23	0.006	13.667	7	0	13.667	23	0	13.667	23
194		min	-37.155	0	6	-27.593	13.667	5	0	0	1	0	0	2	0	0	1	-91.339	6.549	5
195	M102	max	23.498	0	6	0.098	0	4	0	16.935	23	0	16.935	7	0	16.935	23	0	16.935	23
196		min	4.934	0	2	-0.098	16.935	8	0	0	1	0	0	2	0	0	1	-0.413	8.467	4
197	M103	max	4.112	13.666	5	27.213	0	6	0	13.666	23	0	13.666	2	0	13.666	23	0	13.666	23
198		min	0.98	0	2	-19.262	13.666	5	0	0	1	-0.006	0	7	0	0	1	-90.118	7.118	5
199	M104	max	-0.119	13.666	2	13.92	0	6	0	13.666	2	0.087	13.666	7	0	0	23	0	0	23
200		min	-0.502	0	5	-13.941	13.666	5	0	0	7	0.001	0	2	0	13.666	7	-73.474	7.972	6
201	M105	max	13.979	0	6	0.065	0	4	0	17.862	23	0	17.862	2	0	17.862	23	0	17.862	23

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
202		min	3.007	0	2	-0.065	17.862	8	0	0	1	0	0	7	0	0	1	-0.291	8.931	4
203	M106	max	38.14	0	6	0.475	10	5	0.037	10	6	0.002	10	5	0.002	10	2	-0.062	0	2
204		min	6.716	0	2	0.119	0	2	0.007	0	2	0.001	0	2	-0.377	0	6	-5.277	10	5
205	M107	max	-8.777	12.483	2	0.017	0	4	0	12.483	23	0	12.483	7	0	12.483	23	0	12.483	23
206		min	-39.665	0	6	-0.017	12.483	8	0	0	1	0	0	2	0	0	1	-0.054	6.241	4
207	M108	max	-10.07	12.483	2	0.017	0	4	0	12.483	23	0	12.483	2	0	12.483	23	0	12.483	23
208		min	-43.115	12.483	6	-0.017	12.483	8	0	0	1	0	0	7	0	0	1	-0.054	6.241	4
209	M109	max	-7.509	17.861	2	0.065	0	4	0	17.861	23	0	17.861	7	0	17.861	23	0	17.861	23
210		min	-31.545	0	5	-0.065	17.861	8	0	0	1	0	0	2	0	0	1	-0.291	8.93	4
211	M110	max	-12.062	11.116	2	0.029	0	15	0	11.116	23	0.002	11.116	7	0	11.116	23	0	11.116	23
212		min	-49.05	11.116	5	-0.029	11.116	4	0	0	1	0	0	2	0	0	1	-0.08	5.558	8
213	M111	max	-6.972	16.934	2	0.098	0	4	0	16.934	23	0	16.934	2	0	16.934	23	0	16.934	23
214		min	-28.047	0	5	-0.098	16.934	8	0	0	1	-0.003	0	7	0	0	1	-0.413	8.467	4
215	M113	max	-0.127	13.667	2	11.438	0	6	0	13.667	23	0	13.667	2	0	13.667	23	0	13.667	23
216		min	-0.533	0	5	-16.029	13.667	5	0	0	1	-0.03	0	7	0	0	1	-54.244	7.972	5
217	M116	max	-0.512	1.417	2	0.017	1.417	6	9.661	1.417	6	0	1.417	2	0	1.417	23	0.024	0	6
218		min	-2.225	0	6	0.003	0	2	2.237	0	2	-0.001	0	6	-13.599	0	6	0	1.417	1
219	M117	max	0.647	1.417	6	-0.004	1.417	2	20.628	1.417	6	0	1.417	2	0	1.417	23	0	1.417	23
220		min	0.124	0	2	-0.02	0	6	4.812	0	2	-0.003	0	6	-29.138	0	6	-0.029	0	6
221	M118	max	0.971	1.417	5	0.003	1.417	5	11.339	1.417	6	0.001	1.417	5	0	1.417	23	0.004	0	5
222		min	0.238	0	2	0.001	0	2	2.649	0	2	0	0	7	-15.976	0	6	0	1.417	1
223	M119	max	59.745	0	6	0	11.5	23	0	11.5	2	0	11.5	2	0.002	0	7	0	11.5	23
224		min	12.587	0	2	0	0	1	-0.001	0	7	-0.002	0	7	-0.007	11.5	7	0	0	1
225	M120	max	-0.277	1.417	2	-0.17	1.417	2	0	1.417	7	0	1.417	7	0	0	5	0	1.417	23
226		min	-1.127	0	5	-9.33	1.417	7	0	0	5	0	0	2	0	0	7	-13.161	0	7
227	M121	max	9.793	8.542	5	0.271	0	6	0	8.542	7	0	8.542	7	0	8.542	7	1.177	0	5
228		min	2.419	0	2	-0.001	8.542	4	0	0	2	0	0	2	0	0	7	-0.317	8.542	7
229	M122	max	2.921	0	6	1.979	11.5	6	0	11.5	6	0.021	11.5	6	0.001	11.5	6	11.423	0	6
230		min	0.638	0	2	0.473	0	2	0	0	2	0.004	0	2	0	0	8	-11.338	11.5	6
231	M123	max	31.602	0	6	0	10	23	0.002	10	7	0	10	2	0.016	10	7	0	10	23
232		min	6.151	0	2	0	0	1	0	0	2	0	0	7	-0.004	0	7	0	0	1
233	M124	max	186.678	0	6	0.144	11.5	5	0	11.5	2	0	11.5	2	0.031	0	7	1.951	0	5
234		min	42.4	0	2	0.035	0	2	-0.012	0	7	0	0	6	-0.107	11.5	7	0.075	11.5	2
235	M125	max	127.824	0	6	0.022	11.5	5	0	11.5	2	0.001	11.5	7	0.192	0	7	0.337	0	5
236		min	27.876	0	2	0.006	0	2	-0.075	0	7	0	0	2	-0.671	11.5	7	0.02	11.5	2
237	M126	max	-6.748	12.483	2	0.023	0	15	0	12.483	23	0	12.483	7	0	12.483	23	0	12.483	23
238		min	-29.083	12.483	6	-0.023	12.483	4	0	0	1	0	0	2	0	0	1	-0.072	6.241	8
239	M127	max	10.691	0	7	0	10.5	23	0.001	10.5	7	0	10.5	23	0.002	10.5	7	0	10.5	23
240		min	0.186	0	2	0	0	1	0	0	2	0	0	1	-0.006	0	7	0	0	1
241	M128	max	-0.277	13.666	2	5.41	0	7	0	13.666	5	0	13.666	7	0	13.666	5	0	0	23
242		min	-1.126	0	5	-3.484	13.666	7	0	0	7	0	0	2	0	13.666	7	-22.487	8.257	7
243	M129	max	-2.277	4.854	2	7.819	0	5	0	4.854	2	0.003	4.854	7	0	0.051	2	1.224	4.854	6
244		min	-9.136	0	5	-5.26	4.854	6	0	0	7	0	0	2	0	4.854	7	-14.367	1.871	5
245	M130	max	74.211	0	6	0.052	10	6	0.292	10	7	0.001	10	7	2.237	10	7	0.084	0	6
246		min	15.218	0	2	0.012	0	2	0	0	2	0	0	2	-0.678	0	7	-0.436	10	6
247	M131	max	-7.627	11.116	2	0.029	0	15	0	11.116	23	0	11.116	2	0	11.116	23	0	11.116	23
248		min	-31.697	11.116	5	-0.029	11.116	4	0	0	1	0	0	7	0	0	1	-0.08	5.558	8
249	M132	max	38.271	0	6	0.11	11.5	6	-0.013	11.5	2	0	11.5	23	0.465	0	6	7.668	0	5
250		min	6.718	0	2	0.022	0	2	-0.068	0	6	0	0	1	-0.321	11.5	6	1.614	11.5	2
251	M134	max	18.59	0	6	0.025	10	5	0	10	7	0	10	2	0.003	10	7	0.131	0	5
252		min	4.425	0	2	0.007	0	2	0	0	2	0	0	7	0	0	7	-0.12	10	5
253	M135	max	14.304	4.854	5	7.717	0	6	0	4.854	7	0	4.854	2	0.001	4.854	7	1.72	4.854	5
254		min	3.452	0	2	-5.362	4.854	5	0	0	2	-0.001	0	7	0	0	1	-14.177	1.871	6
255	M136	max	-0.291	18.25	2	5.808	0	7	0	18.25	23	0	18.25	7	0	18.25	23	0	18.25	23
256		min	-1.184	0	5	-5.808	18.25	7	0	0	1	0	0	2	0	0	1	-26.499	9.125	7
257	M137	max	21.068	0	7	-0.01	10.5	2	0	10.5	2	0	10.5	23	2.266	0	7	0	10.5	2
258		min	0.195	0	2	-0.042	0	6	-0.216	0	7	0	0	1	-0.002	0	2	-0.436	0	6
259	M139	max	-2.284	8.542	2	0.152	0	15	0	8.542	7	0	8.542	7	0	8.542	7	1.102	0	6

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
260		min	-9.158	0	5	-0.092	8.542	4	0	0	2	0	0	2	0	0	7	0.18	8.542	2
261	M140	max	19.197	0	7	0	10.5	2	0.06	10.5	5	0	10.5	23	0	10.5	6	0	10.5	3
262		min	0.172	0	2	-0.032	0	7	0.015	0	2	0	0	1	-0.629	0	5	-0.337	0	7
263	M141	max	47.904	0	6	-0.187	10	2	0.047	10	6	0	10	23	0.465	10	6	7.679	10	5
264		min	8.641	0	2	-0.768	0	5	0.009	0	2	0	0	1	0	0	1	0	0	1
265	M143	max	15.78	0	5	2.736	10	6	0	10	7	0	10	7	0	0	2	13.499	0	6
266		min	3.817	0	2	0.657	0	2	0	0	2	-0.002	0	5	-0.001	0	6	-13.866	10	6
267	M144	max	7.408	0	6	0.013	11.5	5	0	11.5	2	0	11.5	7	0	11.5	2	0.065	0	5
268		min	1.628	0	2	0.004	0	16	0	0	7	0	0	2	-0.001	11.5	7	-0.086	11.5	5
269	M146	max	8.63	0	6	-0.005	11.5	23	0	11.5	2	0	11.5	7	0	0	2	0.11	11.5	5
270		min	1.903	0	2	-0.016	0	5	0	0	7	0	0	2	0	11.5	7	-0.075	0	5
271	M147	max	-8.71	16.934	2	0.13	0	15	0	16.934	23	0	16.934	7	0	16.934	23	0	16.934	23
272		min	-35.72	0	5	-0.13	16.934	4	0	0	1	0	0	2	0	0	1	-0.551	8.467	8
273	M148	max	10.884	0	7	-0.277	10.5	2	0.003	10.5	5	0	10.5	23	0	10.5	7	0.033	10.5	6
274		min	0.17	0	2	-1.128	0	5	0	0	2	0	0	1	-0.029	0	5	-11.807	0	5
275	M149	max	-2.275	4.854	2	5.196	0	6	0	4.854	2	0	4.854	2	0	0	7	0.91	0	6
276		min	-9.125	0	5	-7.881	4.854	5	0	0	7	-0.001	0	7	0	4.804	2	-14.485	2.983	5
277	M150	max	14.798	0	6	0.22	0	15	0	16.935	23	0	16.935	2	0	16.935	23	0	16.935	23
278		min	3.047	0	2	-0.22	16.935	4	0	0	1	-0.003	0	7	0	0	1	-0.93	8.467	8
279	M151	max	18.445	0	5	-0.008	10	2	0	10	7	0	10	2	0.001	10	7	0.149	10	6
280		min	4.391	0	2	-0.03	0	5	0	0	2	0	0	7	0	0	7	-0.147	0	5
281	M152	max	1.789	13.667	5	21.613	0	6	0	13.667	23	0	13.667	2	0	13.667	23	0	13.667	23
282		min	0.148	0	7	-30.622	13.667	5	0	0	1	0	0	7	0	0	1	-101.321	6.549	5
283	M153	max	20.741	4.854	5	7.817	0	6	0	4.854	2	0	4.854	7	0	4.854	2	1.247	4.854	5
284		min	4.987	0	2	-5.265	4.854	5	0	0	7	0	0	2	0	4.854	7	-14.364	1.871	6
285	M154	max	20.983	4.854	5	4.973	0	5	0	4.854	7	0	4.854	2	0	0	5	0	4.854	23
286		min	5.038	0	2	-8.111	4.854	6	0	0	5	0	0	7	0	0	7	-14.917	2.983	6
287	M155	max	21.245	13.666	5	30.62	0	6	0	13.666	23	0	13.666	7	0	13.666	23	0	13.666	23
288		min	5.117	0	2	-21.615	13.666	5	0	0	1	0	0	2	0	0	1	-101.307	7.118	5
289	M156	max	-3.146	13.667	2	21.965	0	6	0	13.667	23	0.005	13.667	7	0	13.667	23	0	13.667	23
290		min	-15.544	0	6	-30.974	13.667	5	0	0	1	0	0	2	0	0	1	-102.522	6.549	5
291	M157	max	-0.075	8.542	2	0.219	0	6	0	8.542	2	0	8.542	2	0	0	7	1.499	0	5
292		min	-0.344	0	6	-0.037	8.542	4	0	0	7	0	0	7	0	8.542	7	0.134	8.542	2
293	M158	max	-8.084	11.116	2	0.029	0	15	0	11.116	23	0.001	11.116	7	0	11.116	23	0	11.116	23
294		min	-33.638	0	5	-0.029	11.116	4	0	0	1	0	0	2	0	0	1	-0.08	5.558	4
295	M159	max	13.461	4.854	5	5.17	0	5	0	4.854	7	0	4.854	7	0	4.854	23	0.782	0	5
296		min	3.253	0	2	-7.914	4.854	6	0	0	2	0	0	2	0	0	7	-14.547	2.983	6
297	M160	max	26.265	13.666	5	30.62	0	6	0	13.666	23	0	13.666	2	0	13.666	23	0	13.666	23
298		min	6.414	0	2	-21.615	13.666	5	0	0	1	0	0	7	0	0	1	-101.307	7.118	5
299	M161	max	-8.244	13.667	2	21.965	0	6	0	13.667	23	0	13.667	2	0	13.667	23	0	13.667	23
300		min	-35.383	0	6	-30.974	13.667	5	0	0	1	-0.023	0	7	0	0	1	-102.522	6.549	5
301	M162	max	5.672	13.666	5	30.62	0	6	0	13.666	23	0	13.666	7	0	13.666	23	0	13.666	23
302		min	1.386	0	2	-21.615	13.666	5	0	0	1	0	0	2	0	0	1	-101.307	7.118	5
303	M163	max	19.667	0	7	1.832	10	5	0.029	10	6	0	10	23	-0.005	10	2	6.499	0	5
304		min	2.518	0	2	0.452	0	2	0.006	0	2	0	0	1	-0.319	0	6	-11.825	10	5
305	M164	max	-6.616	12.483	2	0.023	0	15	0	12.483	23	0	12.483	2	0	12.483	23	0	12.483	23
306		min	-28.429	0	6	-0.023	12.483	4	0	0	1	0	0	7	0	0	1	-0.072	6.241	8
307	M165	max	-7.578	17.861	2	0.065	0	15	0	17.861	23	0	17.861	6	0	17.861	23	0	17.861	23
308		min	-31.534	0	6	-0.065	17.861	4	0	0	1	0	0	2	0	0	1	-0.291	8.93	8
309	M167	max	-0.301	13.667	2	4.398	0	7	0	13.667	23	0	13.667	2	0	13.667	23	0	13.667	23
310		min	-1.224	0	5	-4.398	13.667	7	0	0	1	-0.002	0	7	0	0	1	-15.028	6.833	7
311	M170	max	-0.208	1.417	2	0.015	1.417	6	8.124	1.417	6	0	1.417	2	0	1.417	23	0.021	0	6
312		min	-0.854	0	6	0.003	0	2	1.923	0	2	0	0	8	-11.42	0	6	0	1.417	1
313	M171	max	-0.43	1.417	2	-0.003	1.417	2	17.59	1.417	6	0	1.417	2	0	1.417	23	0	1.417	23
314		min	-1.726	0	5	-0.016	0	6	4.198	0	2	-0.003	0	6	-24.834	0	6	-0.022	0	6
315	M172	max	2.952	1.417	5	0.001	1.417	5	9.848	1.417	6	0.002	1.417	5	0	1.417	23	0.002	0	5
316		min	0.729	0	2	0	0	7	2.352	0	2	0	0	2	-13.863	0	6	0	1.417	1
317	M173	max	92.05	0	6	0	10	23	0	10	7	0	10	2	0.001	10	7	0	10	23

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
318		min	20.203	0	2	0	0	1	0	0	2	-0.001	0	7	0	0	7	0	0	1
319	M174	max	21.838	0	6	0.22	0	15	0	17.862	23	0.001	17.862	7	0	17.862	23	0	17.862	23
320		min	4.897	0	2	-0.22	17.862	4	0	0	1	0	0	2	0	0	1	-0.981	8.931	4
321	M175	max	166.33	0	6	-0.009	10	2	0.019	10	7	0.001	10	7	0.192	10	7	0.337	10	5
322		min	37.094	0	2	-0.034	0	5	0	0	2	0	0	2	0	10	2	0	0	1
323	M176	max	226.125	0	6	-0.048	10	2	0.003	10	7	0	10	2	0.031	10	7	1.951	10	5
324		min	52.007	0	2	-0.195	0	5	0	0	2	0	0	6	0	0	1	0	0	1
325	M177	max	100.23	0	6	0.092	10	5	0.044	10	7	0	10	4	0.336	10	7	0.294	0	5
326		min	21.741	0	2	0.023	0	2	0	0	2	0	0	7	-0.107	0	7	-0.629	10	5
327	M178	max	13.524	0	6	0.114	0	4	0	16.935	23	0	16.935	2	0	16.935	23	0	16.935	23
328		min	3.127	0	2	-0.114	16.935	8	0	0	1	0	0	7	0	0	1	-0.482	8.467	4
329	M179	max	13.164	0	6	0.114	0	15	0	16.935	23	0	16.935	7	0	16.935	23	0	16.935	23
330		min	2.88	0	2	-0.114	16.935	4	0	0	1	0	0	2	0	0	1	-0.482	8.467	8
331	M180	max	10.96	17.862	6	0.114	0	4	0	17.862	23	0	17.862	2	0	17.862	23	0	17.862	23
332		min	2.371	0	2	-0.114	17.862	8	0	0	1	0	0	7	0	0	1	-0.509	8.931	4
333	M181	max	2.886	16.935	7	0	16.935	23	0.098	16.935	4	0	16.935	7	0	16.935	23	0	16.935	23
334		min	0.338	0	2	0	0	1	-0.098	0	8	0	0	2	-0.413	8.467	8	0	0	1
335	M182	max	40.953	0	6	0	10.5	23	0	10.5	7	0	10.5	23	0	10.5	7	0	10.5	23
336		min	7.534	0	2	0	0	1	0	0	1	0	0	1	0	0	6	0	0	1
337	M183	max	0.464	4.854	7	8.252	0	6	0	4.854	2	0	4.854	2	0	4.854	2	0.155	4.854	2
338		min	-0.483	0	5	-4.825	4.854	5	0	0	7	0	0	7	0	4.854	7	-15.177	1.871	6
339	M184	max	70.415	0	6	0	10	23	0	10	5	0	10	23	0	10	5	0	10	23
340		min	14.508	0	2	0	0	1	0	0	2	0	0	1	0	0	6	0	0	1
341	M185	max	17.325	4.854	5	8.323	0	6	0	4.854	7	0	4.854	4	0	4.854	7	0.213	4.854	2
342		min	3.259	0	2	-4.767	4.854	5	0	0	2	0	0	2	0	0	1	-15.31	1.871	6
343	M186	max	37.45	0	7	0.015	10.5	5	0	10.5	5	0	10.5	2	0.001	10.5	5	0.158	0	5
344		min	0.497	0	2	0.003	0	2	0	0	7	0	0	4	-0.001	10.5	7	0	10.5	6
345	M187	max	17.075	0	5	3.413	10	6	0	10	2	-0.001	10	2	0.001	0	6	16.899	0	6
346		min	4.119	0	2	0.801	0	2	0	0	5	-0.004	0	5	-0.001	10	5	-17.232	10	6
347	M188	max	-0.134	18.25	2	5.882	0	7	0	18.25	23	0.001	18.25	7	0	18.25	23	0	18.25	23
348		min	-0.788	0	6	-5.882	18.25	7	0	0	1	-0.001	0	5	0	0	1	-26.837	9.125	7
349	M189	max	1.503	8.542	5	-0.018	8.542	2	0	8.542	2	0	8.542	2	0	0	4	0.017	8.542	4
350		min	0.266	0	7	-0.52	8.542	8	0	0	4	0	0	6	0	0	2	-3.654	0	6
351	M190	max	-0.219	8.542	2	0.057	8.542	2	0	8.542	2	0	8.542	5	0	0	7	0.574	8.542	4
352		min	-1.475	0	5	-0.378	8.542	4	0	0	7	0	0	7	0	8.542	7	-1.637	0	4
353	M191	max	-7.976	11.116	2	0.029	0	15	0	11.116	23	0	11.116	2	0	11.116	23	0	11.116	23
354		min	-43.188	0	5	-0.029	11.116	4	0	0	1	0	0	4	0	0	1	-0.08	5.558	8
355	M193	max	52.413	0	6	1.016	10	5	-0.005	10	2	0	10	23	0.156	0	6	2.736	0	5
356		min	9.729	0	2	0.26	0	2	-0.023	0	6	0	0	1	-0.078	10	5	-7.426	10	5
357	M194	max	-0.174	13.666	2	26.487	0	6	-0.004	13.666	2	0	13.666	7	0	0	23	0	0	23
358		min	-0.705	0	5	-28.329	13.666	5	-0.015	0	5	0	0	5	-0.211	13.666	5	-138.046	7.972	6
359	M195	max	-8.553	16.934	2	0.13	0	4	0	16.934	23	0	16.934	5	0	16.934	23	0	16.934	23
360		min	-34.495	0	5	-0.13	16.934	8	0	0	1	0	0	7	0	0	1	-0.551	8.467	4
361	M196	max	129.342	0	6	0	10	23	0	10	23	0	10	23	0	10	5	0	10	23
362		min	28.456	0	2	0	0	1	0	0	1	0	0	1	0	10	7	0	0	1
363	M197	max	99.973	0	6	0	11.5	23	0	11.5	23	0	11.5	23	0	0	5	0	11.5	23
364		min	21.482	0	2	0	0	1	0	0	5	0	0	1	0	11.5	5	0	0	1
365	M198	max	13.183	0	7	0	10.5	23	0	10.5	23	0	10.5	23	0	0	5	0	10.5	23
366		min	0	0	2	0	0	1	0	0	5	0	0	1	0	10.5	7	0	0	1
367	M199	max	286.536	0	6	-0.025	10	2	0	10	2	0	10	2	0	0	23	1.153	10	6
368		min	59.432	0	2	-0.115	0	6	0	0	7	0	0	4	0	10	7	0	0	1
369	M200	max	246.572	0	6	0.141	11.5	6	0	11.5	7	0	11.5	2	0	11.5	7	1.153	0	6
370		min	49.729	0	2	0.032	0	2	0	0	2	0	0	4	0	0	7	-0.47	11.5	6
371	M201	max	162.631	0	6	-0.008	10	2	0	10	2	0	10	2	0	0	7	-0.033	10	2
372		min	31.095	0	2	-0.028	0	6	0	0	7	0	0	4	0	10	7	-0.47	0	6
373	M202	max	84.529	0	6	-0.006	10.5	2	0	10.5	7	0	10.5	2	0	10.5	7	0.158	10.5	5
374		min	14.343	0	2	-0.034	0	5	0	0	5	0	0	4	0	0	7	-0.199	0	5
375	M203	max	353.35	0	6	-0.064	10	2	0.001	10	5	0	10	6	0.006	10	5	2.795	10	5

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
376		min	79.555	0	2	-0.28	0	5	0	0	7	0	0	2	-0.001	10	7	0	0	1
377	M204	max	313.837	0	6	0.269	11.5	6	0	11.5	7	0	11.5	6	0.006	0	5	2.795	0	5
378		min	69.883	0	2	0.06	0	2	-0.002	0	5	0	0	2	-0.021	11.5	5	-0.308	11.5	6
379	M205	max	201.563	0	6	0.039	10	5	0.009	10	5	0	10	5	0.068	10	5	-0.06	0	2
380		min	43.375	0	2	0.01	0	7	-0.002	0	7	0	0	16	-0.022	0	5	-0.67	10	5
381	M206	max	97.12	0	6	0.02	10.5	7	0.089	10.5	5	0	10.5	5	0.265	10.5	5	1.09	10.5	5
382		min	17.909	0	2	-0.11	0	5	0.022	0	2	0	0	16	-0.67	0	5	-0.197	10.5	7
383	M207	max	39.189	0	7	0.037	10.5	2	-0.007	10.5	2	0.001	10.5	2	0.265	0	5	2.075	10.5	7
384		min	2.052	0	2	-0.268	0	7	-0.025	0	5	-0.002	0	4	0	10.5	2	-0.772	0	6
385	M208	max	4.116	0	6	2.532	11.5	6	0	11.5	2	-0.002	11.5	2	0	0	6	14.642	0	6
386		min	0.863	0	2	0.59	0	2	0	0	6	-0.013	0	6	-0.001	11.5	6	-14.478	11.5	6
387	M209	max	13.829	0	6	-0.003	11.5	2	0	11.5	7	0	11.5	5	0	11.5	7	0.106	11.5	7
388		min	1.71	0	2	-0.026	0	6	0	0	16	0	0	7	0	0	2	-0.193	0	6
389	M210	max	31.101	0	5	0.001	10	2	0	10	2	0	10	7	0	0	7	0.013	10	4
390		min	7.544	0	2	-0.004	0	4	0	0	7	0	0	5	0	10	7	-0.028	0	7
391	M211	max	18.129	0	6	0.052	11.5	6	0	11.5	7	0	11.5	7	0	0	7	0.332	0	6
392		min	3.986	0	2	0.007	0	2	0	0	5	0	0	2	0	11.5	5	-0.262	11.5	6
393	M212	max	31.632	0	6	0.037	10	15	0	10	5	0	10	2	0	10	5	0.194	0	15
394		min	7.398	0	2	0.002	0	2	0	0	7	0	0	7	0	10	7	-0.176	10	8
395	M213	max	19.84	13.667	5	21.613	0	6	0	13.667	23	0	13.667	7	0	13.667	23	0	13.667	23
396		min	4.294	0	2	-30.622	13.667	5	0	0	1	0	0	2	0	0	1	-101.321	6.549	5
397	M214	max	20.014	4.854	5	8.861	0	6	0	4.854	2	0	4.854	7	0	4.854	2	0	0	23
398		min	4.348	0	2	-4.239	4.854	5	0	0	4	0	0	2	0	4.854	4	-16.317	1.871	6
399	M215	max	22.409	4.854	5	4.847	0	5	0	4.854	7	0	4.854	7	0	0	2	0	4.854	23
400		min	5.34	0	2	-8.237	4.854	6	0	0	2	0	0	5	0	0	7	-15.151	2.983	6
401	M216	max	22.789	13.666	5	30.62	0	6	0	13.666	23	0	13.666	5	0	13.666	23	0	13.666	23
402		min	5.455	0	2	-21.615	13.666	5	0	0	1	0	0	7	0	0	1	-101.307	7.118	5
403	M217	max	-0.113	13.667	23	21.965	0	6	0	13.667	23	0	13.667	5	0	13.667	23	0	13.667	23
404		min	-1.362	0	7	-30.974	13.667	5	0	0	1	0	0	7	0	0	1	-102.522	6.549	5
405	M218	max	20.577	4.854	5	4.931	0	5	0	4.854	7	0	4.854	5	0	0	2	0.153	0	4
406		min	5.002	0	2	-8.151	4.854	6	0	0	2	0	0	7	0	0	7	-14.992	2.983	6
407	M219	max	26.606	13.666	5	30.62	0	6	0	13.666	23	0	13.666	7	0	13.666	23	0	13.666	23
408		min	6.585	0	2	-21.615	13.666	5	0	0	1	0	0	5	0	0	1	-101.307	7.118	5
409	M220	max	-3.892	13.667	2	21.965	0	6	0	13.667	23	0	13.667	2	0	13.667	23	0	13.667	23
410		min	-19.31	0	5	-30.974	13.667	5	0	0	1	0	0	5	0	0	1	-102.522	6.549	5
411	M221	max	0.47	8.542	7	0.038	8.542	2	0	8.542	7	0	8.542	7	0	8.542	7	0.764	8.542	4
412		min	-0.477	0	5	-0.362	8.542	4	0	0	2	0	0	5	0	0	6	-1.311	0	4
413	M222	max	0.438	4.854	7	5.057	0	6	0	4.854	7	0	4.854	7	0	0	2	0.59	0	4
414		min	-0.508	0	5	-8.025	4.854	5	0	0	2	0	0	5	0	0	7	-14.756	2.983	5
415	M223	max	5.092	13.666	5	30.62	0	6	0	13.666	23	0	13.666	5	0	13.666	23	0	13.666	23
416		min	1.234	0	2	-21.615	13.666	5	0	0	1	0	0	7	0	0	1	-101.307	7.118	5
417	M224	max	-9.847	12.483	2	0.023	0	4	0	12.483	23	0	12.483	2	0	12.483	23	0	12.483	23
418		min	-47.973	0	6	-0.023	12.483	8	0	0	1	0	0	4	0	0	1	-0.072	6.241	4
419	M225	max	-12.387	12.483	2	0.023	0	4	0	12.483	23	0	12.483	5	0	12.483	23	0	12.483	23
420		min	-54.126	12.483	6	-0.023	12.483	8	0	0	1	0	0	7	0	0	1	-0.072	6.241	4
421	M226	max	-8.429	17.861	2	0.065	0	15	0	17.861	23	0	17.861	2	0	17.861	23	0	17.861	23
422		min	-35.505	0	6	-0.065	17.861	4	0	0	1	0	0	6	0	0	1	-0.291	8.93	8
423	M228	max	-11.969	11.116	2	0.029	0	4	0	11.116	23	0	11.116	7	0	11.116	23	0	11.116	23
424		min	-50.611	11.116	5	-0.029	11.116	8	0	0	1	0	0	5	0	0	1	-0.08	5.558	4
425	M229	max	88.913	0	6	-0.252	10	2	-0.005	10	2	0	10	23	0	0	23	11.218	10	6
426		min	17.322	0	2	-1.122	0	6	-0.026	0	6	0	0	1	-0.263	10	6	0	0	1
427	M230	max	76.633	0	6	0.755	11.5	6	0.037	11.5	6	0	11.5	23	0.158	11.5	6	11.197	0	6
428		min	14.911	0	2	0.153	0	2	0.007	0	2	0	0	1	-0.263	0	6	0.758	11.5	2
429	M231	max	38.397	0	6	-0.174	10.5	2	0.007	10.5	5	0	10.5	23	0	10.5	7	0.005	10.5	5
430		min	6.874	0	2	-0.706	0	5	0.002	0	2	0	0	1	-0.078	0	5	-7.404	0	5
431	M232	max	13.386	0	7	0	10.5	2	0	10.5	5	0	10.5	23	0	10.5	5	0	10.5	5
432		min	0	0	2	0	0	5	0	0	7	0	0	1	0	10.5	7	0	0	1
433	M233	max	-0.211	13.667	2	22.589	0	6	0	13.667	23	0	13.667	5	0	13.667	23	0	13.667	23

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
434		min	-0.861	0	5	-31.77	13.667	5	0	0	1	0	0	7	0	0	1	-107.534	7.972	5
435	M234	max	-0.203	18.25	2	26.243	0	6	0	18.25	23	0	18.25	5	0	18.25	23	0	18.25	23
436		min	-0.815	0	5	-22.093	18.25	5	0	0	1	0	0	7	0	0	1	-126.059	10.266	5
437	M235	max	-0.174	1.417	2	-6.874	1.417	2	0.149	1.417	5	0	1.417	7	0	1.417	23	0	1.417	23
438		min	-0.705	0	5	-36.499	1.417	6	0.038	0	2	0	0	5	-0.211	0	5	-51.659	0	6
439	M236	max	0.057	13.667	4	4.019	0	7	0	13.667	23	0	13.667	7	0	13.667	23	0	13.667	23
440		min	-0.004	0	2	-4.019	13.667	7	0	0	1	0	0	5	0	0	1	-13.731	6.833	7
441	M237	max	0	13.666	7	4.093	0	7	0	13.666	23	0	13.666	5	0	13.666	23	0	13.666	23
442		min	0	0	2	-4.093	13.666	7	0	0	1	0	0	7	0	0	1	-13.982	6.833	7
443	M238	max	-0.402	1.417	2	-0.002	1.417	2	10.4	1.417	6	0	1.417	6	0	1.417	23	0	1.417	23
444		min	-1.821	0	6	-0.009	0	6	2.408	0	2	0	0	2	-14.646	0	6	-0.013	0	6
445	M239	max	0.039	1.417	7	0.006	1.417	6	22.21	1.417	6	0.002	1.417	6	0	1.417	23	0.009	0	6
446		min	-0.275	0	5	0.001	0	2	5.181	0	2	0	0	2	-31.381	0	6	0	1.417	1
447	M240	max	1.703	1.417	5	0.003	1.417	5	12.228	1.417	6	0.001	1.417	5	0	1.417	23	0.004	0	5
448		min	0.433	0	2	0.001	0	2	2.858	0	2	0	0	2	-17.236	0	6	0	1.417	1
449	M241	max	6.711	0	7	0	10.5	23	0	10.5	2	0	10.5	23	0	10.5	2	0	10.5	23
450		min	0	0	2	0	0	1	0	0	7	0	0	1	-0.001	10.5	7	0	0	1
451	M242	max	0	18.25	6	3.254	0	7	0	18.25	23	0	18.25	2	0	18.25	23	0	18.25	23
452		min	0	0	2	-3.254	18.25	7	0	0	1	-0.017	0	7	0	0	1	-14.846	9.125	7
453	M243	max	0	13.667	6	2.051	0	7	0	13.667	23	0.001	13.667	7	0	13.667	23	0	13.667	23
454		min	0	0	2	-2.051	13.667	7	0	0	1	0	0	2	0	0	1	-7.007	6.833	7
455	M244	max	15.087	0	7	0	10.5	6	0.002	10.5	7	0	10.5	23	0.017	10.5	7	0	0.109	23
456		min	0	0	2	0	0	16	0	0	2	0	0	1	0	10.5	2	0	10.5	6
457	M245	max	15.161	0	7	0	10.5	6	0	10.5	2	0	10.5	23	0	10.5	2	0	10.5	4
458		min	0	0	2	0	0	4	-0.002	0	7	0	0	1	-0.016	10.5	7	0	10.5	6
459	M246	max	6.831	0	7	0	10.5	2	0	10.5	2	0	10.5	23	0	0	23	0	10.5	6
460		min	0	0	2	0	0	6	0	0	7	0	0	1	0	10.5	7	0	0	1
461	M247	max	0	13.666	6	2.125	0	7	0	13.666	23	0	13.666	2	0	13.666	23	0	13.666	23
462		min	0	0	2	-2.125	13.666	7	0	0	1	0	0	7	0	0	1	-7.259	6.833	7
463	M248	max	0	9	7	4.505	0	7	0	9	23	0	9	23	0	9	23	0	9	2
464		min	0	0	2	0	0	2	0	0	1	0	0	1	0	0	1	-38.838	9	7
465	M249	max	0.03	9	7	9.638	0	7	0	9	2	0	9	6	0	9	2	0	9	2
466		min	0	0	2	0	0	2	0	0	4	0	0	16	0	9	4	-85.48	9	7
467	M250	max	0.006	9	7	9.638	0	7	0	9	2	0	9	6	0	0	23	0	9	2
468		min	0	0	2	0	0	2	0	0	6	0	0	4	-0.004	9	6	-85.475	9	7
469	M251	max	0	9	7	4.587	0	7	0	9	2	0	9	2	0	0	23	0	9	2
470		min	0	0	5	0	0	2	0	0	6	0	0	6	-0.004	9	6	-39.334	9	7
471	M252	max	0.001	27	7	4.505	0	7	0	27	23	0	27	23	0	27	23	0	27	23
472		min	0	0	2	-4.505	27	7	0	0	1	0	0	1	0	0	1	-39.264	13.5	7
473	M253	max	0.028	27	2	9.638	0	7	0	27	23	0	27	23	0	27	23	0	27	23
474		min	-0.318	0	7	-9.638	27	7	0	0	1	0	0	6	0	0	1	-85.791	13.5	7
475	M254	max	5.986	27	7	11.024	0	7	0.001	27	2	0	27	23	0.026	0	4	69.56	0	7
476		min	0.191	0	2	-8.577	27	7	-0.002	0	4	0	0	5	-0.033	27	4	-38.91	18	7
477	M255	max	0	27	7	4.587	0	7	0	27	23	0	27	5	0	27	23	0	27	23
478		min	0	0	2	-4.587	27	7	0	0	1	0	0	2	0	0	1	-39.822	13.5	7
479	M256	max	0	27	2	5.05	0	6	0	27	23	0	27	23	0	27	23	0	27	23
480		min	-0.01	0	7	-5.05	27	5	0	0	1	0	0	1	0	0	1	-34.086	13.5	5
481	M257	max	0	21	2	3.928	0	6	0	21	23	0	21	23	0	21	23	0	21	23
482		min	-0.007	0	7	-3.928	21	5	0	0	1	0	0	1	0	0	1	-20.62	10.5	5
483	M258	max	0	6	2	12.897	0	7	0	6	23	0	6	23	0	6	23	0	0	23
484		min	-0.002	0	7	0.411	6	2	0	0	1	0	0	1	0	0	1	-71.696	6	7
485	M259	max	0	21	2	-0.036	0	7	0	21	23	0	21	23	0	21	23	0	21	23
486		min	-0.002	0	7	-6.137	21	7	0	0	1	0	0	1	0	0	1	-71.704	0	7
487	M260	max	0.001	21	2	4.734	0	5	0	21	5	0	21	2	0.003	21	5	63.555	21	7
488		min	-0.893	0	7	-10.156	21	6	0	0	2	0	0	6	0	0	1	-16.12	6.781	5
489	M261	max	0.144	6	7	31.754	0	7	-0.001	6	2	0	6	4	0.003	0	5	72.515	0	7
490		min	0	0	2	1.691	6	2	-0.002	0	5	0	0	2	-0.01	6	5	-107.991	6	7
491	M262	max	0.174	21	7	1.721	0	7	0	21	5	0	21	4	0	21	23	0	21	23

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
492		min	0	0	2	-10.471	21	7	0	0	2	0	0	2	-0.01	0	5	-120.68	8.969	7
493	M263	max	-0.067	27	2	9.617	0	6	0	27	2	0	27	5	0.002	0	4	44.676	0	5
494		min	-9.942	0	7	-9.157	27	5	0	0	4	0	0	2	-0.004	27	8	-21.882	13.781	6
495	M264	max	-0.073	21	2	5.435	0	5	0	21	5	0	21	2	0.006	21	5	78.307	21	7
496		min	-5.522	0	7	-9.874	21	6	0	0	16	0	0	5	-0.003	0	5	-9	2.625	7
497	M265	max	0.022	6	7	32.443	0	7	-0.001	6	2	0	6	2	0.006	0	5	129.599	0	7
498		min	0	0	2	1.32	6	2	-0.003	0	5	0	0	6	-0.011	6	5	-55.715	6	7
499	M266	max	0.027	21	7	3.82	0	7	0.001	21	5	0	21	2	0	21	23	0	21	23
500		min	0	0	2	-7.588	21	7	0	0	2	0	0	6	-0.011	0	5	-88.692	8.969	7
501	M267	max	0	6	2	11.87	0	7	-0.001	6	2	0.009	6	5	0	0	23	0	0	23
502		min	0	0	7	0.656	0	2	-0.003	0	5	0.001	0	7	-0.018	6	5	-70.461	6	7
503	M268	max	0	21	7	-0.187	21	2	0.001	21	5	0.009	21	5	0	21	23	0	21	23
504		min	0	0	5	-5.766	21	7	0	0	2	0.001	0	7	-0.018	0	5	-70.475	0	7
505	M269	max	0.005	27	7	3.662	0	6	0	27	23	0	27	23	0	27	23	0	27	23
506		min	0	0	2	-3.662	27	5	0	0	1	0	0	1	0	0	1	-24.717	13.5	5
507	M270	max	0.004	21	7	2.848	0	6	0	21	23	0	21	23	0	21	23	0	21	23
508		min	0	0	2	-2.848	21	5	0	0	1	0	0	1	0	0	1	-14.952	10.5	5
509	M271	max	0	27	2	3.662	0	6	0	27	23	0	27	23	0	27	23	0	27	23
510		min	-0.001	0	7	-3.662	27	5	0	0	1	0	0	1	0	0	1	-24.717	13.5	5
511	M272	max	0.009	27	5	3.662	0	6	0	27	23	0.001	27	7	0	27	23	0	27	23
512		min	0.003	0	2	-3.662	27	5	0	0	1	0	0	2	0	0	1	-24.717	13.5	5
513	M273	max	0.005	21	5	2.848	0	6	0	21	23	0.001	21	5	0	21	23	0	21	23
514		min	0.001	0	16	-2.848	21	5	0	0	1	0	0	2	0	0	1	-14.952	10.5	5
515	M274	max	0.001	27	5	3.662	0	6	0	27	23	0.003	27	6	0	27	23	0	27	23
516		min	0	0	7	-3.662	27	5	0	0	1	0.001	0	2	0	0	1	-24.717	13.5	5
517	M275	max	0	27	2	13.119	0	6	0	27	23	0.002	27	6	0	27	23	0	27	23
518		min	-0.001	0	7	-13.119	27	5	0	0	1	0	0	2	0	0	1	-88.553	13.5	5
519	M276	max	0	21	2	10.204	0	6	0	21	23	0	21	7	0	21	23	0	21	23
520		min	0	0	7	-10.204	21	5	0	0	1	0	0	2	0	0	1	-53.569	10.5	5
521	M277	max	0	27	2	13.119	0	6	0	27	23	-0.001	27	2	0	27	23	0	27	23
522		min	0	0	7	-13.119	27	5	0	0	1	-0.003	0	6	0	0	1	-88.553	13.5	5
523	M278	max	0.001	27	7	13.119	0	6	0	27	23	0.001	27	5	0	27	23	0	27	23
524		min	0	0	2	-13.119	27	5	0	0	1	0	0	2	0	0	1	-88.553	13.5	5
525	M279	max	0.001	21	7	10.204	0	6	0	21	23	0	21	4	0	21	23	0	21	23
526		min	0	0	2	-10.204	21	5	0	0	1	-0.001	0	5	0	0	1	-53.569	10.5	5
527	M280	max	0	27	2	13.119	0	6	0	27	23	0.003	27	5	0	27	23	0	27	23
528		min	0	0	7	-13.119	27	5	0	0	1	0.001	0	2	0	0	1	-88.553	13.5	5
529	M281	max	0.003	27	7	3.662	0	6	0	27	23	0	27	23	0	27	23	0	27	23
530		min	0	0	2	-3.662	27	5	0	0	1	0	0	1	0	0	1	-24.717	13.5	5
531	M282	max	0	21	7	2.848	0	6	0	21	23	0	21	23	0	21	23	0	21	23
532		min	0	0	16	-2.848	21	5	0	0	1	0	0	1	0	0	1	-14.952	10.5	5
533	M283	max	0.003	27	7	3.662	0	6	0	27	23	0	27	23	0	27	23	0	27	23
534		min	0	0	2	-3.662	27	5	0	0	1	0	0	1	0	0	1	-24.717	13.5	5
535	M284	max	-0.004	27	2	3.662	0	6	0	27	23	0.001	27	7	0	27	23	0	27	23
536		min	-0.022	0	6	-3.662	27	5	0	0	1	0	0	2	0	0	1	-24.717	13.5	5
537	M285	max	-0.007	21	2	2.848	0	6	0	21	23	0.001	21	5	0	21	23	0	21	23
538		min	-0.037	0	6	-2.848	21	5	0	0	1	0	0	2	0	0	1	-14.952	10.5	5
539	M286	max	-0.003	27	2	3.662	0	6	0	27	23	0.003	27	6	0	27	23	0	27	23
540		min	-0.016	0	6	-3.662	27	5	0	0	1	0.001	0	2	0	0	1	-24.717	13.5	5
541	M287	max	0	27	7	9.484	0	15	0	27	23	0.002	27	5	0	27	23	0	27	23
542		min	0	0	2	-9.484	27	4	0	0	1	0	0	2	0	0	1	-64.019	13.5	4
543	M288	max	0	21	2	7.377	0	15	0	21	23	0	21	7	0	21	23	0	21	23
544		min	0	0	7	-7.377	21	4	0	0	1	0	0	5	0	0	1	-38.727	10.5	4
545	M289	max	0	27	7	13.119	0	6	0	27	23	-0.001	27	2	0	27	23	0	27	23
546		min	0	0	2	-13.119	27	5	0	0	1	-0.004	0	6	0	0	1	-88.553	13.5	5
547	M290	max	0	27	2	13.119	0	6	0	27	23	0	27	7	0	27	23	0	27	23
548		min	-0.001	0	7	-13.119	27	5	0	0	1	0	0	2	0	0	1	-88.553	13.5	5
549	M291	max	0	21	2	10.204	0	6	0	21	23	0.001	21	5	0	21	23	0	21	23

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
550		min	-0.001	0	7	-10.204	21	5	0	0	1	0	0	2	0	0	1	-53.569	10.5	5
551	M292	max	0	27	7	13.119	0	6	0	27	23	0.003	27	6	0	27	23	0	27	23
552		min	0	0	2	-13.119	27	5	0	0	1	0.001	0	2	0	0	1	-88.553	13.5	5
553	M293	max	0	27	2	3.662	0	6	0	27	23	0	27	23	0	27	23	0	27	23
554		min	-0.001	0	7	-3.662	27	5	0	0	1	0	0	1	0	0	1	-24.717	13.5	5
555	M294	max	0	21	23	2.848	0	6	0	21	23	0	21	23	0	21	23	0	21	23
556		min	0	0	7	-2.848	21	5	0	0	1	0	0	1	0	0	1	-14.952	10.5	5
557	M295	max	0	27	2	3.662	0	6	0	27	23	0	27	23	0	27	23	0	27	23
558		min	-0.001	0	7	-3.662	27	5	0	0	1	0	0	1	0	0	1	-24.717	13.5	5
559	M296	max	0.013	27	6	3.662	0	6	0	27	23	0.001	27	7	0	27	23	0	27	23
560		min	0.002	0	2	-3.662	27	5	0	0	1	0	0	2	0	0	1	-24.717	13.5	5
561	M297	max	0.033	21	6	2.848	0	6	0	21	23	0.001	21	5	0	21	23	0	21	23
562		min	0.006	0	2	-2.848	21	5	0	0	1	0	0	2	0	0	1	-14.952	10.5	5
563	M298	max	0.015	27	6	3.662	0	6	0	27	23	0.003	27	6	0	27	23	0	27	23
564		min	0.003	0	2	-3.662	27	5	0	0	1	0.001	0	2	0	0	1	-24.717	13.5	5
565	M299	max	0	27	2	13.119	0	6	0	27	23	0.001	27	5	0	27	23	0	27	23
566		min	0	0	7	-13.119	27	5	0	0	1	0	0	2	0	0	1	-88.553	13.5	5
567	M300	max	0	21	2	10.204	0	6	0	21	23	0	21	2	0	21	23	0	21	23
568		min	0	0	7	-10.204	21	5	0	0	1	-0.001	0	5	0	0	1	-53.569	10.5	5
569	M301	max	0	27	2	13.119	0	6	0	27	23	-0.001	27	2	0	27	23	0	27	23
570		min	0	0	7	-13.119	27	5	0	0	1	-0.005	0	6	0	0	1	-88.553	13.5	5
571	M302	max	0	27	7	13.119	0	6	0	27	23	0	27	7	0	27	23	0	27	23
572		min	0	0	2	-13.119	27	5	0	0	1	0	0	5	0	0	1	-88.553	13.5	5
573	M303	max	0	21	7	10.204	0	6	0	21	23	0.001	21	15	0	21	23	0	21	23
574		min	0	0	2	-10.204	21	5	0	0	1	0	0	2	0	0	1	-53.569	10.5	5
575	M304	max	0	27	2	13.119	0	6	0	27	23	0.005	27	6	0	27	23	0	27	23
576		min	0	0	7	-13.119	27	5	0	0	1	0.001	0	2	0	0	1	-88.553	13.5	5
577	M305	max	-0.024	27	2	0	27	23	0.397	27	15	-0.003	27	2	0	27	23	0	27	23
578		min	-0.127	0	6	0	0	1	-0.397	0	4	-0.011	0	6	-2.678	13.5	4	0	0	1
579	M306	max	5.233	21	6	0	21	23	0.309	21	15	0	21	7	0	21	23	0	21	23
580		min	1.038	0	2	0	0	1	-0.309	0	4	-0.003	0	5	-1.62	10.5	4	0	0	1
581	M307	max	-0.231	27	2	0	27	23	0.397	27	15	0.017	27	5	0	27	23	0	27	23
582		min	-1.127	0	6	0	0	1	-0.397	0	4	0.004	0	2	-2.678	13.5	4	0	0	1
583	M308	max	0.112	27	6	0	27	23	0.397	27	15	0.015	27	6	0	27	23	0	27	23
584		min	0.021	0	2	0	0	1	-0.397	0	4	0.004	0	2	-2.678	13.5	4	0	0	1
585	M309	max	-0.016	10.5	2	0	10.5	7	0.212	10.5	15	0.059	10.5	5	0.601	10.5	15	0	10.5	5
586		min	-0.471	0	8	0	0	5	-0.1	0	4	0.014	0	2	-0.168	3.391	4	-0.001	10.5	7
587	M310	max	0.078	10.5	2	0	10.5	7	0.1	10.5	4	-0.003	10.5	2	0.601	0	15	0.002	0	7
588		min	-0.128	0	4	0	0	2	-0.212	0	8	-0.014	0	5	-0.168	7.109	4	0	0	2
589	M311	max	0.04	27	4	0	27	23	0.397	27	15	-0.006	27	2	0	27	23	0	27	23
590		min	-0.008	0	2	0	0	1	-0.397	0	4	-0.026	0	5	-2.678	13.5	4	0	0	1
591	M312	max	-0.006	27	2	0	27	23	0.397	27	15	0.018	27	6	0	27	23	0	27	23
592		min	-0.028	0	6	0	0	1	-0.397	0	4	0.005	0	2	-2.678	13.5	4	0	0	1
593	M313	max	-0.054	10.5	2	0	10.5	2	0.2	10.5	15	-0.003	10.5	2	0.478	10.5	15	0.001	10.5	5
594		min	-0.627	0	8	0	0	5	-0.11	0	4	-0.014	0	6	-0.205	3.719	4	0	0	1
595	M314	max	0.069	10.5	2	0	10.5	6	0.11	10.5	4	0.02	10.5	5	0.478	0	15	0.001	0	6
596		min	-0.214	0	4	0	0	2	-0.2	0	8	0.005	0	2	-0.205	6.781	4	0	0	2
597	M315	max	0.206	27	5	0	27	23	0.397	27	15	-0.005	27	2	0	27	23	0	27	23
598		min	0.041	0	2	0	0	1	-0.397	0	4	-0.019	0	5	-2.678	13.5	4	0	0	1
599	M316	max	0	27	2	0	27	23	0.397	27	15	-0.008	27	2	0	27	23	0	27	23
600		min	-0.003	0	5	0	0	1	-0.397	0	4	-0.033	0	6	-2.678	13.5	4	0	0	1
601	M317	max	0	10.5	2	0	10.5	2	0.197	10.5	15	-0.008	10.5	2	0.451	10.5	15	0	10.5	5
602		min	-0.011	0	7	0	0	5	-0.112	0	4	-0.036	0	5	-0.214	3.828	4	0	0	1
603	M318	max	0.302	10.5	5	0	10.5	2	0.112	10.5	4	-0.007	10.5	2	0.451	0	15	0	10.5	23
604		min	0.078	0	2	0	0	5	-0.197	0	8	-0.033	0	6	-0.214	6.672	4	0	0	5
605	M319	max	0.293	27	5	0	27	23	0.397	27	15	0.027	27	5	0	27	23	0	27	23
606		min	0.075	0	2	0	0	1	-0.397	0	4	0.007	0	2	-2.678	13.5	4	0	0	1
607	M320	max	7.913	0	6	0.514	0	15	0	16.8	23	-0.002	16.8	2	0	16.8	23	0	16.8	23

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
608		min	1.419	0	2	-0.514	16.8	4	0	0	1	-0.014	0	6	0	0	1	-2.161	8.4	8
609	M321	max	8.624	0	6	0.515	0	15	0	16.8	23	0.014	16.8	5	0	16.8	23	0	16.8	23
610		min	1.563	0	2	-0.514	16.8	4	0	0	1	0.003	0	2	0	0	1	-2.161	8.4	8
611	M322	max	1.121	0	15	0.178	0	4	0	15.572	23	-0.012	15.572	2	0	15.572	23	0	15.572	23
612		min	0.076	0	2	-0.178	15.572	8	0	0	1	-0.055	0	6	0	0	1	-0.691	7.786	4
613	M323	max	0.583	0	4	0.178	0	4	0	15.572	23	0.053	15.572	5	0	15.572	23	0	15.572	23
614		min	-0.064	0	2	-0.178	15.572	8	0	0	1	0.012	0	2	0	0	1	-0.691	7.786	4
615	M324	max	1.122	0	15	0.178	0	15	0	14.5	23	0.023	14.5	6	0	14.5	23	0	14.5	23
616		min	0.088	0	2	-0.178	14.5	4	0	0	1	0.005	0	2	0	0	1	-0.644	7.25	8
617	M325	max	0.546	0	4	0.178	0	15	0	14.5	23	-0.005	14.5	2	0	14.5	23	0	14.5	23
618		min	-0.082	0	2	-0.178	14.5	4	0	0	1	-0.023	0	6	0	0	1	-0.644	7.25	8
619	M326	max	0.989	0	15	0.178	0	15	0	14.849	23	0.003	14.849	5	0	14.849	23	0	14.849	23
620		min	0.057	0	2	-0.178	14.849	4	0	0	1	0.001	0	2	0	0	1	-0.659	7.425	4
621	M327	max	0.659	0	4	0.178	0	15	0	14.849	23	0	14.849	7	0	14.849	23	0	14.849	23
622		min	-0.054	0	2	-0.178	14.849	4	0	0	1	-0.002	0	5	0	0	1	-0.659	7.425	4
623	M328	max	0	18	7	0.221	0	4	0	18	23	0	18	23	0	18	23	0	18	23
624		min	0	0	2	-4.505	18	7	0	0	1	0	0	1	0	0	1	-39.264	4.5	7
625	M329	max	0.03	18	7	0.164	0	4	0	18	4	0	18	6	0	0	2	0	18	23
626		min	0	0	2	-9.638	18	7	0	0	2	0	0	16	0	0	4	-85.795	4.5	7
627	M330	max	0.006	18	7	0.164	0	4	0	18	6	0	18	6	0	18	23	0	18	23
628		min	0	0	2	-9.638	18	7	0	0	2	0	0	4	-0.004	0	6	-85.791	4.5	7
629	M331	max	0	18	7	0.253	0	15	0	18	6	0	18	2	0	18	23	0	18	23
630		min	0	0	5	-4.587	18	7	0	0	2	0	0	6	-0.004	0	6	-39.822	4.5	7
631	M332	max	-0.002	13.667	2	4.327	0	7	0	13.667	23	0	13.667	2	0	13.667	23	0	13.667	23
632		min	-0.01	0	5	-5.077	13.667	7	0	0	1	-0.008	0	7	0	0	1	-17.032	7.83	7
633	M333	max	-0.002	18.25	2	6.528	0	7	0	18.25	23	-0.001	18.25	2	0	18.25	23	0	18.25	23
634		min	-0.007	0	5	-6.02	18.25	7	0	0	1	-0.017	0	7	0	0	1	-30.359	9.885	7
635	M334	max	-0.001	13.666	2	4.326	0	7	0	13.666	23	0.014	13.666	7	0	13.666	23	0	13.666	23
636		min	-0.004	0	5	-5.077	13.666	7	0	0	1	0	0	2	0	0	1	-17.029	7.829	7
637	M335	max	68.996	0	6	1.437	10.5	5	0.078	10.5	5	0	10.5	2	0.241	10.5	5	2.021	0	5
638		min	13.436	0	2	0.366	0	2	0.019	0	2	0	0	5	-0.579	0	5	-13.067	10.5	5
639	M336	max	18.153	0	5	0.044	10	6	0	10	2	0	10	7	0	0	7	0.207	0	5
640		min	4.392	0	2	0.012	0	2	0	0	6	0	0	2	0	10	5	-0.238	10	6
641	M337	max	84.783	0	6	0	11.5	23	0	11.5	2	0	11.5	23	0	0	7	0	11.5	23
642		min	18.782	0	2	0	0	1	0	0	7	0	0	1	0	11.5	7	0	0	1
643	M338	max	67.946	0	6	0.651	11.5	6	0.003	11.5	5	0	11.5	23	0.024	11.5	5	10.923	0	6
644		min	13.853	0	2	0.141	0	2	0.001	0	2	0	0	1	-0.006	0	5	0.927	11.5	2
645	M339	max	2.255	1.417	5	0	1.417	2	10.448	1.417	6	0	1.417	6	0	1.417	23	0	1.417	23
646		min	0.565	0	2	0	0	5	2.483	0	2	0	0	2	-14.714	0	6	0	0	5
647	M340	max	19.524	4.854	5	5.229	0	5	0	4.854	2	0	4.854	5	0	0	5	1.067	0	5
648		min	4.695	0	2	-7.849	4.854	6	0	0	5	0	0	2	0	4.854	1	-14.426	2.983	6
649	M341	max	58.887	0	6	0	10	23	0	10	7	0	10	23	0	10	7	0	10	23
650		min	12.618	0	2	0	0	1	0	0	2	0	0	1	0	0	7	0	0	1
651	M342	max	-7.853	12.483	2	0.023	0	15	0	12.483	23	0	12.483	2	0	12.483	23	0	12.483	23
652		min	-34.101	12.483	6	-0.023	12.483	4	0	0	1	0	0	5	0	0	1	-0.072	6.241	8
653	M343	max	13.54	4.854	5	5.354	0	5	0	4.854	6	0	4.854	2	0	4.854	23	1.677	0	5
654		min	3.298	0	2	-7.723	4.854	6	0	0	2	-0.001	0	5	0	0	6	-14.19	2.983	6
655	M344	max	18.459	0	7	4.211	10.5	7	-0.006	10.5	2	0	10.5	4	0.241	0	5	20.022	0	6
656		min	0.071	0	2	0.475	0	2	-0.023	0	5	0	0	2	0	10.5	6	-25.496	10.5	7
657	M345	max	-2.029	4.854	2	5.47	0	6	0	4.854	7	0.003	4.854	5	0	4.854	23	2.239	0	6
658		min	-7.637	0	5	-7.612	4.854	5	0	0	2	0.001	0	2	0	0	7	-13.983	2.983	5
659	M346	max	1.055	8.542	6	-0.018	8.542	2	0	8.542	2	0	8.542	2	0	0	7	1.728	8.542	6
660		min	0.285	0	16	-0.387	8.542	8	0	0	7	0	0	5	0	8.542	7	-0.704	0	4
661	M347	max	-6.815	11.116	2	0.029	0	15	0	11.116	23	0.001	11.116	5	0	11.116	23	0	11.116	23
662		min	-28.731	11.116	5	-0.029	11.116	4	0	0	1	0	0	2	0	0	1	-0.08	5.558	4
663	M348	max	-0.231	1.417	2	-6.873	1.417	2	0.126	1.417	5	0.022	1.417	5	0	1.417	23	0	1.417	23
664		min	-0.935	0	5	-33.873	1.417	6	0.032	0	2	0.006	0	2	-0.178	0	5	-47.938	0	6
665	M349	max	19.941	13.666	5	30.62	0	6	0	13.666	23	0	13.666	2	0	13.666	23	0	13.666	23

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
666		min	4.818	0	2	-21.615	13.666	5	0	0	1	0	0	5	0	0	1	-101.307	7.118	5
667	M350	max	33.09	0	6	0	10.5	23	0	10.5	23	0	10.5	23	0	0	2	0	10.5	23
668		min	6.454	0	2	0	0	1	0	0	7	0	0	1	0	10.5	7	0	0	1
669	M351	max	-2.023	4.854	2	7.984	0	6	0	4.854	2	0	4.854	7	0	0	23	0.42	4.854	5
670		min	-7.605	0	5	-5.095	4.854	5	0	0	7	0	0	2	0	4.854	7	-14.676	1.871	6
671	M352	max	19.003	0	6	0.001	10	4	0	10	2	0	10	2	0	0	5	0.049	10	5
672		min	4.463	0	2	-0.007	0	5	0	0	5	0	0	6	-0.003	10	5	-0.022	0	2
673	M353	max	19.93	0	7	0.013	10.5	5	0.004	10.5	7	0	10.5	23	0.032	10.5	7	0.139	0	5
674		min	0	0	2	0.003	0	2	0	0	2	0	0	1	-0.009	0	7	0	10.5	2
675	M354	max	0.023	18.25	5	5.882	0	7	0	18.25	23	0.001	18.25	2	0	18.25	23	0	18.25	23
676		min	0.006	0	2	-5.882	18.25	7	0	0	1	-0.032	0	7	0	0	1	-26.837	9.125	7
677	M355	max	6.363	8.542	5	-0.066	8.542	2	0	8.542	2	0	8.542	5	0	0	5	1.185	8.542	6
678		min	1.64	0	2	-0.517	8.542	6	0	0	5	0	0	2	0	8.542	5	-2.359	0	6
679	M356	max	-4.375	11.116	2	0.029	0	4	0	11.116	23	0	11.116	7	0	11.116	23	0	11.116	23
680		min	-23.366	0	5	-0.029	11.116	8	0	0	1	0	0	2	0	0	1	-0.08	5.558	4
681	M357	max	47.323	0	6	1.338	10	5	-0.003	10	2	0	10	23	0.024	0	5	3.558	0	5
682		min	9.354	0	2	0.335	0	2	-0.012	0	5	0	0	1	-0.097	10	5	-9.824	10	5
683	M358	max	-0.231	13.666	2	26.214	0	6	-0.003	13.666	2	0.022	13.666	5	0	0	23	0	0	23
684		min	-0.935	0	5	-28.529	13.666	5	-0.013	0	5	0.006	0	2	-0.178	13.666	5	-135.875	7.972	6
685	M359	max	-7.8	16.934	2	0.13	0	15	0	16.934	23	0	16.934	2	0	16.934	23	0	16.934	23
686		min	-31.559	0	5	-0.13	16.934	4	0	0	1	-0.001	0	5	0	0	1	-0.551	8.467	8
687	M360	max	-0.265	13.667	2	22.589	0	6	0	13.667	23	0	13.667	7	0	13.667	23	0	13.667	23
688		min	-1.069	0	5	-31.77	13.667	5	0	0	1	0	0	2	0	0	1	-107.534	7.972	5
689	M361	max	110.492	0	6	0	10	23	0	10	7	0	10	23	0	10	7	0	10	23
690		min	24.946	0	2	0	0	1	0	0	2	0	0	1	0	10	2	0	0	1
691	M362	max	8.679	0	7	0	10.5	23	0	10.5	2	0	10.5	23	0	0	7	0	10.5	23
692		min	0	0	2	0	0	1	0	0	7	0	0	1	0	0	2	0	0	1
693	M363	max	237.817	0	6	-0.024	10	2	0	10	7	0	10	2	0	10	7	1.033	10	6
694		min	52.516	0	2	-0.103	0	6	0	0	2	0	0	7	0	10	2	0	0	1
695	M364	max	198.131	0	6	0.125	11.5	6	0	11.5	2	0	11.5	2	0	0	7	1.033	0	6
696		min	42.84	0	2	0.029	0	2	0	0	7	0	0	7	-0.001	11.5	7	-0.409	11.5	6
697	M365	max	130.547	0	6	-0.006	10	2	0	10	7	0	10	2	0.002	10	7	-0.038	10	2
698		min	27.333	0	2	-0.023	0	6	0	0	2	0	0	7	-0.001	0	7	-0.409	0	6
699	M366	max	70.424	0	6	-0.006	10.5	2	0	10.5	2	0	10.5	23	0.002	0	7	0.139	10.5	5
700		min	13.846	0	2	-0.031	0	5	-0.001	0	7	0	0	1	-0.007	10.5	7	-0.187	0	5
701	M367	max	281.718	0	6	-0.068	10	2	-0.005	10	2	0	10	5	0	0	23	2.878	10	5
702		min	64.855	0	2	-0.288	0	5	-0.018	0	5	0	0	2	-0.183	10	5	0	0	1
703	M368	max	242.541	0	6	0.267	11.5	6	0.072	11.5	5	0	11.5	5	0.641	11.5	5	2.878	0	5
704		min	55.292	0	2	0.062	0	2	0.018	0	2	0	0	2	-0.184	0	5	-0.195	11.5	6
705	M369	max	151.914	0	6	0.04	10	5	-0.068	10	2	0	10	5	0.642	0	5	-0.039	0	2
706		min	33.696	0	2	0.01	0	2	-0.266	0	5	0	0	2	-2.015	10	5	-0.579	10	5
707	M370	max	10.546	0	6	0.01	11.5	5	0	11.5	7	0	11.5	2	0	11.5	6	0.023	0	5
708		min	1.72	0	2	0.002	0	16	0	0	2	0	0	7	0	0	2	-0.093	11.5	5
709	M371	max	12.406	0	6	0.018	11.5	7	0	11.5	5	0	11.5	6	0.001	11.5	5	0.126	0	6
710		min	2.771	0	2	0.001	0	2	0	0	2	0	0	2	0	0	2	-0.083	11.5	7
711	M372	max	17.909	13.667	5	21.613	0	6	0	13.667	23	0	13.667	2	0	13.667	23	0	13.667	23
712		min	4.094	0	2	-30.622	13.667	5	0	0	1	0	0	7	0	0	1	-101.321	6.549	5
713	M373	max	18.077	4.854	5	8.55	0	6	0	4.854	5	0	4.854	7	0	4.854	5	0	0	23
714		min	4.144	0	2	-4.545	4.854	5	0	0	7	0	0	2	0	4.854	7	-15.734	1.871	6
715	M374	max	-0.025	13.667	23	21.965	0	6	0	13.667	23	0	13.667	7	0	13.667	23	0	13.667	23
716		min	-0.753	0	7	-30.974	13.667	5	0	0	1	0	0	2	0	0	1	-102.522	6.549	5
717	M375	max	23.944	13.666	5	30.62	0	6	0	13.666	23	0	13.666	5	0	13.666	23	0	13.666	23
718		min	5.917	0	2	-21.615	13.666	5	0	0	1	0	0	2	0	0	1	-101.307	7.118	5
719	M376	max	-3.933	13.667	2	21.965	0	6	0	13.667	23	0	13.667	2	0	13.667	23	0	13.667	23
720		min	-17.781	0	5	-30.974	13.667	5	0	0	1	0	0	7	0	0	1	-102.522	6.549	5
721	M377	max	-2.035	8.542	2	-0.021	8.542	2	0	8.542	6	0	8.542	5	0	8.542	6	2.189	8.542	6
722		min	-7.647	0	5	-0.363	8.542	8	0	0	2	0	0	2	0	0	2	-0.192	0	4
723	M378	max	5.153	13.666	5	30.62	0	6	0	13.666	23	0	13.666	2	0	13.666	23	0	13.666	23

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
724		min	1.261	0	2	-21.615	13.666	5	0	0	1	-0.002	0	5	0	0	1	-101.307	7.118	5
725	M379	max	-6.451	12.483	2	0.023	0	15	0	12.483	23	0	12.483	5	0	12.483	23	0	12.483	23
726		min	-30.433	0	6	-0.023	12.483	4	0	0	1	0	0	7	0	0	1	-0.072	6.241	8
727	M380	max	-7.482	17.861	2	0.065	0	4	0	17.861	23	0	17.861	5	0	17.861	23	0	17.861	23
728		min	-31.143	0	6	-0.065	17.861	8	0	0	1	0	0	2	0	0	1	-0.291	8.93	4
729	M381	max	78.344	0	6	-0.255	10	2	0	10	2	0	10	23	0	0	23	10.919	10	6
730		min	15.945	0	2	-1.092	0	6	-0.001	0	5	0	0	1	-0.006	10	5	0	0	1
731	M382	max	35.434	0	6	-0.231	10.5	2	0.011	10.5	5	0	10.5	23	0.022	10.5	5	0.022	10.5	6
732		min	6.874	0	2	-0.938	0	5	0.003	0	2	0	0	1	-0.097	0	5	-9.827	0	5
733	M383	max	8.799	0	7	0	10.5	2	0	10.5	7	0	10.5	23	0.004	10.5	7	0	10.5	6
734		min	0	0	2	0	0	6	0	0	2	0	0	1	0	10.5	2	0	0	1
735	M384	max	-0.256	18.25	2	26.243	0	6	0	18.25	23	-0.001	18.25	2	0	18.25	23	0	18.25	23
736		min	-1.028	0	5	-22.093	18.25	5	0	0	1	-0.004	0	5	0	0	1	-126.059	10.266	5
737	M385	max	0.036	13.667	5	4.019	0	7	0	13.667	23	0	13.667	2	0	13.667	23	0	13.667	23
738		min	0.008	0	2	-4.019	13.667	7	0	0	1	0	0	7	0	0	1	-13.731	6.833	7
739	M386	max	0	13.666	7	4.093	0	7	0	13.666	23	0.004	13.666	7	0	13.666	23	0	13.666	23
740		min	0	0	2	-4.093	13.666	7	0	0	1	0	0	2	0	0	1	-13.982	6.833	7
741	M387	max	-0.394	1.417	2	0	1.417	5	8.869	1.417	6	0	1.417	2	0	1.417	23	0	0	5
742		min	-1.694	0	6	0	0	2	2.09	0	2	0	0	5	-12.475	0	6	0	1.417	1
743	M388	max	-0.194	1.417	2	0	1.417	2	18.945	1.417	6	0	1.417	2	0	1.417	23	0	1.417	23
744		min	-0.692	0	5	0	0	5	4.498	0	2	0	0	5	-26.753	0	6	-0.001	0	5
745	M389	max	0	27	23	4.505	0	7	0	27	23	0	27	23	0	27	23	0	27	23
746		min	0	0	1	-4.505	27	7	0	0	1	0	0	1	0	0	1	-39.264	13.5	7
747	M390	max	0	27	23	5.05	0	6	0	27	23	0	27	23	0	27	23	0	27	23
748		min	0	0	1	-5.05	27	5	0	0	1	0	0	1	0	0	1	-34.086	13.5	5
749	M391	max	0	27	23	3.662	0	6	0	27	23	0	27	23	0	27	23	0	27	23
750		min	0	0	1	-3.662	27	5	0	0	1	0	0	1	0	0	1	-24.717	13.5	5
751	M392	max	0	27	23	3.662	0	6	0	27	23	0	27	23	0	27	23	0	27	23
752		min	0	0	1	-3.662	27	5	0	0	1	0	0	1	0	0	1	-24.717	13.5	5
753	M393	max	0	27	23	3.662	0	6	0	27	23	0	27	23	0	27	23	0	27	23
754		min	0	0	1	-3.662	27	5	0	0	1	0	0	1	0	0	1	-24.717	13.5	5
755	M394	max	0	27	23	13.119	0	6	0	27	23	-0.001	27	2	0	27	23	0	27	23
756		min	0	0	1	-13.119	27	5	0	0	1	-0.003	0	6	0	0	1	-88.553	13.5	5
757	M395	max	0	27	23	13.119	0	6	0	27	23	0.003	27	6	0	27	23	0	27	23
758		min	0	0	1	-13.119	27	5	0	0	1	0.001	0	2	0	0	1	-88.553	13.5	5
759	M396	max	-0.005	27	23	0	27	23	0.397	27	15	-0.003	27	2	0	27	23	0	27	23
760		min	-0.042	0	5	0	0	1	-0.397	0	4	-0.009	0	6	-2.678	13.5	4	0	0	1
761	M397	max	0	27	2	13.119	0	6	0	27	23	0	27	2	0	27	23	0	27	23
762		min	-0.001	0	7	-13.119	27	5	0	0	1	-0.002	0	6	0	0	1	-88.553	13.5	5
763	M398	max	0.137	27	5	0	27	23	0.397	27	15	0.022	27	6	0	27	23	0	27	23
764		min	0.035	0	2	0	0	1	-0.397	0	4	0.005	0	2	-2.678	13.5	4	0	0	1
765	M399	max	0	27	23	13.119	0	6	0	27	23	0.003	27	5	0	27	23	0	27	23
766		min	0	0	1	-13.119	27	5	0	0	1	0.001	0	2	0	0	1	-88.553	13.5	5
767	M400	max	-0.003	27	2	3.662	0	6	0	27	23	-0.001	27	2	0	27	23	0	27	23
768		min	-0.016	0	6	-3.662	27	5	0	0	1	-0.003	0	6	0	0	1	-24.717	13.5	5
769	M401	max	0	27	23	9.638	0	7	0	27	23	0	27	5	0	27	23	0	27	23
770		min	0	0	1	-9.638	27	7	0	0	1	0	0	2	0	0	1	-85.791	13.5	7
771	M402	max	0	27	23	8.093	0	7	0	27	2	0	27	2	0.005	27	2	71.637	27	7
772		min	0	0	1	-11.508	27	7	0	0	4	0	0	6	-0.011	27	4	-45.55	9	7
773	M403	max	-0.217	27	2	0	27	23	0.397	27	15	-0.001	27	2	0	27	23	0	27	23
774		min	-1.058	0	6	0	0	1	-0.397	0	4	-0.004	0	5	-2.678	13.5	4	0	0	1
775	M404	max	0	27	23	4.587	0	7	0	27	23	0	27	6	0	27	23	0	27	23
776		min	0	0	1	-4.587	27	7	0	0	1	0	0	2	0	0	1	-39.822	13.5	7
777	M405	max	0	27	23	8.876	0	6	0	27	5	0	27	6	0.001	27	5	46.486	27	5
778		min	0	0	1	-9.927	27	5	0	0	16	0	0	2	0	0	4	-24.391	12.656	5
779	M406	max	0	27	23	3.662	0	6	0	27	23	-0.001	27	2	0	27	23	0	27	23
780		min	0	0	1	-3.662	27	5	0	0	1	-0.003	0	6	0	0	1	-24.717	13.5	5
781	M407	max	0	27	23	13.119	0	6	0	27	23	-0.001	27	2	0	27	23	0	27	23

Envelope Maximum Member Section Forces (Continued)

	Member		Axial[k]	Loc[ft]	LC	y Shear[k]	Loc[ft]	LC	z Shear[k]	Loc[ft]	LC	Torque[k-ft]	Loc[ft]	LC	y-y Moment[k-ft]	Loc[ft]	LC	z-z Moment[k-ft]	Loc[ft]	LC
782		min	0	0	1	-13.119	27	5	0	0	1	-0.003	0	5	0	0	1	-88.553	13.5	5
783	M408	max	0	27	7	9.484	0	15	0	27	23	0.002	27	6	0	27	23	0	27	23
784		min	0	0	2	-9.484	27	4	0	0	1	0.001	0	2	0	0	1	-64.019	13.5	4
785	M409	max	0.234	27	5	0	27	23	0.397	27	15	0.003	27	5	0	27	23	0	27	23
786		min	0.047	0	2	0	0	1	-0.397	0	4	0.001	0	2	-2.678	13.5	4	0	0	1
787	M410	max	0	27	23	3.662	0	6	0	27	23	-0.001	27	2	0	27	23	0	27	23
788		min	0	0	1	-3.662	27	5	0	0	1	-0.003	0	6	0	0	1	-24.717	13.5	5
789	M411	max	11.182	4.854	5	8.101	0	6	0	4.854	7	0	4.854	2	0	4.854	7	0.215	4.854	2
790		min	2.231	0	2	-4.987	4.854	5	0	0	2	0	0	7	0	4.854	2	-14.895	1.871	6
791	M412	max	15.168	0	5	2.914	10	6	0	10	2	0	10	5	0.001	0	5	14.425	0	6
792		min	3.685	0	2	0.696	0	2	0	0	5	0	0	2	-0.002	10	5	-14.717	10	6
793	M413	max	3.434	0	6	2.157	11.5	6	0	11.5	5	0	11.5	2	0	11.5	5	12.479	0	6
794		min	0.745	0	2	0.513	0	2	0	0	2	0	0	5	0	0	2	-12.331	11.5	6
795	M414	max	35.189	0	15	-0.395	3.667	2	0.028	3.667	2	0	3.667	2	0.102	3.667	2	8.877	3.667	6
796		min	1.754	0	2	-2.421	0	6	-0.093	0	4	0	0	4	-0.34	3.667	4	0	0	1
797	M415	max	9.153	0	15	-0.127	3.667	2	0.07	3.667	4	0	3.667	2	0.257	3.667	4	2.994	3.667	6
798		min	0.497	0	2	-0.816	0	6	-0.049	0	2	0	0	4	-0.179	3.667	2	0	0	1
799	M416	max	30.227	0	5	2.402	3.667	5	0.348	3.667	15	0.017	3.667	2	1.277	3.667	15	0	0	23
800		min	7.357	0	2	0.382	0	2	0.025	0	2	-0.036	0	4	0	0	1	-8.809	3.667	5
801	M417	max	8.263	0	5	0.81	3.667	5	-0.008	3.667	2	0.017	3.667	2	0	0	23	0	0	23
802		min	2.129	0	2	0.139	0	2	-0.412	0	8	-0.039	0	4	-1.51	3.667	8	-2.97	3.667	5
803	M418	max	0.067	27	4	4.926	0	4	0.006	27	2	0.023	27	6	0.149	0	4	90.391	27	15
804		min	-0.04	0	2	-15.047	27	8	-0.011	0	4	0.004	0	2	-0.158	27	4	-26.032	10.406	4
805	M419	max	0.003	14.917	4	10.245	0	15	0	14.917	4	0	14.917	23	0.007	0	2	90.156	0	15
806		min	-0.001	0	2	0.088	0	2	0	0	2	0	0	1	-0.006	0	4	0	14.917	1
807	M420	max	0	27	2	6.836	0	5	0.002	27	2	0	27	2	0.057	27	2	73.794	27	6
808		min	-0.002	0	8	-15.272	27	6	-0.004	0	4	-0.003	0	8	-0.113	27	4	-40.301	12.094	5
809	M421	max	0.003	14.917	2	9.913	0	6	0.001	14.917	2	0.013	14.917	6	0.039	0	4	73.502	0	6
810		min	-0.007	0	4	-0.805	14.917	5	-0.003	0	4	-0.004	0	4	-0.02	0	2	-0.861	12.742	5
811	M422	max	-0.016	27	2	2.914	0	6	0.005	27	2	-0.003	27	2	0.131	0	4	57.232	27	6
812		min	-0.391	0	8	-7.254	27	5	-0.01	0	4	-0.022	0	5	-0.141	27	4	-12.651	7.875	5
813	M423	max	0.004	14.917	4	6.74	0	5	0.002	14.917	4	0	14.917	23	0.013	0	2	58.634	0	5
814		min	-0.002	0	2	0.14	14.917	2	-0.001	0	2	0	0	1	-0.033	0	4	0	14.917	1
815	M424	max	0.813	11.25	5	4.203	0	5	0.017	11.25	4	0.027	11.25	4	0.076	0	2	2.971	0	6
816		min	0.132	0	2	0.549	0	2	-0.009	0	2	-0.008	0	2	-0.149	0	4	-32.223	11.25	5
817	M425	max	0.813	7	5	-0.889	7	2	0.019	7	4	0.027	7	4	0.17	7	4	2.947	7	5
818		min	0.135	0	2	-5.264	7	5	-0.009	0	2	-0.008	0	2	-0.082	7	2	-32.22	0	5
819	M426	max	2.411	11.25	6	10.294	0	6	0.023	11.25	4	0.057	11.25	4	0.106	11.25	4	8.901	0	6
820		min	0.389	0	2	1.614	0	2	-0.011	0	2	-0.001	0	2	-0.151	0	4	-102.565	11.25	6
821	M427	max	2.412	7	6	-2.589	7	2	0.027	7	4	-0.054	7	2	0.144	7	4	8.831	7	5
822		min	0.388	0	2	-16.156	7	6	-0.014	0	2	-0.245	0	6	-0.074	7	2	-102.58	0	6
823	M428	max	0	11.25	2	0.971	0	15	0.003	11.25	4	0	11.25	23	0.028	11.25	4	0	0	23
824		min	0	0	4	0.014	11.25	16	-0.001	0	2	0	0	1	-0.013	11.25	2	-6.184	11.25	5
825	M429	max	0.002	7	4	-0.14	7	2	0.002	7	2	0	7	23	0.028	0	4	0	7	23
826		min	-0.001	0	2	-1.122	7	5	-0.004	0	4	0	0	1	-0.013	0	2	-6.172	0	5

Envelope Member End Reactions

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1	M1	I	max	102.045	6	0	23	0	7	0	2	0	23	0	23
2			min	21.662	2	0	1	0	2	-0.001	7	0	1	0	1
3		J	max	101.924	6	0	23	0	7	0	2	0.002	7	0	23
4			min	21.662	2	0	1	0	2	-0.001	7	0	2	0	1
5	M2	I	max	74.757	6	0	23	0	2	0	2	0.002	7	0	23
6			min	15.551	2	0	1	-0.001	7	-0.001	7	0	2	0	1
7		J	max	74.618	6	0	23	0	2	0	2	0	2	0	23
8			min	15.551	2	0	1	-0.001	7	-0.001	7	-0.007	7	0	1
9	M3	I	max	61.325	6	0	23	0.002	7	0	23	0	6	0	23
10			min	12.896	2	0	1	0	2	0	1	-0.001	7	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
11		J	max	61.204	6	0	23	0.002	7	0	23	0.016	7	0	23
12			min	12.896	2	0	1	0	2	0	1	0	2	0	1
13	M4	I	max	35.107	6	0	23	0.002	7	0	23	0	2	0	23
14			min	6.697	2	0	1	0	2	0	1	-0.02	7	0	1
15		J	max	34.952	6	0	23	0.002	7	0	23	0.006	7	0	23
16			min	6.697	2	0	1	0	2	0	1	0	2	0	1
17	M5	I	max	9.247	7	0	23	0	2	0	23	0.004	7	0	23
18			min	0	2	0	1	0	7	0	1	0	2	0	1
19		J	max	9.092	7	0	23	0	2	0	23	0	2	0	23
20			min	0	2	0	1	0	7	0	1	-0.001	7	0	1
21	M6	I	max	306.803	6	-0.033	2	0.029	7	0	7	0	23	0	23
22			min	62.182	2	-0.152	6	0	2	0	4	0	1	0	1
23		J	max	306.105	6	-0.033	2	0.029	7	0	7	0.287	7	1.525	6
24			min	62.182	2	-0.152	6	0	2	0	4	0	2	0.332	2
25	M7	I	max	271.48	6	0.211	6	0	2	0	7	0.287	7	1.525	6
26			min	53.664	2	0.047	2	-0.119	7	0	4	0	2	0.332	2
27		J	max	270.677	6	0.211	6	0	2	0	7	0.001	2	-0.213	2
28			min	53.664	2	0.047	2	-0.119	7	0	4	-1.08	7	-0.897	6
29	M8	I	max	200.859	6	-0.029	2	0.47	7	0	7	0.001	2	-0.213	2
30			min	37.704	2	-0.113	6	0	2	0	16	-1.09	7	-0.897	6
31		J	max	200.382	6	-0.029	2	0.47	7	0	7	3.614	7	0.228	6
32			min	37.704	2	-0.113	6	0	2	0	16	-0.004	2	0.055	16
33	M9	I	max	112.913	6	0.028	6	0.001	2	0	2	3.656	7	0.228	6
34			min	18.098	2	0.006	16	-0.78	7	0	4	-0.004	2	0.055	16
35		J	max	112.521	6	0.028	6	0.001	2	0	2	0.004	2	-0.005	23
36			min	18.098	2	0.006	16	-0.78	7	0	4	-4.53	7	-0.061	6
37	M10	I	max	50.661	7	-0.001	23	0.432	7	0	2	0.005	2	-0.005	23
38			min	1.754	2	-0.006	6	0	2	0	4	-4.521	7	-0.06	6
39		J	max	50.27	7	-0.001	23	0.432	7	0	2	0.015	7	0	6
40			min	1.754	2	-0.006	6	0	2	0	4	0	2	0	16
41	M11	I	max	333.359	6	-0.056	2	0.009	7	0	6	0	23	0	23
42			min	77.013	2	-0.245	5	0.001	2	0	2	0	1	0	1
43		J	max	332.555	6	-0.056	2	0.009	7	0	6	0.092	7	2.447	5
44			min	77.013	2	-0.245	5	0.001	2	0	2	0.009	2	0.556	2
45	M12	I	max	297.491	6	0.302	6	-0.003	2	0	6	0.092	7	2.447	5
46			min	68.267	2	0.069	2	-0.034	7	0	2	0.009	2	0.556	2
47		J	max	296.829	6	0.302	6	-0.003	2	0	6	-0.029	2	-0.24	2
48			min	68.267	2	0.069	2	-0.034	7	0	2	-0.295	7	-1.032	6
49	M13	I	max	199.785	6	-0.032	2	0.124	7	0	2	-0.029	2	-0.24	2
50			min	45.093	2	-0.134	6	0.012	2	0	8	-0.296	7	-1.032	6
51		J	max	199.412	6	-0.032	2	0.124	7	0	2	0.948	7	0.312	6
52			min	45.093	2	-0.134	6	0.012	2	0	8	0.094	2	0.077	2
53	M14	I	max	110.29	6	-0.17	2	-0.011	2	0	2	0.312	6	-0.095	2
54			min	23.516	2	-1.274	7	-0.044	6	0	8	0.077	2	-0.951	7
55		J	max	109.531	6	-0.17	2	-0.011	2	0	2	-0.039	2	12.422	7
56			min	23.516	2	-1.274	7	-0.044	6	0	8	-0.148	6	1.687	2
57	M15	I	max	42.581	6	-0.163	2	0.014	6	0.001	2	-0.038	2	-1.624	2
58			min	7.363	2	-5.672	7	0.004	2	-0.003	4	-0.147	6	-23.016	7
59		J	max	41.822	6	-0.163	2	0.014	6	0.001	2	0	6	36.542	7
60			min	7.363	2	-5.672	7	0.004	2	-0.003	4	0	16	0.086	2
61	M16	I	max	4.436	6	2.464	6	0	2	-0.005	2	0.001	6	14.238	6
62			min	0.984	2	0.581	2	0	6	-0.027	6	0	2	3.353	2
63		J	max	4.297	6	2.464	6	0	2	-0.005	2	0	2	-3.325	2
64			min	0.984	2	0.581	2	0	6	-0.027	6	-0.002	6	-14.099	6
65	M17	I	max	14.284	5	3.288	6	0	2	-0.002	2	0.002	5	16.301	6
66			min	3.441	2	0.779	2	0	5	-0.006	5	0	2	3.859	2
67		J	max	14.164	5	3.288	6	0	2	-0.002	2	0	7	-3.933	2
68			min	3.441	2	0.779	2	0	5	-0.006	5	0	5	-16.583	6

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
69	M18	I	max	8.684	15	-0.008	2	0	2	0	7	0	2	-0.055	2
70			min	0.636	2	-0.045	6	0	7	0	2	0	7	-0.289	6
71		J	max	8.571	15	-0.008	2	0	2	0	7	0	2	0.224	6
72			min	0.636	2	-0.045	6	0	7	0	2	-0.001	7	0.041	2
73	M19	I	max	28.288	6	-0.007	2	0.001	7	0	2	0	2	-0.037	2
74			min	6.865	2	-0.035	6	0	2	0	7	-0.001	7	-0.189	6
75		J	max	28.204	6	-0.007	2	0.001	7	0	2	0.005	7	0.166	6
76			min	6.865	2	-0.035	6	0	2	0	7	0	2	0.036	2
77	M20	I	max	14.882	6	0.05	6	0	2	0	7	0	2	0.33	6
78			min	3.365	2	0.007	2	0	7	0	5	0	7	0.052	2
79		J	max	14.785	6	0.05	6	0	2	0	7	0	2	-0.031	2
80			min	3.365	2	0.007	2	0	7	0	5	-0.001	7	-0.243	6
81	M21	I	max	27.479	6	0.021	4	0	7	0	3	0	2	0.119	4
82			min	6.404	2	-0.002	2	0	2	0	7	0	7	-0.009	2
83		J	max	27.394	6	0.021	4	0	7	0	3	0.002	7	0.016	2
84			min	6.404	2	-0.002	2	0	2	0	7	0	2	-0.089	4
85	M22	I	max	16.316	5	19.234	6	0	23	0	2	0	23	0	23
86			min	3.518	2	4.759	2	0	1	0	7	0	1	0	1
87		J	max	16.316	5	-6.761	2	0	23	0	2	0	23	0	23
88			min	3.518	2	-27.241	5	0	1	0	7	0	1	0	1
89	M23	I	max	16.603	5	7.464	6	0	2	0	7	0	23	0	23
90			min	3.596	2	1.76	2	0	7	0	2	0	1	0	1
91		J	max	16.603	5	-1.12	2	0	2	0	7	0	2	0.095	2
92			min	3.596	2	-4.181	5	0	7	0	2	0	7	-1.741	4
93	M24	I	max	1.328	5	0.397	5	0	2	0	7	0	7	0.15	2
94			min	0.317	16	0.099	16	0	7	0	2	0	2	-1.51	4
95		J	max	1.328	5	0.192	5	0	2	0	7	0	7	-1.064	2
96			min	0.317	16	-0.041	4	0	7	0	2	0	2	-3.596	6
97	M25	I	max	18.931	5	3.656	5	0	7	0	2	0	2	-1.117	2
98			min	4.522	2	0.87	2	0	2	0	7	0	7	-3.928	6
99		J	max	18.931	5	-2.01	2	0	7	0	2	0	23	0	23
100			min	4.522	2	-7.987	6	0	2	0	7	0	1	0	1
101	M26	I	max	19.335	5	27.213	6	0	23	0	7	0	23	0	23
102			min	4.639	2	6.744	2	0	1	0	2	0	1	0	1
103		J	max	19.335	5	-4.776	2	0	23	0	7	0	23	0	23
104			min	4.639	2	-19.262	5	0	1	0	2	0	1	0	1
105	M27	I	max	-0.349	2	19.586	6	0	23	0.008	7	0	23	0	23
106			min	-2.395	6	4.759	2	0	1	0	2	0	1	0	1
107		J	max	-0.349	2	-6.761	2	0	23	0.008	7	0	23	0	23
108			min	-2.395	6	-27.593	5	0	1	0	2	0	1	0	1
109	M28	I	max	14.216	5	7.142	6	0	7	0	2	0	23	0	23
110			min	2.612	2	1.668	2	0	2	-0.001	7	0	1	0	1
111		J	max	14.216	5	-1.212	2	0	7	0	2	0.001	7	0.546	2
112			min	2.612	2	-4.5	5	0	2	-0.001	7	0	2	-0.781	4
113	M29	I	max	-1.084	2	0.443	5	0	2	0	2	0	7	0.625	2
114			min	-5.055	5	0.097	16	0	7	0	7	0	2	-0.451	4
115		J	max	-1.084	2	0.238	5	0	2	0	2	0	2	-0.542	23
116			min	-5.055	5	-0.045	4	0	7	0	7	0	7	-2.309	6
117	M30	I	max	14.298	5	3.918	5	0	7	0	7	0	2	-0.712	23
118			min	3.436	2	0.92	2	0	2	0	2	0	7	-2.643	6
119		J	max	14.298	5	-1.96	2	0	7	0	7	0	23	0	23
120			min	3.436	2	-7.722	6	0	2	0	2	0	1	0	1
121	M31	I	max	20.41	5	27.213	6	0	23	0	2	0	23	0	23
122			min	5.009	2	6.744	2	0	1	0	7	0	1	0	1
123		J	max	20.41	5	-4.776	2	0	23	0	2	0	23	0	23
124			min	5.009	2	-19.262	5	0	1	0	7	0	1	0	1
125	M32	I	max	1.455	2	19.586	6	0	23	0	2	0	23	0	23
126			min	-2.065	4	4.759	2	0	1	-0.036	7	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
127		J	max	1.455	2	-6.761	2	0	23	0	2	0	23	0	23
128			min	-2.065	4	-27.593	5	0	1	-0.036	7	0	1	0	1
129	M33	I	max	2.601	6	7.087	5	0	2	0.005	7	0	23	0	23
130			min	0.347	2	1.685	2	0	7	0	2	0	1	0	1
131		J	max	2.601	6	-1.195	2	0	2	0.005	7	0	2	0.462	2
132			min	0.347	2	-4.55	6	0	7	0	2	0	7	-0.344	4
133	M34	I	max	2.638	6	0.326	5	0	7	0	7	0	2	0.614	6
134			min	0.354	2	0.073	16	0	2	0	2	0	7	-0.218	4
135		J	max	2.638	6	0.126	2	0	7	0	7	0	7	-0.218	23
136			min	0.354	2	-0.094	4	0	2	0	2	0	2	-1.296	5
137	M35	I	max	2.623	6	4.183	6	0	2	0	2	0	7	-0.262	23
138			min	0.356	2	0.985	2	0	7	-0.002	7	0	2	-1.345	5
139		J	max	2.623	6	-1.895	2	0	2	0	2	0	23	0	23
140			min	0.356	2	-7.455	5	0	7	-0.002	7	0	1	0	1
141	M36	I	max	3.325	5	27.213	6	0	23	0.001	7	0	23	0	23
142			min	0.796	2	6.744	2	0	1	0	2	0	1	0	1
143		J	max	3.325	5	-4.776	2	0	23	0.001	7	0	23	0	23
144			min	0.796	2	-19.262	5	0	1	0	2	0	1	0	1
145	M37	I	max	2.713	4	0.098	4	0	23	0	7	0	23	0	23
146			min	-0.137	2	0	2	0	1	0	2	0	1	0	1
147		J	max	2.549	4	0	2	0	23	0	7	0	23	0	23
148			min	-0.137	2	-0.098	8	0	1	0	2	0	1	0	1
149	M38	I	max	-8.08	2	0.017	15	0	23	0	2	0	23	0	23
150			min	-39.408	6	0	2	0	1	0	7	0	1	0	1
151		J	max	-8.08	2	0	2	0	23	0	2	0	23	0	23
152			min	-39.337	6	-0.017	4	0	1	0	7	0	1	0	1
153	M39	I	max	-10.465	2	0.017	4	0	23	0	7	0	23	0	23
154			min	-45.325	6	0	2	0	1	0	2	0	1	0	1
155		J	max	-10.465	2	0	2	0	23	0	7	0	23	0	23
156			min	-45.395	6	-0.017	8	0	1	0	2	0	1	0	1
157	M40	I	max	-7.504	2	0.065	4	0	23	0	2	0	23	0	23
158			min	-31.51	6	0	2	0	1	0	6	0	1	0	1
159		J	max	-7.504	2	0	2	0	23	0	2	0	23	0	23
160			min	-31.416	6	-0.065	8	0	1	0	6	0	1	0	1
161	M41	I	max	-6.002	2	0.163	15	0	23	0	2	0	23	0	23
162			min	-21.863	6	0	2	0	1	-0.002	7	0	1	0	1
163		J	max	-6.002	2	0	2	0	23	0	2	0	23	0	23
164			min	-22.067	6	-0.163	4	0	1	-0.002	7	0	1	0	1
165	M42	I	max	-8.466	2	0.029	4	0	23	0.001	7	0	23	0	23
166			min	-44.234	5	0	2	0	1	0	2	0	1	0	1
167		J	max	-8.466	2	0	2	0	23	0.001	7	0	23	0	23
168			min	-44.132	5	-0.029	8	0	1	0	2	0	1	0	1
169	M43	I	max	-10.373	2	0.029	4	0	23	0	2	0	23	0	23
170			min	-44.371	5	0	2	0	1	0	7	0	1	0	1
171		J	max	-10.373	2	0	2	0	23	0	2	0	23	0	23
172			min	-44.473	5	-0.029	8	0	1	0	7	0	1	0	1
173	M44	I	max	-6.106	2	0.098	15	0	23	0	7	0	23	0	23
174			min	-24.813	5	0	2	0	1	0	2	0	1	0	1
175		J	max	-6.106	2	0	2	0	23	0	7	0	23	0	23
176			min	-24.691	5	-0.098	4	0	1	0	2	0	1	0	1
177	M45	I	max	78.261	6	-0.256	2	-0.011	2	0.013	5	0	23	0	23
178			min	15.245	2	-1.128	6	-0.055	6	0.003	2	0	1	0	1
179		J	max	77.109	6	-0.256	2	-0.011	2	0.013	5	-0.109	2	11.279	6
180			min	15.245	2	-1.128	6	-0.055	6	0.003	2	-0.552	6	2.564	2
181	M46	I	max	70.321	6	1.193	6	0.077	6	-0.004	2	-0.109	2	11.273	6
182			min	13.852	2	0.266	2	0.015	2	-0.018	5	-0.553	6	2.563	2
183		J	max	68.997	6	1.193	6	0.077	6	-0.004	2	0.336	6	-0.497	2
184			min	13.852	2	0.266	2	0.015	2	-0.018	5	0.063	2	-2.451	6

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
185	M47	I	max	46.746	6	-0.015	2	-0.009	2	0	7	0.332	6	-0.496	2
186			min	8.845	2	-0.136	7	-0.044	6	-0.002	5	0.063	2	-2.446	6
187		J	max	45.595	6	-0.015	2	-0.009	2	0	7	-0.025	2	-0.347	2
188			min	8.845	2	-0.136	7	-0.044	6	-0.002	5	-0.106	6	-1.485	5
189	M48	I	max	32.947	6	-0.033	2	0.01	6	0	23	-0.026	2	-0.356	2
190			min	6.109	2	-0.139	5	0.002	2	0	1	-0.107	6	-1.522	5
191		J	max	31.738	6	-0.033	2	0.01	6	0	23	-0.001	2	-0.014	2
192			min	6.109	2	-0.139	5	0.002	2	0	1	-0.006	7	-0.059	6
193	M49	I	max	9.45	7	0	5	0	2	0	23	0	23	0	23
194			min	0	2	0	2	0	7	0	1	0	1	0	1
195		J	max	9.331	7	0	5	0	2	0	23	0	2	0	2
196			min	0	2	0	2	0	7	0	1	-0.003	7	0	5
197	M50	I	max	-0.001	7	20.111	6	0	23	0	2	0	23	0	23
198			min	-0.06	5	4.777	2	0	1	-0.002	7	0	1	0	1
199		J	max	-0.001	7	-6.743	2	0	23	0	2	0	23	0	23
200			min	-0.06	5	-28.272	5	0	1	-0.002	7	0	1	0	1
201	M51	I	max	-0.018	2	35.134	6	0	23	0.008	7	0	23	0	23
202			min	-0.09	5	8.347	2	0	1	0.001	2	0	1	0	1
203		J	max	-0.018	2	-7.013	2	0	23	0.008	7	0	23	0	23
204			min	-0.09	5	-29.601	5	0	1	0.001	2	0	1	0	1
205	M52	I	max	-0.033	2	23.47	6	0	2	-0.001	2	0	23	0	23
206			min	-0.141	5	5.41	2	0	7	-0.006	7	0	1	0	1
207		J	max	-0.033	2	-6.11	2	0	2	-0.001	2	0	2	-8.658	2
208			min	-0.141	5	-25.297	5	0	7	-0.006	7	0	7	-44.296	6
209	M53	I	max	-0.033	2	-6.11	2	0	7	-0.001	2	0	2	-8.658	2
210			min	-0.141	5	-31.218	6	0	2	-0.006	7	0	7	-44.296	6
211		J	max	-0.033	2	-6.11	2	0	7	-0.001	2	0	23	0	23
212			min	-0.141	5	-31.302	6	0	2	-0.006	7	0	1	0	1
213	M54	I	max	0.008	2	0.096	15	0	23	0.001	7	0	23	0	23
214			min	-0.037	4	0	2	0	1	0	2	0	1	0	1
215		J	max	0.008	2	0	2	0	23	0.001	7	0	23	0	23
216			min	-0.037	4	-0.096	4	0	1	0	2	0	1	0	1
217	M55	I	max	-0.385	2	0.73	15	0	23	0	2	0	23	0	23
218			min	-2.426	6	0	2	0	1	-0.014	7	0	1	0	1
219		J	max	-0.385	2	0	2	0	23	0	2	0	23	0	23
220			min	-2.426	6	-0.73	4	0	1	-0.014	7	0	1	0	1
221	M56	I	max	0	5	0.183	15	0	23	0	2	0	23	0	23
222			min	0	2	0	2	0	1	-0.003	7	0	1	0	1
223		J	max	0	5	0	2	0	23	0	2	0	23	0	23
224			min	0	2	-0.183	4	0	1	-0.003	7	0	1	0	1
225	M57	I	max	-0.52	2	-0.004	2	9.984	6	0.001	6	-3.354	2	-0.005	2
226			min	-2.274	6	-0.019	6	2.367	2	0	2	-14.239	6	-0.027	6
227		J	max	-0.52	2	-0.004	2	10.113	6	0.001	6	0	23	0	23
228			min	-2.274	6	-0.019	6	2.367	2	0	2	0	1	0	1
229	M58	I	max	1.296	6	0.015	6	21.39	6	0.004	6	-7.185	2	0.021	6
230			min	0.281	2	0.003	2	5.071	2	0.001	2	-30.401	6	0.004	2
231		J	max	1.296	6	0.015	6	21.519	6	0.004	6	0	23	0	23
232			min	0.281	2	0.003	2	5.071	2	0.001	2	0	1	0	1
233	M59	I	max	0.047	5	0.004	5	11.639	6	0.001	5	-3.933	2	0.006	5
234			min	-0.07	7	0.001	2	2.776	2	0	2	-16.584	6	0.002	2
235		J	max	0.047	5	0.004	5	11.768	6	0.001	5	0	23	0	23
236			min	-0.07	7	0.001	2	2.776	2	0	2	0	1	0	1
237	M60	I	max	92.661	6	0	23	0.001	7	0	7	0	2	0	23
238			min	19.73	2	0	1	0	2	0	2	-0.001	7	0	1
239		J	max	92.159	6	0	23	0.001	7	0	7	0.005	7	0	23
240			min	19.73	2	0	1	0	2	0	2	0	2	0	1
241	M61	I	max	127.881	6	0	23	0	2	0	7	0	23	0	23
242			min	27.865	2	0	1	0	7	0	2	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
243		J	max	127.445	6	0	23	0	2	0	7	0	2	0	23
244			min	27.865	2	0	1	0	7	0	2	-0.001	7	0	1
245	M62	I	max	25.782	6	0	23	0.004	7	0	23	0	2	0	23
246			min	4.418	2	0	1	0	2	0	1	-0.01	7	0	1
247		J	max	25.627	6	0	23	0.004	7	0	23	0.03	7	0	23
248			min	4.418	2	0	1	0	2	0	1	0	2	0	1
249	M63	I	max	2.982	6	7.203	5	0	2	0	2	0	23	0	23
250			min	0.6	2	1.756	2	0	7	-0.001	7	0	1	0	1
251		J	max	2.982	6	-1.124	2	0	2	0	2	0	2	0.117	2
252			min	0.6	2	-4.44	6	0	7	-0.001	7	0	7	-0.353	4
253	M64	I	max	3.994	6	2.354	6	0	6	0.024	6	0	2	13.597	6
254			min	0.858	2	0.549	2	0	2	0.004	2	-0.001	6	3.169	2
255		J	max	3.855	6	2.354	6	0	6	0.024	6	0.002	7	-3.145	2
256			min	0.858	2	0.549	2	0	2	0.004	2	0	2	-13.472	6
257	M65	I	max	137.385	6	-0.001	23	0	2	0	5	0.139	7	-0.104	2
258			min	28.467	2	-0.006	6	-0.058	7	0	2	0	2	-0.428	6
259		J	max	137.013	6	-0.001	23	0	2	0	5	0.001	2	-0.075	2
260			min	28.467	2	-0.006	6	-0.058	7	0	2	-0.445	7	-0.364	6
261	M66	I	max	61.336	6	1.091	6	-0.015	2	0.018	5	0.519	6	11.786	6
262			min	11.583	2	0.242	2	-0.078	6	0.004	2	0.096	2	2.711	2
263		J	max	60.012	6	1.091	6	-0.015	2	0.018	5	-0.073	2	-0.075	2
264			min	11.583	2	0.242	2	-0.078	6	0.004	2	-0.38	6	-1.048	7
265	M68	I	max	52.127	6	0	23	0	2	0	23	0.004	7	0	23
266			min	10.618	2	0	1	-0.002	7	0	1	0	2	0	1
267		J	max	51.893	6	0	23	0	2	0	23	0	2	0	23
268			min	10.618	2	0	1	-0.002	7	0	1	-0.015	7	0	1
269	M69	I	max	28.096	6	-0.006	2	0	2	0	7	0	7	-0.028	2
270			min	6.73	2	-0.032	6	0	7	0	2	0	2	-0.163	6
271		J	max	28.011	6	-0.006	2	0	2	0	7	0	2	0.157	6
272			min	6.73	2	-0.032	6	0	7	0	2	-0.001	7	0.029	2
273	M70	I	max	255.472	6	0.304	6	0.244	7	0	2	-0.009	2	2.679	5
274			min	56.666	2	0.071	2	0.003	2	0	7	-0.665	7	0.624	2
275		J	max	254.81	6	0.304	6	0.244	7	0	2	2.136	7	-0.194	2
276			min	56.666	2	0.071	2	0.003	2	0	7	0.029	2	-0.824	6
277	M71	I	max	15.199	5	7.242	6	0	7	0	7	0	23	0	23
278			min	3.219	2	1.758	2	0	2	0	2	0	1	0	1
279		J	max	15.199	5	-1.122	2	0	7	0	7	0	7	0.105	2
280			min	3.219	2	-4.397	5	0	2	0	2	0	2	-0.542	4
281	M72	I	max	235.943	6	-0.036	2	0	2	0	6	0	23	0	23
282			min	51.71	2	-0.155	6	-0.004	7	0	2	0	1	0	1
283		J	max	235.139	6	-0.036	2	0	2	0	6	0	2	1.55	6
284			min	51.71	2	-0.155	6	-0.004	7	0	2	-0.043	7	0.356	2
285	M73	I	max	-0.12	2	19.98	6	0	23	-0.001	2	0	23	0	23
286			min	-0.508	5	4.695	2	0	1	-0.017	7	0	1	0	1
287		J	max	-0.12	2	-3.945	2	0	23	-0.001	2	0	23	0	23
288			min	-0.508	5	-16.868	5	0	1	-0.017	7	0	1	0	1
289	M74	I	max	200.496	6	0.172	6	0.016	7	0	6	0	2	1.55	6
290			min	43.135	2	0.04	2	0	2	0	2	-0.043	7	0.356	2
291		J	max	199.834	6	0.172	6	0.016	7	0	6	0.138	7	-0.104	2
292			min	43.135	2	0.04	2	0	2	0	2	0	2	-0.428	6
293	M75	I	max	72.139	6	-0.007	2	0.895	7	0	5	0.001	2	-0.075	2
294			min	13.245	2	-0.035	6	-0.001	2	0	2	-0.452	7	-0.364	6
295		J	max	71.747	6	-0.007	2	0.895	7	0	5	8.946	7	0	5
296			min	13.245	2	-0.035	6	-0.001	2	0	2	-0.013	2	0	2
297	M77	I	max	3.017	6	0.24	6	0	7	0	7	0	2	0.147	2
298			min	0.606	2	0.061	2	0	2	0	2	0	7	-0.226	4
299		J	max	3.017	6	0.061	2	0	7	0	7	0	7	-0.284	23
300			min	0.606	2	-0.079	4	0	2	0	2	0	2	-1.104	6

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
301	M78	I	max	291.187	6	-0.062	2	-0.001	2	0	2	0	23	0	23
302			min	65.337	2	-0.268	5	-0.066	7	0	7	0	1	0	1
303		J	max	290.382	6	-0.062	2	-0.001	2	0	2	-0.009	2	2.679	5
304			min	65.337	2	-0.268	5	-0.066	7	0	7	-0.664	7	0.624	2
305	M79	I	max	161.151	6	-0.017	2	-0.012	2	0	5	2.14	7	-0.194	2
306			min	34.641	2	-0.07	6	-0.9	7	0	2	0.029	2	-0.824	6
307		J	max	160.778	6	-0.017	2	-0.012	2	0	5	-0.093	2	-0.027	2
308			min	34.641	2	-0.07	6	-0.9	7	0	2	-6.856	7	-0.13	5
309	M80	I	max	65.98	6	5.53	7	0.012	5	0	7	-0.027	2	6.877	7
310			min	11.069	2	0.074	2	0.003	2	0	2	-0.13	5	0.093	2
311		J	max	65.589	6	5.53	7	0.012	5	0	7	0	5	-0.681	2
312			min	11.069	2	0.074	2	0.003	2	0	2	0	2	-51.188	7
313	M81	I	max	69.716	6	-0.272	2	0.052	6	-0.003	2	0	23	0	23
314			min	13.035	2	-1.18	6	0.01	2	-0.014	5	0	1	0	1
315		J	max	68.565	6	-0.272	2	0.052	6	-0.003	2	0.519	6	11.802	6
316			min	13.035	2	-1.18	6	0.01	2	-0.014	5	0.096	2	2.716	2
317	M83	I	max	14.777	5	3.164	6	0	2	-0.001	2	0.001	7	15.664	6
318			min	3.569	2	0.743	2	-0.001	7	-0.004	5	0	5	3.673	2
319		J	max	14.656	5	3.164	6	0	2	-0.001	2	0	2	-3.754	2
320			min	3.569	2	0.743	2	-0.001	7	-0.004	5	-0.006	7	-15.974	6
321	M84	I	max	8.627	6	-0.007	2	0	7	0	2	0	7	-0.047	2
322			min	1.41	2	-0.039	6	0	2	0	7	0	2	-0.256	6
323		J	max	8.529	6	-0.007	2	0	7	0	2	0	7	0.197	6
324			min	1.41	2	-0.039	6	0	2	0	7	0	2	0.034	2
325	M86	I	max	12.527	6	0.041	6	0	7	0	7	0	7	0.278	6
326			min	2.85	2	0.007	2	0	2	0	2	0	2	0.049	2
327		J	max	12.43	6	0.041	6	0	7	0	7	0.003	7	-0.027	2
328			min	2.85	2	0.007	2	0	2	0	2	0	2	-0.197	6
329	M87	I	max	24.489	6	-0.12	2	0.009	7	0	23	0.001	2	-1.255	2
330			min	4.03	2	-0.506	5	0	2	0	1	-0.013	7	-5.307	5
331		J	max	23.28	6	-0.12	2	0.009	7	0	23	0.087	7	0.004	4
332			min	4.03	2	-0.506	5	0	2	0	1	0.001	2	0	2
333	M88	I	max	3.003	6	4.217	5	0	2	0.012	7	0	7	-0.327	23
334			min	0.606	2	1.021	2	0	7	0	2	0	2	-1.183	6
335		J	max	3.003	6	-1.859	2	0	2	0.012	7	0	23	0	23
336			min	0.606	2	-7.421	6	0	7	0	2	0	1	0	1
337	M89	I	max	27.603	5	0.018	15	0	2	0	2	0.002	7	0.099	15
338			min	6.504	2	0	2	-0.001	7	0	7	0	2	0	2
339		J	max	27.519	5	0.018	15	0	2	0	2	0	2	-0.003	2
340			min	6.504	2	0	2	-0.001	7	0	7	-0.012	7	-0.085	8
341	M90	I	max	17.516	5	19.234	6	0	23	0	7	0	23	0	23
342			min	3.982	2	4.759	2	0	1	0	2	0	1	0	1
343		J	max	17.516	5	-6.761	2	0	23	0	7	0	23	0	23
344			min	3.982	2	-27.241	5	0	1	0	2	0	1	0	1
345	M91	I	max	17.779	5	7.476	6	0	7	0	2	0	23	0	23
346			min	4.055	2	1.818	2	0	2	0	7	0	1	0	1
347		J	max	17.779	5	-1.062	2	0	7	0	2	0	7	-0.183	2
348			min	4.055	2	-4.166	5	0	2	0	7	0	2	-1.444	6
349	M92	I	max	-0.12	2	-4.031	2	0	7	0.087	7	0	2	-5.712	2
350			min	-0.505	5	-22.757	6	0	2	0.001	2	0	7	-32.307	6
351		J	max	-0.12	2	-4.031	2	0	7	0.087	7	0	23	0	23
352			min	-0.505	5	-22.842	6	0	2	0.001	2	0	1	0	1
353	M93	I	max	2.449	5	0.298	6	0	2	0	7	0	7	-0.135	2
354			min	0.635	2	0.066	2	0	7	0	2	0	2	-1.184	6
355		J	max	2.449	5	0.093	6	0	2	0	7	0	2	-0.701	2
356			min	0.635	2	-0.024	4	0	7	0	2	0	7	-2.852	6
357	M94	I	max	19.106	5	3.833	5	0	2	0.001	7	0	7	-0.751	2
358			min	4.557	2	0.945	2	0	7	0	2	0	2	-3.134	6

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
359		J	max	19.106	5	-1.935	2	0	2	0.001	7	0	23	0	23
360			min	4.557	2	-7.823	6	0	7	0	2	0	1	0	1
361	M95	I	max	19.538	5	27.213	6	0	23	0	2	0	23	0	23
362			min	4.684	2	6.744	2	0	1	0	7	0	1	0	1
363		J	max	19.538	5	-4.776	2	0	23	0	2	0	23	0	23
364			min	4.684	2	-19.262	5	0	1	0	7	0	1	0	1
365	M96	I	max	-2.452	2	19.586	6	0	23	0	2	0	23	0	23
366			min	-10.799	6	4.759	2	0	1	-0.001	7	0	1	0	1
367		J	max	-2.452	2	-6.761	2	0	23	0	2	0	23	0	23
368			min	-10.799	6	-27.593	5	0	1	-0.001	7	0	1	0	1
369	M97	I	max	-1.448	2	0.268	6	0	1	0	2	0	7	0.167	2
370			min	-6.126	6	0.057	2	0	7	0	7	0	2	-0.249	4
371		J	max	-1.448	2	0.064	6	0	1	0	2	0	7	-0.323	2
372			min	-6.126	6	-0.042	4	0	7	0	7	0	2	-1.363	6
373	M98	I	max	-10.692	2	0.029	15	0	23	0	2	0	23	0	23
374			min	-48.94	5	0	2	0	1	0	7	0	1	0	1
375		J	max	-10.692	2	0	2	0	23	0	2	0	23	0	23
376			min	-48.838	5	-0.029	4	0	1	0	7	0	1	0	1
377	M99	I	max	15.237	5	5.222	5	0	7	0	2	0	2	-0.35	2
378			min	3.813	2	1.453	16	0	2	-0.003	7	-0.001	7	-1.649	6
379		J	max	15.237	5	-1.172	2	0	7	0	2	0	23	0	23
380			min	3.813	2	-6.43	6	0	2	-0.003	7	0	1	0	1
381	M100	I	max	22.364	5	27.213	6	0	23	0.001	7	0	23	0	23
382			min	5.556	2	6.744	2	0	1	0	2	0	1	0	1
383		J	max	22.364	5	-4.776	2	0	23	0.001	7	0	23	0	23
384			min	5.556	2	-19.262	5	0	1	0	2	0	1	0	1
385	M101	I	max	-8.046	2	19.586	6	0	23	0.006	7	0	23	0	23
386			min	-37.155	6	4.759	2	0	1	0	2	0	1	0	1
387		J	max	-8.046	2	-6.761	2	0	23	0.006	7	0	23	0	23
388			min	-37.155	6	-27.593	5	0	1	0	2	0	1	0	1
389	M102	I	max	23.498	6	0.098	4	0	23	0	7	0	23	0	23
390			min	4.934	2	0	2	0	1	0	2	0	1	0	1
391		J	max	23.375	6	0	2	0	23	0	7	0	23	0	23
392			min	4.934	2	-0.098	8	0	1	0	2	0	1	0	1
393	M103	I	max	4.112	5	27.213	6	0	23	0	2	0	23	0	23
394			min	0.98	2	6.744	2	0	1	-0.006	7	0	1	0	1
395		J	max	4.112	5	-4.776	2	0	23	0	2	0	23	0	23
396			min	0.98	2	-19.262	5	0	1	-0.006	7	0	1	0	1
397	M104	I	max	-0.119	2	13.92	6	0	2	0.087	7	0	23	0	23
398			min	-0.502	5	3.104	2	0	7	0.001	2	0	1	0	1
399		J	max	-0.119	2	-3.376	2	0	2	0.087	7	0	2	-5.709	2
400			min	-0.502	5	-13.941	5	0	7	0.001	2	0	7	-32.3	6
401	M105	I	max	13.979	6	0.065	4	0	23	0	2	0	23	0	23
402			min	3.007	2	0	2	0	1	0	7	0	1	0	1
403		J	max	13.885	6	0	2	0	23	0	2	0	23	0	23
404			min	3.007	2	-0.065	8	0	1	0	7	0	1	0	1
405	M106	I	max	38.14	6	0.475	5	0.037	6	0.002	5	-0.073	2	-0.062	2
406			min	6.716	2	0.119	2	0.007	2	0.001	2	-0.377	6	-1.004	7
407		J	max	36.989	6	0.475	5	0.037	6	0.002	5	0.002	2	-1.249	2
408			min	6.716	2	0.119	2	0.007	2	0.001	2	-0.013	7	-5.277	5
409	M107	I	max	-8.777	2	0.017	4	0	23	0	7	0	23	0	23
410			min	-39.665	6	0	2	0	1	0	2	0	1	0	1
411		J	max	-8.777	2	0	2	0	23	0	7	0	23	0	23
412			min	-39.594	6	-0.017	8	0	1	0	2	0	1	0	1
413	M108	I	max	-10.07	2	0.017	4	0	23	0	2	0	23	0	23
414			min	-43.044	6	0	2	0	1	0	7	0	1	0	1
415		J	max	-10.07	2	0	2	0	23	0	2	0	23	0	23
416			min	-43.115	6	-0.017	8	0	1	0	7	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
417	M109	I	max	-7.509	2	0.065	4	0	23	0	7	0	23	0	23
418			min	-31.545	5	0	2	0	1	0	2	0	1	0	1
419		J	max	-7.509	2	0	2	0	23	0	7	0	23	0	23
420			min	-31.451	5	-0.065	8	0	1	0	2	0	1	0	1
421	M110	I	max	-12.062	2	0.029	15	0	23	0.002	7	0	23	0	23
422			min	-48.948	5	0	2	0	1	0	2	0	1	0	1
423		J	max	-12.062	2	0	2	0	23	0.002	7	0	23	0	23
424			min	-49.05	5	-0.029	4	0	1	0	2	0	1	0	1
425	M111	I	max	-6.972	2	0.098	4	0	23	0	2	0	23	0	23
426			min	-28.047	5	0	2	0	1	-0.003	7	0	1	0	1
427		J	max	-6.972	2	0	2	0	23	0	2	0	23	0	23
428			min	-27.924	5	-0.098	8	0	1	-0.003	7	0	1	0	1
429	M113	I	max	-0.127	2	11.438	6	0	23	0	2	0	23	0	23
430			min	-0.533	5	2.687	2	0	1	-0.03	7	0	1	0	1
431		J	max	-0.127	2	-3.793	2	0	23	0	2	0	23	0	23
432			min	-0.533	5	-16.029	5	0	1	-0.03	7	0	1	0	1
433	M116	I	max	-0.512	2	0.017	6	9.532	6	0	2	-3.17	2	0.024	6
434			min	-2.225	6	0.003	2	2.237	2	-0.001	6	-13.599	6	0.004	2
435		J	max	-0.512	2	0.017	6	9.661	6	0	2	0	23	0	23
436			min	-2.225	6	0.003	2	2.237	2	-0.001	6	0	1	0	1
437	M117	I	max	0.647	6	-0.004	2	20.499	6	0	2	-6.818	2	-0.005	2
438			min	0.124	2	-0.02	6	4.812	2	-0.003	6	-29.138	6	-0.029	6
439		J	max	0.647	6	-0.004	2	20.628	6	0	2	0	23	0	23
440			min	0.124	2	-0.02	6	4.812	2	-0.003	6	0	1	0	1
441	M118	I	max	0.971	5	0.003	5	11.21	6	0.001	5	-3.754	2	0.004	5
442			min	0.238	2	0.001	2	2.649	2	0	7	-15.976	6	0.001	2
443		J	max	0.971	5	0.003	5	11.339	6	0.001	5	0	23	0	23
444			min	0.238	2	0.001	2	2.649	2	0	7	0	1	0	1
445	M119	I	max	59.745	6	0	23	0	2	0	2	0.002	7	0	23
446			min	12.587	2	0	1	-0.001	7	-0.002	7	0	2	0	1
447		J	max	59.243	6	0	23	0	2	0	2	0	2	0	23
448			min	12.587	2	0	1	-0.001	7	-0.002	7	-0.007	7	0	1
449	M120	I	max	-0.277	2	-0.17	2	0	7	0	7	0	5	-0.24	2
450			min	-1.127	5	-9.246	7	0	5	0	2	0	7	-13.161	7
451		J	max	-0.277	2	-0.17	2	0	7	0	7	0	23	0	23
452			min	-1.127	5	-9.33	7	0	5	0	2	0	1	0	1
453	M121	I	max	9.793	5	0.271	6	0	7	0	7	0	2	1.177	5
454			min	2.419	2	0.041	2	0	2	0	2	0	7	0.305	2
455		J	max	9.793	5	0.066	6	0	7	0	7	0	7	-0.047	2
456			min	2.419	2	-0.001	4	0	2	0	2	0	2	-0.317	7
457	M122	I	max	2.921	6	1.979	6	0	6	0.021	6	0	2	11.423	6
458			min	0.638	2	0.473	2	0	2	0.004	2	0	8	2.725	2
459		J	max	2.782	6	1.979	6	0	6	0.021	6	0.001	6	-2.709	2
460			min	0.638	2	0.473	2	0	2	0.004	2	0	2	-11.338	6
461	M123	I	max	31.602	6	0	23	0.002	7	0	2	0	2	0	23
462			min	6.151	2	0	1	0	2	0	7	-0.004	7	0	1
463		J	max	31.368	6	0	23	0.002	7	0	2	0.016	7	0	23
464			min	6.151	2	0	1	0	2	0	7	0	2	0	1
465	M124	I	max	186.678	6	0.144	5	0	2	0	2	0.031	7	1.951	5
466			min	42.4	2	0.035	2	-0.012	7	0	6	0	2	0.482	2
467		J	max	185.875	6	0.144	5	0	2	0	2	-0.001	2	0.294	5
468			min	42.4	2	0.035	2	-0.012	7	0	6	-0.107	7	0.075	2
469	M125	I	max	127.824	6	0.022	5	0	2	0.001	7	0.192	7	0.337	5
470			min	27.876	2	0.006	2	-0.075	7	0	2	0	2	0.092	2
471		J	max	127.021	6	0.022	5	0	2	0.001	7	0.001	2	0.084	6
472			min	27.876	2	0.006	2	-0.075	7	0	2	-0.671	7	0.02	2
473	M126	I	max	-6.748	2	0.023	15	0	23	0	7	0	23	0	23
474			min	-28.989	6	0	2	0	1	0	2	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
475		J	max	-6.748	2	0	2	0	23	0	7	0	23	0	23
476			min	-29.083	6	-0.023	4	0	1	0	2	0	1	0	1
477	M127	I	max	10.691	7	0	23	0.001	7	0	23	0	2	0	23
478			min	0.186	2	0	1	0	2	0	1	-0.006	7	0	1
479		J	max	10.536	7	0	23	0.001	7	0	23	0.002	7	0	23
480			min	0.186	2	0	1	0	2	0	1	0	2	0	1
481	M128	I	max	-0.277	2	5.41	7	0	5	0	7	0	23	0	23
482			min	-1.126	5	0.018	2	0	7	0	2	0	1	0	1
483		J	max	-0.277	2	0.018	2	0	5	0	7	0	5	-0.243	2
484			min	-1.126	5	-3.484	7	0	7	0	2	0	7	-13.162	7
485	M129	I	max	-2.277	2	7.819	5	0	2	0.003	7	0	23	0	23
486			min	-9.136	5	1.942	2	0	7	0	2	0	1	0	1
487		J	max	-2.277	2	-1.298	2	0	2	0.003	7	0	2	1.224	6
488			min	-9.136	5	-5.26	6	0	7	0	2	0	7	0.296	2
489	M130	I	max	74.211	6	0.052	6	0.292	7	0.001	7	0.001	2	0.084	6
490			min	15.218	2	0.012	2	0	2	0	2	-0.678	7	0.02	2
491		J	max	73.733	6	0.052	6	0.292	7	0.001	7	2.237	7	-0.105	2
492			min	15.218	2	0.012	2	0	2	0	2	-0.002	2	-0.436	6
493	M131	I	max	-7.627	2	0.029	15	0	23	0	2	0	23	0	23
494			min	-31.595	5	0	2	0	1	0	7	0	1	0	1
495		J	max	-7.627	2	0	2	0	23	0	2	0	23	0	23
496			min	-31.697	5	-0.029	4	0	1	0	7	0	1	0	1
497	M132	I	max	38.271	6	0.11	6	-0.013	2	0	23	0.465	6	7.668	5
498			min	6.718	2	0.022	2	-0.068	6	0	1	0.086	2	1.867	2
499		J	max	36.947	6	0.11	6	-0.013	2	0	23	-0.061	2	6.484	5
500			min	6.718	2	0.022	2	-0.068	6	0	1	-0.321	6	1.614	2
501	M134	I	max	18.59	6	0.025	5	0	7	0	2	0	2	0.131	5
502			min	4.425	2	0.007	2	0	2	0	7	0	7	0.039	2
503		J	max	18.506	6	0.025	5	0	7	0	2	0.003	7	-0.035	2
504			min	4.425	2	0.007	2	0	2	0	7	0	2	-0.12	5
505	M135	I	max	14.304	5	7.717	6	0	7	0	2	0	23	0	23
506			min	3.452	2	1.912	2	0	2	-0.001	7	0	1	0	1
507		J	max	14.304	5	-1.328	2	0	7	0	2	0.001	7	1.72	5
508			min	3.452	2	-5.362	5	0	2	-0.001	7	0	2	0.438	2
509	M136	I	max	-0.291	2	5.808	7	0	23	0	7	0	23	0	23
510			min	-1.184	5	0	2	0	1	0	2	0	1	0	1
511		J	max	-0.291	2	0	2	0	23	0	7	0	23	0	23
512			min	-1.184	5	-5.808	7	0	1	0	2	0	1	0	1
513	M137	I	max	21.068	7	-0.01	2	0	2	0	23	2.266	7	-0.105	2
514			min	0.195	2	-0.042	6	-0.216	7	0	1	-0.002	2	-0.436	6
515		J	max	20.677	7	-0.01	2	0	2	0	23	0	2	0	2
516			min	0.195	2	-0.042	6	-0.216	7	0	1	-0.002	7	0	4
517	M139	I	max	-2.284	2	0.152	15	0	7	0	7	0	2	1.102	6
518			min	-9.158	5	0.009	2	0	2	0	2	0	7	0.26	2
519		J	max	-2.284	2	0.009	2	0	7	0	7	0	7	0.758	6
520			min	-9.158	5	-0.092	4	0	2	0	2	0	2	0.18	2
521	M140	I	max	19.197	7	0	2	0.06	5	0	23	-0.155	2	-0.003	2
522			min	0.172	2	-0.032	7	0.015	2	0	1	-0.629	5	-0.337	7
523		J	max	18.806	7	0	2	0.06	5	0	23	0	6	0	3
524			min	0.172	2	-0.032	7	0.015	2	0	1	0	2	0	7
525	M141	I	max	47.904	6	-0.187	2	0.047	6	0	23	0	23	0	23
526			min	8.641	2	-0.768	5	0.009	2	0	1	0	1	0	1
527		J	max	46.752	6	-0.187	2	0.047	6	0	23	0.465	6	7.679	5
528			min	8.641	2	-0.768	5	0.009	2	0	1	0.086	2	1.87	2
529	M143	I	max	15.78	5	2.736	6	0	7	0	7	0	2	13.499	6
530			min	3.817	2	0.657	2	0	2	-0.002	5	-0.001	6	3.239	2
531		J	max	15.659	5	2.736	6	0	7	0	7	0	2	-3.333	2
532			min	3.817	2	0.657	2	0	2	-0.002	5	-0.001	5	-13.866	6

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
533	M144	I	max	7.408	6	0.013	5	0	2	0	7	0	2	0.065	5
534			min	1.628	2	0.004	16	0	7	0	2	0	7	0.016	16
535		J	max	7.311	6	0.013	5	0	2	0	7	0	2	-0.024	23
536			min	1.628	2	0.004	16	0	7	0	2	-0.001	7	-0.086	5
537	M146	I	max	8.63	6	-0.005	23	0	2	0	7	0	2	-0.02	23
538			min	1.903	2	-0.016	5	0	7	0	2	0	7	-0.075	5
539		J	max	8.533	6	-0.005	23	0	2	0	7	0	2	0.11	5
540			min	1.903	2	-0.016	5	0	7	0	2	0	7	0.033	16
541	M147	I	max	-8.71	2	0.13	15	0	23	0	7	0	23	0	23
542			min	-35.72	5	0	2	0	1	0	2	0	1	0	1
543		J	max	-8.71	2	0	2	0	23	0	7	0	23	0	23
544			min	-35.556	5	-0.13	4	0	1	0	2	0	1	0	1
545	M148	I	max	10.884	7	-0.277	2	0.003	5	0	23	-0.005	2	-2.9	2
546			min	0.17	2	-1.128	5	0	2	0	1	-0.029	5	-11.807	5
547		J	max	9.675	7	-0.277	2	0.003	5	0	23	0	7	0.033	6
548			min	0.17	2	-1.128	5	0	2	0	1	0	2	0.008	2
549	M149	I	max	-2.275	2	5.196	6	0	2	0	2	0	7	0.91	6
550			min	-9.125	5	1.283	2	0	7	-0.001	7	0	2	0.222	2
551		J	max	-2.275	2	-1.957	2	0	2	0	2	0	23	0	23
552			min	-9.125	5	-7.881	5	0	7	-0.001	7	0	1	0	1
553	M150	I	max	14.798	6	0.22	15	0	23	0	2	0	23	0	23
554			min	3.047	2	0	2	0	1	-0.003	7	0	1	0	1
555		J	max	14.523	6	0	2	0	23	0	2	0	23	0	23
556			min	3.047	2	-0.22	4	0	1	-0.003	7	0	1	0	1
557	M151	I	max	18.445	5	-0.008	2	0	7	0	2	0	2	-0.042	2
558			min	4.391	2	-0.03	5	0	2	0	7	0	7	-0.147	5
559		J	max	18.361	5	-0.008	2	0	7	0	2	0.001	7	0.149	6
560			min	4.391	2	-0.03	5	0	2	0	7	0	2	0.042	2
561	M152	I	max	1.789	5	21.613	6	0	23	0	2	0	23	0	23
562			min	0.148	7	5.354	2	0	1	0	7	0	1	0	1
563		J	max	1.789	5	-7.606	2	0	23	0	2	0	23	0	23
564			min	0.148	7	-30.622	5	0	1	0	7	0	1	0	1
565	M153	I	max	20.741	5	7.817	6	0	2	0	7	0	23	0	23
566			min	4.987	2	1.935	2	0	7	0	2	0	1	0	1
567		J	max	20.741	5	-1.305	2	0	2	0	7	0	2	1.247	5
568			min	4.987	2	-5.265	5	0	7	0	2	0	7	0.329	2
569	M154	I	max	20.983	5	4.973	5	0	7	0	2	0	5	-0.02	2
570			min	5.038	2	1.233	2	0	5	0	7	0	7	-0.278	7
571		J	max	20.983	5	-2.007	2	0	7	0	2	0	23	0	23
572			min	5.038	2	-8.111	6	0	5	0	7	0	1	0	1
573	M155	I	max	21.245	5	30.62	6	0	23	0	7	0	23	0	23
574			min	5.117	2	7.606	2	0	1	0	2	0	1	0	1
575		J	max	21.245	5	-5.354	2	0	23	0	7	0	23	0	23
576			min	5.117	2	-21.615	5	0	1	0	2	0	1	0	1
577	M156	I	max	-3.146	2	21.965	6	0	23	0.005	7	0	23	0	23
578			min	-15.544	6	5.354	2	0	1	0	2	0	1	0	1
579		J	max	-3.146	2	-7.606	2	0	23	0.005	7	0	23	0	23
580			min	-15.544	6	-30.974	5	0	1	0	2	0	1	0	1
581	M157	I	max	-0.075	2	0.219	6	0	2	0	2	0	7	1.499	5
582			min	-0.344	6	0.028	2	0	7	0	7	0	2	0.371	2
583		J	max	-0.075	2	0.028	2	0	2	0	2	0	2	0.522	5
584			min	-0.344	6	-0.037	4	0	7	0	7	0	7	0.134	2
585	M158	I	max	-8.084	2	0.029	15	0	23	0.001	7	0	23	0	23
586			min	-33.638	5	0	2	0	1	0	2	0	1	0	1
587		J	max	-8.084	2	0	2	0	23	0.001	7	0	23	0	23
588			min	-33.536	5	-0.029	4	0	1	0	2	0	1	0	1
589	M159	I	max	13.461	5	5.17	5	0	7	0	7	0	2	0.782	5
590			min	3.253	2	1.281	2	0	2	0	2	0	7	0.211	2

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
591		J	max	13.461	5	-1.959	2	0	7	0	7	0	23	0	23
592			min	3.253	2	-7.914	6	0	2	0	2	0	1	0	1
593	M160	I	max	26.265	5	30.62	6	0	23	0	2	0	23	0	23
594			min	6.414	2	7.606	2	0	1	0	7	0	1	0	1
595		J	max	26.265	5	-5.354	2	0	23	0	2	0	23	0	23
596			min	6.414	2	-21.615	5	0	1	0	7	0	1	0	1
597	M161	I	max	-8.244	2	21.965	6	0	23	0	2	0	23	0	23
598			min	-35.383	6	5.354	2	0	1	-0.023	7	0	1	0	1
599		J	max	-8.244	2	-7.606	2	0	23	0	2	0	23	0	23
600			min	-35.383	6	-30.974	5	0	1	-0.023	7	0	1	0	1
601	M162	I	max	5.672	5	30.62	6	0	23	0	7	0	23	0	23
602			min	1.386	2	7.606	2	0	1	0	2	0	1	0	1
603		J	max	5.672	5	-5.354	2	0	23	0	7	0	23	0	23
604			min	1.386	2	-21.615	5	0	1	0	2	0	1	0	1
605	M163	I	max	19.667	7	1.832	5	0.029	6	0	23	-0.061	2	6.499	5
606			min	2.518	2	0.452	2	0.006	2	0	1	-0.319	6	1.618	2
607		J	max	18.516	7	1.832	5	0.029	6	0	23	-0.005	2	-2.905	2
608			min	2.518	2	0.452	2	0.006	2	0	1	-0.028	5	-11.825	5
609	M164	I	max	-6.616	2	0.023	15	0	23	0	2	0	23	0	23
610			min	-28.429	6	0	2	0	1	0	7	0	1	0	1
611		J	max	-6.616	2	0	2	0	23	0	2	0	23	0	23
612			min	-28.336	6	-0.023	4	0	1	0	7	0	1	0	1
613	M165	I	max	-7.578	2	0.065	15	0	23	0	6	0	23	0	23
614			min	-31.534	6	0	2	0	1	0	2	0	1	0	1
615		J	max	-7.578	2	0	2	0	23	0	6	0	23	0	23
616			min	-31.44	6	-0.065	4	0	1	0	2	0	1	0	1
617	M167	I	max	-0.301	2	4.398	7	0	23	0	2	0	23	0	23
618			min	-1.224	5	0	2	0	1	-0.002	7	0	1	0	1
619		J	max	-0.301	2	0	2	0	23	0	2	0	23	0	23
620			min	-1.224	5	-4.398	7	0	1	-0.002	7	0	1	0	1
621	M170	I	max	-0.208	2	0.015	6	7.995	6	0	2	-2.725	2	0.021	6
622			min	-0.854	6	0.003	2	1.923	2	0	8	-11.42	6	0.004	2
623		J	max	-0.208	2	0.015	6	8.124	6	0	2	0	23	0	23
624			min	-0.854	6	0.003	2	1.923	2	0	8	0	1	0	1
625	M171	I	max	-0.43	2	-0.003	2	17.461	6	0	2	-5.948	2	-0.004	2
626			min	-1.726	5	-0.016	6	4.198	2	-0.003	6	-24.834	6	-0.022	6
627		J	max	-0.43	2	-0.003	2	17.59	6	0	2	0	23	0	23
628			min	-1.726	5	-0.016	6	4.198	2	-0.003	6	0	1	0	1
629	M172	I	max	2.952	5	0.001	5	9.719	6	0.002	5	-3.333	2	0.002	5
630			min	0.729	2	0	7	2.352	2	0	2	-13.863	6	0	7
631		J	max	2.952	5	0.001	5	9.848	6	0.002	5	0	23	0	23
632			min	0.729	2	0	7	2.352	2	0	2	0	1	0	1
633	M173	I	max	92.05	6	0	23	0	7	0	2	0	2	0	23
634			min	20.203	2	0	1	0	2	-0.001	7	0	7	0	1
635		J	max	91.613	6	0	23	0	7	0	2	0.001	7	0	23
636			min	20.203	2	0	1	0	2	-0.001	7	0	2	0	1
637	M174	I	max	21.838	6	0.22	15	0	23	0.001	7	0	23	0	23
638			min	4.897	2	0	2	0	1	0	2	0	1	0	1
639		J	max	21.521	6	0	2	0	23	0.001	7	0	23	0	23
640			min	4.897	2	-0.22	4	0	1	0	2	0	1	0	1
641	M175	I	max	166.33	6	-0.009	2	0.019	7	0.001	7	0	2	0	23
642			min	37.094	2	-0.034	5	0	2	0	2	0	7	0	1
643		J	max	165.526	6	-0.009	2	0.019	7	0.001	7	0.192	7	0.337	5
644			min	37.094	2	-0.034	5	0	2	0	2	0	2	0.092	2
645	M176	I	max	226.125	6	-0.048	2	0.003	7	0	2	0	23	0	23
646			min	52.007	2	-0.195	5	0	2	0	6	0	1	0	1
647		J	max	225.321	6	-0.048	2	0.003	7	0	2	0.031	7	1.951	5
648			min	52.007	2	-0.195	5	0	2	0	6	0	2	0.482	2

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
649	M177	I	max	100.23	6	0.092	5	0.044	7	0	4	-0.001	2	0.294	5
650			min	21.741	2	0.023	2	0	2	0	7	-0.107	7	0.075	2
651		J	max	99.81	6	0.092	5	0.044	7	0	4	0.336	7	-0.155	2
652			min	21.741	2	0.023	2	0	2	0	7	0.003	2	-0.629	5
653	M178	I	max	13.524	6	0.114	4	0	23	0	2	0	23	0	23
654			min	3.127	2	0	2	0	1	0	7	0	1	0	1
655		J	max	13.381	6	0	2	0	23	0	2	0	23	0	23
656			min	3.127	2	-0.114	8	0	1	0	7	0	1	0	1
657	M179	I	max	13.164	6	0.114	15	0	23	0	7	0	23	0	23
658			min	2.88	2	0	2	0	1	0	2	0	1	0	1
659		J	max	13.021	6	0	2	0	23	0	7	0	23	0	23
660			min	2.88	2	-0.114	4	0	1	0	2	0	1	0	1
661	M180	I	max	10.796	6	0.114	4	0	23	0	2	0	23	0	23
662			min	2.371	2	0	2	0	1	0	7	0	1	0	1
663		J	max	10.96	6	0	2	0	23	0	2	0	23	0	23
664			min	2.371	2	-0.114	8	0	1	0	7	0	1	0	1
665	M181	I	max	2.763	7	0	23	0	2	0	7	0	23	0	23
666			min	0.338	2	0	1	-0.098	8	0	2	0	1	0	1
667		J	max	2.886	7	0	23	0.098	4	0	7	0	23	0	23
668			min	0.338	2	0	1	0	2	0	2	0	1	0	1
669	M182	I	max	40.953	6	0	23	0	7	0	23	0	2	0	23
670			min	7.534	2	0	1	0	1	0	1	0	6	0	1
671		J	max	40.797	6	0	23	0	7	0	23	0	7	0	23
672			min	7.534	2	0	1	0	1	0	1	0	5	0	1
673	M183	I	max	0.464	7	8.252	6	0	2	0	2	0	23	0	23
674			min	-0.483	5	1.971	2	0	7	0	7	0	1	0	1
675		J	max	0.464	7	-1.269	2	0	2	0	2	0	2	0.155	2
676			min	-0.483	5	-4.825	5	0	7	0	7	0	7	-1.325	4
677	M184	I	max	70.415	6	0	23	0	5	0	23	0	2	0	23
678			min	14.508	2	0	1	0	2	0	1	0	6	0	1
679		J	max	70.251	6	0	23	0	5	0	23	0	5	0	23
680			min	14.508	2	0	1	0	2	0	1	0	2	0	1
681	M185	I	max	17.325	5	8.323	6	0	7	0	4	0	23	0	23
682			min	3.259	2	1.959	2	0	2	0	2	0	1	0	1
683		J	max	17.325	5	-1.281	2	0	7	0	4	0	7	0.213	2
684			min	3.259	2	-4.767	5	0	2	0	2	0	2	-1.762	4
685	M186	I	max	37.45	7	0.015	5	0	5	0	2	0	7	0.158	5
686			min	0.497	2	0.003	2	0	7	0	4	0	5	0.03	2
687		J	max	37.058	7	0.015	5	0	5	0	2	0.001	5	0	2
688			min	0.497	2	0.003	2	0	7	0	4	-0.001	7	0	6
689	M187	I	max	17.075	5	3.413	6	0	2	-0.001	2	0.001	6	16.899	6
690			min	4.119	2	0.801	2	0	5	-0.004	5	0	2	3.962	2
691		J	max	16.954	5	3.413	6	0	2	-0.001	2	0	2	-4.049	2
692			min	4.119	2	0.801	2	0	5	-0.004	5	-0.001	5	-17.232	6
693	M188	I	max	-0.134	2	5.882	7	0	23	0.001	7	0	23	0	23
694			min	-0.788	6	0	2	0	1	-0.001	5	0	1	0	1
695		J	max	-0.134	2	0	2	0	23	0.001	7	0	23	0	23
696			min	-0.788	6	-5.882	7	0	1	-0.001	5	0	1	0	1
697	M189	I	max	1.503	5	-0.018	2	0	2	0	2	0	4	-0.449	2
698			min	0.266	7	-0.281	8	0	4	0	6	0	2	-3.654	6
699		J	max	1.503	5	-0.018	2	0	2	0	2	0	6	0.017	4
700			min	0.266	7	-0.52	8	0	4	0	6	0	16	-0.485	6
701	M190	I	max	-0.219	2	0.057	2	0	2	0	5	0	7	0.219	2
702			min	-1.475	5	-0.139	4	0	7	0	7	0	2	-1.637	4
703		J	max	-0.219	2	0.057	2	0	2	0	5	0	2	0.574	4
704			min	-1.475	5	-0.378	4	0	7	0	7	0	7	-0.269	2
705	M191	I	max	-7.976	2	0.029	15	0	23	0	2	0	23	0	23
706			min	-43.188	5	0	2	0	1	0	4	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
707		J	max	-7.976	2	0	2	0	23	0	2	0	23	0	23
708			min	-43.085	5	-0.029	4	0	1	0	4	0	1	0	1
709	M193	I	max	52.413	6	1.016	5	-0.005	2	0	23	0.156	6	2.736	5
710			min	9.729	2	0.26	2	-0.023	6	0	1	0.03	2	0.761	2
711		J	max	51.262	6	1.016	5	-0.005	2	0	23	-0.02	2	-1.834	2
712			min	9.729	2	0.26	2	-0.023	6	0	1	-0.078	5	-7.426	5
713	M194	I	max	-0.174	2	26.487	6	-0.004	2	0	7	0	23	0	23
714			min	-0.705	5	6.086	2	-0.015	5	0	5	0	1	0	1
715		J	max	-0.174	2	-6.874	2	-0.004	2	0	7	-0.054	2	-9.74	2
716			min	-0.705	5	-28.329	5	-0.015	5	0	5	-0.211	5	-51.659	6
717	M195	I	max	-8.553	2	0.13	4	0	23	0	5	0	23	0	23
718			min	-34.495	5	0	2	0	1	0	7	0	1	0	1
719		J	max	-8.553	2	0	2	0	23	0	5	0	23	0	23
720			min	-34.332	5	-0.13	8	0	1	0	7	0	1	0	1
721	M196	I	max	129.342	6	0	23	0	23	0	23	0	23	0	23
722			min	28.456	2	0	1	0	1	0	1	0	1	0	1
723		J	max	128.905	6	0	23	0	23	0	23	0	5	0	23
724			min	28.456	2	0	1	0	1	0	1	0	7	0	1
725	M197	I	max	99.973	6	0	23	0	23	0	23	0	5	0	23
726			min	21.482	2	0	1	0	5	0	1	0	16	0	1
727		J	max	99.704	6	0	23	0	23	0	23	0	7	0	23
728			min	21.482	2	0	1	0	5	0	1	0	5	0	1
729	M198	I	max	13.183	7	0	23	0	23	0	23	0	5	0	23
730			min	0	2	0	1	0	5	0	1	0	7	0	1
731		J	max	13.028	7	0	23	0	23	0	23	0	5	0	23
732			min	0	2	0	1	0	5	0	1	0	7	0	1
733	M199	I	max	286.536	6	-0.025	2	0	2	0	2	0	23	0	23
734			min	59.432	2	-0.115	6	0	7	0	4	0	1	0	1
735		J	max	285.961	6	-0.025	2	0	2	0	2	0	2	1.153	6
736			min	59.432	2	-0.115	6	0	7	0	4	0	7	0.255	2
737	M200	I	max	246.572	6	0.141	6	0	7	0	2	0	2	1.153	6
738			min	49.729	2	0.032	2	0	2	0	4	0	7	0.255	2
739		J	max	246.088	6	0.141	6	0	7	0	2	0	7	-0.111	2
740			min	49.729	2	0.032	2	0	2	0	4	0	2	-0.47	6
741	M201	I	max	162.631	6	-0.008	2	0	2	0	2	0	7	-0.111	2
742			min	31.095	2	-0.028	6	0	7	0	4	0	2	-0.47	6
743		J	max	162.259	6	-0.008	2	0	2	0	2	0	2	-0.033	2
744			min	31.095	2	-0.028	6	0	7	0	4	0	7	-0.199	5
745	M202	I	max	84.529	6	-0.006	2	0	7	0	2	0	2	-0.033	2
746			min	14.343	2	-0.034	5	0	5	0	4	0	7	-0.199	5
747		J	max	84.138	6	-0.006	2	0	7	0	2	0	7	0.158	5
748			min	14.343	2	-0.034	5	0	5	0	4	0	5	0.03	2
749	M203	I	max	353.35	6	-0.064	2	0.001	5	0	6	0	23	0	23
750			min	79.555	2	-0.28	5	0	7	0	2	0	1	0	1
751		J	max	352.545	6	-0.064	2	0.001	5	0	6	0.006	5	2.795	5
752			min	79.555	2	-0.28	5	0	7	0	2	-0.001	7	0.635	2
753	M204	I	max	313.837	6	0.269	6	0	7	0	6	0.006	5	2.795	5
754			min	69.883	2	0.06	2	-0.002	5	0	2	-0.001	7	0.635	2
755		J	max	313.034	6	0.269	6	0	7	0	6	0.004	7	-0.06	2
756			min	69.883	2	0.06	2	-0.002	5	0	2	-0.021	5	-0.308	6
757	M205	I	max	201.563	6	0.039	5	0.009	5	0	5	0.004	7	-0.06	2
758			min	43.375	2	0.01	7	-0.002	7	0	16	-0.022	5	-0.308	6
759		J	max	201.142	6	0.039	5	0.009	5	0	5	0.068	5	-0.164	2
760			min	43.375	2	0.01	7	-0.002	7	0	16	-0.012	7	-0.67	5
761	M206	I	max	97.12	6	0.02	7	0.089	5	0	5	-0.164	2	0.012	7
762			min	17.909	2	-0.11	5	0.022	2	0	16	-0.67	5	-0.068	5
763		J	max	96.361	6	0.02	7	0.089	5	0	5	0.265	5	1.09	5
764			min	17.909	2	-0.11	5	0.022	2	0	16	0.068	2	-0.197	7

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
765	M207	I	max	39.189	7	0.037	2	-0.007	2	0.001	2	0.265	5	-0.14	2
766			min	2.052	2	-0.268	7	-0.025	5	-0.002	4	0.068	2	-0.772	6
767		J	max	38.43	7	0.037	2	-0.007	2	0.001	2	0	6	2.075	7
768			min	2.052	2	-0.268	7	-0.025	5	-0.002	4	0	2	-0.763	5
769	M208	I	max	4.116	6	2.532	6	0	2	-0.002	2	0	6	14.642	6
770			min	0.863	2	0.59	2	0	6	-0.013	6	0	2	3.412	2
771		J	max	3.977	6	2.532	6	0	2	-0.002	2	0	2	-3.378	2
772			min	0.863	2	0.59	2	0	6	-0.013	6	-0.001	6	-14.478	6
773	M209	I	max	13.829	6	-0.003	2	0	7	0	5	0	4	-0.029	2
774			min	1.71	2	-0.026	6	0	16	0	7	0	2	-0.193	6
775		J	max	13.732	6	-0.003	2	0	7	0	5	0	7	0.106	7
776			min	1.71	2	-0.026	6	0	16	0	7	0	16	0.01	2
777	M210	I	max	31.101	5	0.001	2	0	2	0	7	0	7	0.005	2
778			min	7.544	2	-0.004	4	0	7	0	5	0	2	-0.028	7
779		J	max	31.016	5	0.001	2	0	2	0	7	0	5	0.013	4
780			min	7.544	2	-0.004	4	0	7	0	5	0	7	-0.005	2
781	M211	I	max	18.129	6	0.052	6	0	7	0	7	0	7	0.332	6
782			min	3.986	2	0.007	2	0	5	0	2	0	5	0.051	2
783		J	max	18.032	6	0.052	6	0	7	0	7	0	7	-0.034	2
784			min	3.986	2	0.007	2	0	5	0	2	0	5	-0.262	6
785	M212	I	max	31.632	6	0.037	15	0	5	0	2	0	7	0.194	15
786			min	7.398	2	0.002	2	0	7	0	7	0	5	0.013	2
787		J	max	31.548	6	0.037	15	0	5	0	2	0	5	-0.011	2
788			min	7.398	2	0.002	2	0	7	0	7	0	7	-0.176	8
789	M213	I	max	19.84	5	21.613	6	0	23	0	7	0	23	0	23
790			min	4.294	2	5.354	2	0	1	0	2	0	1	0	1
791		J	max	19.84	5	-7.606	2	0	23	0	7	0	23	0	23
792			min	4.294	2	-30.622	5	0	1	0	2	0	1	0	1
793	M214	I	max	20.014	5	8.861	6	0	2	0	7	0	23	0	23
794			min	4.348	2	2.101	2	0	4	0	2	0	1	0	1
795		J	max	20.014	5	-1.139	2	0	2	0	7	0	2	-0.478	2
796			min	4.348	2	-4.239	5	0	4	0	2	0	4	-3.848	6
797	M215	I	max	22.409	5	4.847	5	0	7	0	7	0	2	-0.133	23
798			min	5.34	2	1.166	2	0	2	0	5	0	7	-0.82	6
799		J	max	22.409	5	-2.074	2	0	7	0	7	0	23	0	23
800			min	5.34	2	-8.237	6	0	2	0	5	0	1	0	1
801	M216	I	max	22.789	5	30.62	6	0	23	0	5	0	23	0	23
802			min	5.455	2	7.606	2	0	1	0	7	0	1	0	1
803		J	max	22.789	5	-5.354	2	0	23	0	5	0	23	0	23
804			min	5.455	2	-21.615	5	0	1	0	7	0	1	0	1
805	M217	I	max	-0.113	23	21.965	6	0	23	0	5	0	23	0	23
806			min	-1.362	7	5.354	2	0	1	0	7	0	1	0	1
807		J	max	-0.113	23	-7.606	2	0	23	0	5	0	23	0	23
808			min	-1.362	7	-30.974	5	0	1	0	7	0	1	0	1
809	M218	I	max	20.577	5	4.931	5	0	7	0	5	0	2	0.153	4
810			min	5.002	2	1.173	2	0	2	0	7	0	7	-0.405	6
811		J	max	20.577	5	-2.067	2	0	7	0	5	0	23	0	23
812			min	5.002	2	-8.151	6	0	2	0	7	0	1	0	1
813	M219	I	max	26.606	5	30.62	6	0	23	0	7	0	23	0	23
814			min	6.585	2	7.606	2	0	1	0	5	0	1	0	1
815		J	max	26.606	5	-5.354	2	0	23	0	7	0	23	0	23
816			min	6.585	2	-21.615	5	0	1	0	5	0	1	0	1
817	M220	I	max	-3.892	2	21.965	6	0	23	0	2	0	23	0	23
818			min	-19.31	5	5.354	2	0	1	0	5	0	1	0	1
819		J	max	-3.892	2	-7.606	2	0	23	0	2	0	23	0	23
820			min	-19.31	5	-30.974	5	0	1	0	5	0	1	0	1
821	M221	I	max	0.47	7	0.038	2	0	7	0	7	0	23	0.151	2
822			min	-0.477	5	-0.124	4	0	2	0	5	0	6	-1.311	4

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
823		J	max	0.47	7	0.038	2	0	7	0	7	0	7	0.764	4
824			min	-0.477	5	-0.362	4	0	2	0	5	0	2	-0.175	2
825	M222	I	max	0.438	7	5.057	6	0	7	0	7	0	2	0.59	4
826			min	-0.508	5	1.199	2	0	2	0	5	0	7	-0.186	2
827		J	max	0.438	7	-2.041	2	0	7	0	7	0	23	0	23
828			min	-0.508	5	-8.025	5	0	2	0	5	0	1	0	1
829	M223	I	max	5.092	5	30.62	6	0	23	0	5	0	23	0	23
830			min	1.234	2	7.606	2	0	1	0	7	0	1	0	1
831		J	max	5.092	5	-5.354	2	0	23	0	5	0	23	0	23
832			min	1.234	2	-21.615	5	0	1	0	7	0	1	0	1
833	M224	I	max	-9.847	2	0.023	4	0	23	0	2	0	23	0	23
834			min	-47.973	6	0	2	0	1	0	4	0	1	0	1
835		J	max	-9.847	2	0	2	0	23	0	2	0	23	0	23
836			min	-47.879	6	-0.023	8	0	1	0	4	0	1	0	1
837	M225	I	max	-12.387	2	0.023	4	0	23	0	5	0	23	0	23
838			min	-54.032	6	0	2	0	1	0	7	0	1	0	1
839		J	max	-12.387	2	0	2	0	23	0	5	0	23	0	23
840			min	-54.126	6	-0.023	8	0	1	0	7	0	1	0	1
841	M226	I	max	-8.429	2	0.065	15	0	23	0	2	0	23	0	23
842			min	-35.505	6	0	2	0	1	0	6	0	1	0	1
843		J	max	-8.429	2	0	2	0	23	0	2	0	23	0	23
844			min	-35.411	6	-0.065	4	0	1	0	6	0	1	0	1
845	M228	I	max	-11.969	2	0.029	4	0	23	0	7	0	23	0	23
846			min	-50.509	5	0	2	0	1	0	5	0	1	0	1
847		J	max	-11.969	2	0	2	0	23	0	7	0	23	0	23
848			min	-50.611	5	-0.029	8	0	1	0	5	0	1	0	1
849	M229	I	max	88.913	6	-0.252	2	-0.005	2	0	23	0	23	0	23
850			min	17.322	2	-1.122	6	-0.026	6	0	1	0	1	0	1
851		J	max	87.762	6	-0.252	2	-0.005	2	0	23	-0.052	2	11.218	6
852			min	17.322	2	-1.122	6	-0.026	6	0	1	-0.263	6	2.52	2
853	M230	I	max	76.633	6	0.755	6	0.037	6	0	23	-0.052	2	11.197	6
854			min	14.911	2	0.153	2	0.007	2	0	1	-0.263	6	2.516	2
855		J	max	75.309	6	0.755	6	0.037	6	0	23	0.158	6	2.719	5
856			min	14.911	2	0.153	2	0.007	2	0	1	0.03	2	0.758	2
857	M231	I	max	38.397	6	-0.174	2	0.007	5	0	23	-0.02	2	-1.829	2
858			min	6.874	2	-0.706	5	0.002	2	0	1	-0.078	5	-7.404	5
859		J	max	37.188	6	-0.174	2	0.007	5	0	23	0	7	0.005	5
860			min	6.874	2	-0.706	5	0.002	2	0	1	0	5	0.001	7
861	M232	I	max	13.386	7	0	2	0	5	0	23	0	23	0	23
862			min	0	2	0	5	0	7	0	1	0	1	0	1
863		J	max	13.267	7	0	2	0	5	0	23	0	5	0	5
864			min	0	2	0	5	0	7	0	1	0	7	0	2
865	M233	I	max	-0.211	2	22.589	6	0	23	0	5	0	23	0	23
866			min	-0.861	5	5.374	2	0	1	0	7	0	1	0	1
867		J	max	-0.211	2	-7.586	2	0	23	0	5	0	23	0	23
868			min	-0.861	5	-31.77	5	0	1	0	7	0	1	0	1
869	M234	I	max	-0.203	2	26.243	6	0	23	0	5	0	23	0	23
870			min	-0.815	5	6.26	2	0	1	0	7	0	1	0	1
871		J	max	-0.203	2	-5.26	2	0	23	0	5	0	23	0	23
872			min	-0.815	5	-22.093	5	0	1	0	7	0	1	0	1
873	M235	I	max	-0.174	2	-6.874	2	0.149	5	0	7	-0.054	2	-9.74	2
874			min	-0.705	5	-36.415	6	0.038	2	0	5	-0.211	5	-51.659	6
875		J	max	-0.174	2	-6.874	2	0.149	5	0	7	0	23	0	23
876			min	-0.705	5	-36.499	6	0.038	2	0	5	0	1	0	1
877	M236	I	max	0.057	4	4.019	7	0	23	0	7	0	23	0	23
878			min	-0.004	2	0	2	0	1	0	5	0	1	0	1
879		J	max	0.057	4	0	2	0	23	0	7	0	23	0	23
880			min	-0.004	2	-4.019	7	0	1	0	5	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
881	M237	I	max	0	7	4.093	7	0	23	0	5	0	23	0	23
882			min	0	2	0	2	0	1	0	7	0	1	0	1
883		J	max	0	7	0	2	0	23	0	5	0	23	0	23
884			min	0	2	-4.093	7	0	1	0	7	0	1	0	1
885	M238	I	max	-0.402	2	-0.002	2	10.271	6	0	6	-3.413	2	-0.002	2
886			min	-1.821	6	-0.009	6	2.408	2	0	2	-14.646	6	-0.013	6
887		J	max	-0.402	2	-0.002	2	10.4	6	0	6	0	23	0	23
888			min	-1.821	6	-0.009	6	2.408	2	0	2	0	1	0	1
889	M239	I	max	0.039	7	0.006	6	22.081	6	0.002	6	-7.341	2	0.009	6
890			min	-0.275	5	0.001	2	5.181	2	0	2	-31.381	6	0.002	2
891		J	max	0.039	7	0.006	6	22.21	6	0.002	6	0	23	0	23
892			min	-0.275	5	0.001	2	5.181	2	0	2	0	1	0	1
893	M240	I	max	1.703	5	0.003	5	12.099	6	0.001	5	-4.05	2	0.004	5
894			min	0.433	2	0.001	2	2.858	2	0	2	-17.236	6	0.001	2
895		J	max	1.703	5	0.003	5	12.228	6	0.001	5	0	23	0	23
896			min	0.433	2	0.001	2	2.858	2	0	2	0	1	0	1
897	M241	I	max	6.711	7	0	23	0	2	0	23	0	23	0	23
898			min	0	2	0	1	0	7	0	1	0	1	0	1
899		J	max	6.555	7	0	23	0	2	0	23	0	2	0	23
900			min	0	2	0	1	0	7	0	1	-0.001	7	0	1
901	M242	I	max	0	6	3.254	7	0	23	0	2	0	23	0	23
902			min	0	2	0	2	0	1	-0.017	7	0	1	0	1
903		J	max	0	6	0	2	0	23	0	2	0	23	0	23
904			min	0	2	-3.254	7	0	1	-0.017	7	0	1	0	1
905	M243	I	max	0	6	2.051	7	0	23	0.001	7	0	23	0	23
906			min	0	2	0	2	0	1	0	2	0	1	0	1
907		J	max	0	6	0	2	0	23	0.001	7	0	23	0	23
908			min	0	2	-2.051	7	0	1	0	2	0	1	0	1
909	M244	I	max	15.087	7	0	6	0.002	7	0	23	0	23	0	23
910			min	0	2	0	16	0	2	0	1	0	1	0	1
911		J	max	14.942	7	0	6	0.002	7	0	23	0.017	7	0	23
912			min	0	2	0	16	0	2	0	1	0	2	0	6
913	M245	I	max	15.161	7	0	6	0	2	0	23	0	23	0	23
914			min	0	2	0	4	-0.002	7	0	1	0	1	0	1
915		J	max	15.016	7	0	6	0	2	0	23	0	2	0	4
916			min	0	2	0	4	-0.002	7	0	1	-0.016	7	0	6
917	M246	I	max	6.831	7	0	2	0	2	0	23	0	23	0	23
918			min	0	2	0	6	0	7	0	1	0	1	0	1
919		J	max	6.712	7	0	2	0	2	0	23	0	2	0	6
920			min	0	2	0	6	0	7	0	1	0	7	0	2
921	M247	I	max	0	6	2.125	7	0	23	0	2	0	23	0	23
922			min	0	2	0	2	0	1	0	7	0	1	0	1
923		J	max	0	6	0	2	0	23	0	2	0	23	0	23
924			min	0	2	-2.125	7	0	1	0	7	0	1	0	1
925	M248	I	max	0	7	4.505	7	0	23	0	23	0	23	0	23
926			min	0	2	0	2	0	1	0	1	0	1	0	1
927		J	max	0	7	4.126	7	0	23	0	23	0	23	0	2
928			min	0	2	0	2	0	1	0	1	0	1	-38.838	7
929	M249	I	max	0.03	7	9.638	7	0	2	0	6	0	23	0	23
930			min	0	2	0	2	0	4	0	16	0	1	0	1
931		J	max	0.03	7	9.357	7	0	2	0	6	0	2	0	2
932			min	0	2	0	2	0	4	0	16	0	4	-85.48	7
933	M250	I	max	0.006	7	9.638	7	0	2	0	6	0	23	0	23
934			min	0	2	0	2	0	6	0	4	0	1	0	1
935		J	max	0.006	7	9.357	7	0	2	0	6	-0.001	2	0	2
936			min	0	2	0	2	0	6	0	4	-0.004	6	-85.475	7
937	M251	I	max	0	7	4.587	7	0	2	0	2	0	23	0	23
938			min	0	5	0	2	0	6	0	6	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
939		J	max	0	7	4.154	7	0	2	0	2	-0.001	2	0	2
940			min	0	5	0	2	0	6	0	6	-0.004	6	-39.334	7
941	M252	I	max	0.001	7	4.505	7	0	23	0	23	0	23	0	23
942			min	0	2	0	2	0	1	0	1	0	1	0	1
943		J	max	0.001	7	0	2	0	23	0	23	0	23	0	23
944			min	0	2	-4.505	7	0	1	0	1	0	1	0	1
945	M253	I	max	0.028	2	9.638	7	0	23	0	23	0	23	0	23
946			min	-0.318	7	0	2	0	1	0	6	0	1	0	1
947		J	max	0.028	2	0	2	0	23	0	23	0	23	0	23
948			min	-0.318	7	-9.638	7	0	1	0	6	0	1	0	1
949	M254	I	max	5.986	7	11.024	7	0.001	2	0	23	0.026	4	69.56	7
950			min	0.191	2	-0.006	2	-0.002	4	0	5	-0.012	2	-0.085	2
951		J	max	5.986	7	-0.006	2	0.001	2	0	23	0.016	2	36.53	7
952			min	0.191	2	-8.577	7	-0.002	4	0	5	-0.033	4	0.086	2
953	M255	I	max	0	7	4.587	7	0	23	0	5	0	23	0	23
954			min	0	2	0	2	0	1	0	2	0	1	0	1
955		J	max	0	7	0	2	0	23	0	5	0	23	0	23
956			min	0	2	-4.587	7	0	1	0	2	0	1	0	1
957	M256	I	max	0	2	5.05	6	0	23	0	23	0	23	0	23
958			min	-0.01	7	1.08	2	0	1	0	1	0	1	0	1
959		J	max	0	2	-1.08	2	0	23	0	23	0	23	0	23
960			min	-0.01	7	-5.05	5	0	1	0	1	0	1	0	1
961	M257	I	max	0	2	3.928	6	0	23	0	23	0	23	0	23
962			min	-0.007	7	0.84	2	0	1	0	1	0	1	0	1
963		J	max	0	2	-0.84	2	0	23	0	23	0	23	0	23
964			min	-0.007	7	-3.928	5	0	1	0	1	0	1	0	1
965	M258	I	max	0	2	12.897	7	0	23	0	23	0	23	0	23
966			min	-0.002	7	0.891	2	0	1	0	1	0	1	0	1
967		J	max	0	2	11.002	7	0	23	0	23	0	23	-3.906	2
968			min	-0.002	7	0.411	2	0	1	0	1	0	1	-71.696	7
969	M259	I	max	0	2	-0.036	7	0	23	0	23	0	23	-3.906	2
970			min	-0.002	7	-0.377	5	0	1	0	1	0	1	-71.704	7
971		J	max	0	2	-0.186	2	0	23	0	23	0	23	0	23
972			min	-0.002	7	-6.137	7	0	1	0	1	0	1	0	1
973	M260	I	max	0.001	2	4.734	5	0	5	0	2	0	23	0	23
974			min	-0.893	7	1.254	2	0	2	0	6	0	1	0	1
975		J	max	0.001	2	-2.106	2	0	5	0	2	0.003	5	63.555	7
976			min	-0.893	7	-10.156	6	0	2	0	6	0.001	2	8.945	2
977	M261	I	max	0.144	7	31.754	7	-0.001	2	0	4	0.003	5	72.515	7
978			min	0	2	2.651	2	-0.002	5	0	2	0.001	2	8.931	2
979		J	max	0.144	7	28.414	7	-0.001	2	0	4	-0.002	2	-4.096	2
980			min	0	2	1.691	2	-0.002	5	0	2	-0.01	5	-107.991	7
981	M262	I	max	0.174	7	1.721	7	0	5	0	4	-0.002	2	-4.096	2
982			min	0	2	-0.195	2	0	2	0	2	-0.01	5	-108	7
983		J	max	0.174	7	-0.195	2	0	5	0	4	0	23	0	23
984			min	0	2	-10.471	7	0	2	0	2	0	1	0	1
985	M263	I	max	-0.067	2	9.617	6	0	2	0	5	0.002	4	44.676	5
986			min	-9.942	7	2.21	2	0	4	0	2	0	2	10.301	2
987		J	max	-0.067	2	-2.11	2	0	2	0	5	0	2	38.514	5
988			min	-9.942	7	-9.157	5	0	4	0	2	-0.004	8	8.938	2
989	M264	I	max	-0.073	2	5.435	5	0	5	0	2	0	23	13.935	5
990			min	-5.522	7	1.382	7	0	16	0	5	-0.003	5	-7.161	7
991		J	max	-0.073	2	-1.74	2	0	5	0	2	0.006	5	78.307	7
992			min	-5.522	7	-9.874	6	0	16	0	5	0.002	2	6.881	2
993	M265	I	max	0.022	7	32.443	7	-0.001	2	0	2	0.006	5	129.599	7
994			min	0	2	2.28	2	-0.003	5	0	6	0.002	2	7.563	2
995		J	max	0.022	7	29.328	7	-0.001	2	0	2	-0.003	2	-3.235	2
996			min	0	2	1.32	2	-0.003	5	0	6	-0.011	5	-55.715	7

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
997	M266	I	max	0.027	7	3.82	7	0.001	5	0	2	-0.003	2	-3.234	2
998			min	0	2	-0.154	2	0	2	0	6	-0.011	5	-55.684	7
999		J	max	0.027	7	-0.154	2	0.001	5	0	2	0	23	0	23
1000			min	0	2	-7.588	7	0	2	0	6	0	1	0	1
1001	M267	I	max	0	2	11.87	7	-0.001	2	0.009	5	0	23	0	23
1002			min	0	7	0.656	2	-0.003	5	0.001	7	0	1	0	1
1003		J	max	0	2	11.617	7	-0.001	2	0.009	5	-0.004	2	-3.934	2
1004			min	0	7	0.656	2	-0.003	5	0.001	7	-0.018	5	-70.461	7
1005	M268	I	max	0	7	-0.187	2	0.001	5	0.009	5	-0.004	2	-3.934	2
1006			min	0	5	-0.633	5	0	2	0.001	7	-0.018	5	-70.475	7
1007		J	max	0	7	-0.187	2	0.001	5	0.009	5	0	23	0	23
1008			min	0	5	-5.766	7	0	2	0.001	7	0	1	0	1
1009	M269	I	max	0.005	7	3.662	6	0	23	0	23	0	23	0	23
1010			min	0	2	0.81	2	0	1	0	1	0	1	0	1
1011		J	max	0.005	7	-0.81	2	0	23	0	23	0	23	0	23
1012			min	0	2	-3.662	5	0	1	0	1	0	1	0	1
1013	M270	I	max	0.004	7	2.848	6	0	23	0	23	0	23	0	23
1014			min	0	2	0.63	2	0	1	0	1	0	1	0	1
1015		J	max	0.004	7	-0.63	2	0	23	0	23	0	23	0	23
1016			min	0	2	-2.848	5	0	1	0	1	0	1	0	1
1017	M271	I	max	0	2	3.662	6	0	23	0	23	0	23	0	23
1018			min	-0.001	7	0.81	2	0	1	0	1	0	1	0	1
1019		J	max	0	2	-0.81	2	0	23	0	23	0	23	0	23
1020			min	-0.001	7	-3.662	5	0	1	0	1	0	1	0	1
1021	M272	I	max	0.009	5	3.662	6	0	23	0.001	7	0	23	0	23
1022			min	0.003	2	0.81	2	0	1	0	2	0	1	0	1
1023		J	max	0.009	5	-0.81	2	0	23	0.001	7	0	23	0	23
1024			min	0.003	2	-3.662	5	0	1	0	2	0	1	0	1
1025	M273	I	max	0.005	5	2.848	6	0	23	0.001	5	0	23	0	23
1026			min	0.001	16	0.63	2	0	1	0	2	0	1	0	1
1027		J	max	0.005	5	-0.63	2	0	23	0.001	5	0	23	0	23
1028			min	0.001	16	-2.848	5	0	1	0	2	0	1	0	1
1029	M274	I	max	0.001	5	3.662	6	0	23	0.003	6	0	23	0	23
1030			min	0	7	0.81	2	0	1	0.001	2	0	1	0	1
1031		J	max	0.001	5	-0.81	2	0	23	0.003	6	0	23	0	23
1032			min	0	7	-3.662	5	0	1	0.001	2	0	1	0	1
1033	M275	I	max	0	2	13.119	6	0	23	0.002	6	0	23	0	23
1034			min	-0.001	7	3.119	2	0	1	0	2	0	1	0	1
1035		J	max	0	2	-3.119	2	0	23	0.002	6	0	23	0	23
1036			min	-0.001	7	-13.119	5	0	1	0	2	0	1	0	1
1037	M276	I	max	0	2	10.204	6	0	23	0	7	0	23	0	23
1038			min	0	7	2.425	2	0	1	0	2	0	1	0	1
1039		J	max	0	2	-2.425	2	0	23	0	7	0	23	0	23
1040			min	0	7	-10.204	5	0	1	0	2	0	1	0	1
1041	M277	I	max	0	2	13.119	6	0	23	-0.001	2	0	23	0	23
1042			min	0	7	3.119	2	0	1	-0.003	6	0	1	0	1
1043		J	max	0	2	-3.119	2	0	23	-0.001	2	0	23	0	23
1044			min	0	7	-13.119	5	0	1	-0.003	6	0	1	0	1
1045	M278	I	max	0.001	7	13.119	6	0	23	0.001	5	0	23	0	23
1046			min	0	2	3.119	2	0	1	0	2	0	1	0	1
1047		J	max	0.001	7	-3.119	2	0	23	0.001	5	0	23	0	23
1048			min	0	2	-13.119	5	0	1	0	2	0	1	0	1
1049	M279	I	max	0.001	7	10.204	6	0	23	0	4	0	23	0	23
1050			min	0	2	2.425	2	0	1	-0.001	5	0	1	0	1
1051		J	max	0.001	7	-2.425	2	0	23	0	4	0	23	0	23
1052			min	0	2	-10.204	5	0	1	-0.001	5	0	1	0	1
1053	M280	I	max	0	2	13.119	6	0	23	0.003	5	0	23	0	23
1054			min	0	7	3.119	2	0	1	0.001	2	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1055		J	max	0	2	-3.119	2	0	23	0.003	5	0	23	0	23
1056			min	0	7	-13.119	5	0	1	0.001	2	0	1	0	1
1057	M281	I	max	0.003	7	3.662	6	0	23	0	23	0	23	0	23
1058			min	0	2	0.81	2	0	1	0	1	0	1	0	1
1059		J	max	0.003	7	-0.81	2	0	23	0	23	0	23	0	23
1060			min	0	2	-3.662	5	0	1	0	1	0	1	0	1
1061	M282	I	max	0	7	2.848	6	0	23	0	23	0	23	0	23
1062			min	0	16	0.63	2	0	1	0	1	0	1	0	1
1063		J	max	0	7	-0.63	2	0	23	0	23	0	23	0	23
1064			min	0	16	-2.848	5	0	1	0	1	0	1	0	1
1065	M283	I	max	0.003	7	3.662	6	0	23	0	23	0	23	0	23
1066			min	0	2	0.81	2	0	1	0	1	0	1	0	1
1067		J	max	0.003	7	-0.81	2	0	23	0	23	0	23	0	23
1068			min	0	2	-3.662	5	0	1	0	1	0	1	0	1
1069	M284	I	max	-0.004	2	3.662	6	0	23	0.001	7	0	23	0	23
1070			min	-0.022	6	0.81	2	0	1	0	2	0	1	0	1
1071		J	max	-0.004	2	-0.81	2	0	23	0.001	7	0	23	0	23
1072			min	-0.022	6	-3.662	5	0	1	0	2	0	1	0	1
1073	M285	I	max	-0.007	2	2.848	6	0	23	0.001	5	0	23	0	23
1074			min	-0.037	6	0.63	2	0	1	0	2	0	1	0	1
1075		J	max	-0.007	2	-0.63	2	0	23	0.001	5	0	23	0	23
1076			min	-0.037	6	-2.848	5	0	1	0	2	0	1	0	1
1077	M286	I	max	-0.003	2	3.662	6	0	23	0.003	6	0	23	0	23
1078			min	-0.016	6	0.81	2	0	1	0.001	2	0	1	0	1
1079		J	max	-0.003	2	-0.81	2	0	23	0.003	6	0	23	0	23
1080			min	-0.016	6	-3.662	5	0	1	0.001	2	0	1	0	1
1081	M287	I	max	0	7	9.484	15	0	23	0.002	5	0	23	0	23
1082			min	0	2	0	2	0	1	0	2	0	1	0	1
1083		J	max	0	7	0	2	0	23	0.002	5	0	23	0	23
1084			min	0	2	-9.484	4	0	1	0	2	0	1	0	1
1085	M288	I	max	0	2	7.377	15	0	23	0	7	0	23	0	23
1086			min	0	7	0	2	0	1	0	5	0	1	0	1
1087		J	max	0	2	0	2	0	23	0	7	0	23	0	23
1088			min	0	7	-7.377	4	0	1	0	5	0	1	0	1
1089	M289	I	max	0	7	13.119	6	0	23	-0.001	2	0	23	0	23
1090			min	0	2	3.119	2	0	1	-0.004	6	0	1	0	1
1091		J	max	0	7	-3.119	2	0	23	-0.001	2	0	23	0	23
1092			min	0	2	-13.119	5	0	1	-0.004	6	0	1	0	1
1093	M290	I	max	0	2	13.119	6	0	23	0	7	0	23	0	23
1094			min	-0.001	7	3.119	2	0	1	0	2	0	1	0	1
1095		J	max	0	2	-3.119	2	0	23	0	7	0	23	0	23
1096			min	-0.001	7	-13.119	5	0	1	0	2	0	1	0	1
1097	M291	I	max	0	2	10.204	6	0	23	0.001	5	0	23	0	23
1098			min	-0.001	7	2.425	2	0	1	0	2	0	1	0	1
1099		J	max	0	2	-2.425	2	0	23	0.001	5	0	23	0	23
1100			min	-0.001	7	-10.204	5	0	1	0	2	0	1	0	1
1101	M292	I	max	0	7	13.119	6	0	23	0.003	6	0	23	0	23
1102			min	0	2	3.119	2	0	1	0.001	2	0	1	0	1
1103		J	max	0	7	-3.119	2	0	23	0.003	6	0	23	0	23
1104			min	0	2	-13.119	5	0	1	0.001	2	0	1	0	1
1105	M293	I	max	0	2	3.662	6	0	23	0	23	0	23	0	23
1106			min	-0.001	7	0.81	2	0	1	0	1	0	1	0	1
1107		J	max	0	2	-0.81	2	0	23	0	23	0	23	0	23
1108			min	-0.001	7	-3.662	5	0	1	0	1	0	1	0	1
1109	M294	I	max	0	23	2.848	6	0	23	0	23	0	23	0	23
1110			min	0	7	0.63	2	0	1	0	1	0	1	0	1
1111		J	max	0	23	-0.63	2	0	23	0	23	0	23	0	23
1112			min	0	7	-2.848	5	0	1	0	1	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1113	M295	I	max	0	2	3.662	6	0	23	0	23	0	23	0	23
1114			min	-0.001	7	0.81	2	0	1	0	1	0	1	0	1
1115		J	max	0	2	-0.81	2	0	23	0	23	0	23	0	23
1116			min	-0.001	7	-3.662	5	0	1	0	1	0	1	0	1
1117	M296	I	max	0.013	6	3.662	6	0	23	0.001	7	0	23	0	23
1118			min	0.002	2	0.81	2	0	1	0	2	0	1	0	1
1119		J	max	0.013	6	-0.81	2	0	23	0.001	7	0	23	0	23
1120			min	0.002	2	-3.662	5	0	1	0	2	0	1	0	1
1121	M297	I	max	0.033	6	2.848	6	0	23	0.001	5	0	23	0	23
1122			min	0.006	2	0.63	2	0	1	0	2	0	1	0	1
1123		J	max	0.033	6	-0.63	2	0	23	0.001	5	0	23	0	23
1124			min	0.006	2	-2.848	5	0	1	0	2	0	1	0	1
1125	M298	I	max	0.015	6	3.662	6	0	23	0.003	6	0	23	0	23
1126			min	0.003	2	0.81	2	0	1	0.001	2	0	1	0	1
1127		J	max	0.015	6	-0.81	2	0	23	0.003	6	0	23	0	23
1128			min	0.003	2	-3.662	5	0	1	0.001	2	0	1	0	1
1129	M299	I	max	0	2	13.119	6	0	23	0.001	5	0	23	0	23
1130			min	0	7	3.119	2	0	1	0	2	0	1	0	1
1131		J	max	0	2	-3.119	2	0	23	0.001	5	0	23	0	23
1132			min	0	7	-13.119	5	0	1	0	2	0	1	0	1
1133	M300	I	max	0	2	10.204	6	0	23	0	2	0	23	0	23
1134			min	0	7	2.425	2	0	1	-0.001	5	0	1	0	1
1135		J	max	0	2	-2.425	2	0	23	0	2	0	23	0	23
1136			min	0	7	-10.204	5	0	1	-0.001	5	0	1	0	1
1137	M301	I	max	0	2	13.119	6	0	23	-0.001	2	0	23	0	23
1138			min	0	7	3.119	2	0	1	-0.005	6	0	1	0	1
1139		J	max	0	2	-3.119	2	0	23	-0.001	2	0	23	0	23
1140			min	0	7	-13.119	5	0	1	-0.005	6	0	1	0	1
1141	M302	I	max	0	7	13.119	6	0	23	0	7	0	23	0	23
1142			min	0	2	3.119	2	0	1	0	5	0	1	0	1
1143		J	max	0	7	-3.119	2	0	23	0	7	0	23	0	23
1144			min	0	2	-13.119	5	0	1	0	5	0	1	0	1
1145	M303	I	max	0	7	10.204	6	0	23	0.001	15	0	23	0	23
1146			min	0	2	2.425	2	0	1	0	2	0	1	0	1
1147		J	max	0	7	-2.425	2	0	23	0.001	15	0	23	0	23
1148			min	0	2	-10.204	5	0	1	0	2	0	1	0	1
1149	M304	I	max	0	2	13.119	6	0	23	0.005	6	0	23	0	23
1150			min	0	7	3.119	2	0	1	0.001	2	0	1	0	1
1151		J	max	0	2	-3.119	2	0	23	0.005	6	0	23	0	23
1152			min	0	7	-13.119	5	0	1	0.001	2	0	1	0	1
1153	M305	I	max	-0.024	2	0	23	0	2	-0.003	2	0	23	0	23
1154			min	-0.127	6	0	1	-0.397	4	-0.011	6	0	1	0	1
1155		J	max	-0.024	2	0	23	0.397	15	-0.003	2	0	23	0	23
1156			min	-0.127	6	0	1	0	2	-0.011	6	0	1	0	1
1157	M306	I	max	5.233	6	0	23	0	2	0	7	0	23	0	23
1158			min	1.038	2	0	1	-0.309	4	-0.003	5	0	1	0	1
1159		J	max	5.233	6	0	23	0.309	15	0	7	0	23	0	23
1160			min	1.038	2	0	1	0	2	-0.003	5	0	1	0	1
1161	M307	I	max	-0.231	2	0	23	0	2	0.017	5	0	23	0	23
1162			min	-1.127	6	0	1	-0.397	4	0.004	2	0	1	0	1
1163		J	max	-0.231	2	0	23	0.397	15	0.017	5	0	23	0	23
1164			min	-1.127	6	0	1	0	2	0.004	2	0	1	0	1
1165	M308	I	max	0.112	6	0	23	0	2	0.015	6	0	23	0	23
1166			min	0.021	2	0	1	-0.397	4	0.004	2	0	1	0	1
1167		J	max	0.112	6	0	23	0.397	15	0.015	6	0	23	0	23
1168			min	0.021	2	0	1	0	2	0.004	2	0	1	0	1
1169	M309	I	max	-0.016	2	0	7	0.004	2	0.059	5	0	23	0	23
1170			min	-0.471	8	0	5	-0.1	4	0.014	2	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1171		J	max	-0.016	2	0	7	0.212	15	0.059	5	0.601	15	0	5
1172			min	-0.471	8	0	5	0.004	2	0.014	2	0.046	2	-0.001	7
1173	M310	I	max	0.078	2	0	7	-0.004	2	-0.003	2	0.601	15	0.002	7
1174			min	-0.128	4	0	2	-0.212	8	-0.014	5	0.046	2	0	2
1175		J	max	0.078	2	0	7	0.1	4	-0.003	2	0	23	0	23
1176			min	-0.128	4	0	2	-0.004	2	-0.014	5	0	1	0	1
1177	M311	I	max	0.04	4	0	23	0	2	-0.006	2	0	23	0	23
1178			min	-0.008	2	0	1	-0.397	4	-0.026	5	0	1	0	1
1179		J	max	0.04	4	0	23	0.397	15	-0.006	2	0	23	0	23
1180			min	-0.008	2	0	1	0	2	-0.026	5	0	1	0	1
1181	M312	I	max	-0.006	2	0	23	0	2	0.018	6	0	23	0	23
1182			min	-0.028	6	0	1	-0.397	4	0.005	2	0	1	0	1
1183		J	max	-0.006	2	0	23	0.397	15	0.018	6	0	23	0	23
1184			min	-0.028	6	0	1	0	2	0.005	2	0	1	0	1
1185	M313	I	max	-0.054	2	0	2	0.002	2	-0.003	2	0	23	0	23
1186			min	-0.627	8	0	5	-0.11	4	-0.014	6	0	1	0	1
1187		J	max	-0.054	2	0	2	0.2	15	-0.003	2	0.478	15	0.001	5
1188			min	-0.627	8	0	5	0.002	2	-0.014	6	0.019	2	0	2
1189	M314	I	max	0.069	2	0	6	-0.002	2	0.02	5	0.478	15	0.001	6
1190			min	-0.214	4	0	2	-0.2	8	0.005	2	0.019	2	0	2
1191		J	max	0.069	2	0	6	0.11	4	0.02	5	0	23	0	23
1192			min	-0.214	4	0	2	-0.002	2	0.005	2	0	1	0	1
1193	M315	I	max	0.206	5	0	23	0	2	-0.005	2	0	23	0	23
1194			min	0.041	2	0	1	-0.397	4	-0.019	5	0	1	0	1
1195		J	max	0.206	5	0	23	0.397	15	-0.005	2	0	23	0	23
1196			min	0.041	2	0	1	0	2	-0.019	5	0	1	0	1
1197	M316	I	max	0	2	0	23	0	2	-0.008	2	0	23	0	23
1198			min	-0.003	5	0	1	-0.397	4	-0.033	6	0	1	0	1
1199		J	max	0	2	0	23	0.397	15	-0.008	2	0	23	0	23
1200			min	-0.003	5	0	1	0	2	-0.033	6	0	1	0	1
1201	M317	I	max	0	2	0	2	0.001	2	-0.008	2	0	23	0	23
1202			min	-0.011	7	0	5	-0.112	4	-0.036	5	0	1	0	1
1203		J	max	0	2	0	2	0.197	15	-0.008	2	0.451	15	0	5
1204			min	-0.011	7	0	5	0.001	2	-0.036	5	0.013	2	0	2
1205	M318	I	max	0.302	5	0	2	-0.001	2	-0.007	2	0.451	15	0	2
1206			min	0.078	2	0	5	-0.197	8	-0.033	6	0.013	2	0	5
1207		J	max	0.302	5	0	2	0.112	4	-0.007	2	0	23	0	23
1208			min	0.078	2	0	5	-0.001	2	-0.033	6	0	1	0	1
1209	M319	I	max	0.293	5	0	23	0	2	0.027	5	0	23	0	23
1210			min	0.075	2	0	1	-0.397	4	0.007	2	0	1	0	1
1211		J	max	0.293	5	0	23	0.397	15	0.027	5	0	23	0	23
1212			min	0.075	2	0	1	0	2	0.007	2	0	1	0	1
1213	M320	I	max	7.913	6	0.514	15	0	23	-0.002	2	0	23	0	23
1214			min	1.419	2	0	2	0	1	-0.014	6	0	1	0	1
1215		J	max	7.26	6	0	2	0	23	-0.002	2	0	23	0	23
1216			min	1.419	2	-0.514	4	0	1	-0.014	6	0	1	0	1
1217	M321	I	max	8.624	6	0.515	15	0	23	0.014	5	0	23	0	23
1218			min	1.563	2	0	2	0	1	0.003	2	0	1	0	1
1219		J	max	7.97	6	0	2	0	23	0.014	5	0	23	0	23
1220			min	1.563	2	-0.514	4	0	1	0.003	2	0	1	0	1
1221	M322	I	max	1.121	15	0.178	4	0	23	-0.012	2	0	23	0	23
1222			min	0.076	2	0	2	0	1	-0.055	6	0	1	0	1
1223		J	max	0.732	15	0	2	0	23	-0.012	2	0	23	0	23
1224			min	0.076	2	-0.178	8	0	1	-0.055	6	0	1	0	1
1225	M323	I	max	0.583	4	0.178	4	0	23	0.053	5	0	23	0	23
1226			min	-0.064	2	0	2	0	1	0.012	2	0	1	0	1
1227		J	max	0.194	4	0	2	0	23	0.053	5	0	23	0	23
1228			min	-0.064	2	-0.178	8	0	1	0.012	2	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1229	M324	I	max	1.122	15	0.178	15	0	23	0.023	6	0	23	0	23
1230			min	0.088	2	0	2	0	1	0.005	2	0	1	0	1
1231		J	max	0.784	15	0	2	0	23	0.023	6	0	23	0	23
1232			min	0.088	2	-0.178	4	0	1	0.005	2	0	1	0	1
1233	M325	I	max	0.546	4	0.178	15	0	23	-0.005	2	0	23	0	23
1234			min	-0.082	2	0	2	0	1	-0.023	6	0	1	0	1
1235		J	max	0.207	4	0	2	0	23	-0.005	2	0	23	0	23
1236			min	-0.082	2	-0.178	4	0	1	-0.023	6	0	1	0	1
1237	M326	I	max	0.989	15	0.178	15	0	23	0.003	5	0	23	0	23
1238			min	0.057	2	0	2	0	1	0.001	2	0	1	0	1
1239		J	max	0.634	15	0	2	0	23	0.003	5	0	23	0	23
1240			min	0.057	2	-0.178	4	0	1	0.001	2	0	1	0	1
1241	M327	I	max	0.659	4	0.178	15	0	23	0	7	0	23	0	23
1242			min	-0.054	2	0	2	0	1	-0.002	5	0	1	0	1
1243		J	max	0.304	4	0	2	0	23	0	7	0	23	0	23
1244			min	-0.054	2	-0.178	4	0	1	-0.002	5	0	1	0	1
1245	M328	I	max	0	7	0.221	4	0	23	0	23	0	23	0	2
1246			min	0	2	0	2	0	1	0	1	0	1	-38.838	7
1247		J	max	0	7	0	2	0	23	0	23	0	23	0	23
1248			min	0	2	-4.505	7	0	1	0	1	0	1	0	1
1249	M329	I	max	0.03	7	0.164	4	0	4	0	6	0	2	0	2
1250			min	0	2	0	2	0	2	0	16	0	4	-85.48	7
1251		J	max	0.03	7	0	2	0	4	0	6	0	23	0	23
1252			min	0	2	-9.638	7	0	2	0	16	0	1	0	1
1253	M330	I	max	0.006	7	0.164	4	0	6	0	6	-0.001	2	0	2
1254			min	0	2	0	2	0	2	0	4	-0.004	6	-85.475	7
1255		J	max	0.006	7	0	2	0	6	0	6	0	23	0	23
1256			min	0	2	-9.638	7	0	2	0	4	0	1	0	1
1257	M331	I	max	0	7	0.253	15	0	6	0	2	-0.001	2	0	2
1258			min	0	5	0	2	0	2	0	6	-0.004	6	-39.334	7
1259		J	max	0	7	0	2	0	6	0	2	0	23	0	23
1260			min	0	5	-4.587	7	0	2	0	6	0	1	0	1
1261	M332	I	max	-0.002	2	4.327	7	0	23	0	2	0	23	0	23
1262			min	-0.01	5	0.597	2	0	1	-0.008	7	0	1	0	1
1263		J	max	-0.002	2	-0.843	2	0	23	0	2	0	23	0	23
1264			min	-0.01	5	-5.077	7	0	1	-0.008	7	0	1	0	1
1265	M333	I	max	-0.002	2	6.528	7	0	23	-0.001	2	0	23	0	23
1266			min	-0.007	5	1.043	2	0	1	-0.017	7	0	1	0	1
1267		J	max	-0.002	2	-0.877	2	0	23	-0.001	2	0	23	0	23
1268			min	-0.007	5	-6.02	7	0	1	-0.017	7	0	1	0	1
1269	M334	I	max	-0.001	2	4.326	7	0	23	0.014	7	0	23	0	23
1270			min	-0.004	5	0.597	2	0	1	0	2	0	1	0	1
1271		J	max	-0.001	2	-0.843	2	0	23	0.014	7	0	23	0	23
1272			min	-0.004	5	-5.077	7	0	1	0	2	0	1	0	1
1273	M335	I	max	68.996	6	1.437	5	0.078	5	0	2	-0.142	2	2.021	5
1274			min	13.436	2	0.366	2	0.019	2	0	5	-0.579	5	0.515	2
1275		J	max	68.605	6	1.437	5	0.078	5	0	2	0.241	5	-3.331	2
1276			min	13.436	2	0.366	2	0.019	2	0	5	0.06	2	-13.067	5
1277	M336	I	max	18.153	5	0.044	6	0	2	0	7	0	7	0.207	5
1278			min	4.392	2	0.012	2	0	6	0	2	0	2	0.058	2
1279		J	max	18.068	5	0.044	6	0	2	0	7	0	2	-0.063	2
1280			min	4.392	2	0.012	2	0	6	0	2	0	5	-0.238	6
1281	M337	I	max	84.783	6	0	23	0	2	0	23	0	7	0	23
1282			min	18.782	2	0	1	0	7	0	1	0	2	0	1
1283		J	max	84.514	6	0	23	0	2	0	23	0	2	0	23
1284			min	18.782	2	0	1	0	7	0	1	0	7	0	1
1285	M338	I	max	67.946	6	0.651	6	0.003	5	0	23	-0.002	2	10.923	6
1286			min	13.853	2	0.141	2	0.001	2	0	1	-0.006	5	2.551	2

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1287		J	max	66.622	6	0.651	6	0.003	5	0	23	0.024	5	3.549	5
1288			min	13.853	2	0.141	2	0.001	2	0	1	0.006	2	0.927	2
1289	M339	I	max	2.255	5	0	2	10.319	6	0	6	-3.518	2	0	2
1290			min	0.565	2	0	5	2.483	2	0	2	-14.714	6	0	5
1291		J	max	2.255	5	0	2	10.448	6	0	6	0	23	0	23
1292			min	0.565	2	0	5	2.483	2	0	2	0	1	0	1
1293	M340	I	max	19.524	5	5.229	5	0	2	0	5	0	5	1.067	5
1294			min	4.695	2	1.277	2	0	5	0	2	0	2	0.189	2
1295		J	max	19.524	5	-1.963	2	0	2	0	5	0	23	0	23
1296			min	4.695	2	-7.849	6	0	5	0	2	0	1	0	1
1297	M341	I	max	58.887	6	0	23	0	7	0	23	0	2	0	23
1298			min	12.618	2	0	1	0	2	0	1	0	7	0	1
1299		J	max	58.723	6	0	23	0	7	0	23	0	7	0	23
1300			min	12.618	2	0	1	0	2	0	1	0	2	0	1
1301	M342	I	max	-7.853	2	0.023	15	0	23	0	2	0	23	0	23
1302			min	-34.007	6	0	2	0	1	0	5	0	1	0	1
1303		J	max	-7.853	2	0	2	0	23	0	2	0	23	0	23
1304			min	-34.101	6	-0.023	4	0	1	0	5	0	1	0	1
1305	M343	I	max	13.54	5	5.354	5	0	6	0	2	0	2	1.677	5
1306			min	3.298	2	1.3	2	0	2	-0.001	5	0	6	0.305	2
1307		J	max	13.54	5	-1.94	2	0	6	0	2	0	23	0	23
1308			min	3.298	2	-7.723	6	0	2	-0.001	5	0	1	0	1
1309	M344	I	max	18.459	7	4.211	7	-0.006	2	0	4	0.241	5	20.022	6
1310			min	0.071	2	0.475	2	-0.023	5	0	2	0.06	2	3.696	2
1311		J	max	18.067	7	4.211	7	-0.006	2	0	4	0	2	-1.294	2
1312			min	0.071	2	0.475	2	-0.023	5	0	2	0	6	-25.496	7
1313	M345	I	max	-2.029	2	5.47	6	0	7	0.003	5	0	2	2.239	6
1314			min	-7.637	5	1.325	2	0	2	0.001	2	0	7	0.423	2
1315		J	max	-2.029	2	-1.915	2	0	7	0.003	5	0	23	0	23
1316			min	-7.637	5	-7.612	5	0	2	0.001	2	0	1	0	1
1317	M346	I	max	1.055	6	-0.018	2	0	2	0	2	0	7	0.125	2
1318			min	0.285	16	-0.153	6	0	7	0	5	0	2	-0.704	4
1319		J	max	1.055	6	-0.018	2	0	2	0	2	0	5	1.728	6
1320			min	0.285	16	-0.387	8	0	7	0	5	0	7	0.283	2
1321	M347	I	max	-6.815	2	0.029	15	0	23	0.001	5	0	23	0	23
1322			min	-28.629	5	0	2	0	1	0	2	0	1	0	1
1323		J	max	-6.815	2	0	2	0	23	0.001	5	0	23	0	23
1324			min	-28.731	5	-0.029	4	0	1	0	2	0	1	0	1
1325	M348	I	max	-0.231	2	-6.873	2	0.126	5	0.022	5	-0.046	2	-9.74	2
1326			min	-0.935	5	-33.789	6	0.032	2	0.006	2	-0.178	5	-47.938	6
1327		J	max	-0.231	2	-6.873	2	0.126	5	0.022	5	0	23	0	23
1328			min	-0.935	5	-33.873	6	0.032	2	0.006	2	0	1	0	1
1329	M349	I	max	19.941	5	30.62	6	0	23	0	2	0	23	0	23
1330			min	4.818	2	7.606	2	0	1	0	5	0	1	0	1
1331		J	max	19.941	5	-5.354	2	0	23	0	2	0	23	0	23
1332			min	4.818	2	-21.615	5	0	1	0	5	0	1	0	1
1333	M350	I	max	33.09	6	0	23	0	23	0	23	0	2	0	23
1334			min	6.454	2	0	1	0	7	0	1	0	7	0	1
1335		J	max	32.935	6	0	23	0	23	0	23	0	2	0	23
1336			min	6.454	2	0	1	0	7	0	1	0	7	0	1
1337	M351	I	max	-2.023	2	7.984	6	0	2	0	7	0	23	0	23
1338			min	-7.605	5	1.945	2	0	7	0	2	0	1	0	1
1339		J	max	-2.023	2	-1.295	2	0	2	0	7	0	2	0.42	5
1340			min	-7.605	5	-5.095	5	0	7	0	2	0	7	-0.031	4
1341	M352	I	max	19.003	6	0.001	4	0	2	0	2	0	5	0.019	4
1342			min	4.463	2	-0.007	5	0	5	0	6	0	2	-0.022	2
1343		J	max	18.919	6	0.001	4	0	2	0	2	-0.001	2	0.049	5
1344			min	4.463	2	-0.007	5	0	5	0	6	-0.003	5	0.002	16

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1345	M353	I	max	19.93	7	0.013	5	0.004	7	0	23	0	2	0.139	5
1346			min	0	2	0.003	2	0	2	0	1	-0.009	7	0.029	2
1347		J	max	19.538	7	0.013	5	0.004	7	0	23	0.032	7	0	5
1348			min	0	2	0.003	2	0	2	0	1	-0.001	2	0	2
1349	M354	I	max	0.023	5	5.882	7	0	23	0.001	2	0	23	0	23
1350			min	0.006	2	0	2	0	1	-0.032	7	0	1	0	1
1351		J	max	0.023	5	0	2	0	23	0.001	2	0	23	0	23
1352			min	0.006	2	-5.882	7	0	1	-0.032	7	0	1	0	1
1353	M355	I	max	6.363	5	-0.066	2	0	2	0	5	0	5	-0.359	2
1354			min	1.64	2	-0.312	6	0	5	0	2	0	2	-2.359	6
1355		J	max	6.363	5	-0.066	2	0	2	0	5	0	2	1.185	6
1356			min	1.64	2	-0.517	6	0	5	0	2	0	5	0.202	2
1357	M356	I	max	-4.375	2	0.029	4	0	23	0	7	0	23	0	23
1358			min	-23.366	5	0	2	0	1	0	2	0	1	0	1
1359		J	max	-4.375	2	0	2	0	23	0	7	0	23	0	23
1360			min	-23.263	5	-0.029	8	0	1	0	2	0	1	0	1
1361	M357	I	max	47.323	6	1.338	5	-0.003	2	0	23	0.024	5	3.558	5
1362			min	9.354	2	0.335	2	-0.012	5	0	1	0.006	2	0.93	2
1363		J	max	46.172	6	1.338	5	-0.003	2	0	23	-0.025	2	-2.423	2
1364			min	9.354	2	0.335	2	-0.012	5	0	1	-0.097	5	-9.824	5
1365	M358	I	max	-0.231	2	26.214	6	-0.003	2	0.022	5	0	23	0	23
1366			min	-0.935	5	6.086	2	-0.013	5	0.006	2	0	1	0	1
1367		J	max	-0.231	2	-6.874	2	-0.003	2	0.022	5	-0.046	2	-9.74	2
1368			min	-0.935	5	-28.529	5	-0.013	5	0.006	2	-0.178	5	-47.938	6
1369	M359	I	max	-7.8	2	0.13	15	0	23	0	2	0	23	0	23
1370			min	-31.559	5	0	2	0	1	-0.001	5	0	1	0	1
1371		J	max	-7.8	2	0	2	0	23	0	2	0	23	0	23
1372			min	-31.395	5	-0.13	4	0	1	-0.001	5	0	1	0	1
1373	M360	I	max	-0.265	2	22.589	6	0	23	0	7	0	23	0	23
1374			min	-1.069	5	5.374	2	0	1	0	2	0	1	0	1
1375		J	max	-0.265	2	-7.586	2	0	23	0	7	0	23	0	23
1376			min	-1.069	5	-31.77	5	0	1	0	2	0	1	0	1
1377	M361	I	max	110.492	6	0	23	0	7	0	23	0	23	0	23
1378			min	24.946	2	0	1	0	2	0	1	0	1	0	1
1379		J	max	110.055	6	0	23	0	7	0	23	0	7	0	23
1380			min	24.946	2	0	1	0	2	0	1	0	2	0	1
1381	M362	I	max	8.679	7	0	23	0	2	0	23	0	7	0	23
1382			min	0	2	0	1	0	7	0	1	0	2	0	1
1383		J	max	8.523	7	0	23	0	2	0	23	0	7	0	23
1384			min	0	2	0	1	0	7	0	1	0	2	0	1
1385	M363	I	max	237.817	6	-0.024	2	0	7	0	2	0	23	0	23
1386			min	52.516	2	-0.103	6	0	2	0	7	0	1	0	1
1387		J	max	237.241	6	-0.024	2	0	7	0	2	0	7	1.033	6
1388			min	52.516	2	-0.103	6	0	2	0	7	0	2	0.238	2
1389	M364	I	max	198.131	6	0.125	6	0	2	0	2	0	7	1.033	6
1390			min	42.84	2	0.029	2	0	7	0	7	0	2	0.238	2
1391		J	max	197.647	6	0.125	6	0	2	0	2	0	2	-0.097	2
1392			min	42.84	2	0.029	2	0	7	0	7	-0.001	7	-0.409	6
1393	M365	I	max	130.547	6	-0.006	2	0	7	0	2	0	2	-0.097	2
1394			min	27.333	2	-0.023	6	0	2	0	7	-0.001	7	-0.409	6
1395		J	max	130.174	6	-0.006	2	0	7	0	2	0.002	7	-0.038	2
1396			min	27.333	2	-0.023	6	0	2	0	7	0	2	-0.187	5
1397	M366	I	max	70.424	6	-0.006	2	0	2	0	23	0.002	7	-0.038	2
1398			min	13.846	2	-0.031	5	-0.001	7	0	1	0	2	-0.187	5
1399		J	max	70.032	6	-0.006	2	0	2	0	23	0.001	2	0.139	5
1400			min	13.846	2	-0.031	5	-0.001	7	0	1	-0.007	7	0.029	2
1401	M367	I	max	281.718	6	-0.068	2	-0.005	2	0	5	0	23	0	23
1402			min	64.855	2	-0.288	5	-0.018	5	0	2	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1403		J	max	280.914	6	-0.068	2	-0.005	2	0	5	-0.047	2	2.878	5
1404			min	64.855	2	-0.288	5	-0.018	5	0	2	-0.183	5	0.679	2
1405	M368	I	max	242.541	6	0.267	6	0.072	5	0	5	-0.047	2	2.878	5
1406			min	55.292	2	0.062	2	0.018	2	0	2	-0.184	5	0.679	2
1407		J	max	241.738	6	0.267	6	0.072	5	0	5	0.641	5	-0.039	2
1408			min	55.292	2	0.062	2	0.018	2	0	2	0.163	2	-0.195	6
1409	M369	I	max	151.914	6	0.04	5	-0.068	2	0	5	0.642	5	-0.039	2
1410			min	33.696	2	0.01	2	-0.266	5	0	2	0.164	2	-0.195	6
1411		J	max	151.494	6	0.04	5	-0.068	2	0	5	-0.514	2	-0.142	2
1412			min	33.696	2	0.01	2	-0.266	5	0	2	-2.015	5	-0.579	5
1413	M370	I	max	10.546	6	0.01	5	0	7	0	2	0	5	0.023	5
1414			min	1.72	2	0.002	16	0	2	0	7	0	2	-0.008	7
1415		J	max	10.449	6	0.01	5	0	7	0	2	0	6	-0.024	23
1416			min	1.72	2	0.002	16	0	2	0	7	0	2	-0.093	5
1417	M371	I	max	12.406	6	0.018	7	0	5	0	6	0	5	0.126	6
1418			min	2.771	2	0.001	2	0	2	0	2	0	2	0.013	2
1419		J	max	12.309	6	0.018	7	0	5	0	6	0.001	5	0	2
1420			min	2.771	2	0.001	2	0	2	0	2	0	2	-0.083	7
1421	M372	I	max	17.909	5	21.613	6	0	23	0	2	0	23	0	23
1422			min	4.094	2	5.354	2	0	1	0	7	0	1	0	1
1423		J	max	17.909	5	-7.606	2	0	23	0	2	0	23	0	23
1424			min	4.094	2	-30.622	5	0	1	0	7	0	1	0	1
1425	M373	I	max	18.077	5	8.55	6	0	5	0	7	0	23	0	23
1426			min	4.144	2	2.073	2	0	7	0	2	0	1	0	1
1427		J	max	18.077	5	-1.167	2	0	5	0	7	0	5	-0.342	2
1428			min	4.144	2	-4.545	5	0	7	0	2	0	7	-2.336	6
1429	M374	I	max	-0.025	23	21.965	6	0	23	0	7	0	23	0	23
1430			min	-0.753	7	5.354	2	0	1	0	2	0	1	0	1
1431		J	max	-0.025	23	-7.606	2	0	23	0	7	0	23	0	23
1432			min	-0.753	7	-30.974	5	0	1	0	2	0	1	0	1
1433	M375	I	max	23.944	5	30.62	6	0	23	0	5	0	23	0	23
1434			min	5.917	2	7.606	2	0	1	0	2	0	1	0	1
1435		J	max	23.944	5	-5.354	2	0	23	0	5	0	23	0	23
1436			min	5.917	2	-21.615	5	0	1	0	2	0	1	0	1
1437	M376	I	max	-3.933	2	21.965	6	0	23	0	2	0	23	0	23
1438			min	-17.781	5	5.354	2	0	1	0	7	0	1	0	1
1439		J	max	-3.933	2	-7.606	2	0	23	0	2	0	23	0	23
1440			min	-17.781	5	-30.974	5	0	1	0	7	0	1	0	1
1441	M377	I	max	-2.035	2	-0.021	2	0	6	0	5	0	7	0.216	2
1442			min	-7.647	5	-0.134	6	0	2	0	2	0	2	-0.192	4
1443		J	max	-2.035	2	-0.021	2	0	6	0	5	0	6	2.189	6
1444			min	-7.647	5	-0.363	8	0	2	0	2	0	2	0.394	2
1445	M378	I	max	5.153	5	30.62	6	0	23	0	2	0	23	0	23
1446			min	1.261	2	7.606	2	0	1	-0.002	5	0	1	0	1
1447		J	max	5.153	5	-5.354	2	0	23	0	2	0	23	0	23
1448			min	1.261	2	-21.615	5	0	1	-0.002	5	0	1	0	1
1449	M379	I	max	-6.451	2	0.023	15	0	23	0	5	0	23	0	23
1450			min	-30.433	6	0	2	0	1	0	7	0	1	0	1
1451		J	max	-6.451	2	0	2	0	23	0	5	0	23	0	23
1452			min	-30.339	6	-0.023	4	0	1	0	7	0	1	0	1
1453	M380	I	max	-7.482	2	0.065	4	0	23	0	5	0	23	0	23
1454			min	-31.143	6	0	2	0	1	0	2	0	1	0	1
1455		J	max	-7.482	2	0	2	0	23	0	5	0	23	0	23
1456			min	-31.049	6	-0.065	8	0	1	0	2	0	1	0	1
1457	M381	I	max	78.344	6	-0.255	2	0	2	0	23	0	23	0	23
1458			min	15.945	2	-1.092	6	-0.001	5	0	1	0	1	0	1
1459		J	max	77.193	6	-0.255	2	0	2	0	23	-0.002	2	10.919	6
1460			min	15.945	2	-1.092	6	-0.001	5	0	1	-0.006	5	2.551	2

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1461	M382	I	max	35.434	6	-0.231	2	0.011	5	0	23	-0.025	2	-2.423	2
1462			min	6.874	2	-0.938	5	0.003	2	0	1	-0.097	5	-9.827	5
1463		J	max	34.225	6	-0.231	2	0.011	5	0	23	0.022	5	0.022	6
1464			min	6.874	2	-0.938	5	0.003	2	0	1	0.006	2	0.005	2
1465	M383	I	max	8.799	7	0	2	0	7	0	23	0	23	0	23
1466			min	0	2	0	6	0	2	0	1	0	1	0	1
1467		J	max	8.68	7	0	2	0	7	0	23	0.004	7	0	6
1468			min	0	2	0	6	0	2	0	1	0	2	0	2
1469	M384	I	max	-0.256	2	26.243	6	0	23	-0.001	2	0	23	0	23
1470			min	-1.028	5	6.26	2	0	1	-0.004	5	0	1	0	1
1471		J	max	-0.256	2	-5.26	2	0	23	-0.001	2	0	23	0	23
1472			min	-1.028	5	-22.093	5	0	1	-0.004	5	0	1	0	1
1473	M385	I	max	0.036	5	4.019	7	0	23	0	2	0	23	0	23
1474			min	0.008	2	0	2	0	1	0	7	0	1	0	1
1475		J	max	0.036	5	0	2	0	23	0	2	0	23	0	23
1476			min	0.008	2	-4.019	7	0	1	0	7	0	1	0	1
1477	M386	I	max	0	7	4.093	7	0	23	0.004	7	0	23	0	23
1478			min	0	2	0	2	0	1	0	2	0	1	0	1
1479		J	max	0	7	0	2	0	23	0.004	7	0	23	0	23
1480			min	0	2	-4.093	7	0	1	0	2	0	1	0	1
1481	M387	I	max	-0.394	2	0	5	8.739	6	0	2	-2.962	2	0	5
1482			min	-1.694	6	0	2	2.09	2	0	5	-12.475	6	0	2
1483		J	max	-0.394	2	0	5	8.869	6	0	2	0	23	0	23
1484			min	-1.694	6	0	2	2.09	2	0	5	0	1	0	1
1485	M388	I	max	-0.194	2	0	2	18.816	6	0	2	-6.374	2	0	2
1486			min	-0.692	5	0	5	4.498	2	0	5	-26.753	6	-0.001	5
1487		J	max	-0.194	2	0	2	18.945	6	0	2	0	23	0	23
1488			min	-0.692	5	0	5	4.498	2	0	5	0	1	0	1
1489	M389	I	max	0	23	4.505	7	0	23	0	23	0	23	0	23
1490			min	0	1	0	2	0	1	0	1	0	1	0	1
1491		J	max	0	23	0	2	0	23	0	23	0	23	0	23
1492			min	0	1	-4.505	7	0	1	0	1	0	1	0	1
1493	M390	I	max	0	23	5.05	6	0	23	0	23	0	23	0	23
1494			min	0	1	1.08	2	0	1	0	1	0	1	0	1
1495		J	max	0	23	-1.08	2	0	23	0	23	0	23	0	23
1496			min	0	1	-5.05	5	0	1	0	1	0	1	0	1
1497	M391	I	max	0	23	3.662	6	0	23	0	23	0	23	0	23
1498			min	0	1	0.81	2	0	1	0	1	0	1	0	1
1499		J	max	0	23	-0.81	2	0	23	0	23	0	23	0	23
1500			min	0	1	-3.662	5	0	1	0	1	0	1	0	1
1501	M392	I	max	0	23	3.662	6	0	23	0	23	0	23	0	23
1502			min	0	1	0.81	2	0	1	0	1	0	1	0	1
1503		J	max	0	23	-0.81	2	0	23	0	23	0	23	0	23
1504			min	0	1	-3.662	5	0	1	0	1	0	1	0	1
1505	M393	I	max	0	23	3.662	6	0	23	0	23	0	23	0	23
1506			min	0	1	0.81	2	0	1	0	1	0	1	0	1
1507		J	max	0	23	-0.81	2	0	23	0	23	0	23	0	23
1508			min	0	1	-3.662	5	0	1	0	1	0	1	0	1
1509	M394	I	max	0	23	13.119	6	0	23	-0.001	2	0	23	0	23
1510			min	0	1	3.119	2	0	1	-0.003	6	0	1	0	1
1511		J	max	0	23	-3.119	2	0	23	-0.001	2	0	23	0	23
1512			min	0	1	-13.119	5	0	1	-0.003	6	0	1	0	1
1513	M395	I	max	0	23	13.119	6	0	23	0.003	6	0	23	0	23
1514			min	0	1	3.119	2	0	1	0.001	2	0	1	0	1
1515		J	max	0	23	-3.119	2	0	23	0.003	6	0	23	0	23
1516			min	0	1	-13.119	5	0	1	0.001	2	0	1	0	1
1517	M396	I	max	-0.005	23	0	23	0	2	-0.003	2	0	23	0	23
1518			min	-0.042	5	0	1	-0.397	4	-0.009	6	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1519		J	max	-0.005	23	0	23	0.397	15	-0.003	2	0	23	0	23
1520			min	-0.042	5	0	1	0	2	-0.009	6	0	1	0	1
1521	M397	I	max	0	2	13.119	6	0	23	0	2	0	23	0	23
1522			min	-0.001	7	3.119	2	0	1	-0.002	6	0	1	0	1
1523		J	max	0	2	-3.119	2	0	23	0	2	0	23	0	23
1524			min	-0.001	7	-13.119	5	0	1	-0.002	6	0	1	0	1
1525	M398	I	max	0.137	5	0	23	0	2	0.022	6	0	23	0	23
1526			min	0.035	2	0	1	-0.397	4	0.005	2	0	1	0	1
1527		J	max	0.137	5	0	23	0.397	15	0.022	6	0	23	0	23
1528			min	0.035	2	0	1	0	2	0.005	2	0	1	0	1
1529	M399	I	max	0	23	13.119	6	0	23	0.003	5	0	23	0	23
1530			min	0	1	3.119	2	0	1	0.001	2	0	1	0	1
1531		J	max	0	23	-3.119	2	0	23	0.003	5	0	23	0	23
1532			min	0	1	-13.119	5	0	1	0.001	2	0	1	0	1
1533	M400	I	max	-0.003	2	3.662	6	0	23	-0.001	2	0	23	0	23
1534			min	-0.016	6	0.81	2	0	1	-0.003	6	0	1	0	1
1535		J	max	-0.003	2	-0.81	2	0	23	-0.001	2	0	23	0	23
1536			min	-0.016	6	-3.662	5	0	1	-0.003	6	0	1	0	1
1537	M401	I	max	0	23	9.638	7	0	23	0	5	0	23	0	23
1538			min	0	1	0	2	0	1	0	2	0	1	0	1
1539		J	max	0	23	0	2	0	23	0	5	0	23	0	23
1540			min	0	1	-9.638	7	0	1	0	2	0	1	0	1
1541	M402	I	max	0	23	8.093	7	0	2	0	2	0	4	25.532	7
1542			min	0	1	0.071	2	0	4	0	6	0	2	1.293	2
1543		J	max	0	23	0.071	2	0	2	0	2	0.005	2	71.637	7
1544			min	0	1	-11.508	7	0	4	0	6	-0.011	4	-0.616	2
1545	M403	I	max	-0.217	2	0	23	0	2	-0.001	2	0	23	0	23
1546			min	-1.058	6	0	1	-0.397	4	-0.004	5	0	1	0	1
1547		J	max	-0.217	2	0	23	0.397	15	-0.001	2	0	23	0	23
1548			min	-1.058	6	0	1	0	2	-0.004	5	0	1	0	1
1549	M404	I	max	0	23	4.587	7	0	23	0	6	0	23	0	23
1550			min	0	1	0	2	0	1	0	2	0	1	0	1
1551		J	max	0	23	0	2	0	23	0	6	0	23	0	23
1552			min	0	1	-4.587	7	0	1	0	2	0	1	0	1
1553	M405	I	max	0	23	8.876	6	0	5	0	6	0	2	32.463	6
1554			min	0	1	2.019	2	0	16	0	2	0	4	7.033	2
1555		J	max	0	23	-2.301	2	0	5	0	6	0.001	5	46.486	5
1556			min	0	1	-9.927	5	0	16	0	2	0	16	10.828	2
1557	M406	I	max	0	23	3.662	6	0	23	-0.001	2	0	23	0	23
1558			min	0	1	0.81	2	0	1	-0.003	6	0	1	0	1
1559		J	max	0	23	-0.81	2	0	23	-0.001	2	0	23	0	23
1560			min	0	1	-3.662	5	0	1	-0.003	6	0	1	0	1
1561	M407	I	max	0	23	13.119	6	0	23	-0.001	2	0	23	0	23
1562			min	0	1	3.119	2	0	1	-0.003	5	0	1	0	1
1563		J	max	0	23	-3.119	2	0	23	-0.001	2	0	23	0	23
1564			min	0	1	-13.119	5	0	1	-0.003	5	0	1	0	1
1565	M408	I	max	0	7	9.484	15	0	23	0.002	6	0	23	0	23
1566			min	0	2	0	2	0	1	0.001	2	0	1	0	1
1567		J	max	0	7	0	2	0	23	0.002	6	0	23	0	23
1568			min	0	2	-9.484	4	0	1	0.001	2	0	1	0	1
1569	M409	I	max	0.234	5	0	23	0	2	0.003	5	0	23	0	23
1570			min	0.047	2	0	1	-0.397	4	0.001	2	0	1	0	1
1571		J	max	0.234	5	0	23	0.397	15	0.003	5	0	23	0	23
1572			min	0.047	2	0	1	0	2	0.001	2	0	1	0	1
1573	M410	I	max	0	23	3.662	6	0	23	-0.001	2	0	23	0	23
1574			min	0	1	0.81	2	0	1	-0.003	6	0	1	0	1
1575		J	max	0	23	-0.81	2	0	23	-0.001	2	0	23	0	23
1576			min	0	1	-3.662	5	0	1	-0.003	6	0	1	0	1

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1577	M411	I	max	11.182	5	8.101	6	0	7	0	2	0	23	0	23
1578			min	2.231	2	1.958	2	0	2	0	7	0	1	0	1
1579		J	max	11.182	5	-1.282	2	0	7	0	2	0	7	0.215	2
1580			min	2.231	2	-4.987	5	0	2	0	7	0	2	-0.52	4
1581	M412	I	max	15.168	5	2.914	6	0	2	0	5	0.001	5	14.425	6
1582			min	3.685	2	0.696	2	0	5	0	2	0	2	3.443	2
1583		J	max	15.047	5	2.914	6	0	2	0	5	0	2	-3.519	2
1584			min	3.685	2	0.696	2	0	5	0	2	-0.002	5	-14.717	6
1585	M413	I	max	3.434	6	2.157	6	0	5	0	2	0	5	12.479	6
1586			min	0.745	2	0.513	2	0	2	0	5	0	2	2.963	2
1587		J	max	3.295	6	2.157	6	0	5	0	2	0	5	-2.931	2
1588			min	0.745	2	0.513	2	0	2	0	5	0	2	-12.331	6
1589	M414	I	max	35.189	15	-0.395	2	0.028	2	0	2	0	23	0	23
1590			min	1.754	2	-2.421	6	-0.093	4	0	4	0	1	0	1
1591		J	max	35.089	15	-0.395	2	0.028	2	0	2	0.102	2	8.877	6
1592			min	1.754	2	-2.421	6	-0.093	4	0	4	-0.34	4	1.448	2
1593	M415	I	max	9.153	15	-0.127	2	0.07	4	0	2	0	23	0	23
1594			min	0.497	2	-0.816	6	-0.049	2	0	4	0	1	0	1
1595		J	max	9.053	15	-0.127	2	0.07	4	0	2	0.257	4	2.994	6
1596			min	0.497	2	-0.816	6	-0.049	2	0	4	-0.179	2	0.465	2
1597	M416	I	max	30.227	5	2.402	5	0.348	15	0.017	2	0	23	0	23
1598			min	7.357	2	0.382	2	0.025	2	-0.036	4	0	1	0	1
1599		J	max	30.141	5	2.402	5	0.348	15	0.017	2	1.277	15	-1.402	2
1600			min	7.357	2	0.382	2	0.025	2	-0.036	4	0.092	2	-8.809	5
1601	M417	I	max	8.263	5	0.81	5	-0.008	2	0.017	2	0	23	0	23
1602			min	2.129	2	0.139	2	-0.412	8	-0.039	4	0	1	0	1
1603		J	max	8.177	5	0.81	5	-0.008	2	0.017	2	-0.028	2	-0.512	2
1604			min	2.129	2	0.139	2	-0.412	8	-0.039	4	-1.51	8	-2.97	5
1605	M418	I	max	0.067	4	4.926	4	0.006	2	0.023	6	0.149	4	0.284	4
1606			min	-0.04	2	-0.052	2	-0.011	4	0.004	2	-0.076	2	-0.186	2
1607		J	max	0.067	4	-0.052	2	0.006	2	0.023	6	0.081	2	90.391	15
1608			min	-0.04	2	-15.047	8	-0.011	4	0.004	2	-0.158	4	1.211	2
1609	M419	I	max	0.003	4	10.245	15	0	4	0	23	0.007	2	90.156	15
1610			min	-0.001	2	0.088	2	0	2	0	1	-0.006	4	1.313	2
1611		J	max	0.003	4	0.971	15	0	4	0	23	0	23	0	23
1612			min	-0.001	2	0.088	2	0	2	0	1	0	1	0	1
1613	M420	I	max	0	2	6.836	5	0.002	2	0	2	0	23	0	23
1614			min	-0.002	8	1.437	2	-0.004	4	-0.003	8	0	1	0	1
1615		J	max	0	2	-2.343	2	0.002	2	0	2	0.057	2	73.794	6
1616			min	-0.002	8	-15.272	6	-0.004	4	-0.003	8	-0.113	4	12.229	2
1617	M421	I	max	0.003	2	9.913	6	0.001	2	0.013	6	0.039	4	73.502	6
1618			min	-0.007	4	1.86	2	-0.003	4	-0.004	4	-0.02	2	12.176	2
1619		J	max	0.003	2	-0.228	2	0.001	2	0.013	6	0	23	0	23
1620			min	-0.007	4	-0.805	5	-0.003	4	-0.004	4	0	1	0	1
1621	M422	I	max	-0.016	2	2.914	6	0.005	2	-0.003	2	0.131	4	-0.021	2
1622			min	-0.391	8	0.545	16	-0.01	4	-0.022	5	-0.064	2	-1.533	8
1623		J	max	-0.016	2	-1.859	23	0.005	2	-0.003	2	0.07	2	57.232	6
1624			min	-0.391	8	-7.254	5	-0.01	4	-0.022	5	-0.141	4	16.987	16
1625	M423	I	max	0.004	4	6.74	5	0.002	4	0	23	0.013	2	58.634	5
1626			min	-0.002	2	1.852	16	-0.001	2	0	1	-0.033	4	17.664	2
1627		J	max	0.004	4	1.122	5	0.002	4	0	23	0	23	0	23
1628			min	-0.002	2	0.14	2	-0.001	2	0	1	0	1	0	1
1629	M424	I	max	0.813	5	4.203	5	0.017	4	0.027	4	0.076	2	2.971	6
1630			min	0.132	2	0.549	2	-0.009	2	-0.008	2	-0.149	4	0.46	2
1631		J	max	0.813	5	2.054	5	0.017	4	0.027	4	0.038	4	-5.711	2
1632			min	0.132	2	0.549	2	-0.009	2	-0.008	2	-0.021	2	-32.223	5
1633	M425	I	max	0.813	5	-0.889	2	0.019	4	0.027	4	0.038	4	-5.711	2
1634			min	0.135	2	-4.784	5	-0.009	2	-0.008	2	-0.021	2	-32.22	5

Envelope Member End Reactions (Continued)

	Member	Member End		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-ft]	LC	y-y Moment[k-ft]	LC	z-z Moment[k-ft]	LC
1635		J	max	0.813	5	-0.889	2	0.019	4	0.027	4	0.17	4	2.947	5
1636			min	0.135	2	-5.264	5	-0.009	2	-0.008	2	-0.082	2	0.509	2
1637	M426	I	max	2.411	6	10.294	6	0.023	4	0.057	4	0.074	2	8.901	6
1638			min	0.389	2	1.614	2	-0.011	2	-0.001	2	-0.151	4	1.453	2
1639		J	max	2.411	6	9.522	6	0.023	4	0.057	4	0.106	4	-16.71	2
1640			min	0.389	2	1.614	2	-0.011	2	-0.001	2	-0.051	2	-102.565	6
1641	M427	I	max	2.412	6	-2.589	2	0.027	4	-0.054	2	0.025	2	-16.72	2
1642			min	0.388	2	-15.676	6	-0.014	2	-0.245	6	-0.046	4	-102.58	6
1643		J	max	2.412	6	-2.589	2	0.027	4	-0.054	2	0.144	4	8.831	5
1644			min	0.388	2	-16.156	6	-0.014	2	-0.245	6	-0.074	2	1.405	2
1645	M428	I	max	0	2	0.971	15	0.003	4	0	23	0	23	0	23
1646			min	0	4	0.088	2	-0.001	2	0	1	0	1	0	1
1647		J	max	0	2	0.164	5	0.003	4	0	23	0.028	4	-0.99	2
1648			min	0	4	0.014	16	-0.001	2	0	1	-0.013	2	-6.184	5
1649	M429	I	max	0.002	4	-0.14	2	0.002	2	0	23	0.028	4	-0.98	2
1650			min	-0.001	2	-0.642	5	-0.004	4	0	1	-0.013	2	-6.172	5
1651		J	max	0.002	4	-0.14	2	0.002	2	0	23	0	23	0	23
1652			min	-0.001	2	-1.122	5	-0.004	4	0	1	0	1	0	1

Material Take-Off

	Material	Size	Pieces	Length[ft]	Weight[K]
1	General Members				
2	gen_Steel	RE6X0.5	5	85.6	0.874
3	gen_Steel	RE3X0.5	4	49.9	0.255
4	gen_Steel	RE4X0.5	12	182.1	1.239
5	gen_Steel	RE10X0.5	1	16.9	0.288
6	gen_Steel	RE5X0.5	10	111.2	0.946
7	gen_Steel	RE8X0.5	3	50.8	0.691
8	gen_Steel	RE9X0.75	2	34.8	0.799
9	gen_Steel	RE7X0.5	3	51.7	0.616
10	Total General		40	583	5.708
11					
12	Hot Rolled Steel				
13	A36 Gr.36	HSS12X12X6	2	33.6	1.829
14	A36 Gr.36	HSS4X4X4	2	21	0.241
15	A36 Gr.36	HSS8X6X4	19	408	8.566
16	A36 Gr.36	HSS8X8X4	6	89.8	2.171
17	A36 Gr.36	W8X31	12	126	3.914
18	A36 Gr.36	W10X60	4	42	2.53
19	A36 Gr.36	W8X24	22	309.8	7.464
20	A36 Gr.36	W6X20	45	273.7	5.468
21	A36 Gr.36	W8X67	10	136.7	9.162
22	A36 Gr.36	W12X96	20	210	20.151
23	A36 Gr.36	W12X35	13	237.7	8.33
24	A36 Gr.36	W10X45	2	36.5	1.652
25	A36 Gr.36	W12X50	9	61.7	3.068
26	A36 Gr.36	W8X10	5	72.9	0.734
27	A36 Gr.36	W16X57	6	100	5.717
28	A36 Gr.36	W10X19	4	54.7	1.045
29	A36 Gr.36	W18X76	15	21.3	1.613
30	A36 Gr.36	W12X22	1	13.7	0.301
31	A36 Gr.36	W12X16	1	13.7	0.219
32	A36 Gr.36	W12X26	36	843	21.944
33	A36 Gr.36	W18X40	4	81	3.252
34	A36 Gr.36	W16X36	2	54	1.948
35	A36 Gr.36	W18X60	2	27	1.617
36	A36 Gr.36	W8X40	24	612	24.365
37	A36 Gr.36	W10X26	3	45.6	1.18

Material Take-Off (Continued)

	Material	Size	Pieces	Length[ft]	Weight[K]
38	A500 Gr.B RECT	HSS4X4X3	4	42	0.397
39	A500 Gr.B RECT	HSS4X4X4	9	94.5	1.165
40	A53 Gr.B	PIPE_3.0	20	215	1.514
41	A53 Gr.B	PIPE_4.0	13	139	1.4
42	A53 Gr.B	PIPE_5.0	2	20	0.273
43	A53 Gr.B	PIPE_5.0X	4	43	0.838
44	A53 Gr.B	PIPE_5.0XX	6	63	2.294
45	A572 Gr.50	W8X31	5	50	1.553
46	A572 Gr.50	W8X35	5	53	1.858
47	A572 Gr.50	W8X40	2	20	0.796
48	A572 Gr.50	W8X48	5	54.5	2.615
49	A572 Gr.50	W8X58	6	67.5	3.928
50	A572 Gr.50	W8X67	7	70	4.692
51	A992	PIPE_5.0X	4	14.7	0.286
52	A992	W16X57	12	180.5	10.319
53	Total HR Steel		373	5052	172.411