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1033 WATERVLIET SHAKER RD, ALBANY, NY 12205

Mount Analysis Report

September 5, 2019

Site Name	Harwinton
Site Number	CTL01057
AT&T FA Number	10035016
AT&T PACE Number	MRCTB040595 / MRCTB040754 MRCTB040454 / MRCTB040513
AT&T PTN Number	2051A0PQNK / 2051A0PQX4 2051A0PR0V / 2051A0PQEC
Infinigy Job Number	1106-A0001-B
Client	Smartlink
Carrier	AT&T Mobility
Site Location	159 Weingert Rd Harwinton, CT 6791 41.7877419 N NAD83 73.0925269 W NAD83
Mount Centerline EL.	185.0 ft
Mount Type	Platform
Structural Usage Ratio	**57.6%**
Overall Result	**Pass**

Upon reviewing the results of this analysis, it is our opinion that the mount meets the specified TIA and ASCE code requirements. The mounts and connections for the proposed carrier are therefore deemed adequate to support the final loading configuration as listed in this report.

STATE OF CONNECTICUT
JOSEPH R. JOHNSTON
29460
LICENSED PROFESSIONAL ENGINEER
09-05-19

Thomas Marr
Project Engineer I

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Introduction

Infinigy Engineering has been requested to perform a mount analysis on the existing AT&T Mobility mounts. All supporting documents have been obtained from the client and are assumed to be accurate and applicable to this site. The mount was analyzed using RISA-3D Version 17.0.4 analysis software.

Supporting Documentation

RFDS	RFDS ID #3117616, dated May 24, 2019
Construction Drawings	Infinigy Engineering Job# 499-006, dated August 27, 2019
Previous Mount Analysis	Fullerton Engineering Project #2017.0278.003 dated October 20, 2017
Site Photos	Smartlink Provided, dated June 28, 2019

Analysis Code Requirements

Wind Speed	117 mph (3-Second Gust)
Wind Speed w/ Ice	50 mph (3 Second Gust) w/ 1.275" Ice
TIA Revision	ANSI/TIA-222-H
Adopted IBC	2015 IBC / 2018 Connecticut State Building Code
Structure Class	II
Exposure Category	B
Topographic Category	1
Spectral Response	S_s = 0.182 g, S_1 = 0.065 g
Site Class	D - Stiff Soil
HMSL	1045 ft.

Conclusion

Upon reviewing the results of this analysis, it is our opinion that the mount meets the specified TIA code requirements. The mount and connections are therefore deemed adequate to support the existing and proposed loading as listed in this report.

If you have any questions, require additional information, or actual conditions differ from those as detailed in this report please contact me via the information below:

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Final Configuration Loading

Mount CL (ft)	Vert. O/S (ft)	Rad. HT (ft)	Horiz. O/S (ft)*	Qty	Appurtenance	Carrier
185.0	0.0	185.0	9.5	3	POWERWAVE 7770	AT&T
			7.0	3	CCI DMP65R-BU6D	
			4.0	3	QUINTEL TECHNOLOGY QS66512-2	
			1.0	3	CCI HPA-65R-BU6AA	
			9.5	6	POWERWAVE LGP 21401	
			--	3	RAYCAP DC6-48-60-18-8F	
			7.0	3	ERICSSON 4449 B5/B12	
			4.0	6	KAELUS DBC0061F1V51-2	
			4.0	3	ERICSSON RRUS-32 B30	
			1.0	3	ERICSSON 8843 B2/B66A	

(1) Horizontal Offset is defined as the distance from the left most edge of the mount face horizontal when viewed facing the tower

(2) Radios are to be mount behind antennas at respective locations see appended documents for vertical locations

(3) Raycap assumed to be installed directly on tower

Structure Usages

Horizontals	57.6%	Pass
Standoffs	32.3%	Pass
Mount Pipes	32.5%	Pass
Bracing	46.8%	Pass
Bolts	11.6%	Pass
Max Usage	**57.6%**	**Pass**

Mount Connections

Reaction Data	Design Capacity*	Analysis Reactions	Results
Max Tension (lbs.)	20340.0	1227.03	6.0%
Max Shear (lbs.)	12425.0	1432.50	11.6%
Unity Check	--	--	1.7%

***Assumed (2) 5/8" A307 Bolts per Connection. Contractor to field verify anchor diameters prior to proposed installation.**

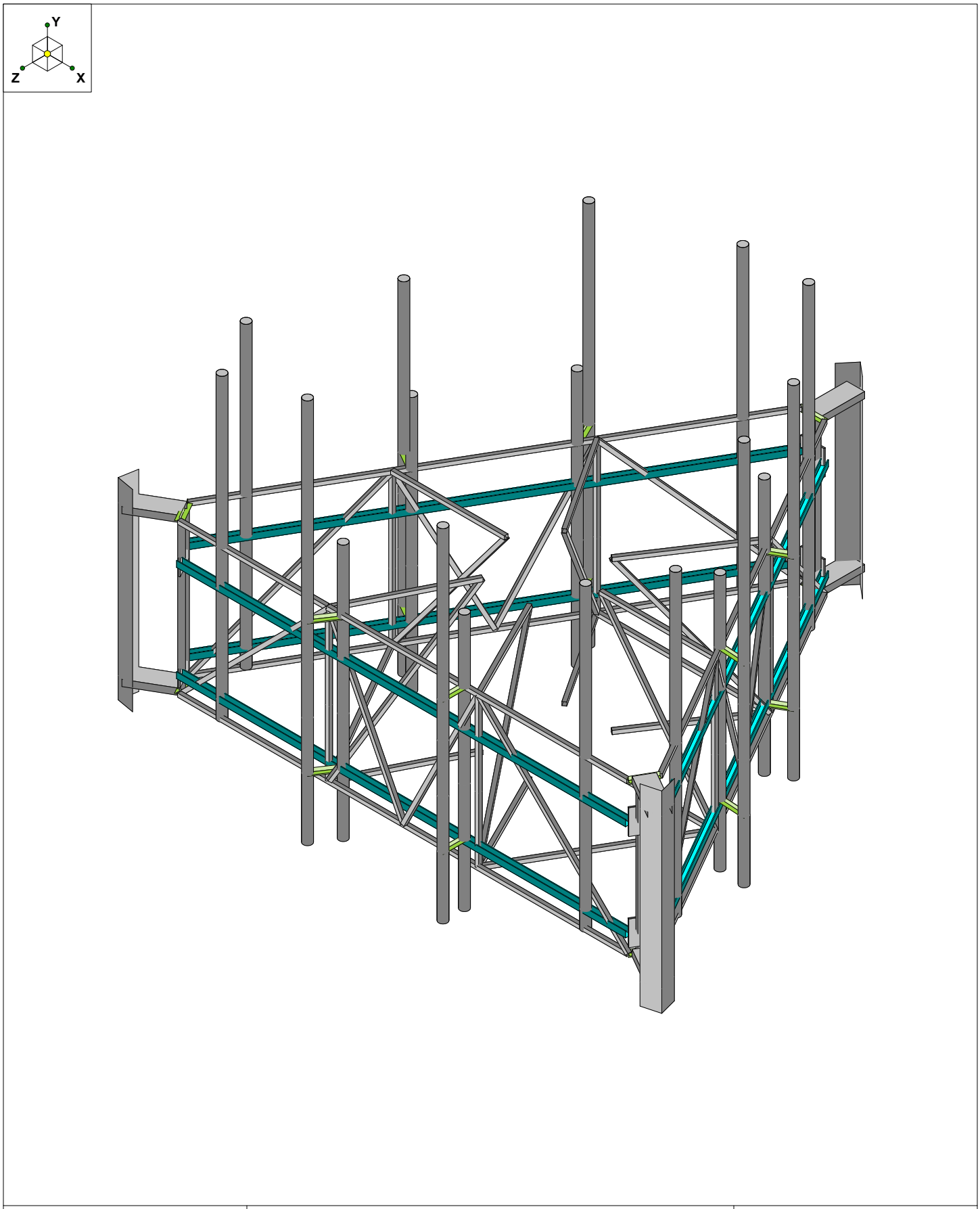
- Bolts reactions are acceptable when compared to manufacturer's listed capacities.

Assumptions and Limitations

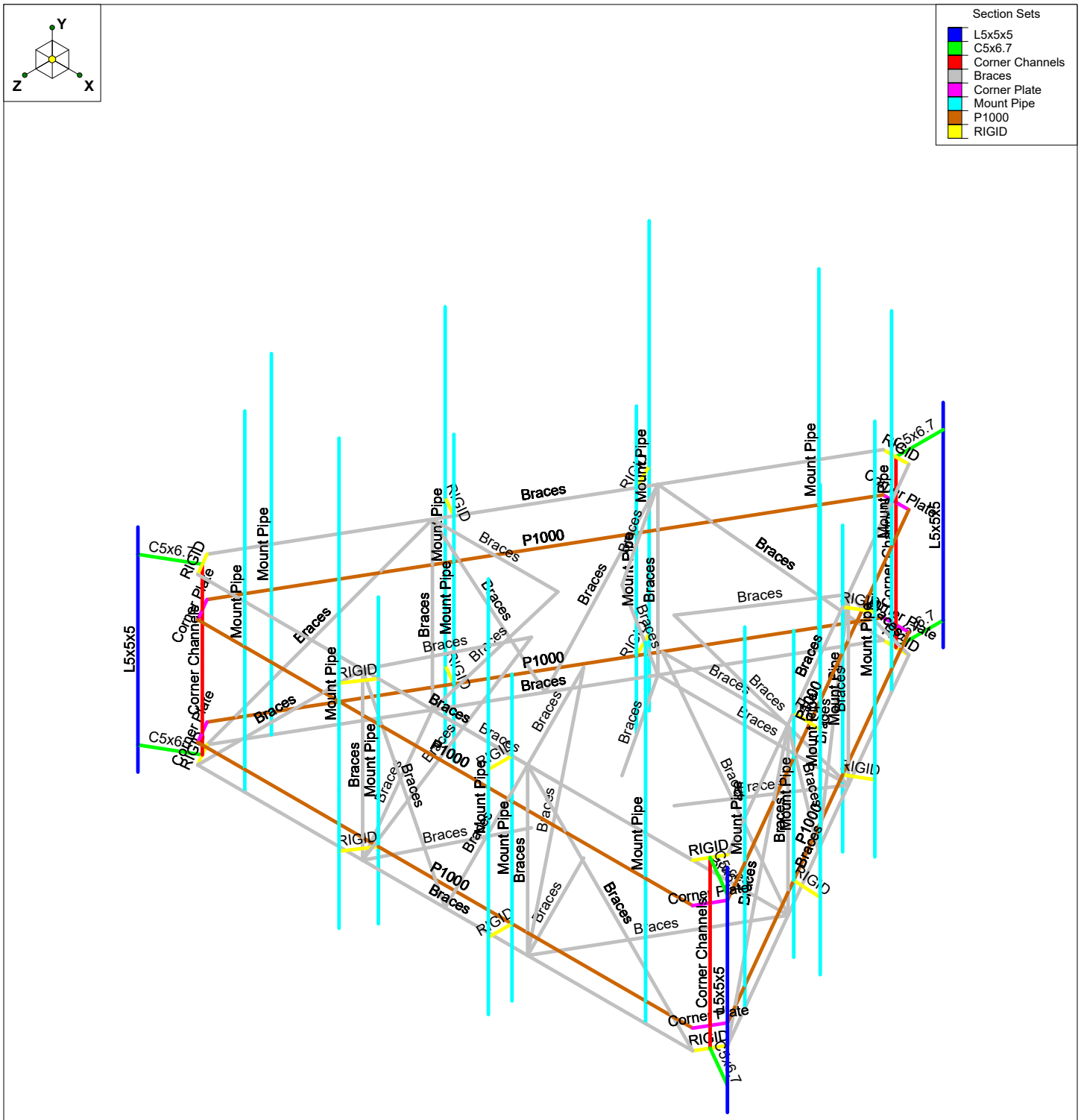
Our structural calculations are completed assuming all information provided to Infinigy Engineering is accurate and applicable to this site. For the purposes of calculations, we assume an overall structure condition of "like new" and all members and connections to be free of corrosion and/or structural defects. The structure owner and/or contractor shall verify the structure's condition prior to installation of any proposed equipment. If actual conditions differ from those described in this report Infinigy Engineering should be notified immediately to complete a revised evaluation.

Our evaluation is completed using standard TIA, AISC, ACI, and ASCE methods and procedures. Our structural results are proprietary and should not be used by others as their own. Infinigy Engineering is not responsible for decisions made by others that are or are not based on our supplied assumptions and conclusions.

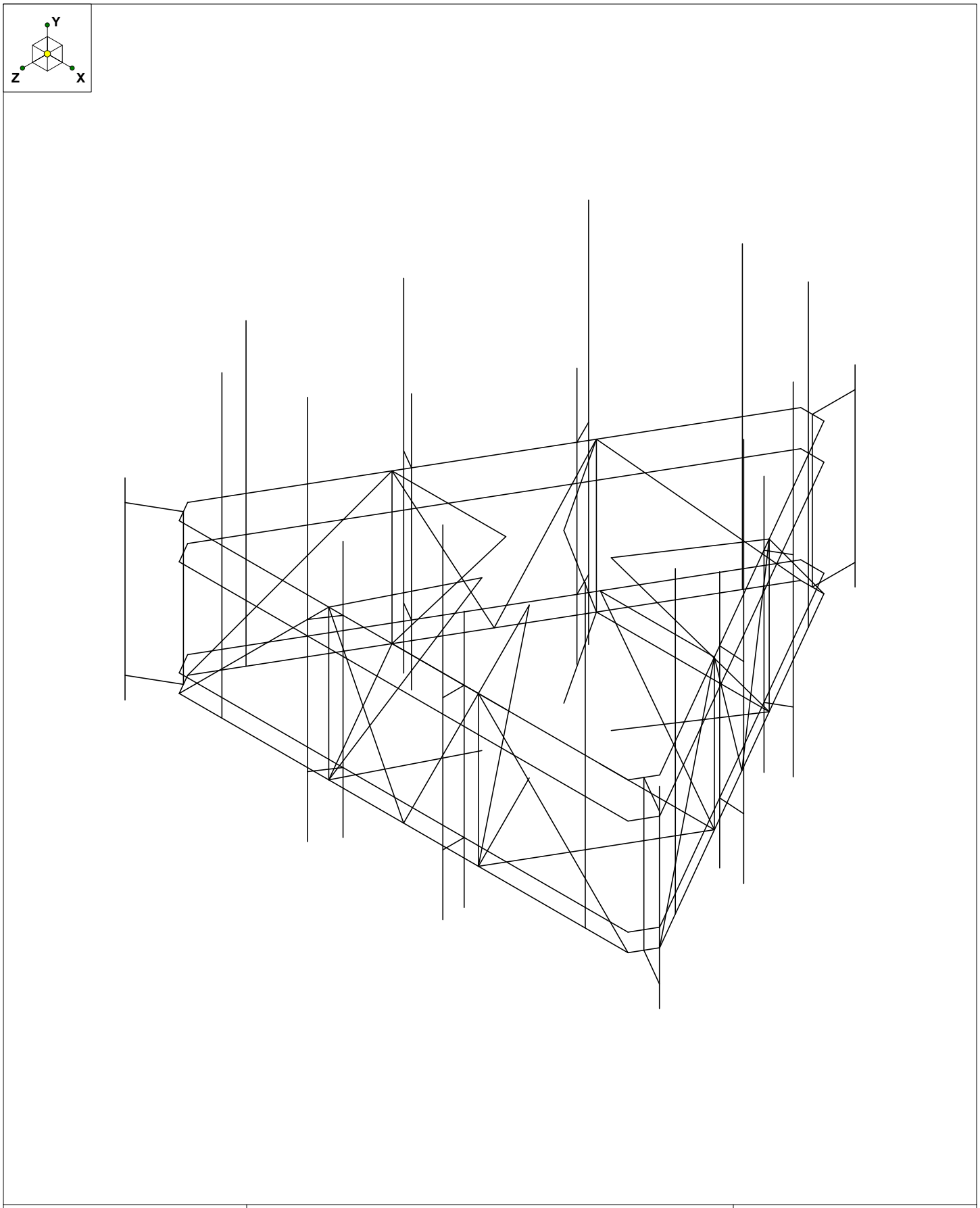
This report is an evaluation of the proposed carriers mount structure only and does not reflect adequacy of the existing tower, other mounts, or coax mounting attachments. These elements are assumed to be adequate for the purposes of this analysis and are assumed to have been installed per their manufacturer requirements.



Infinigy Engineering, PLLC.	CTL01057	Existing
TM		Sept 5, 2019 at 11:30 AM
1106-A0001-B		CTL01057_loaded.r3d



Infinigy Engineering, PLLC.	CTL01057	Section Sets
TM		Sept 5, 2019 at 11:30 AM
1106-A0001-B		CTL01057_loaded.r3d



Infinigy Engineering, PLLC.	CTL01057	Wire Frame
TM		Sept 5, 2019 at 11:30 AM
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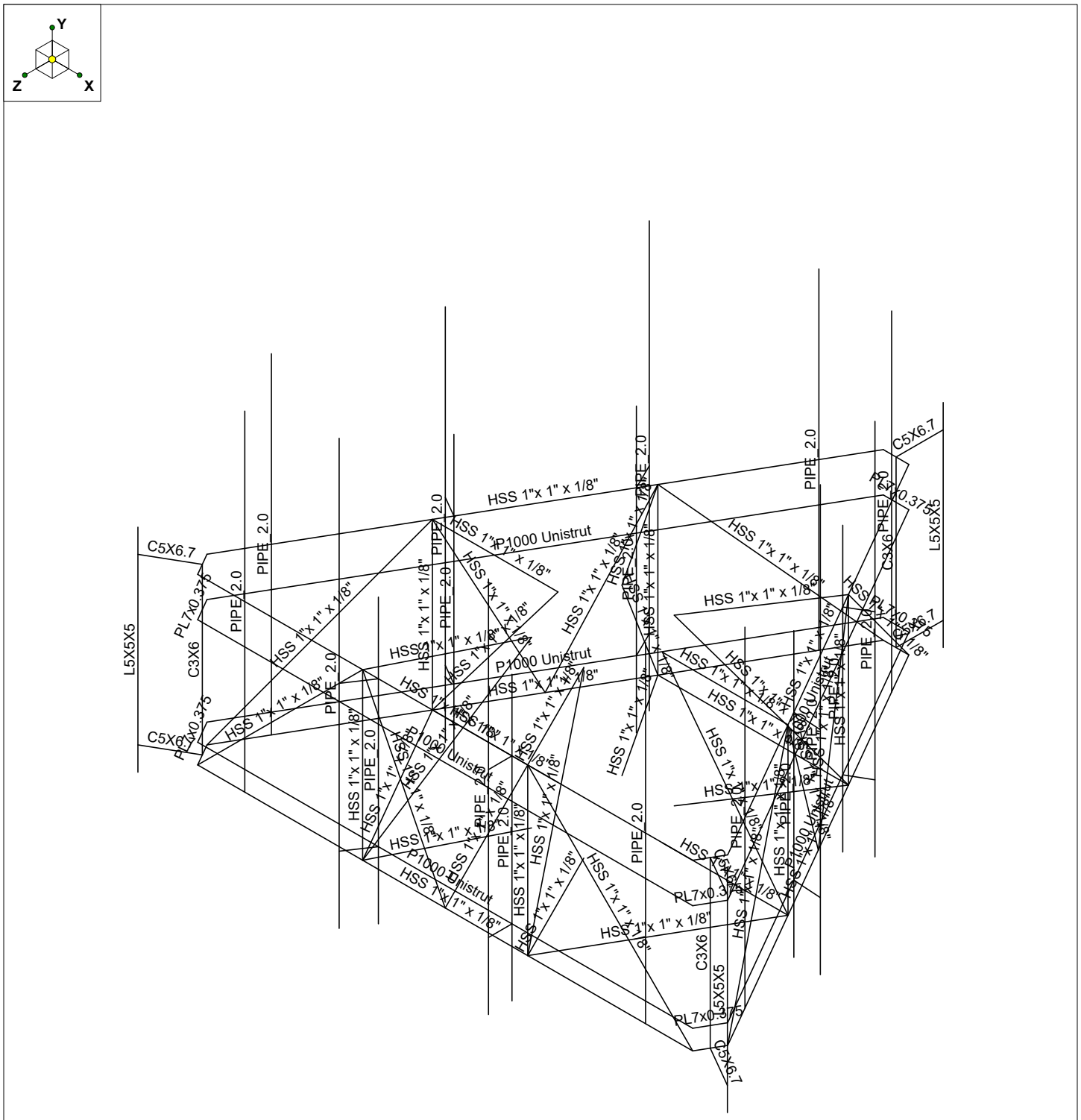
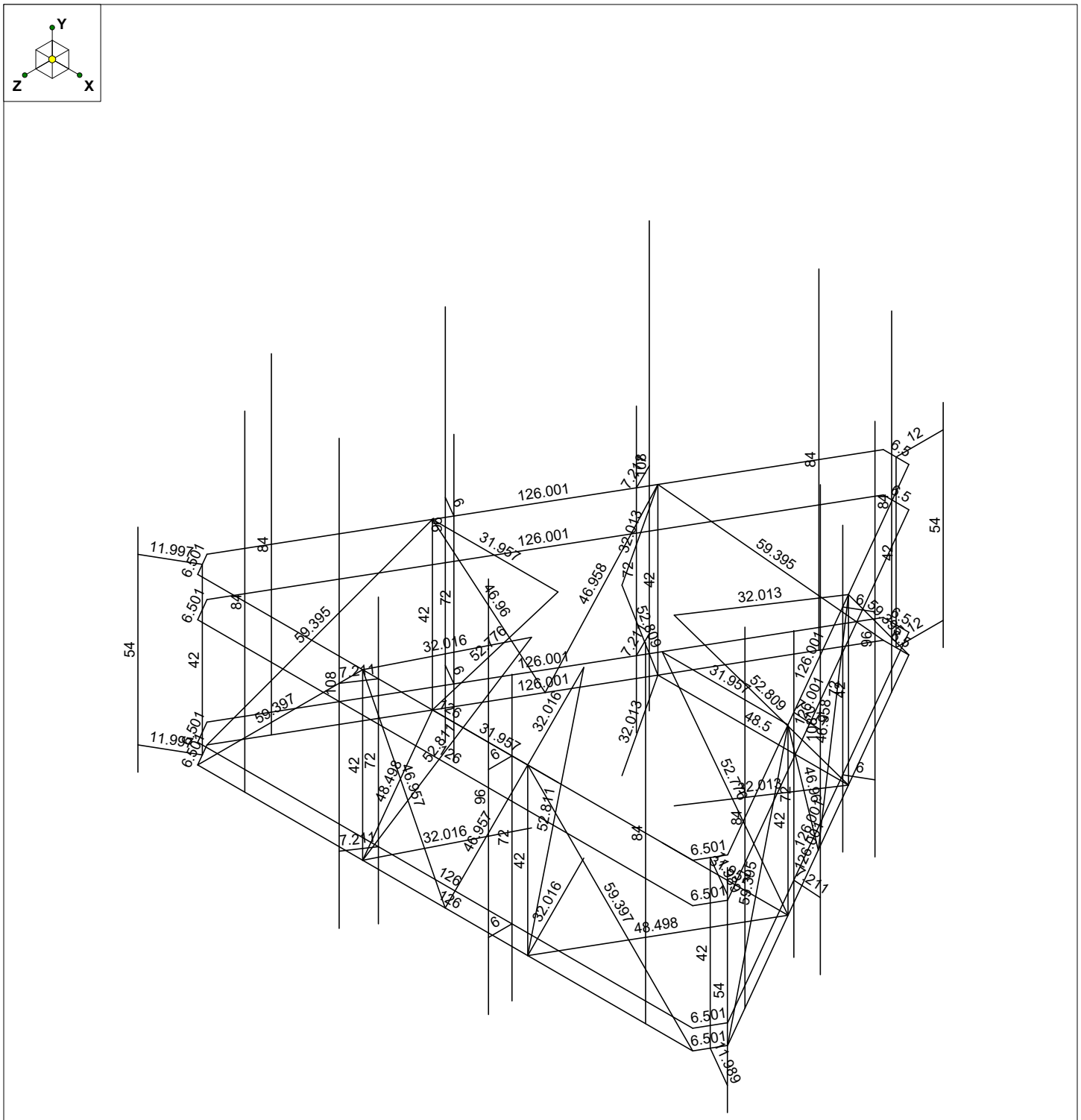
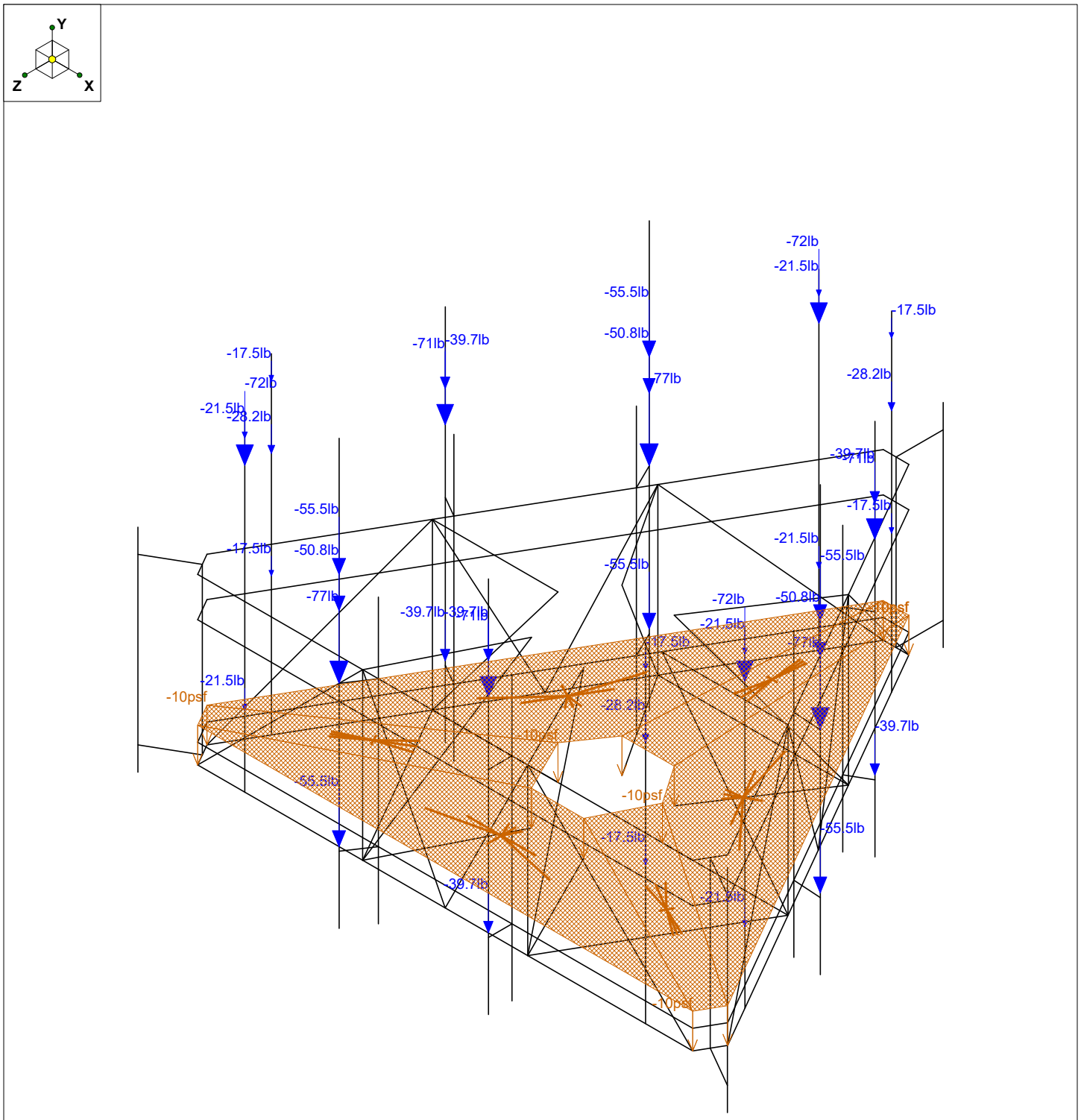


Infinigy Engineering, PLLC.	CTL01057	Member Shape
TM		Sept 5, 2019 at 11:30 AM
1106-A0001-B		CTL01057_loaded.r3d



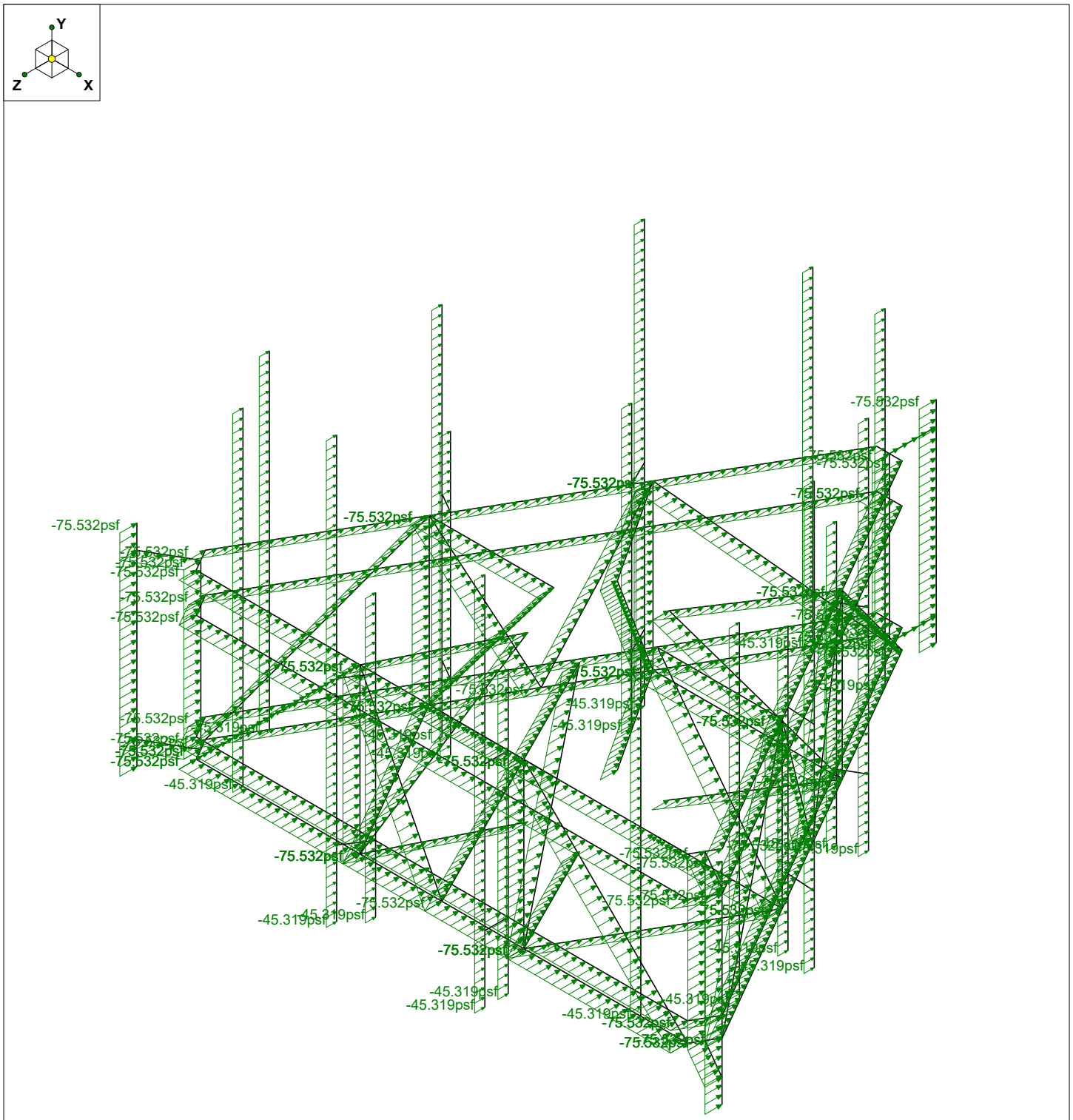
Member Length (in) Displayed

Infinigy Engineering, PLLC.	CTL01057	Member Length
TM		Sept 5, 2019 at 11:31 AM
1106-A0001-B		CTL01057_loaded.r3d



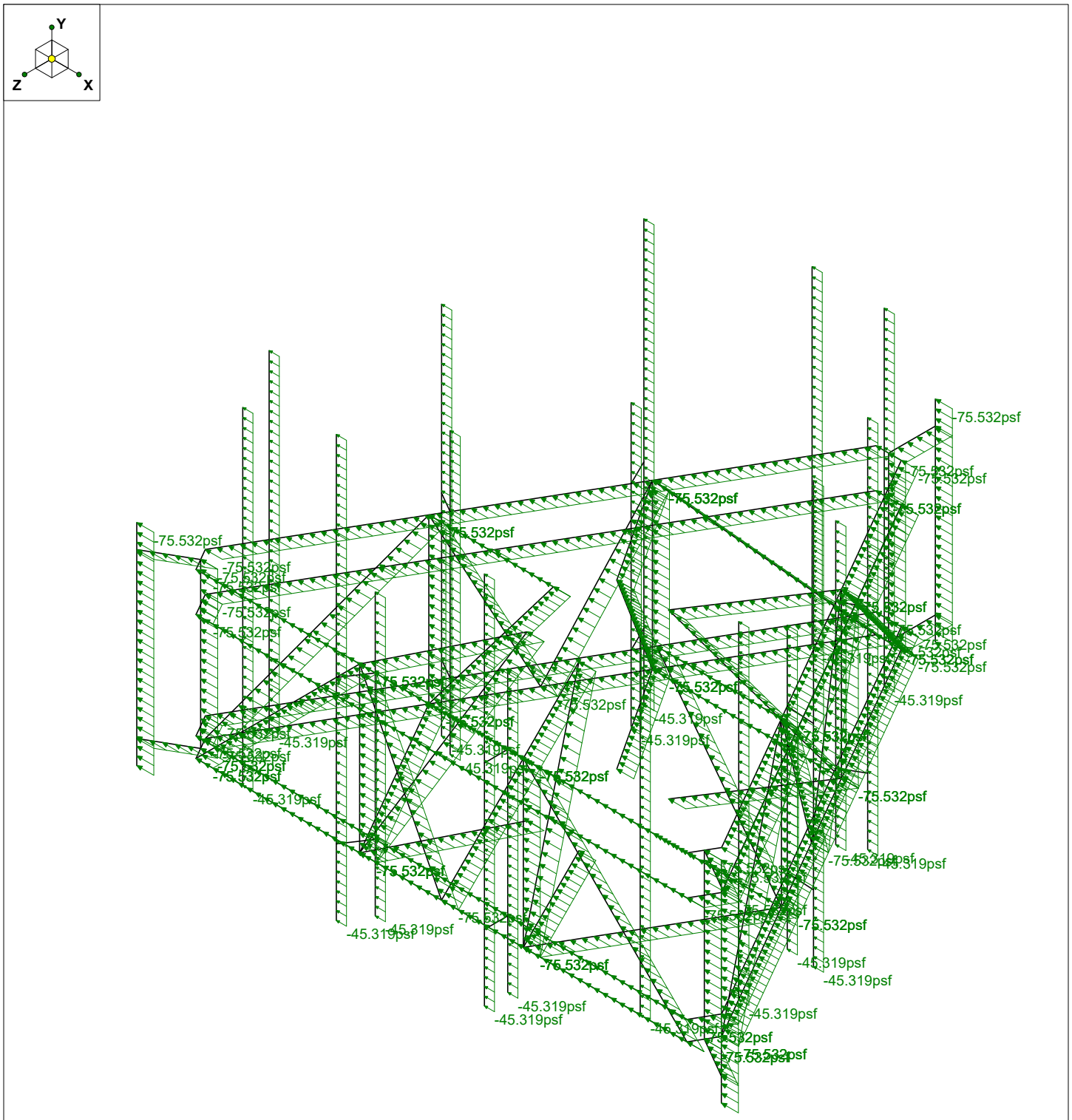
Loads: BLC 1, Self Weight

Infinigy Engineering, PLLC.	CTL01057	Self Weight
TM		Sept 5, 2019 at 11:31 AM
1106-A0001-B		CTL01057_loaded.r3d



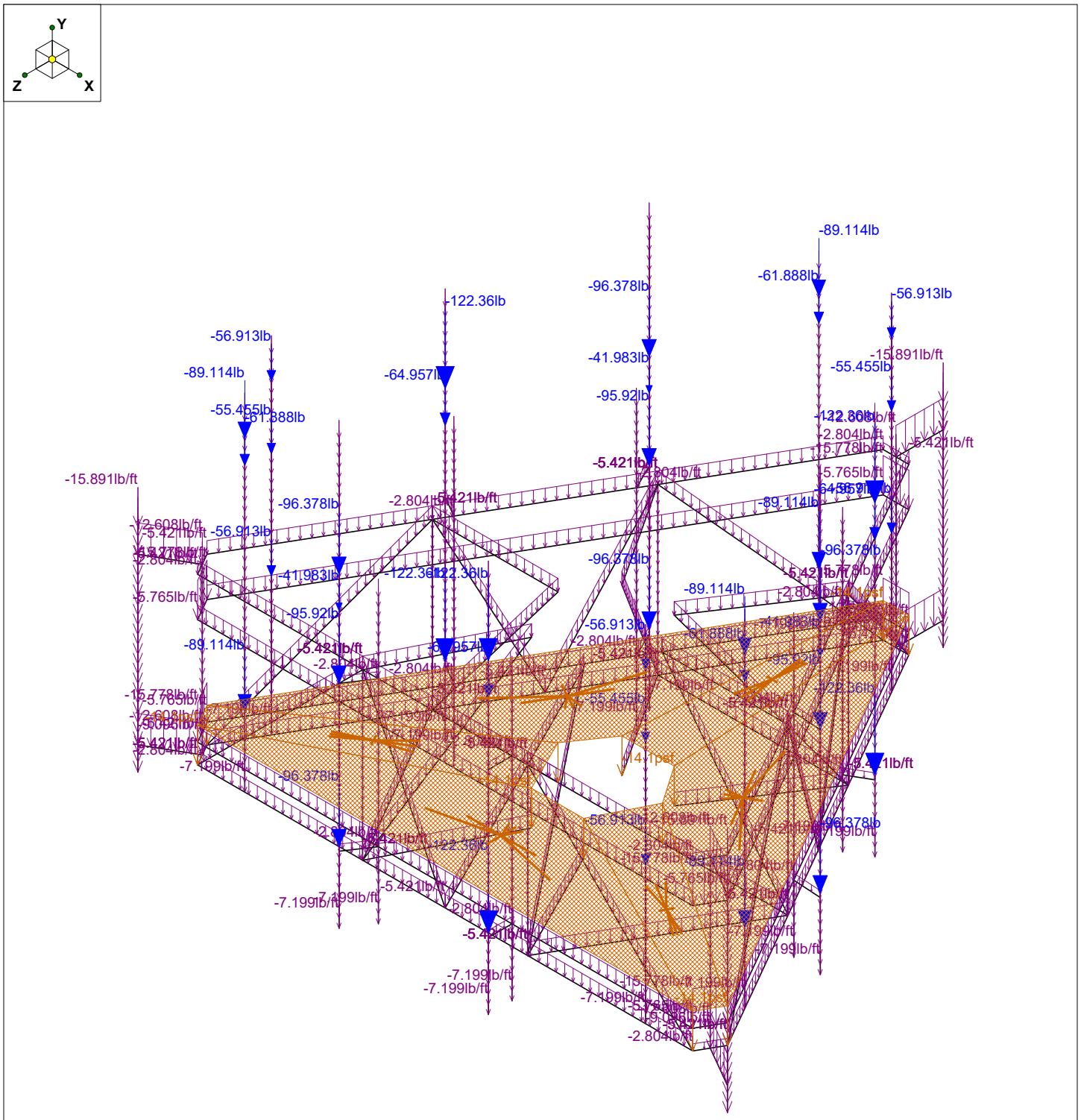
Loads: BLC 14, Distr. Wind Load Z

Infinigy Engineering, PLLC.	CTL01057	Wind Load AZI 000
TM		Sept 5, 2019 at 11:31 AM
1106-A0001-B		CTL01057_loaded.r3d



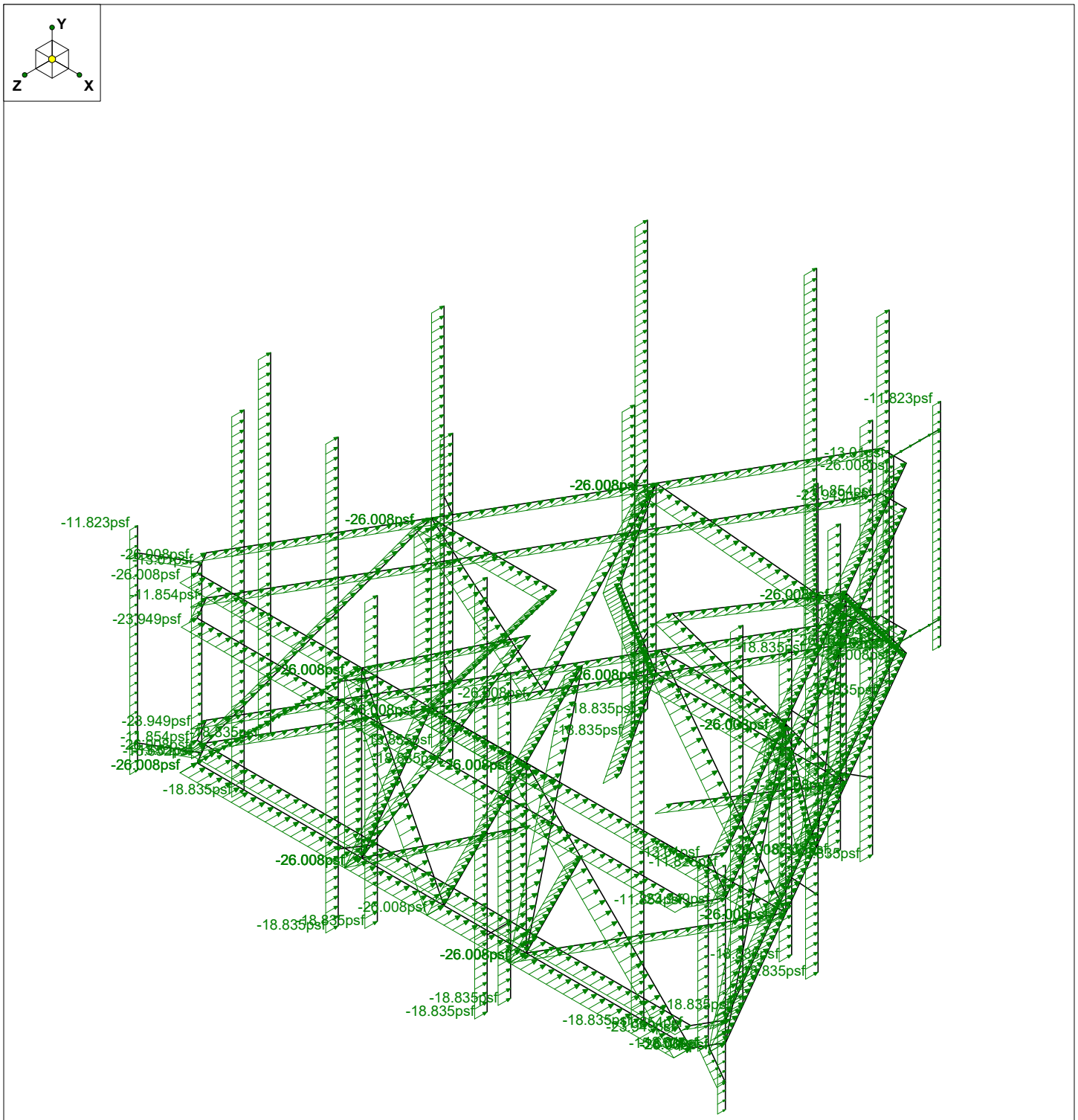
Loads: BLC 15, Distr. Wind Load X

Infinigy Engineering, PLLC.	CTL01057	Wind Load AZI 090
TM		Sept 5, 2019 at 11:31 AM
1106-A0001-B		CTL01057_loaded.r3d



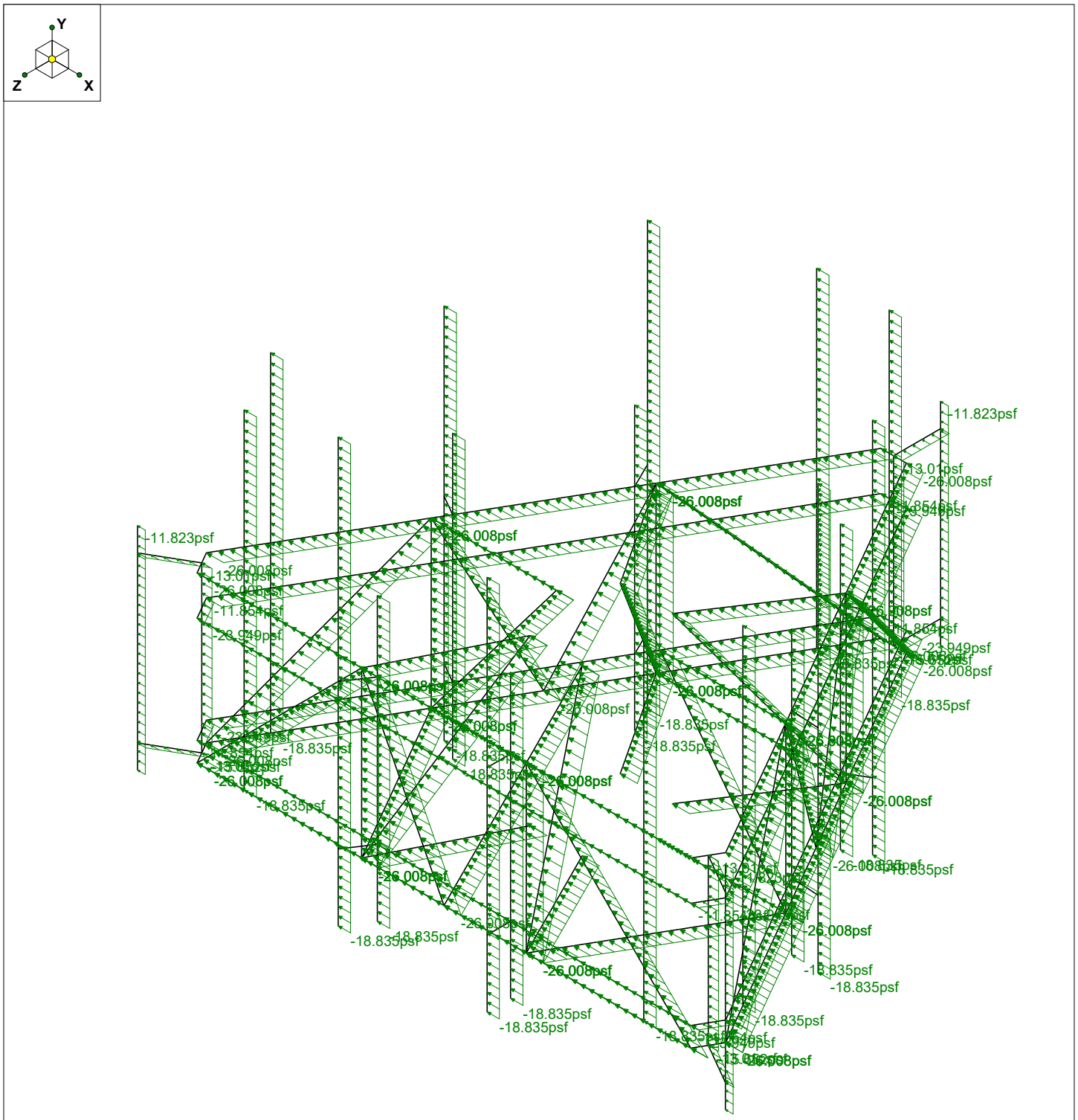
Loads: BLC 16, Ice Weight

Infinigy Engineering, PLLC.	CTL01057	Ice Weight
TM		Sept 5, 2019 at 11:31 AM
1106-A0001-B		CTL01057_loaded.r3d



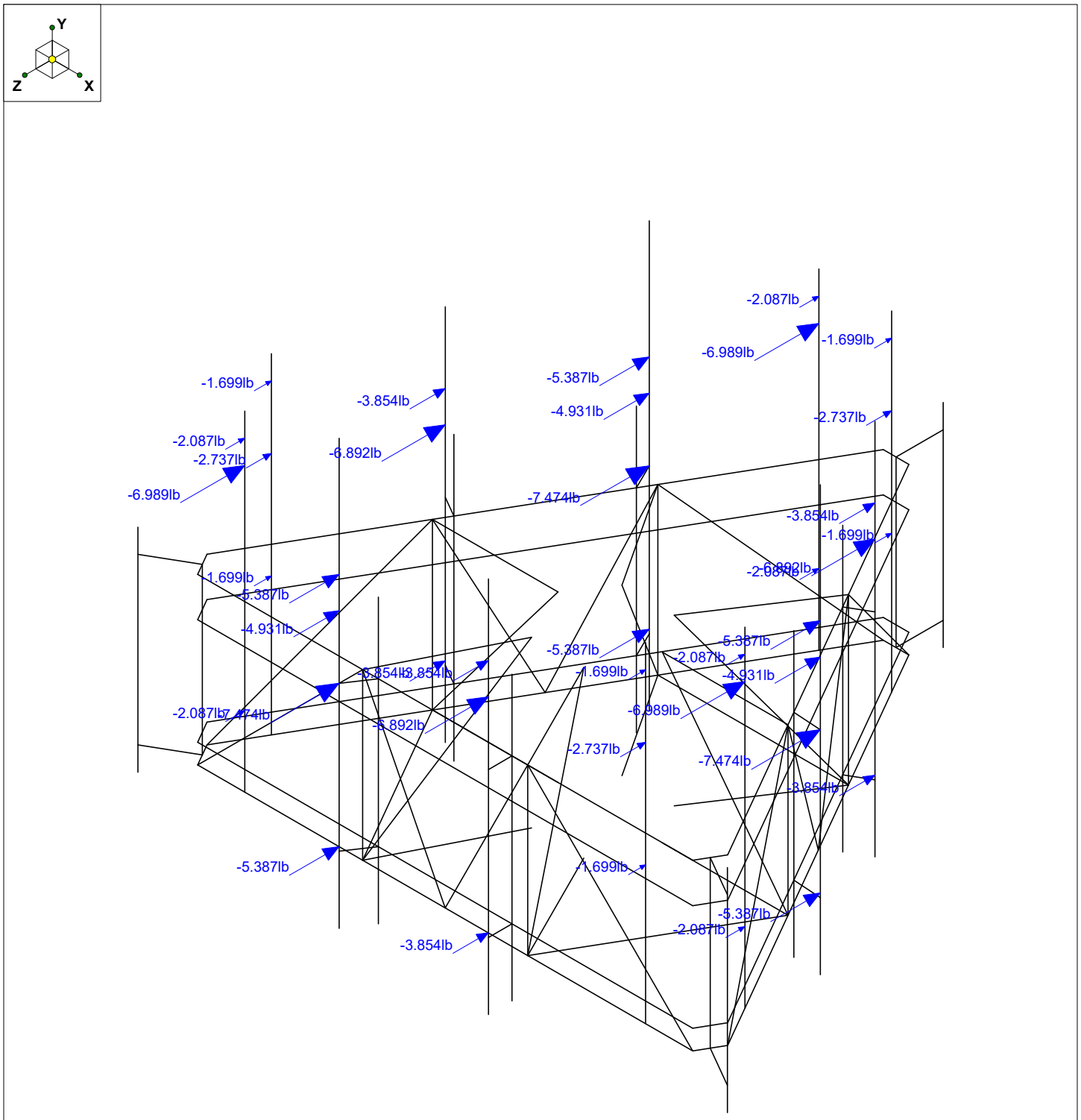
Loads: BLC 29, Distr. Ice Wind Load Z

Infinigy Engineering, PLLC.	CTL01057	Wind + Ice Load AZI 000
TM		Sept 5, 2019 at 11:32 AM
1106-A0001-B		CTL01057_loaded.r3d



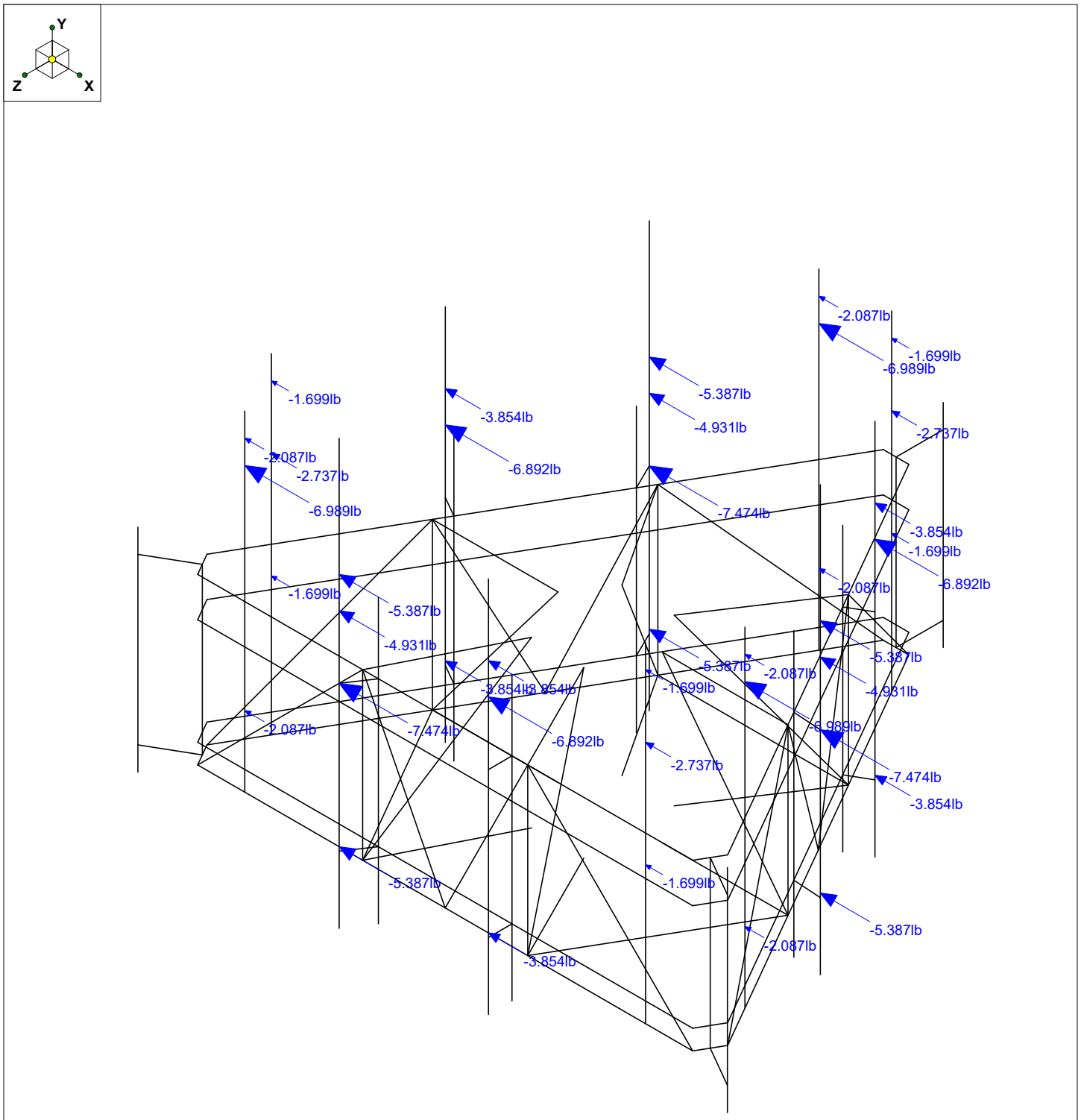
Loads: BLC 30, Distr. Ice Wind Load X

Infinigy Engineering, PLLC.	CTL01057	Wind + Ice Load AZI 090
TM		Sept 5, 2019 at 11:32 AM
1106-A0001-B		CTL01057_loaded.r3d



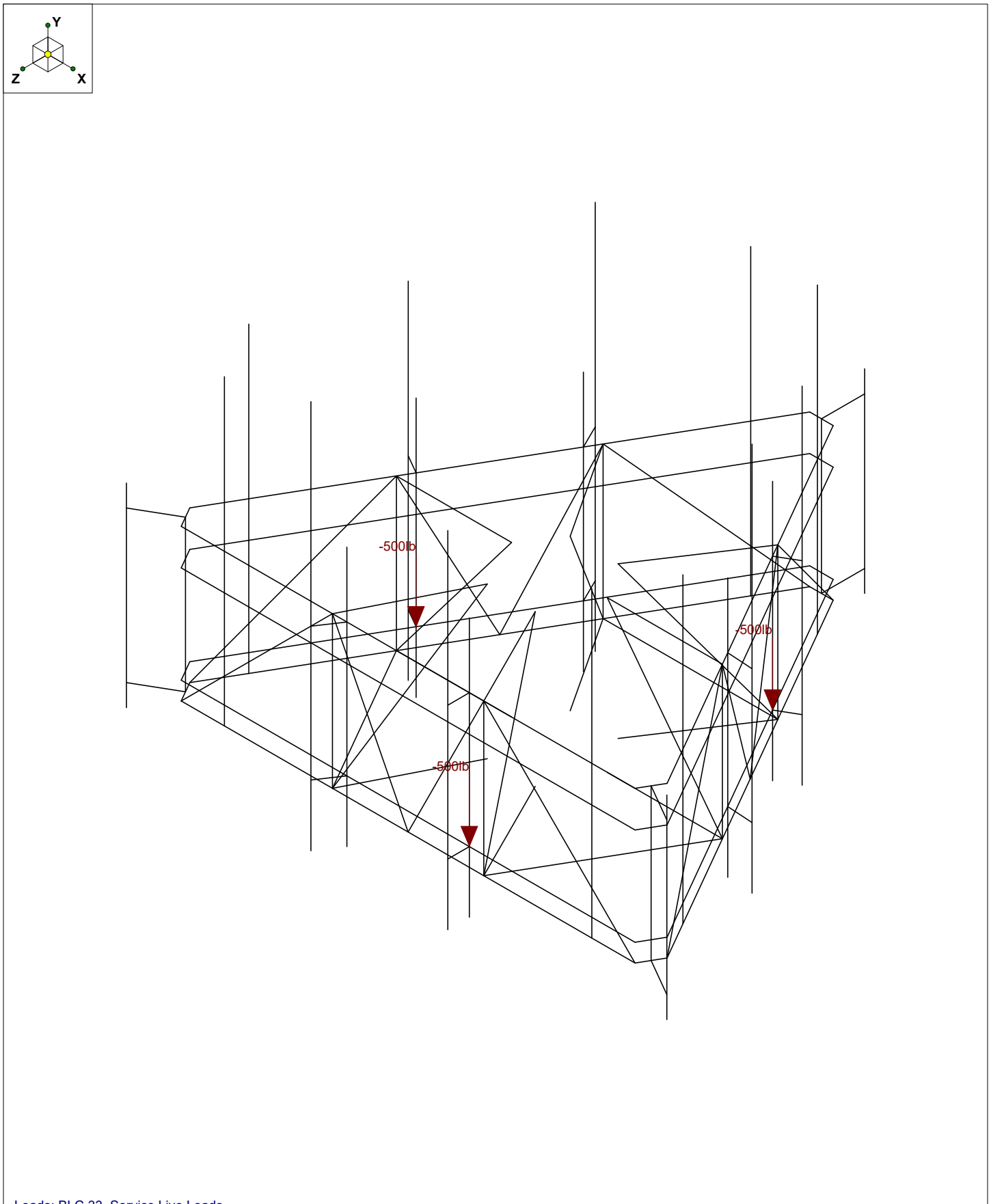
Loads: BLC 31, Seismic Load Z

Infinigy Engineering, PLLC.	CTL01057	Seismic Load AZI 000
TM		Sept 5, 2019 at 11:32 AM
1106-A0001-B		CTL01057_loaded.r3d



Loads: BLC 32, Seismic Load X

Infinigy Engineering, PLLC.	CTL01057	Seismic Load AZI 090
TM		Sept 5, 2019 at 11:32 AM
1106-A0001-B		CTL01057_loaded.r3d



Loads: BLC 33, Service Live Loads

Infinigy Engineering, PLLC.	CTL01057	Service Load
TM		Sept 5, 2019 at 11:32 AM
1106-A0001-B		CTL01057_loaded.r3d

Program Inputs

Project Information		
Client:	Smartlink	
Carrier:	AT&T	
Engineer:	TM	

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Infinigy Wind Load Calculator V1.2.0

Code Standards		
Building Code:	2015 IBC	
TIA Standard:	TIA-222-H	
ASCE Standard:	ASCE 7-10	

Mount Information		
Mount Type:	Platform	
Num Sectors:	3	
Centerline AGL:	185.0	ft
Roof Height AGL:	189.0	ft

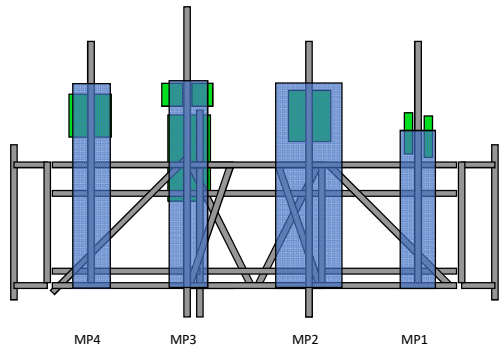
Site Information		
Risk Category:	II	
Exposure Category:	B	
Topo Category:	1	
Site Class:	D - Stiff Soil	
Ground Elevation:	1045	ft

Wind and Ice Data		
Ultimate Wind:	117	mph
Basic Wind:	91	mph
Ice Wind:	50	mph
Ice Thickness:	1.275	in

Topographic Data		
Topo Feature:	N/A	
Crest Height:	N/A	ft
Slope Distance:	N/A	ft
Crest Distance:	N/A	ft

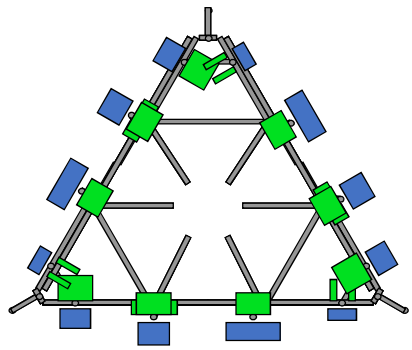
Seismic Data		
S_s:	0.18	g
S_1:	0.07	g
a_p:	1.0	
R_p:	2.50	
Ω_o:	1.0	
S_{DS}:	0.19	
S_{D1}:	0.10	
F_a:	1.60	
F_v:	2.40	

Elevation View



*Alpha Sector Only, Facing Tower

Plan View



*Alpha Sector at Bottom

Appurtenance Information**

Appurtenance Name	Elevation	Qty.	q_z (psf)	EPA_N (ft^2)	EPA_T (ft^2)	Wind F_z (lbs)	Wind F_x (lbs)	Weight (lbs)	Seismic F (lbs)	Member (α sector)
POWERWAVE 7770	185.0	3	37.77	5.51	2.93	187.23	99.53	35.00	3.40	MP1
CCI DMP65R-BU6D	185.0	3	37.77	12.71	5.62	431.98	190.86	79.40	7.71	MP2
QUINTEL TECHNOLOGY QS66512-2	185.0	3	37.77	8.13	6.80	276.45	231.13	111.00	10.77	MP3
CCI HPA-65R-BU6AA	185.0	3	37.77	7.86	6.02	267.29	204.58	43.00	4.17	MP4
POWERWAVE LGP 21401	185.0	3	37.77	1.10	0.35	37.52	11.80	14.10	1.37	MP1
POWERWAVE LGP 21401	185.0	3	37.77	1.10	0.35	37.52	11.80	14.10	1.37	MP1
RAYCAP DC6-48-60-18-8F	185.0	3	37.77	2.90	2.90	98.59	98.59	32.80	3.18	Leg/Flush
ERICSSON 4449 B5/B12	185.0	3	37.77	1.97	1.41	66.87	47.86	71.00	6.89	MP2
KAELUS DBC0061F1V51-2	185.0	3	37.77	0.41	0.43	14.05	14.73	25.40	2.47	MP3
KAELUS DBC0061F1V51-2	185.0	3	37.77	0.41	0.43	14.05	14.73	25.40	2.47	MP3
ERICSSON RRUS-32 B30	185.0	3	37.77	3.31	2.42	112.64	82.38	77.00	7.47	MP3
ERICSSON 8843 B2/B66A	185.0	3	37.77	1.64	1.35	55.71	46.00	72.00	6.99	MP4

**Dish calculations differ from those in display

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rules
1	M1	B1	N45A		120	Corner Chan...	Beam	None	A36 Gr.36	Typical
2	M2	B3	N47			Corner Chan...	Beam	None	A36 Gr.36	Typical
3	M3	B2	N46		240	Corner Chan...	Beam	None	A36 Gr.36	Typical
4	M4	P1	P6			RIGID	None	None	RIGID	Typical
5	M5	P5	P4			RIGID	None	None	RIGID	Typical
6	M6	P2	P3			RIGID	None	None	RIGID	Typical
7	M7	P1	P2			Braces	Beam	None	A36 Gr.36	Typical
8	M8	P3	P4			Braces	Beam	None	A36 Gr.36	Typical
9	M9	P5	P6			Braces	Beam	None	A36 Gr.36	Typical
10	M10	HRP6	HRP5			Braces	Beam	None	A36 Gr.36	Typical
11	M11	HRP4	HRP3			Braces	Beam	None	A36 Gr.36	Typical
12	M12	HRP1	HRP2			Braces	Beam	None	A36 Gr.36	Typical
13	M13	P1	N54			Braces	Beam	None	A36 Gr.36	Typical
14	M14	N54	T1			Braces	Beam	None	A36 Gr.36	Typical
15	M15	N55	T2			Braces	Beam	None	A36 Gr.36	Typical
16	M16	N55	P2			Braces	Beam	None	A36 Gr.36	Typical
17	M17	P6	N59			Braces	Beam	None	A36 Gr.36	Typical
18	M18	N59	T6			Braces	Beam	None	A36 Gr.36	Typical
19	M19	N58	T5			Braces	Beam	None	A36 Gr.36	Typical
20	M20	N58	P5			Braces	Beam	None	A36 Gr.36	Typical
21	M21	P4	N57			Braces	Beam	None	A36 Gr.36	Typical
22	M22	N57	T4			Braces	Beam	None	A36 Gr.36	Typical
23	M23	N56	T3			Braces	Beam	None	A36 Gr.36	Typical
24	M24	P3	N56			Braces	Beam	None	A36 Gr.36	Typical
25	M25	T1	T6			Braces	Beam	None	A36 Gr.36	Typical
26	M26	T1	N45			Braces	Beam	None	A36 Gr.36	Typical
27	M27	T6	N44			Braces	Beam	None	A36 Gr.36	Typical
28	M28	T2	N40			Braces	Beam	None	A36 Gr.36	Typical
29	M29	T2	T3			Braces	Beam	None	A36 Gr.36	Typical
30	M30	T3	N41A			Braces	Beam	None	A36 Gr.36	Typical
31	M31	T5	N43			Braces	Beam	None	A36 Gr.36	Typical
32	M32	T4	N42			Braces	Beam	None	A36 Gr.36	Typical
33	M33	T5	T4			Braces	Beam	None	A36 Gr.36	Typical
34	M34	HRP1	HRP6			RIGID	None	None	RIGID	Typical
35	M35	HRP5	HRP4			RIGID	None	None	RIGID	Typical
36	M36	HRP2	HRP3			RIGID	None	None	RIGID	Typical
37	M37	N54	N53			Braces	Beam	None	A36 Gr.36	Typical
38	M38	N55	N48			Braces	Beam	None	A36 Gr.36	Typical
39	M39	N56	N49			Braces	Beam	None	A36 Gr.36	Typical
40	M40	N57	N50			Braces	Beam	None	A36 Gr.36	Typical
41	M41	N58	N51			Braces	Beam	None	A36 Gr.36	Typical
42	M42	N59	N52			Braces	Beam	None	A36 Gr.36	Typical
43	M43	T6	N52			Braces	Beam	None	A36 Gr.36	Typical
44	M44	T5	N51			Braces	Beam	None	A36 Gr.36	Typical
45	M45	T4	N50			Braces	Beam	None	A36 Gr.36	Typical
46	M46	T3	N49			Braces	Beam	None	A36 Gr.36	Typical
47	M47	T2	N48			Braces	Beam	None	A36 Gr.36	Typical
48	M48	T1	N53			Braces	Beam	None	A36 Gr.36	Typical
49	M49	N71	N66			Corner Plate	Beam	None	A36 Gr.36	Typical
50	M50	N70	N69			Corner Plate	Beam	None	A36 Gr.36	Typical
51	M51	N67	N68			Corner Plate	Beam	None	A36 Gr.36	Typical
52	M52	N60	N65			Corner Plate	Beam	None	A36 Gr.36	Typical
53	M53	N64	N63			Corner Plate	Beam	None	A36 Gr.36	Typical
54	M54	N61	N62			Corner Plate	Beam	None	A36 Gr.36	Typical
55	M69	N165	N180			Mount Pipe	Beam	None	A53 GR B	Typical
56	M72	N181	N162A			Mount Pipe	Beam	None	A53 GR B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rules
57	M75	N162	N163			Mount Pipe	Beam	None	A53 GR B	Typical
58	M85	N45A	N191		90	C5x6.7	Beam	None	A36 Gr.36	Typical
59	M86	B1	N190		90	C5x6.7	Beam	None	A36 Gr.36	Typical
60	M87	N192B	N193C		100	L5x5x5	Beam	None	A36 Gr.36	Typical
61	M88	N46	N198C		90	C5x6.7	Beam	None	A36 Gr.36	Typical
62	M89	N47	N185A		90	C5x6.7	Beam	None	A36 Gr.36	Typical
63	M90	B2	N197C		90	C5x6.7	Beam	None	A36 Gr.36	Typical
64	M91	B3	N184A		90	C5x6.7	Beam	None	A36 Gr.36	Typical
65	M92	N199C	N200A		345	L5x5x5	Beam	None	A36 Gr.36	Typical
66	M93	N186	N187		220	L5x5x5	Beam	None	A36 Gr.36	Typical
67	M94	N207B	N215			RIGID	None	None	RIGID	Typical
68	M95	N194B	N214			RIGID	None	None	RIGID	Typical
69	M96	N209A	N207C			RIGID	None	None	RIGID	Typical
70	M97	N194C	N206C			RIGID	None	None	RIGID	Typical
71	M98	N211A	N214A			RIGID	None	None	RIGID	Typical
72	M99	N206	N213A			RIGID	None	None	RIGID	Typical
73	M100	N191B	N190B			Mount Pipe	Beam	None	A53 GR B	Typical
74	M101	N203B	N202B			Mount Pipe	Beam	None	A53 GR B	Typical
75	M102	N191A	N190C			Mount Pipe	Beam	None	A53 GR B	Typical
76	MP1	N90	N87			Mount Pipe	Beam	None	A53 GR B	Typical
77	MP2	N211B	N210			Mount Pipe	Beam	None	A53 GR B	Typical
78	MP3	N198A	N197A			Mount Pipe	Beam	None	A53 GR B	Typical
79	MP4	N89	N86			Mount Pipe	Beam	None	A53 GR B	Typical
80	MP5	N179	N177			Mount Pipe	Beam	None	A53 GR B	Typical
81	MP6	N210A	N209B			Mount Pipe	Beam	None	A53 GR B	Typical
82	MP8	N178	N176			Mount Pipe	Beam	None	A53 GR B	Typical
83	MP9	N161A	N159A			Mount Pipe	Beam	None	A53 GR B	Typical
84	MP10	N203	N202			Mount Pipe	Beam	None	A53 GR B	Typical
85	MP12	N207A	N206B			Mount Pipe	Beam	None	A53 GR B	Typical
86	M115	N218	N204B			RIGID	None	None	RIGID	Typical
87	M116	N217	N208			RIGID	None	None	RIGID	Typical
88	M117	N214B	N213B			Mount Pipe	Beam	None	A53 GR B	Typical
89	MP11	N209C	N208A			Mount Pipe	Beam	None	A53 GR B	Typical
90	M117A	N219	N212C			RIGID	None	None	RIGID	Typical
91	M118	N218A	N213C			RIGID	None	None	RIGID	Typical
92	M119	N215B	N214C			Mount Pipe	Beam	None	A53 GR B	Typical
93	MP7	N222	N221			Mount Pipe	Beam	None	A53 GR B	Typical
94	M121	N232	N225			RIGID	None	None	RIGID	Typical
95	M122	N231	N226			RIGID	None	None	RIGID	Typical
96	M123	N228	N227			Mount Pipe	Beam	None	A53 GR B	Typical
97	M97A	N65	N64		270	P1000	Beam	None	A570 Gr....	Typical
98	M98A	N63	N62		270	P1000	Beam	None	A570 Gr....	Typical
99	M99A	N61	N60		270	P1000	Beam	None	A570 Gr....	Typical
100	M100A	N66	N67		270	P1000	Beam	None	A570 Gr....	Typical
101	M101A	N68	N69		270	P1000	Beam	None	A570 Gr....	Typical
102	M102A	N70	N71		270	P1000	Beam	None	A570 Gr....	Typical
103	M103	N54	N227A			Braces	Beam	None	A36 Gr.36	Typical
104	M104	N227A	N55			Braces	Beam	None	A36 Gr.36	Typical
105	M105	N56	N233			Braces	Beam	None	A36 Gr.36	Typical
106	M106	N233	N57			Braces	Beam	None	A36 Gr.36	Typical
107	M107	N58	N239			Braces	Beam	None	A36 Gr.36	Typical
108	M108	N239	N59			Braces	Beam	None	A36 Gr.36	Typical

Hot Rolled Steel Design Parameters

	Label	Shape	Length[i...	Lbyy[in]	Lbzz[in]	Lcomp top[...	Lcomp bot[...	L-torque[i...	Kyy	Kzz	Cb	Functi...
1	M1	Corner Channels	42			Lbyy						Lateral
2	M2	Corner Channels	42			Lbyy						Lateral
3	M3	Corner Channels	42			Lbyy						Lateral
4	M7	Braces	126	Segment	Segment	Segment	Segment	Segment				Lateral
5	M8	Braces	126.001	Segment	Segment	Segment	Segment	Segment				Lateral
6	M9	Braces	126.001	Segment	Segment	Segment	Segment	Segment				Lateral
7	M10	Braces	126.001	Segment	Segment	Segment	Segment	Segment				Lateral
8	M11	Braces	126.001	Segment	Segment	Segment	Segment	Segment				Lateral
9	M12	Braces	126	Segment	Segment	Segment	Segment	Segment				Lateral
10	M13	Braces	59.397			Lbyy						Lateral
11	M14	Braces	42			Lbyy						Lateral
12	M15	Braces	42			Lbyy						Lateral
13	M16	Braces	59.397			Lbyy						Lateral
14	M17	Braces	59.395			Lbyy						Lateral
15	M18	Braces	42			Lbyy						Lateral
16	M19	Braces	42			Lbyy						Lateral
17	M20	Braces	59.395			Lbyy						Lateral
18	M21	Braces	59.395			Lbyy						Lateral
19	M22	Braces	42			Lbyy						Lateral
20	M23	Braces	42			Lbyy						Lateral
21	M24	Braces	59.395			Lbyy						Lateral
22	M25	Braces	48.498			Lbyy						Lateral
23	M26	Braces	32.016			Lbyy						Lateral
24	M27	Braces	31.957			Lbyy						Lateral
25	M28	Braces	32.016			Lbyy						Lateral
26	M29	Braces	48.498			Lbyy						Lateral
27	M30	Braces	31.957			Lbyy						Lateral
28	M31	Braces	32.013			Lbyy						Lateral
29	M32	Braces	32.013			Lbyy						Lateral
30	M33	Braces	48.5			Lbyy						Lateral
31	M37	Braces	32.016			Lbyy						Lateral
32	M38	Braces	32.016			Lbyy						Lateral
33	M39	Braces	31.957			Lbyy						Lateral
34	M40	Braces	32.013			Lbyy						Lateral
35	M41	Braces	32.013			Lbyy						Lateral
36	M42	Braces	31.957			Lbyy						Lateral
37	M43	Braces	52.776			Lbyy						Lateral
38	M44	Braces	52.809			Lbyy						Lateral
39	M45	Braces	52.809			Lbyy						Lateral
40	M46	Braces	52.776			Lbyy						Lateral
41	M47	Braces	52.811			Lbyy						Lateral
42	M48	Braces	52.811			Lbyy						Lateral
43	M49	Corner Plate	6.501			Lbyy						Lateral
44	M50	Corner Plate	6.5			Lbyy						Lateral
45	M51	Corner Plate	6.501			Lbyy						Lateral
46	M52	Corner Plate	6.501			Lbyy						Lateral
47	M53	Corner Plate	6.5			Lbyy						Lateral
48	M54	Corner Plate	6.501			Lbyy						Lateral
49	M69	Mount Pipe	18.507			Lbyy						Lateral
50	M72	Mount Pipe	18.507			Lbyy						Lateral
51	M75	Mount Pipe	18.507			Lbyy						Lateral
52	M85	C5x6.7	11.997			Lbyy						Lateral
53	M86	C5x6.7	11.997			Lbyy						Lateral
54	M87	L5x5x5	54			Lbyy						Lateral
55	M88	C5x6.7	11.989			Lbyy						Lateral
56	M89	C5x6.7	12			Lbyy						Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[i...	Lbyy[in]	Lbzz[in]	Lcomp top[...	Lcomp bot[...	L-torque[i...	Kyy	Kzz	Cb	Functi...
57	M90	C5x6.7	11.989			Lbyy						Lateral
58	M91	C5x6.7	12			Lbyy						Lateral
59	M92	L5x5x5	54			Lbyy						Lateral
60	M93	L5x5x5	54			Lbyy						Lateral
61	M100	Mount Pipe	72			Lbyy						Lateral
62	M101	Mount Pipe	72			Lbyy						Lateral
63	M102	Mount Pipe	72			Lbyy						Lateral
64	MP1	Mount Pipe	84			Lbyy						Lateral
65	MP2	Mount Pipe	96			Lbyy						Lateral
66	MP3	Mount Pipe	108			Lbyy						Lateral
67	MP4	Mount Pipe	84			Lbyy						Lateral
68	MP5	Mount Pipe	84			Lbyy						Lateral
69	MP6	Mount Pipe	96			Lbyy						Lateral
70	MP8	Mount Pipe	84			Lbyy						Lateral
71	MP9	Mount Pipe	84			Lbyy						Lateral
72	MP10	Mount Pipe	96			Lbyy						Lateral
73	MP12	Mount Pipe	84			Lbyy						Lateral
74	M117	Mount Pipe	72			Lbyy						Lateral
75	MP11	Mount Pipe	108			Lbyy						Lateral
76	M119	Mount Pipe	72			Lbyy						Lateral
77	MP7	Mount Pipe	108			Lbyy						Lateral
78	M123	Mount Pipe	72			Lbyy						Lateral
79	M103	Braces	46.957			Lbyy						Lateral
80	M104	Braces	46.957			Lbyy						Lateral
81	M105	Braces	46.96			Lbyy						Lateral
82	M106	Braces	46.958			Lbyy						Lateral
83	M107	Braces	46.958			Lbyy						Lateral
84	M108	Braces	46.96			Lbyy						Lateral

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes				None
3	M3						Yes				None
4	M4						Yes	** NA **			None
5	M5						Yes	** NA **			None
6	M6						Yes	** NA **			None
7	M7						Yes				None
8	M8						Yes				None
9	M9						Yes				None
10	M10						Yes				None
11	M11						Yes				None
12	M12						Yes				None
13	M13						Yes				None
14	M14						Yes				None
15	M15						Yes				None
16	M16						Yes				None
17	M17						Yes				None
18	M18						Yes				None
19	M19						Yes				None
20	M20						Yes				None
21	M21						Yes				None
22	M22						Yes				None
23	M23						Yes				None
24	M24						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
25	M25						Yes				None
26	M26						Yes				None
27	M27						Yes				None
28	M28						Yes				None
29	M29						Yes				None
30	M30						Yes				None
31	M31						Yes				None
32	M32						Yes				None
33	M33						Yes				None
34	M34						Yes	** NA **			None
35	M35						Yes	** NA **			None
36	M36						Yes	** NA **			None
37	M37						Yes				None
38	M38						Yes				None
39	M39						Yes				None
40	M40						Yes				None
41	M41						Yes				None
42	M42						Yes				None
43	M43						Yes				None
44	M44						Yes				None
45	M45						Yes				None
46	M46						Yes				None
47	M47						Yes				None
48	M48						Yes				None
49	M49						Yes				None
50	M50						Yes				None
51	M51						Yes				None
52	M52						Yes				None
53	M53						Yes				None
54	M54						Yes				None
55	M69						Yes	Default		Inactive	None
56	M72						Yes	Default		Inactive	None
57	M75						Yes	Default		Inactive	None
58	M85						Yes				None
59	M86						Yes				None
60	M87						Yes				None
61	M88						Yes				None
62	M89						Yes				None
63	M90						Yes				None
64	M91						Yes				None
65	M92						Yes				None
66	M93						Yes				None
67	M94						Yes	** NA **			None
68	M95						Yes	** NA **			None
69	M96						Yes	** NA **			None
70	M97						Yes	** NA **			None
71	M98						Yes	** NA **			None
72	M99						Yes	** NA **			None
73	M100						Yes				None
74	M101						Yes				None
75	M102						Yes				None
76	MP1						Yes				None
77	MP2						Yes				None
78	MP3						Yes				None
79	MP4						Yes				None
80	MP5						Yes				None
81	MP6						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
82	MP8						Yes				None
83	MP9						Yes				None
84	MP10						Yes				None
85	MP12						Yes				None
86	M115						Yes	** NA **			None
87	M116						Yes	** NA **			None
88	M117						Yes				None
89	MP11						Yes				None
90	M117A						Yes	** NA **			None
91	M118						Yes	** NA **			None
92	M119						Yes				None
93	MP7						Yes				None
94	M121						Yes	** NA **			None
95	M122						Yes	** NA **			None
96	M123						Yes				None
97	M97A						Yes				None
98	M98A						Yes				None
99	M99A						Yes				None
100	M100A						Yes				None
101	M101A						Yes				None
102	M102A						Yes				None
103	M103						Yes				None
104	M104						Yes				None
105	M105						Yes				None
106	M106						Yes				None
107	M107						Yes				None
108	M108						Yes				None

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	L5x5x5	L5X5X5	Beam	None	A36 Gr.36	Typical	3.07	7.44	7.44	.108
2	C5x6.7	C5X6.7	Beam	None	A36 Gr.36	Typical	1.97	.47	7.48	.055
3	Corner Chann...	C3X6	Beam	None	A36 Gr.36	Typical	1.76	.3	2.07	.072
4	Braces	HSS 1"x 1" x ...	Beam	None	A36 Gr.36	Typical	.438	.057	.057	.084
5	Corner Plate	PL7x0.375	Beam	None	A36 Gr.36	Typical	2.625	.031	10.719	.119
6	Mount Pipe	PIPE_2.0	Beam	None	A53 GR B	Typical	1.02	.627	.627	1.25

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Self Weight	DL		-1			45		6	
2	Wind Load AZI 0	WLZ					90			
3	Wind Load AZI 30	None					90			
4	Wind Load AZI 60	None					90			
5	Wind Load AZI 90	WLX					90			
6	Wind Load AZI 120	None					90			
7	Wind Load AZI 150	None					90			
8	Wind Load AZI 180	None					90			
9	Wind Load AZI 210	None					90			
10	Wind Load AZI 240	None					90			
11	Wind Load AZI 270	None					90			
12	Wind Load AZI 300	None					90			
13	Wind Load AZI 330	None					90			
14	Distr. Wind Load Z	WLZ						108		
15	Distr. Wind Load X	WLX						108		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
16	Ice Weight	OL1					45	108	6	
17	Ice Wind Load AZI 0	OL2					90			
18	Ice Wind Load AZI 30	None					90			
19	Ice Wind Load AZI 60	None					90			
20	Ice Wind Load AZI 90	OL3					90			
21	Ice Wind Load AZI 120	None					90			
22	Ice Wind Load AZI 150	None					90			
23	Ice Wind Load AZI 180	None					90			
24	Ice Wind Load AZI 210	None					90			
25	Ice Wind Load AZI 240	None					90			
26	Ice Wind Load AZI 270	None					90			
27	Ice Wind Load AZI 300	None					90			
28	Ice Wind Load AZI 330	None					90			
29	Distr. Ice Wind Load Z	OL2						108		
30	Distr. Ice Wind Load X	OL3						108		
31	Seismic Load Z	ELZ			-.097		45			
32	Seismic Load X	ELX	-.097				45			
33	Service Live Loads	LL				3				
34	Maintenance Load 1	LL				1				
35	Maintenance Load 2	LL				1				
36	Maintenance Load 3	LL				1				
37	Maintenance Load 4	LL				1				
38	Maintenance Load 5	LL				1				
39	Maintenance Load 6	LL				1				
40	Maintenance Load 7	LL				1				
41	Maintenance Load 8	LL				1				
42	Maintenance Load 9	LL				1				
43	Maintenance Load 10	LL				1				
44	Maintenance Load 11	LL				1				
45	Maintenance Load 12	LL				1				
46	BLC 1 Transient Area Loads	None						84		
47	BLC 16 Transient Area Lo...	None						84		

Load Combinations

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.4DL	Yes	Y		1	1.4																		
2	1.2DL + 1WL AZI 0	Yes	Y		1	1.2	2	1	14	1	15													
3	1.2DL + 1WL AZI 30	Yes	Y		1	1.2	3	1	14	.866	15	.5												
4	1.2DL + 1WL AZI 60	Yes	Y		1	1.2	4	1	14	.5	15	.866												
5	1.2DL + 1WL AZI 90	Yes	Y		1	1.2	5	1	14		15	1												
6	1.2DL + 1WL AZI 120	Yes	Y		1	1.2	6	1	14	-.5	15	.866												
7	1.2DL + 1WL AZI 150	Yes	Y		1	1.2	7	1	14	-.866	15	.5												
8	1.2DL + 1WL AZI 180	Yes	Y		1	1.2	8	1	14	-1	15													
9	1.2DL + 1WL AZI 210	Yes	Y		1	1.2	9	1	14	-.866	15	-.5												
10	1.2DL + 1WL AZI 240	Yes	Y		1	1.2	10	1	14	-.5	15	-.866												
11	1.2DL + 1WL AZI 270	Yes	Y		1	1.2	11	1	14		15	-1												
12	1.2DL + 1WL AZI 300	Yes	Y		1	1.2	12	1	14	.5	15	-.866												
13	1.2DL + 1WL AZI 330	Yes	Y		1	1.2	13	1	14	.866	15	-.5												
14	0.9DL + 1WL AZI 0	Yes	Y		1	.9	2	1	14	1	15													
15	0.9DL + 1WL AZI 30	Yes	Y		1	.9	3	1	14	.866	15	.5												
16	0.9DL + 1WL AZI 60	Yes	Y		1	.9	4	1	14	.5	15	.866												
17	0.9DL + 1WL AZI 90	Yes	Y		1	.9	5	1	14		15	1												
18	0.9DL + 1WL AZI 120	Yes	Y		1	.9	6	1	14	-.5	15	.866												
19	0.9DL + 1WL AZI 150	Yes	Y		1	.9	7	1	14	-.866	15	.5												
20	0.9DL + 1WL AZI 180	Yes	Y		1	.9	8	1	14	-1	15													

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
21	0.9DL + 1WL AZI 210	Yes	Y		1	.9	9	1	14	-.866	15	-.5												
22	0.9DL + 1WL AZI 240	Yes	Y		1	.9	10	1	14	-.5	15	-.866												
23	0.9DL + 1WL AZI 270	Yes	Y		1	.9	11	1	14		15	-1												
24	0.9DL + 1WL AZI 300	Yes	Y		1	.9	12	1	14	.5	15	-.866												
25	0.9DL + 1WL AZI 330	Yes	Y		1	.9	13	1	14	.866	15	-.5												
26	1.2D + 1.0Di	Yes	Y		1	1.2	16	1																
27	1.2D + 1.0Di +1.0Wi AZI 0	Yes	Y		1	1.2	16	1	17	1	29	1	30											
28	1.2D + 1.0Di +1.0Wi AZI 30	Yes	Y		1	1.2	16	1	18	1	29	.866	30	.5										
29	1.2D + 1.0Di +1.0Wi AZI 60	Yes	Y		1	1.2	16	1	19	1	29	.5	30	.866										
30	1.2D + 1.0Di +1.0Wi AZI 90	Yes	Y		1	1.2	16	1	20	1	29		30	1										
31	1.2D + 1.0Di +1.0Wi AZI 120	Yes	Y		1	1.2	16	1	21	1	29	-.5	30	.866										
32	1.2D + 1.0Di +1.0Wi AZI 150	Yes	Y		1	1.2	16	1	22	1	29	-.866	30	.5										
33	1.2D + 1.0Di +1.0Wi AZI 180	Yes	Y		1	1.2	16	1	23	1	29	-1	30											
34	1.2D + 1.0Di +1.0Wi AZI 210	Yes	Y		1	1.2	16	1	24	1	29	-.866	30	-.5										
35	1.2D + 1.0Di +1.0Wi AZI 240	Yes	Y		1	1.2	16	1	25	1	29	-.5	30	-.866										
36	1.2D + 1.0Di +1.0Wi AZI 270	Yes	Y		1	1.2	16	1	26	1	29		30	-1										
37	1.2D + 1.0Di +1.0Wi AZI 300	Yes	Y		1	1.2	16	1	27	1	29	.5	30	-.866										
38	1.2D + 1.0Di +1.0Wi AZI 330	Yes	Y		1	1.2	16	1	28	1	29	.866	30	-.5										
39	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.2...	31	1	32															
40	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.2...	31	.866	32	.5														
41	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.2...	31	.5	32	.866														
42	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.2...	31		32	1														
43	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.2...	31	-.5	32	.866														
44	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.2...	31	-.866	32	.5														
45	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.2...	31	-1	32															
46	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.2...	31	-.866	32	-.5														
47	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.2...	31	-.5	32	-.866														
48	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.2...	31		32	-1														
49	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.2...	31	.5	32	-.866														
50	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.2...	31	.866	32	-.5														
51	(0.9 - 0.2Sds)DL + 1.0E AZ...	Yes	Y		1	.861	31	1	32															
52	(0.9 - 0.2Sds)DL + 1.0E AZ...	Yes	Y		1	.861	31	.866	32	.5														
53	(0.9 - 0.2Sds)DL + 1.0E AZ...	Yes	Y		1	.861	31	.5	32	.866														
54	(0.9 - 0.2Sds)DL + 1.0E AZ...	Yes	Y		1	.861	31		32	1														
55	(0.9 - 0.2Sds)DL + 1.0E AZ...	Yes	Y		1	.861	31	-.5	32	.866														
56	(0.9 - 0.2Sds)DL + 1.0E AZ...	Yes	Y		1	.861	31	-.866	32	.5														
57	(0.9 - 0.2Sds)DL + 1.0E AZ...	Yes	Y		1	.861	31	-1	32															
58	(0.9 - 0.2Sds)DL + 1.0E AZ...	Yes	Y		1	.861	31	-.866	32	-.5														
59	(0.9 - 0.2Sds)DL + 1.0E AZ...	Yes	Y		1	.861	31	-.5	32	-.866														
60	(0.9 - 0.2Sds)DL + 1.0E AZ...	Yes	Y		1	.861	31		32	-1														
61	(0.9 - 0.2Sds)DL + 1.0E AZ...	Yes	Y		1	.861	31	.5	32	-.866														
62	(0.9 - 0.2Sds)DL + 1.0E AZ...	Yes	Y		1	.861	31	.866	32	-.5														
63	1.0DL + 1.5LL + 1.0SWL (6...	Yes	Y		1	1	2	.263	14	.263	15		33	1.5										
64	1.0DL + 1.5LL + 1.0SWL (6...	Yes	Y		1	1	3	.263	14	.228	15	.131	33	1.5										
65	1.0DL + 1.5LL + 1.0SWL (6...	Yes	Y		1	1	4	.263	14	.131	15	.228	33	1.5										
66	1.0DL + 1.5LL + 1.0SWL (6...	Yes	Y		1	1	5	.263	14		15	.263	33	1.5										
67	1.0DL + 1.5LL + 1.0SWL (6...	Yes	Y		1	1	6	.263	14	-.131	15	.228	33	1.5										
68	1.0DL + 1.5LL + 1.0SWL (6...	Yes	Y		1	1	7	.263	14	-.228	15	.131	33	1.5										
69	1.0DL + 1.5LL + 1.0SWL (6...	Yes	Y		1	1	8	.263	14	-.263	15		33	1.5										
70	1.0DL + 1.5LL + 1.0SWL (6...	Yes	Y		1	1	9	.263	14	-.228	15	-.131	33	1.5										
71	1.0DL + 1.5LL + 1.0SWL (6...	Yes	Y		1	1	10	.263	14	-.131	15	-.228	33	1.5										
72	1.0DL + 1.5LL + 1.0SWL (6...	Yes	Y		1	1	11	.263	14		15	-.263	33	1.5										
73	1.0DL + 1.5LL + 1.0SWL (6...	Yes	Y		1	1	12	.263	14	.131	15	-.228	33	1.5										
74	1.0DL + 1.5LL + 1.0SWL (6...	Yes	Y		1	1	13	.263	14	.228	15	-.131	33	1.5										
75	1.2DL + 1.5LL	Yes	Y		1	1.2	33	1.5																
76	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	2	.066	14	.066	15											
77	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	3	.066	14	.057	15	.033										

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
78	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	4	.066	14	.033	15	.057										
79	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	5	.066	14		15	.066										
80	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	6	.066	14	-.033	15	.057										
81	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	7	.066	14	-.057	15	.033										
82	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	8	.066	14	-.066	15											
83	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	9	.066	14	-.057	15	-.033										
84	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	10	.066	14	-.033	15	-.057										
85	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	11	.066	14		15	-.066										
86	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	12	.066	14	.033	15	-.057										
87	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	13	.066	14	.057	15	-.033										
88	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	2	.066	14	.066	15											
89	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	3	.066	14	.057	15	.033										
90	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	4	.066	14	.033	15	.057										
91	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	5	.066	14		15	.066										
92	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	6	.066	14	-.033	15	.057										
93	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	7	.066	14	-.057	15	.033										
94	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	8	.066	14	-.066	15											
95	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	9	.066	14	-.057	15	-.033										
96	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	10	.066	14	-.033	15	-.057										
97	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	11	.066	14		15	-.066										
98	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	12	.066	14	.033	15	-.057										
99	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	13	.066	14	.057	15	-.033										
100	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	2	.066	14	.066	15											
101	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	3	.066	14	.057	15	.033										
102	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	4	.066	14	.033	15	.057										
103	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	5	.066	14		15	.066										
104	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	6	.066	14	-.033	15	.057										
105	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	7	.066	14	-.057	15	.033										
106	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	8	.066	14	-.066	15											
107	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	9	.066	14	-.057	15	-.033										
108	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	10	.066	14	-.033	15	-.057										
109	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	11	.066	14		15	-.066										
110	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	12	.066	14	.033	15	-.057										
111	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	13	.066	14	.057	15	-.033										
112	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	2	.066	14	.066	15											
113	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	3	.066	14	.057	15	.033										
114	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	4	.066	14	.033	15	.057										
115	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	5	.066	14		15	.066										
116	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	6	.066	14	-.033	15	.057										
117	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	7	.066	14	-.057	15	.033										
118	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	8	.066	14	-.066	15											
119	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	9	.066	14	-.057	15	-.033										
120	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	10	.066	14	-.033	15	-.057										
121	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	11	.066	14		15	-.066										
122	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	12	.066	14	.033	15	-.057										
123	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	13	.066	14	.057	15	-.033										
124	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	2	.066	14	.066	15											
125	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	3	.066	14	.057	15	.033										
126	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	4	.066	14	.033	15	.057										
127	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	5	.066	14		15	.066										
128	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	6	.066	14	-.033	15	.057										
129	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	7	.066	14	-.057	15	.033										
130	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	8	.066	14	-.066	15											
131	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	9	.066	14	-.057	15	-.033										
132	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	10	.066	14	-.033	15	-.057										
133	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	11	.066	14		15	-.066										
134	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	12	.066	14	.033	15	-.057										

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
135	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	13	.066	14	.057	15	-.033										
136	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	2	.066	14	.066	15											
137	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	3	.066	14	.057	15	.033										
138	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	4	.066	14	.033	15	.057										
139	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	5	.066	14		15	.066										
140	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	6	.066	14	-.033	15	.057										
141	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	7	.066	14	-.057	15	.033										
142	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	8	.066	14	-.066	15											
143	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	9	.066	14	-.057	15	-.033										
144	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	10	.066	14	-.033	15	-.057										
145	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	11	.066	14		15	-.066										
146	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	12	.066	14	.033	15	-.057										
147	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	13	.066	14	.057	15	-.033										
148	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	2	.066	14	.066	15											
149	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	3	.066	14	.057	15	.033										
150	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	4	.066	14	.033	15	.057										
151	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	5	.066	14		15	.066										
152	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	6	.066	14	-.033	15	.057										
153	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	7	.066	14	-.057	15	.033										
154	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	8	.066	14	-.066	15											
155	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	9	.066	14	-.057	15	-.033										
156	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	10	.066	14	-.033	15	-.057										
157	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	11	.066	14		15	-.066										
158	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	12	.066	14	.033	15	-.057										
159	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	13	.066	14	.057	15	-.033										
160	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	2	.066	14	.066	15											
161	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	3	.066	14	.057	15	.033										
162	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	4	.066	14	.033	15	.057										
163	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	5	.066	14		15	.066										
164	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	6	.066	14	-.033	15	.057										
165	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	7	.066	14	-.057	15	.033										
166	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	8	.066	14	-.066	15											
167	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	9	.066	14	-.057	15	-.033										
168	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	10	.066	14	-.033	15	-.057										
169	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	11	.066	14		15	-.066										
170	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	12	.066	14	.033	15	-.057										
171	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	13	.066	14	.057	15	-.033										
172	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	2	.066	14	.066	15											
173	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	3	.066	14	.057	15	.033										
174	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	4	.066	14	.033	15	.057										
175	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	5	.066	14		15	.066										
176	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	6	.066	14	-.033	15	.057										
177	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	7	.066	14	-.057	15	.033										
178	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	8	.066	14	-.066	15											
179	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	9	.066	14	-.057	15	-.033										
180	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	10	.066	14	-.033	15	-.057										
181	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	11	.066	14		15	-.066										
182	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	12	.066	14	.033	15	-.057										
183	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	13	.066	14	.057	15	-.033										
184	1.2DL + 1.5LM-MP10 + 1S...	Yes	Y		1	1.2	43	1.5	2	.066	14	.066	15											
185	1.2DL + 1.5LM-MP10 + 1S...	Yes	Y		1	1.2	43	1.5	3	.066	14	.057	15	.033										
186	1.2DL + 1.5LM-MP10 + 1S...	Yes	Y		1	1.2	43	1.5	4	.066	14	.033	15	.057										
187	1.2DL + 1.5LM-MP10 + 1S...	Yes	Y		1	1.2	43	1.5	5	.066	14		15	.066										
188	1.2DL + 1.5LM-MP10 + 1S...	Yes	Y		1	1.2	43	1.5	6	.066	14	-.033	15	.057										
189	1.2DL + 1.5LM-MP10 + 1S...	Yes	Y		1	1.2	43	1.5	7	.066	14	-.057	15	.033										
190	1.2DL + 1.5LM-MP10 + 1S...	Yes	Y		1	1.2	43	1.5	8	.066	14	-.066	15											
191	1.2DL + 1.5LM-MP10 + 1S...	Yes	Y		1	1.2	43	1.5	9	.066	14	-.057	15	-.033										

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
192	1.2DL + 1.5LM-MP10 + 1S...	Yes	Y		1	1.2	43	1.5	10	.066	14	-.033	15	-.057										
193	1.2DL + 1.5LM-MP10 + 1S...	Yes	Y		1	1.2	43	1.5	11	.066	14		15	-.066										
194	1.2DL + 1.5LM-MP10 + 1S...	Yes	Y		1	1.2	43	1.5	12	.066	14	.033	15	-.057										
195	1.2DL + 1.5LM-MP10 + 1S...	Yes	Y		1	1.2	43	1.5	13	.066	14	.057	15	-.033										
196	1.2DL + 1.5LM-MP11 + 1S...	Yes	Y		1	1.2	44	1.5	2	.066	14	.066	15											
197	1.2DL + 1.5LM-MP11 + 1S...	Yes	Y		1	1.2	44	1.5	3	.066	14	.057	15	.033										
198	1.2DL + 1.5LM-MP11 + 1S...	Yes	Y		1	1.2	44	1.5	4	.066	14	.033	15	.057										
199	1.2DL + 1.5LM-MP11 + 1S...	Yes	Y		1	1.2	44	1.5	5	.066	14		15	.066										
200	1.2DL + 1.5LM-MP11 + 1S...	Yes	Y		1	1.2	44	1.5	6	.066	14	-.033	15	.057										
201	1.2DL + 1.5LM-MP11 + 1S...	Yes	Y		1	1.2	44	1.5	7	.066	14	-.057	15	.033										
202	1.2DL + 1.5LM-MP11 + 1S...	Yes	Y		1	1.2	44	1.5	8	.066	14	-.066	15											
203	1.2DL + 1.5LM-MP11 + 1S...	Yes	Y		1	1.2	44	1.5	9	.066	14	-.057	15	-.033										
204	1.2DL + 1.5LM-MP11 + 1S...	Yes	Y		1	1.2	44	1.5	10	.066	14	-.033	15	-.057										
205	1.2DL + 1.5LM-MP11 + 1S...	Yes	Y		1	1.2	44	1.5	11	.066	14		15	-.066										
206	1.2DL + 1.5LM-MP11 + 1S...	Yes	Y		1	1.2	44	1.5	12	.066	14	.033	15	-.057										
207	1.2DL + 1.5LM-MP11 + 1S...	Yes	Y		1	1.2	44	1.5	13	.066	14	.057	15	-.033										
208	1.2DL + 1.5LM-MP12 + 1S...	Yes	Y		1	1.2	45	1.5	2	.066	14	.066	15											
209	1.2DL + 1.5LM-MP12 + 1S...	Yes	Y		1	1.2	45	1.5	3	.066	14	.057	15	.033										
210	1.2DL + 1.5LM-MP12 + 1S...	Yes	Y		1	1.2	45	1.5	4	.066	14	.033	15	.057										
211	1.2DL + 1.5LM-MP12 + 1S...	Yes	Y		1	1.2	45	1.5	5	.066	14		15	.066										
212	1.2DL + 1.5LM-MP12 + 1S...	Yes	Y		1	1.2	45	1.5	6	.066	14	-.033	15	.057										
213	1.2DL + 1.5LM-MP12 + 1S...	Yes	Y		1	1.2	45	1.5	7	.066	14	-.057	15	.033										
214	1.2DL + 1.5LM-MP12 + 1S...	Yes	Y		1	1.2	45	1.5	8	.066	14	-.066	15											
215	1.2DL + 1.5LM-MP12 + 1S...	Yes	Y		1	1.2	45	1.5	9	.066	14	-.057	15	-.033										
216	1.2DL + 1.5LM-MP12 + 1S...	Yes	Y		1	1.2	45	1.5	10	.066	14	-.033	15	-.057										
217	1.2DL + 1.5LM-MP12 + 1S...	Yes	Y		1	1.2	45	1.5	11	.066	14		15	-.066										
218	1.2DL + 1.5LM-MP12 + 1S...	Yes	Y		1	1.2	45	1.5	12	.066	14	.033	15	-.057										

Joint Boundary Conditions

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
1	N52	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	N50	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
3	N49	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
4	N48	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
5	N53	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
6	N51	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
7	N45	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
8	N44	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
9	N43	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
10	N42	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
11	N41A	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
12	N40	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [lb-ft]	LC	MY [lb-ft]	LC	MZ [lb-ft]	LC
1	N52	max	2107.474	5	1926.038	31	78.26	3	27.477	9	103.761	15	-2.769	15
2		min	-1240.772	23	-766.337	24	-70.627	9	-24.911	15	-105.52	9	-32.82	35
3	N50	max	650.172	18	1933.015	27	1803.197	13	26.581	33	103.346	19	32.309	5
4		min	-1128.537	12	-794.54	20	-1067.55	19	-7.864	25	-107.03	13	-20.159	23
5	N49	max	1244.968	17	1995.791	35	79.904	13	28.298	7	109.838	7	34.098	31
6		min	-2203.608	11	-738.495	16	-71.585	7	-25.657	25	-107.504	25	2.013	25
7	N48	max	607.86	15	1937.523	35	1076.748	15	11.652	19	110.25	19	26.241	7
8		min	-1015.396	9	-754.576	16	-1849.19	9	-33.696	38	-114.47	13	-20.517	25
9	N53	max	1064.729	7	1987.666	31	1086.052	25	11.723	21	117.587	7	18.503	15

Envelope Joint Reactions (Continued)

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [lb-ft]	LC	MY [lb-ft]	LC	MZ [lb-ft]	LC
10		min	-620.352	25	-740.59	24	-1928.758	7	-34.556	28	-116.309	25	-24.5	9
11	N51	max	1154.37	3	2028.909	27	1889.515	3	27.613	34	104.719	3	20.321	17
12		min	-637.637	21	-768.526	20	-1070.085	21	-6.595	15	-100.772	21	-33.211	11
13	N45	max	267.465	19	92.22	27	1049.298	12	-9.122	21	76.29	15	-3.868	22
14		min	-531.297	13	19.98	20	-513.154	18	-48.074	27	-76.985	25	-29.236	28
15	N44	max	659.916	18	94.713	35	49.338	15	1.908	25	75.31	15	-10.888	15
16		min	-1165.556	12	22.497	16	-48.903	21	-5.022	33	-74.02	21	-54.196	35
17	N43	max	324.455	14	90.188	35	480.269	14	47.296	36	65.271	15	-5.172	16
18		min	-648.17	8	19.599	16	-976.259	8	7.22	17	-64.621	21	-25.755	35
19	N42	max	599.33	8	88.574	31	526.068	14	45.974	30	68.111	19	24.622	31
20		min	-325.697	14	19.402	23	-936.815	8	7.225	22	-68.478	25	4.63	24
21	N41A	max	1214.553	4	96.121	31	51.161	25	1.714	15	78.129	19	55.675	31
22		min	-619.102	22	22.193	24	-50.824	19	-4.944	33	-79.255	25	10.917	25
23	N40	max	516.785	4	91.013	27	987.958	4	-9.031	19	80.805	19	28.667	38
24		min	-284.723	22	20.166	20	-519.219	22	-46.97	27	-81.335	25	3.512	18
25	Totals:	max	7137.509	5	10875.593	28	7279.72	14						
26		min	-7137.509	23	2924.486	58	-7279.72	8						

Member Point Loads (BLC 1 : Self Weight)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	Y	-17.5	35
2	MP1	Y	-17.5	78
3	MP2	Y	-39.7	18
4	MP2	Y	-39.7	78
5	MP3	Y	-55.5	18
6	MP3	Y	-55.5	78
7	MP4	Y	-21.5	18
8	MP4	Y	-21.5	78
9	MP1	Y	-14.1	62
10	MP1	Y	-14.1	62
11	MP2	Y	-71	70
12	MP3	Y	-25.4	70
13	MP3	Y	-25.4	70
14	MP3	Y	-77	54
15	MP4	Y	-72	72
16	MP5	Y	-17.5	35
17	MP5	Y	-17.5	78
18	MP6	Y	-39.7	18
19	MP6	Y	-39.7	78
20	MP7	Y	-55.5	18
21	MP7	Y	-55.5	78
22	MP8	Y	-21.5	18
23	MP8	Y	-21.5	78
24	MP5	Y	-14.1	62
25	MP5	Y	-14.1	62
26	MP6	Y	-71	70
27	MP7	Y	-25.4	70
28	MP7	Y	-25.4	70
29	MP7	Y	-77	54
30	MP8	Y	-72	72
31	MP9	Y	-17.5	35
32	MP9	Y	-17.5	78
33	MP10	Y	-39.7	18
34	MP10	Y	-39.7	78
35	MP11	Y	-55.5	18

Member Point Loads (BLC 1 : Self Weight) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
36	MP11	Y	-55.5	78
37	MP12	Y	-21.5	18
38	MP12	Y	-21.5	78
39	MP9	Y	-14.1	62
40	MP9	Y	-14.1	62
41	MP10	Y	-71	70
42	MP11	Y	-25.4	70
43	MP11	Y	-25.4	70
44	MP11	Y	-77	54
45	MP12	Y	-72	72

Member Point Loads (BLC 2 : Wind Load AZI 0)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	35
2	MP1	Z	-93.61	35
3	MP1	X	0	78
4	MP1	Z	-93.61	78
5	MP2	X	0	18
6	MP2	Z	-215.99	18
7	MP2	X	0	78
8	MP2	Z	-215.99	78
9	MP3	X	0	18
10	MP3	Z	-138.22	18
11	MP3	X	0	78
12	MP3	Z	-138.22	78
13	MP4	X	0	18
14	MP4	Z	-133.64	18
15	MP4	X	0	78
16	MP4	Z	-133.64	78
17	MP1	X	0	62
18	MP1	Z	-37.52	62
19	MP1	X	0	62
20	MP1	Z	-37.52	62
21	MP2	X	0	70
22	MP2	Z	-66.87	70
23	MP3	X	0	70
24	MP3	Z	-14.05	70
25	MP3	X	0	70
26	MP3	Z	-14.05	70
27	MP3	X	0	54
28	MP3	Z	-112.64	54
29	MP4	X	0	72
30	MP4	Z	-55.71	72
31	MP5	X	0	35
32	MP5	Z	-60.73	35
33	MP5	X	0	78
34	MP5	Z	-60.73	78
35	MP6	X	0	18
36	MP6	Z	-125.57	18
37	MP6	X	0	78
38	MP6	Z	-125.57	78
39	MP7	X	0	18
40	MP7	Z	-121.23	18
41	MP7	X	0	78
42	MP7	Z	-121.23	78
43	MP8	X	0	18

Member Point Loads (BLC 2 : Wind Load AZI 0) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
44	MP8	Z	-110.13	18
45	MP8	X	0	78
46	MP8	Z	-110.13	78
47	MP5	X	0	62
48	MP5	Z	-18.23	62
49	MP5	X	0	62
50	MP5	Z	-18.23	62
51	MP6	X	0	70
52	MP6	Z	-52.61	70
53	MP7	X	0	70
54	MP7	Z	-14.56	70
55	MP7	X	0	70
56	MP7	Z	-14.56	70
57	MP7	X	0	54
58	MP7	Z	-89.95	54
59	MP8	X	0	72
60	MP8	Z	-48.43	72
61	MP9	X	0	35
62	MP9	Z	-60.73	35
63	MP9	X	0	78
64	MP9	Z	-60.73	78
65	MP10	X	0	18
66	MP10	Z	-125.57	18
67	MP10	X	0	78
68	MP10	Z	-125.57	78
69	MP11	X	0	18
70	MP11	Z	-121.23	18
71	MP11	X	0	78
72	MP11	Z	-121.23	78
73	MP12	X	0	18
74	MP12	Z	-110.13	18
75	MP12	X	0	78
76	MP12	Z	-110.13	78
77	MP9	X	0	62
78	MP9	Z	-18.23	62
79	MP9	X	0	62
80	MP9	Z	-18.23	62
81	MP10	X	0	70
82	MP10	Z	-52.61	70
83	MP11	X	0	70
84	MP11	Z	-14.56	70
85	MP11	X	0	70
86	MP11	Z	-14.56	70
87	MP11	X	0	54
88	MP11	Z	-89.95	54
89	MP12	X	0	72
90	MP12	Z	-48.43	72

Member Point Loads (BLC 3 : Wind Load AZI 30)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-41.33	35
2	MP1	Z	-71.58	35
3	MP1	X	-41.33	78
4	MP1	Z	-71.58	78
5	MP2	X	-92.93	18
6	MP2	Z	-160.95	18

Member Point Loads (BLC 3 : Wind Load AZI 30) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
7	MP2	X	-92.93	78
8	MP2	Z	-160.95	78
9	MP3	X	-66.28	18
10	MP3	Z	-114.8	18
11	MP3	X	-66.28	78
12	MP3	Z	-114.8	78
13	MP4	X	-62.9	18
14	MP4	Z	-108.95	18
15	MP4	X	-62.9	78
16	MP4	Z	-108.95	78
17	MP1	X	-15.55	62
18	MP1	Z	-26.93	62
19	MP1	X	-15.55	62
20	MP1	Z	-26.93	62
21	MP2	X	-31.06	70
22	MP2	Z	-53.8	70
23	MP3	X	-7.11	70
24	MP3	Z	-12.31	70
25	MP3	X	-7.11	70
26	MP3	Z	-12.31	70
27	MP3	X	-52.54	54
28	MP3	Z	-91	54
29	MP4	X	-26.64	72
30	MP4	Z	-46.14	72
31	MP5	X	-41.33	35
32	MP5	Z	-71.58	35
33	MP5	X	-41.33	78
34	MP5	Z	-71.58	78
35	MP6	X	-92.93	18
36	MP6	Z	-160.95	18
37	MP6	X	-92.93	78
38	MP6	Z	-160.95	78
39	MP7	X	-66.28	18
40	MP7	Z	-114.8	18
41	MP7	X	-66.28	78
42	MP7	Z	-114.8	78
43	MP8	X	-62.9	18
44	MP8	Z	-108.95	18
45	MP8	X	-62.9	78
46	MP8	Z	-108.95	78
47	MP5	X	-15.55	62
48	MP5	Z	-26.93	62
49	MP5	X	-15.55	62
50	MP5	Z	-26.93	62
51	MP6	X	-31.06	70
52	MP6	Z	-53.8	70
53	MP7	X	-7.11	70
54	MP7	Z	-12.31	70
55	MP7	X	-7.11	70
56	MP7	Z	-12.31	70
57	MP7	X	-52.54	54
58	MP7	Z	-91	54
59	MP8	X	-26.64	72
60	MP8	Z	-46.14	72
61	MP9	X	-24.88	35
62	MP9	Z	-43.1	35
63	MP9	X	-24.88	78

Member Point Loads (BLC 3 : Wind Load AZI 30) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
64	MP9	Z	-43.1	78
65	MP10	X	-47.71	18
66	MP10	Z	-82.64	18
67	MP10	X	-47.71	78
68	MP10	Z	-82.64	78
69	MP11	X	-57.78	18
70	MP11	Z	-100.08	18
71	MP11	X	-57.78	78
72	MP11	Z	-100.08	78
73	MP12	X	-51.15	18
74	MP12	Z	-88.59	18
75	MP12	X	-51.15	78
76	MP12	Z	-88.59	78
77	MP9	X	-5.9	62
78	MP9	Z	-10.22	62
79	MP9	X	-5.9	62
80	MP9	Z	-10.22	62
81	MP10	X	-23.93	70
82	MP10	Z	-41.45	70
83	MP11	X	-7.36	70
84	MP11	Z	-12.76	70
85	MP11	X	-7.36	70
86	MP11	Z	-12.76	70
87	MP11	X	-41.19	54
88	MP11	Z	-71.35	54
89	MP12	X	-23	72
90	MP12	Z	-39.84	72

Member Point Loads (BLC 4 : Wind Load AZI 60)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-52.59	35
2	MP1	Z	-30.36	35
3	MP1	X	-52.59	78
4	MP1	Z	-30.36	78
5	MP2	X	-108.75	18
6	MP2	Z	-62.78	18
7	MP2	X	-108.75	78
8	MP2	Z	-62.78	78
9	MP3	X	-104.99	18
10	MP3	Z	-60.61	18
11	MP3	X	-104.99	78
12	MP3	Z	-60.61	78
13	MP4	X	-95.37	18
14	MP4	Z	-55.06	18
15	MP4	X	-95.37	78
16	MP4	Z	-55.06	78
17	MP1	X	-15.79	62
18	MP1	Z	-9.11	62
19	MP1	X	-15.79	62
20	MP1	Z	-9.11	62
21	MP2	X	-45.57	70
22	MP2	Z	-26.31	70
23	MP3	X	-12.61	70
24	MP3	Z	-7.28	70
25	MP3	X	-12.61	70
26	MP3	Z	-7.28	70

Member Point Loads (BLC 4 : Wind Load AZI 60) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
27	MP3	X	-77.9	54
28	MP3	Z	-44.97	54
29	MP4	X	-41.94	72
30	MP4	Z	-24.21	72
31	MP5	X	-81.07	35
32	MP5	Z	-46.81	35
33	MP5	X	-81.07	78
34	MP5	Z	-46.81	78
35	MP6	X	-187.05	18
36	MP6	Z	-108	18
37	MP6	X	-187.05	78
38	MP6	Z	-108	78
39	MP7	X	-119.7	18
40	MP7	Z	-69.11	18
41	MP7	X	-119.7	78
42	MP7	Z	-69.11	78
43	MP8	X	-115.74	18
44	MP8	Z	-66.82	18
45	MP8	X	-115.74	78
46	MP8	Z	-66.82	78
47	MP5	X	-32.5	62
48	MP5	Z	-18.76	62
49	MP5	X	-32.5	62
50	MP5	Z	-18.76	62
51	MP6	X	-57.91	70
52	MP6	Z	-33.44	70
53	MP7	X	-12.17	70
54	MP7	Z	-7.02	70
55	MP7	X	-12.17	70
56	MP7	Z	-7.02	70
57	MP7	X	-97.55	54
58	MP7	Z	-56.32	54
59	MP8	X	-48.24	72
60	MP8	Z	-27.85	72
61	MP9	X	-52.59	35
62	MP9	Z	-30.36	35
63	MP9	X	-52.59	78
64	MP9	Z	-30.36	78
65	MP10	X	-108.75	18
66	MP10	Z	-62.78	18
67	MP10	X	-108.75	78
68	MP10	Z	-62.78	78
69	MP11	X	-104.99	18
70	MP11	Z	-60.61	18
71	MP11	X	-104.99	78
72	MP11	Z	-60.61	78
73	MP12	X	-95.37	18
74	MP12	Z	-55.06	18
75	MP12	X	-95.37	78
76	MP12	Z	-55.06	78
77	MP9	X	-15.79	62
78	MP9	Z	-9.11	62
79	MP9	X	-15.79	62
80	MP9	Z	-9.11	62
81	MP10	X	-45.57	70
82	MP10	Z	-26.31	70
83	MP11	X	-12.61	70

Member Point Loads (BLC 4 : Wind Load AZI 60) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
84	MP11	Z	-7.28	70
85	MP11	X	-12.61	70
86	MP11	Z	-7.28	70
87	MP11	X	-77.9	54
88	MP11	Z	-44.97	54
89	MP12	X	-41.94	72
90	MP12	Z	-24.21	72

Member Point Loads (BLC 5 : Wind Load AZI 90)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-49.76	35
2	MP1	Z	0	35
3	MP1	X	-49.76	78
4	MP1	Z	0	78
5	MP2	X	-95.43	18
6	MP2	Z	0	18
7	MP2	X	-95.43	78
8	MP2	Z	0	78
9	MP3	X	-115.56	18
10	MP3	Z	0	18
11	MP3	X	-115.56	78
12	MP3	Z	0	78
13	MP4	X	-102.29	18
14	MP4	Z	0	18
15	MP4	X	-102.29	78
16	MP4	Z	0	78
17	MP1	X	-11.8	62
18	MP1	Z	0	62
19	MP1	X	-11.8	62
20	MP1	Z	0	62
21	MP2	X	-47.86	70
22	MP2	Z	0	70
23	MP3	X	-14.73	70
24	MP3	Z	0	70
25	MP3	X	-14.73	70
26	MP3	Z	0	70
27	MP3	X	-82.38	54
28	MP3	Z	0	54
29	MP4	X	-46	72
30	MP4	Z	0	72
31	MP5	X	-82.65	35
32	MP5	Z	0	35
33	MP5	X	-82.65	78
34	MP5	Z	0	78
35	MP6	X	-185.85	18
36	MP6	Z	0	18
37	MP6	X	-185.85	78
38	MP6	Z	0	78
39	MP7	X	-132.56	18
40	MP7	Z	0	18
41	MP7	X	-132.56	78
42	MP7	Z	0	78
43	MP8	X	-125.81	18
44	MP8	Z	0	18
45	MP8	X	-125.81	78
46	MP8	Z	0	78

Member Point Loads (BLC 5 : Wind Load AZI 90) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
47	MP5	X	-31.09	62
48	MP5	Z	0	62
49	MP5	X	-31.09	62
50	MP5	Z	0	62
51	MP6	X	-62.12	70
52	MP6	Z	0	70
53	MP7	X	-14.22	70
54	MP7	Z	0	70
55	MP7	X	-14.22	70
56	MP7	Z	0	70
57	MP7	X	-105.07	54
58	MP7	Z	0	54
59	MP8	X	-53.28	72
60	MP8	Z	0	72
61	MP9	X	-82.65	35
62	MP9	Z	0	35
63	MP9	X	-82.65	78
64	MP9	Z	0	78
65	MP10	X	-185.85	18
66	MP10	Z	0	18
67	MP10	X	-185.85	78
68	MP10	Z	0	78
69	MP11	X	-132.56	18
70	MP11	Z	0	18
71	MP11	X	-132.56	78
72	MP11	Z	0	78
73	MP12	X	-125.81	18
74	MP12	Z	0	18
75	MP12	X	-125.81	78
76	MP12	Z	0	78
77	MP9	X	-31.09	62
78	MP9	Z	0	62
79	MP9	X	-31.09	62
80	MP9	Z	0	62
81	MP10	X	-62.12	70
82	MP10	Z	0	70
83	MP11	X	-14.22	70
84	MP11	Z	0	70
85	MP11	X	-14.22	70
86	MP11	Z	0	70
87	MP11	X	-105.07	54
88	MP11	Z	0	54
89	MP12	X	-53.28	72
90	MP12	Z	0	72

Member Point Loads (BLC 6 : Wind Load AZI 120)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-52.59	35
2	MP1	Z	30.36	35
3	MP1	X	-52.59	78
4	MP1	Z	30.36	78
5	MP2	X	-108.75	18
6	MP2	Z	62.78	18
7	MP2	X	-108.75	78
8	MP2	Z	62.78	78
9	MP3	X	-104.99	18

Member Point Loads (BLC 6 : Wind Load AZI 120) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
10	MP3	Z	60.61	18
11	MP3	X	-104.99	78
12	MP3	Z	60.61	78
13	MP4	X	-95.37	18
14	MP4	Z	55.06	18
15	MP4	X	-95.37	78
16	MP4	Z	55.06	78
17	MP1	X	-15.79	62
18	MP1	Z	9.11	62
19	MP1	X	-15.79	62
20	MP1	Z	9.11	62
21	MP2	X	-45.57	70
22	MP2	Z	26.31	70
23	MP3	X	-12.61	70
24	MP3	Z	7.28	70
25	MP3	X	-12.61	70
26	MP3	Z	7.28	70
27	MP3	X	-77.9	54
28	MP3	Z	44.97	54
29	MP4	X	-41.94	72
30	MP4	Z	24.21	72
31	MP5	X	-52.59	35
32	MP5	Z	30.36	35
33	MP5	X	-52.59	78
34	MP5	Z	30.36	78
35	MP6	X	-108.75	18
36	MP6	Z	62.78	18
37	MP6	X	-108.75	78
38	MP6	Z	62.78	78
39	MP7	X	-104.99	18
40	MP7	Z	60.61	18
41	MP7	X	-104.99	78
42	MP7	Z	60.61	78
43	MP8	X	-95.37	18
44	MP8	Z	55.06	18
45	MP8	X	-95.37	78
46	MP8	Z	55.06	78
47	MP5	X	-15.79	62
48	MP5	Z	9.11	62
49	MP5	X	-15.79	62
50	MP5	Z	9.11	62
51	MP6	X	-45.57	70
52	MP6	Z	26.31	70
53	MP7	X	-12.61	70
54	MP7	Z	7.28	70
55	MP7	X	-12.61	70
56	MP7	Z	7.28	70
57	MP7	X	-77.9	54
58	MP7	Z	44.97	54
59	MP8	X	-41.94	72
60	MP8	Z	24.21	72
61	MP9	X	-81.07	35
62	MP9	Z	46.81	35
63	MP9	X	-81.07	78
64	MP9	Z	46.81	78
65	MP10	X	-187.05	18
66	MP10	Z	108	18

Member Point Loads (BLC 6 : Wind Load AZI 120) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
67	MP10	X	-187.05	78
68	MP10	Z	108	78
69	MP11	X	-119.7	18
70	MP11	Z	69.11	18
71	MP11	X	-119.7	78
72	MP11	Z	69.11	78
73	MP12	X	-115.74	18
74	MP12	Z	66.82	18
75	MP12	X	-115.74	78
76	MP12	Z	66.82	78
77	MP9	X	-32.5	62
78	MP9	Z	18.76	62
79	MP9	X	-32.5	62
80	MP9	Z	18.76	62
81	MP10	X	-57.91	70
82	MP10	Z	33.44	70
83	MP11	X	-12.17	70
84	MP11	Z	7.02	70
85	MP11	X	-12.17	70
86	MP11	Z	7.02	70
87	MP11	X	-97.55	54
88	MP11	Z	56.32	54
89	MP12	X	-48.24	72
90	MP12	Z	27.85	72

Member Point Loads (BLC 7 : Wind Load AZI 150)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-41.33	35
2	MP1	Z	71.58	35
3	MP1	X	-41.33	78
4	MP1	Z	71.58	78
5	MP2	X	-92.93	18
6	MP2	Z	160.95	18
7	MP2	X	-92.93	78
8	MP2	Z	160.95	78
9	MP3	X	-66.28	18
10	MP3	Z	114.8	18
11	MP3	X	-66.28	78
12	MP3	Z	114.8	78
13	MP4	X	-62.9	18
14	MP4	Z	108.95	18
15	MP4	X	-62.9	78
16	MP4	Z	108.95	78
17	MP1	X	-15.55	62
18	MP1	Z	26.93	62
19	MP1	X	-15.55	62
20	MP1	Z	26.93	62
21	MP2	X	-31.06	70
22	MP2	Z	53.8	70
23	MP3	X	-7.11	70
24	MP3	Z	12.31	70
25	MP3	X	-7.11	70
26	MP3	Z	12.31	70
27	MP3	X	-52.54	54
28	MP3	Z	91	54
29	MP4	X	-26.64	72

Member Point Loads (BLC 7 : Wind Load AZI 150) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
30	MP4	Z	46.14	72
31	MP5	X	-24.88	35
32	MP5	Z	43.1	35
33	MP5	X	-24.88	78
34	MP5	Z	43.1	78
35	MP6	X	-47.71	18
36	MP6	Z	82.64	18
37	MP6	X	-47.71	78
38	MP6	Z	82.64	78
39	MP7	X	-57.78	18
40	MP7	Z	100.08	18
41	MP7	X	-57.78	78
42	MP7	Z	100.08	78
43	MP8	X	-51.15	18
44	MP8	Z	88.59	18
45	MP8	X	-51.15	78
46	MP8	Z	88.59	78
47	MP5	X	-5.9	62
48	MP5	Z	10.22	62
49	MP5	X	-5.9	62
50	MP5	Z	10.22	62
51	MP6	X	-23.93	70
52	MP6	Z	41.45	70
53	MP7	X	-7.36	70
54	MP7	Z	12.76	70
55	MP7	X	-7.36	70
56	MP7	Z	12.76	70
57	MP7	X	-41.19	54
58	MP7	Z	71.35	54
59	MP8	X	-23	72
60	MP8	Z	39.84	72
61	MP9	X	-41.33	35
62	MP9	Z	71.58	35
63	MP9	X	-41.33	78
64	MP9	Z	71.58	78
65	MP10	X	-92.93	18
66	MP10	Z	160.95	18
67	MP10	X	-92.93	78
68	MP10	Z	160.95	78
69	MP11	X	-66.28	18
70	MP11	Z	114.8	18
71	MP11	X	-66.28	78
72	MP11	Z	114.8	78
73	MP12	X	-62.9	18
74	MP12	Z	108.95	18
75	MP12	X	-62.9	78
76	MP12	Z	108.95	78
77	MP9	X	-15.55	62
78	MP9	Z	26.93	62
79	MP9	X	-15.55	62
80	MP9	Z	26.93	62
81	MP10	X	-31.06	70
82	MP10	Z	53.8	70
83	MP11	X	-7.11	70
84	MP11	Z	12.31	70
85	MP11	X	-7.11	70
86	MP11	Z	12.31	70

Member Point Loads (BLC 7 : Wind Load AZI 150) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
87	MP11	X	-52.54	54
88	MP11	Z	91	54
89	MP12	X	-26.64	72
90	MP12	Z	46.14	72

Member Point Loads (BLC 8 : Wind Load AZI 180)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	35
2	MP1	Z	93.61	35
3	MP1	X	0	78
4	MP1	Z	93.61	78
5	MP2	X	0	18
6	MP2	Z	215.99	18
7	MP2	X	0	78
8	MP2	Z	215.99	78
9	MP3	X	0	18
10	MP3	Z	138.22	18
11	MP3	X	0	78
12	MP3	Z	138.22	78
13	MP4	X	0	18
14	MP4	Z	133.64	18
15	MP4	X	0	78
16	MP4	Z	133.64	78
17	MP1	X	0	62
18	MP1	Z	37.52	62
19	MP1	X	0	62
20	MP1	Z	37.52	62
21	MP2	X	0	70
22	MP2	Z	66.87	70
23	MP3	X	0	70
24	MP3	Z	14.05	70
25	MP3	X	0	70
26	MP3	Z	14.05	70
27	MP3	X	0	54
28	MP3	Z	112.64	54
29	MP4	X	0	72
30	MP4	Z	55.71	72
31	MP5	X	0	35
32	MP5	Z	60.73	35
33	MP5	X	0	78
34	MP5	Z	60.73	78
35	MP6	X	0	18
36	MP6	Z	125.57	18
37	MP6	X	0	78
38	MP6	Z	125.57	78
39	MP7	X	0	18
40	MP7	Z	121.23	18
41	MP7	X	0	78
42	MP7	Z	121.23	78
43	MP8	X	0	18
44	MP8	Z	110.13	18
45	MP8	X	0	78
46	MP8	Z	110.13	78
47	MP5	X	0	62
48	MP5	Z	18.23	62
49	MP5	X	0	62

Member Point Loads (BLC 8 : Wind Load AZI 180) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
50	MP5	Z	18.23	62
51	MP6	X	0	70
52	MP6	Z	52.61	70
53	MP7	X	0	70
54	MP7	Z	14.56	70
55	MP7	X	0	70
56	MP7	Z	14.56	70
57	MP7	X	0	54
58	MP7	Z	89.95	54
59	MP8	X	0	72
60	MP8	Z	48.43	72
61	MP9	X	0	35
62	MP9	Z	60.73	35
63	MP9	X	0	78
64	MP9	Z	60.73	78
65	MP10	X	0	18
66	MP10	Z	125.57	18
67	MP10	X	0	78
68	MP10	Z	125.57	78
69	MP11	X	0	18
70	MP11	Z	121.23	18
71	MP11	X	0	78
72	MP11	Z	121.23	78
73	MP12	X	0	18
74	MP12	Z	110.13	18
75	MP12	X	0	78
76	MP12	Z	110.13	78
77	MP9	X	0	62
78	MP9	Z	18.23	62
79	MP9	X	0	62
80	MP9	Z	18.23	62
81	MP10	X	0	70
82	MP10	Z	52.61	70
83	MP11	X	0	70
84	MP11	Z	14.56	70
85	MP11	X	0	70
86	MP11	Z	14.56	70
87	MP11	X	0	54
88	MP11	Z	89.95	54
89	MP12	X	0	72
90	MP12	Z	48.43	72

Member Point Loads (BLC 9 : Wind Load AZI 210)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	41.33	35
2	MP1	Z	71.58	35
3	MP1	X	41.33	78
4	MP1	Z	71.58	78
5	MP2	X	92.93	18
6	MP2	Z	160.95	18
7	MP2	X	92.93	78
8	MP2	Z	160.95	78
9	MP3	X	66.28	18
10	MP3	Z	114.8	18
11	MP3	X	66.28	78
12	MP3	Z	114.8	78

Member Point Loads (BLC 9 : Wind Load AZI 210) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
13	MP4	X	62.9	18
14	MP4	Z	108.95	18
15	MP4	X	62.9	78
16	MP4	Z	108.95	78
17	MP1	X	15.55	62
18	MP1	Z	26.93	62
19	MP1	X	15.55	62
20	MP1	Z	26.93	62
21	MP2	X	31.06	70
22	MP2	Z	53.8	70
23	MP3	X	7.11	70
24	MP3	Z	12.31	70
25	MP3	X	7.11	70
26	MP3	Z	12.31	70
27	MP3	X	52.54	54
28	MP3	Z	91	54
29	MP4	X	26.64	72
30	MP4	Z	46.14	72
31	MP5	X	41.33	35
32	MP5	Z	71.58	35
33	MP5	X	41.33	78
34	MP5	Z	71.58	78
35	MP6	X	92.93	18
36	MP6	Z	160.95	18
37	MP6	X	92.93	78
38	MP6	Z	160.95	78
39	MP7	X	66.28	18
40	MP7	Z	114.8	18
41	MP7	X	66.28	78
42	MP7	Z	114.8	78
43	MP8	X	62.9	18
44	MP8	Z	108.95	18
45	MP8	X	62.9	78
46	MP8	Z	108.95	78
47	MP5	X	15.55	62
48	MP5	Z	26.93	62
49	MP5	X	15.55	62
50	MP5	Z	26.93	62
51	MP6	X	31.06	70
52	MP6	Z	53.8	70
53	MP7	X	7.11	70
54	MP7	Z	12.31	70
55	MP7	X	7.11	70
56	MP7	Z	12.31	70
57	MP7	X	52.54	54
58	MP7	Z	91	54
59	MP8	X	26.64	72
60	MP8	Z	46.14	72
61	MP9	X	24.88	35
62	MP9	Z	43.1	35
63	MP9	X	24.88	78
64	MP9	Z	43.1	78
65	MP10	X	47.71	18
66	MP10	Z	82.64	18
67	MP10	X	47.71	78
68	MP10	Z	82.64	78
69	MP11	X	57.78	18

Member Point Loads (BLC 9 : Wind Load AZI 210) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
70	MP11	Z	100.08	18
71	MP11	X	57.78	78
72	MP11	Z	100.08	78
73	MP12	X	51.15	18
74	MP12	Z	88.59	18
75	MP12	X	51.15	78
76	MP12	Z	88.59	78
77	MP9	X	5.9	62
78	MP9	Z	10.22	62
79	MP9	X	5.9	62
80	MP9	Z	10.22	62
81	MP10	X	23.93	70
82	MP10	Z	41.45	70
83	MP11	X	7.36	70
84	MP11	Z	12.76	70
85	MP11	X	7.36	70
86	MP11	Z	12.76	70
87	MP11	X	41.19	54
88	MP11	Z	71.35	54
89	MP12	X	23	72
90	MP12	Z	39.84	72

Member Point Loads (BLC 10 : Wind Load AZI 240)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	52.59	35
2	MP1	Z	30.36	35
3	MP1	X	52.59	78
4	MP1	Z	30.36	78
5	MP2	X	108.75	18
6	MP2	Z	62.78	18
7	MP2	X	108.75	78
8	MP2	Z	62.78	78
9	MP3	X	104.99	18
10	MP3	Z	60.61	18
11	MP3	X	104.99	78
12	MP3	Z	60.61	78
13	MP4	X	95.37	18
14	MP4	Z	55.06	18
15	MP4	X	95.37	78
16	MP4	Z	55.06	78
17	MP1	X	15.79	62
18	MP1	Z	9.11	62
19	MP1	X	15.79	62
20	MP1	Z	9.11	62
21	MP2	X	45.57	70
22	MP2	Z	26.31	70
23	MP3	X	12.61	70
24	MP3	Z	7.28	70
25	MP3	X	12.61	70
26	MP3	Z	7.28	70
27	MP3	X	77.9	54
28	MP3	Z	44.97	54
29	MP4	X	41.94	72
30	MP4	Z	24.21	72
31	MP5	X	81.07	35
32	MP5	Z	46.81	35

Member Point Loads (BLC 10 : Wind Load AZI 240) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
33	MP5	X	81.07	78
34	MP5	Z	46.81	78
35	MP6	X	187.05	18
36	MP6	Z	108	18
37	MP6	X	187.05	78
38	MP6	Z	108	78
39	MP7	X	119.7	18
40	MP7	Z	69.11	18
41	MP7	X	119.7	78
42	MP7	Z	69.11	78
43	MP8	X	115.74	18
44	MP8	Z	66.82	18
45	MP8	X	115.74	78
46	MP8	Z	66.82	78
47	MP5	X	32.5	62
48	MP5	Z	18.76	62
49	MP5	X	32.5	62
50	MP5	Z	18.76	62
51	MP6	X	57.91	70
52	MP6	Z	33.44	70
53	MP7	X	12.17	70
54	MP7	Z	7.02	70
55	MP7	X	12.17	70
56	MP7	Z	7.02	70
57	MP7	X	97.55	54
58	MP7	Z	56.32	54
59	MP8	X	48.24	72
60	MP8	Z	27.85	72
61	MP9	X	52.59	35
62	MP9	Z	30.36	35
63	MP9	X	52.59	78
64	MP9	Z	30.36	78
65	MP10	X	108.75	18
66	MP10	Z	62.78	18
67	MP10	X	108.75	78
68	MP10	Z	62.78	78
69	MP11	X	104.99	18
70	MP11	Z	60.61	18
71	MP11	X	104.99	78
72	MP11	Z	60.61	78
73	MP12	X	95.37	18
74	MP12	Z	55.06	18
75	MP12	X	95.37	78
76	MP12	Z	55.06	78
77	MP9	X	15.79	62
78	MP9	Z	9.11	62
79	MP9	X	15.79	62
80	MP9	Z	9.11	62
81	MP10	X	45.57	70
82	MP10	Z	26.31	70
83	MP11	X	12.61	70
84	MP11	Z	7.28	70
85	MP11	X	12.61	70
86	MP11	Z	7.28	70
87	MP11	X	77.9	54
88	MP11	Z	44.97	54
89	MP12	X	41.94	72

Member Point Loads (BLC 10 : Wind Load AZI 240) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
90	MP12	Z	24.21	72

Member Point Loads (BLC 11 : Wind Load AZI 270)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	49.76	35
2	MP1	Z	0	35
3	MP1	X	49.76	78
4	MP1	Z	0	78
5	MP2	X	95.43	18
6	MP2	Z	0	18
7	MP2	X	95.43	78
8	MP2	Z	0	78
9	MP3	X	115.56	18
10	MP3	Z	0	18
11	MP3	X	115.56	78
12	MP3	Z	0	78
13	MP4	X	102.29	18
14	MP4	Z	0	18
15	MP4	X	102.29	78
16	MP4	Z	0	78
17	MP1	X	11.8	62
18	MP1	Z	0	62
19	MP1	X	11.8	62
20	MP1	Z	0	62
21	MP2	X	47.86	70
22	MP2	Z	0	70
23	MP3	X	14.73	70
24	MP3	Z	0	70
25	MP3	X	14.73	70
26	MP3	Z	0	70
27	MP3	X	82.38	54
28	MP3	Z	0	54
29	MP4	X	46	72
30	MP4	Z	0	72
31	MP5	X	82.65	35
32	MP5	Z	0	35
33	MP5	X	82.65	78
34	MP5	Z	0	78
35	MP6	X	185.85	18
36	MP6	Z	0	18
37	MP6	X	185.85	78
38	MP6	Z	0	78
39	MP7	X	132.56	18
40	MP7	Z	0	18
41	MP7	X	132.56	78
42	MP7	Z	0	78
43	MP8	X	125.81	18
44	MP8	Z	0	18
45	MP8	X	125.81	78
46	MP8	Z	0	78
47	MP5	X	31.09	62
48	MP5	Z	0	62
49	MP5	X	31.09	62
50	MP5	Z	0	62
51	MP6	X	62.12	70
52	MP6	Z	0	70

Member Point Loads (BLC 11 : Wind Load AZI 270) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
53	MP7	X	14.22	70
54	MP7	Z	0	70
55	MP7	X	14.22	70
56	MP7	Z	0	70
57	MP7	X	105.07	54
58	MP7	Z	0	54
59	MP8	X	53.28	72
60	MP8	Z	0	72
61	MP9	X	82.65	35
62	MP9	Z	0	35
63	MP9	X	82.65	78
64	MP9	Z	0	78
65	MP10	X	185.85	18
66	MP10	Z	0	18
67	MP10	X	185.85	78
68	MP10	Z	0	78
69	MP11	X	132.56	18
70	MP11	Z	0	18
71	MP11	X	132.56	78
72	MP11	Z	0	78
73	MP12	X	125.81	18
74	MP12	Z	0	18
75	MP12	X	125.81	78
76	MP12	Z	0	78
77	MP9	X	31.09	62
78	MP9	Z	0	62
79	MP9	X	31.09	62
80	MP9	Z	0	62
81	MP10	X	62.12	70
82	MP10	Z	0	70
83	MP11	X	14.22	70
84	MP11	Z	0	70
85	MP11	X	14.22	70
86	MP11	Z	0	70
87	MP11	X	105.07	54
88	MP11	Z	0	54
89	MP12	X	53.28	72
90	MP12	Z	0	72

Member Point Loads (BLC 12 : Wind Load AZI 300)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	52.59	35
2	MP1	Z	-30.36	35
3	MP1	X	52.59	78
4	MP1	Z	-30.36	78
5	MP2	X	108.75	18
6	MP2	Z	-62.78	18
7	MP2	X	108.75	78
8	MP2	Z	-62.78	78
9	MP3	X	104.99	18
10	MP3	Z	-60.61	18
11	MP3	X	104.99	78
12	MP3	Z	-60.61	78
13	MP4	X	95.37	18
14	MP4	Z	-55.06	18
15	MP4	X	95.37	78

Member Point Loads (BLC 12 : Wind Load AZI 300) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
16	MP4	Z	-55.06	78
17	MP1	X	15.79	62
18	MP1	Z	-9.11	62
19	MP1	X	15.79	62
20	MP1	Z	-9.11	62
21	MP2	X	45.57	70
22	MP2	Z	-26.31	70
23	MP3	X	12.61	70
24	MP3	Z	-7.28	70
25	MP3	X	12.61	70
26	MP3	Z	-7.28	70
27	MP3	X	77.9	54
28	MP3	Z	-44.97	54
29	MP4	X	41.94	72
30	MP4	Z	-24.21	72
31	MP5	X	52.59	35
32	MP5	Z	-30.36	35
33	MP5	X	52.59	78
34	MP5	Z	-30.36	78
35	MP6	X	108.75	18
36	MP6	Z	-62.78	18
37	MP6	X	108.75	78
38	MP6	Z	-62.78	78
39	MP7	X	104.99	18
40	MP7	Z	-60.61	18
41	MP7	X	104.99	78
42	MP7	Z	-60.61	78
43	MP8	X	95.37	18
44	MP8	Z	-55.06	18
45	MP8	X	95.37	78
46	MP8	Z	-55.06	78
47	MP5	X	15.79	62
48	MP5	Z	-9.11	62
49	MP5	X	15.79	62
50	MP5	Z	-9.11	62
51	MP6	X	45.57	70
52	MP6	Z	-26.31	70
53	MP7	X	12.61	70
54	MP7	Z	-7.28	70
55	MP7	X	12.61	70
56	MP7	Z	-7.28	70
57	MP7	X	77.9	54
58	MP7	Z	-44.97	54
59	MP8	X	41.94	72
60	MP8	Z	-24.21	72
61	MP9	X	81.07	35
62	MP9	Z	-46.81	35
63	MP9	X	81.07	78
64	MP9	Z	-46.81	78
65	MP10	X	187.05	18
66	MP10	Z	-108	18
67	MP10	X	187.05	78
68	MP10	Z	-108	78
69	MP11	X	119.7	18
70	MP11	Z	-69.11	18
71	MP11	X	119.7	78
72	MP11	Z	-69.11	78

Member Point Loads (BLC 12 : Wind Load AZI 300) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
73	MP12	X	115.74	18
74	MP12	Z	-66.82	18
75	MP12	X	115.74	78
76	MP12	Z	-66.82	78
77	MP9	X	32.5	62
78	MP9	Z	-18.76	62
79	MP9	X	32.5	62
80	MP9	Z	-18.76	62
81	MP10	X	57.91	70
82	MP10	Z	-33.44	70
83	MP11	X	12.17	70
84	MP11	Z	-7.02	70
85	MP11	X	12.17	70
86	MP11	Z	-7.02	70
87	MP11	X	97.55	54
88	MP11	Z	-56.32	54
89	MP12	X	48.24	72
90	MP12	Z	-27.85	72

Member Point Loads (BLC 13 : Wind Load AZI 330)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	41.33	35
2	MP1	Z	-71.58	35
3	MP1	X	41.33	78
4	MP1	Z	-71.58	78
5	MP2	X	92.93	18
6	MP2	Z	-160.95	18
7	MP2	X	92.93	78
8	MP2	Z	-160.95	78
9	MP3	X	66.28	18
10	MP3	Z	-114.8	18
11	MP3	X	66.28	78
12	MP3	Z	-114.8	78
13	MP4	X	62.9	18
14	MP4	Z	-108.95	18
15	MP4	X	62.9	78
16	MP4	Z	-108.95	78
17	MP1	X	15.55	62
18	MP1	Z	-26.93	62
19	MP1	X	15.55	62
20	MP1	Z	-26.93	62
21	MP2	X	31.06	70
22	MP2	Z	-53.8	70
23	MP3	X	7.11	70
24	MP3	Z	-12.31	70
25	MP3	X	7.11	70
26	MP3	Z	-12.31	70
27	MP3	X	52.54	54
28	MP3	Z	-91	54
29	MP4	X	26.64	72
30	MP4	Z	-46.14	72
31	MP5	X	24.88	35
32	MP5	Z	-43.1	35
33	MP5	X	24.88	78
34	MP5	Z	-43.1	78
35	MP6	X	47.71	18

Member Point Loads (BLC 13 : Wind Load AZI 330) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
36	MP6	Z	-82.64	18
37	MP6	X	47.71	78
38	MP6	Z	-82.64	78
39	MP7	X	57.78	18
40	MP7	Z	-100.08	18
41	MP7	X	57.78	78
42	MP7	Z	-100.08	78
43	MP8	X	51.15	18
44	MP8	Z	-88.59	18
45	MP8	X	51.15	78
46	MP8	Z	-88.59	78
47	MP5	X	5.9	62
48	MP5	Z	-10.22	62
49	MP5	X	5.9	62
50	MP5	Z	-10.22	62
51	MP6	X	23.93	70
52	MP6	Z	-41.45	70
53	MP7	X	7.36	70
54	MP7	Z	-12.76	70
55	MP7	X	7.36	70
56	MP7	Z	-12.76	70
57	MP7	X	41.19	54
58	MP7	Z	-71.35	54
59	MP8	X	23	72
60	MP8	Z	-39.84	72
61	MP9	X	41.33	35
62	MP9	Z	-71.58	35
63	MP9	X	41.33	78
64	MP9	Z	-71.58	78
65	MP10	X	92.93	18
66	MP10	Z	-160.95	18
67	MP10	X	92.93	78
68	MP10	Z	-160.95	78
69	MP11	X	66.28	18
70	MP11	Z	-114.8	18
71	MP11	X	66.28	78
72	MP11	Z	-114.8	78
73	MP12	X	62.9	18
74	MP12	Z	-108.95	18
75	MP12	X	62.9	78
76	MP12	Z	-108.95	78
77	MP9	X	15.55	62
78	MP9	Z	-26.93	62
79	MP9	X	15.55	62
80	MP9	Z	-26.93	62
81	MP10	X	31.06	70
82	MP10	Z	-53.8	70
83	MP11	X	7.11	70
84	MP11	Z	-12.31	70
85	MP11	X	7.11	70
86	MP11	Z	-12.31	70
87	MP11	X	52.54	54
88	MP11	Z	-91	54
89	MP12	X	26.64	72
90	MP12	Z	-46.14	72

Member Point Loads (BLC 16 : Ice Weight)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	Y	-56.913	35
2	MP1	Y	-56.913	78
3	MP2	Y	-122.36	18
4	MP2	Y	-122.36	78
5	MP3	Y	-96.378	18
6	MP3	Y	-96.378	78
7	MP4	Y	-89.114	18
8	MP4	Y	-89.114	78
9	MP1	Y	-27.728	62
10	MP1	Y	-27.728	62
11	MP2	Y	-64.957	70
12	MP3	Y	-20.992	70
13	MP3	Y	-20.992	70
14	MP3	Y	-95.92	54
15	MP4	Y	-61.888	72
16	MP5	Y	-56.913	35
17	MP5	Y	-56.913	78
18	MP6	Y	-122.36	18
19	MP6	Y	-122.36	78
20	MP7	Y	-96.378	18
21	MP7	Y	-96.378	78
22	MP8	Y	-89.114	18
23	MP8	Y	-89.114	78
24	MP5	Y	-27.728	62
25	MP5	Y	-27.728	62
26	MP6	Y	-64.957	70
27	MP7	Y	-20.992	70
28	MP7	Y	-20.992	70
29	MP7	Y	-95.92	54
30	MP8	Y	-61.888	72
31	MP9	Y	-56.913	35
32	MP9	Y	-56.913	78
33	MP10	Y	-122.36	18
34	MP10	Y	-122.36	78
35	MP11	Y	-96.378	18
36	MP11	Y	-96.378	78
37	MP12	Y	-89.114	18
38	MP12	Y	-89.114	78
39	MP9	Y	-27.728	62
40	MP9	Y	-27.728	62
41	MP10	Y	-64.957	70
42	MP11	Y	-20.992	70
43	MP11	Y	-20.992	70
44	MP11	Y	-95.92	54
45	MP12	Y	-61.888	72

Member Point Loads (BLC 17 : Ice Wind Load AZI 0)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	35
2	MP1	Z	-10.44	35
3	MP1	X	0	78
4	MP1	Z	-10.44	78
5	MP2	X	0	18
6	MP2	Z	-19.51	18
7	MP2	X	0	78
8	MP2	Z	-19.51	78

Member Point Loads (BLC 17 : Ice Wind Load AZI 0) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
9	MP3	X	0	18
10	MP3	Z	-14.48	18
11	MP3	X	0	78
12	MP3	Z	-14.48	78
13	MP4	X	0	18
14	MP4	Z	-14.19	18
15	MP4	X	0	78
16	MP4	Z	-14.19	78
17	MP1	X	0	62
18	MP1	Z	-5.48	62
19	MP1	X	0	62
20	MP1	Z	-5.48	62
21	MP2	X	0	70
22	MP2	Z	-7.61	70
23	MP3	X	0	70
24	MP3	Z	-3	70
25	MP3	X	0	70
26	MP3	Z	-3	70
27	MP3	X	0	54
28	MP3	Z	-12.02	54
29	MP4	X	0	72
30	MP4	Z	-6.52	72
31	MP5	X	0	35
32	MP5	Z	-8.67	35
33	MP5	X	0	78
34	MP5	Z	-8.67	78
35	MP6	X	0	18
36	MP6	Z	-14.34	18
37	MP6	X	0	78
38	MP6	Z	-14.34	78
39	MP7	X	0	18
40	MP7	Z	-13.8	18
41	MP7	X	0	78
42	MP7	Z	-13.8	78
43	MP8	X	0	18
44	MP8	Z	-13.23	18
45	MP8	X	0	78
46	MP8	Z	-13.23	78
47	MP5	X	0	62
48	MP5	Z	-3.63	62
49	MP5	X	0	62
50	MP5	Z	-3.63	62
51	MP6	X	0	70
52	MP6	Z	-6.89	70
53	MP7	X	0	70
54	MP7	Z	-3.04	70
55	MP7	X	0	70
56	MP7	Z	-3.04	70
57	MP7	X	0	54
58	MP7	Z	-10.91	54
59	MP8	X	0	72
60	MP8	Z	-6.15	72
61	MP9	X	0	35
62	MP9	Z	-8.67	35
63	MP9	X	0	78
64	MP9	Z	-8.67	78
65	MP10	X	0	18

Member Point Loads (BLC 17 : Ice Wind Load AZI 0) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
66	MP10	Z	-14.34	18
67	MP10	X	0	78
68	MP10	Z	-14.34	78
69	MP11	X	0	18
70	MP11	Z	-13.8	18
71	MP11	X	0	78
72	MP11	Z	-13.8	78
73	MP12	X	0	18
74	MP12	Z	-13.23	18
75	MP12	X	0	78
76	MP12	Z	-13.23	78
77	MP9	X	0	62
78	MP9	Z	-3.63	62
79	MP9	X	0	62
80	MP9	Z	-3.63	62
81	MP10	X	0	70
82	MP10	Z	-6.89	70
83	MP11	X	0	70
84	MP11	Z	-3.04	70
85	MP11	X	0	70
86	MP11	Z	-3.04	70
87	MP11	X	0	54
88	MP11	Z	-10.91	54
89	MP12	X	0	72
90	MP12	Z	-6.15	72

Member Point Loads (BLC 18 : Ice Wind Load AZI 30)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-4.93	35
2	MP1	Z	-8.53	35
3	MP1	X	-4.93	78
4	MP1	Z	-8.53	78
5	MP2	X	-8.89	18
6	MP2	Z	-15.4	18
7	MP2	X	-8.89	78
8	MP2	Z	-15.4	78
9	MP3	X	-7.13	18
10	MP3	Z	-12.34	18
11	MP3	X	-7.13	78
12	MP3	Z	-12.34	78
13	MP4	X	-6.93	18
14	MP4	Z	-12.01	18
15	MP4	X	-6.93	78
16	MP4	Z	-12.01	78
17	MP1	X	-2.43	62
18	MP1	Z	-4.21	62
19	MP1	X	-2.43	62
20	MP1	Z	-4.21	62
21	MP2	X	-3.69	70
22	MP2	Z	-6.39	70
23	MP3	X	-1.51	70
24	MP3	Z	-2.61	70
25	MP3	X	-1.51	70
26	MP3	Z	-2.61	70
27	MP3	X	-5.83	54
28	MP3	Z	-10.09	54

Member Point Loads (BLC 18 : Ice Wind Load AZI 30) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
29	MP4	X	-3.2	72
30	MP4	Z	-5.54	72
31	MP5	X	-4.93	35
32	MP5	Z	-8.53	35
33	MP5	X	-4.93	78
34	MP5	Z	-8.53	78
35	MP6	X	-8.89	18
36	MP6	Z	-15.4	18
37	MP6	X	-8.89	78
38	MP6	Z	-15.4	78
39	MP7	X	-7.13	18
40	MP7	Z	-12.34	18
41	MP7	X	-7.13	78
42	MP7	Z	-12.34	78
43	MP8	X	-6.93	18
44	MP8	Z	-12.01	18
45	MP8	X	-6.93	78
46	MP8	Z	-12.01	78
47	MP5	X	-2.43	62
48	MP5	Z	-4.21	62
49	MP5	X	-2.43	62
50	MP5	Z	-4.21	62
51	MP6	X	-3.69	70
52	MP6	Z	-6.39	70
53	MP7	X	-1.51	70
54	MP7	Z	-2.61	70
55	MP7	X	-1.51	70
56	MP7	Z	-2.61	70
57	MP7	X	-5.83	54
58	MP7	Z	-10.09	54
59	MP8	X	-3.2	72
60	MP8	Z	-5.54	72
61	MP9	X	-4.04	35
62	MP9	Z	-7	35
63	MP9	X	-4.04	78
64	MP9	Z	-7	78
65	MP10	X	-6.31	18
66	MP10	Z	-10.92	18
67	MP10	X	-6.31	78
68	MP10	Z	-10.92	78
69	MP11	X	-6.79	18
70	MP11	Z	-11.76	18
71	MP11	X	-6.79	78
72	MP11	Z	-11.76	78
73	MP12	X	-6.46	18
74	MP12	Z	-11.18	18
75	MP12	X	-6.46	78
76	MP12	Z	-11.18	78
77	MP9	X	-1.51	62
78	MP9	Z	-2.61	62
79	MP9	X	-1.51	62
80	MP9	Z	-2.61	62
81	MP10	X	-3.32	70
82	MP10	Z	-5.76	70
83	MP11	X	-1.53	70
84	MP11	Z	-2.64	70
85	MP11	X	-1.53	70

Member Point Loads (BLC 18 : Ice Wind Load AZI 30) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
86	MP11	Z	-2.64	70
87	MP11	X	-5.27	54
88	MP11	Z	-9.13	54
89	MP12	X	-3.02	72
90	MP12	Z	-5.22	72

Member Point Loads (BLC 19 : Ice Wind Load AZI 60)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-7.51	35
2	MP1	Z	-4.34	35
3	MP1	X	-7.51	78
4	MP1	Z	-4.34	78
5	MP2	X	-12.42	18
6	MP2	Z	-7.17	18
7	MP2	X	-12.42	78
8	MP2	Z	-7.17	78
9	MP3	X	-11.95	18
10	MP3	Z	-6.9	18
11	MP3	X	-11.95	78
12	MP3	Z	-6.9	78
13	MP4	X	-11.46	18
14	MP4	Z	-6.62	18
15	MP4	X	-11.46	78
16	MP4	Z	-6.62	78
17	MP1	X	-3.15	62
18	MP1	Z	-1.82	62
19	MP1	X	-3.15	62
20	MP1	Z	-1.82	62
21	MP2	X	-5.97	70
22	MP2	Z	-3.45	70
23	MP3	X	-2.63	70
24	MP3	Z	-1.52	70
25	MP3	X	-2.63	70
26	MP3	Z	-1.52	70
27	MP3	X	-9.45	54
28	MP3	Z	-5.45	54
29	MP4	X	-5.33	72
30	MP4	Z	-3.08	72
31	MP5	X	-9.04	35
32	MP5	Z	-5.22	35
33	MP5	X	-9.04	78
34	MP5	Z	-5.22	78
35	MP6	X	-16.9	18
36	MP6	Z	-9.76	18
37	MP6	X	-16.9	78
38	MP6	Z	-9.76	78
39	MP7	X	-12.54	18
40	MP7	Z	-7.24	18
41	MP7	X	-12.54	78
42	MP7	Z	-7.24	78
43	MP8	X	-12.29	18
44	MP8	Z	-7.09	18
45	MP8	X	-12.29	78
46	MP8	Z	-7.09	78
47	MP5	X	-4.75	62
48	MP5	Z	-2.74	62

Member Point Loads (BLC 19 : Ice Wind Load AZI 60) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
49	MP5	X	-4.75	62
50	MP5	Z	-2.74	62
51	MP6	X	-6.59	70
52	MP6	Z	-3.81	70
53	MP7	X	-2.6	70
54	MP7	Z	-1.5	70
55	MP7	X	-2.6	70
56	MP7	Z	-1.5	70
57	MP7	X	-10.41	54
58	MP7	Z	-6.01	54
59	MP8	X	-5.65	72
60	MP8	Z	-3.26	72
61	MP9	X	-7.51	35
62	MP9	Z	-4.34	35
63	MP9	X	-7.51	78
64	MP9	Z	-4.34	78
65	MP10	X	-12.42	18
66	MP10	Z	-7.17	18
67	MP10	X	-12.42	78
68	MP10	Z	-7.17	78
69	MP11	X	-11.95	18
70	MP11	Z	-6.9	18
71	MP11	X	-11.95	78
72	MP11	Z	-6.9	78
73	MP12	X	-11.46	18
74	MP12	Z	-6.62	18
75	MP12	X	-11.46	78
76	MP12	Z	-6.62	78
77	MP9	X	-3.15	62
78	MP9	Z	-1.82	62
79	MP9	X	-3.15	62
80	MP9	Z	-1.82	62
81	MP10	X	-5.97	70
82	MP10	Z	-3.45	70
83	MP11	X	-2.63	70
84	MP11	Z	-1.52	70
85	MP11	X	-2.63	70
86	MP11	Z	-1.52	70
87	MP11	X	-9.45	54
88	MP11	Z	-5.45	54
89	MP12	X	-5.33	72
90	MP12	Z	-3.08	72

Member Point Loads (BLC 20 : Ice Wind Load AZI 90)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-8.09	35
2	MP1	Z	0	35
3	MP1	X	-8.09	78
4	MP1	Z	0	78
5	MP2	X	-12.61	18
6	MP2	Z	0	18
7	MP2	X	-12.61	78
8	MP2	Z	0	78
9	MP3	X	-13.57	18
10	MP3	Z	0	18
11	MP3	X	-13.57	78

Member Point Loads (BLC 20 : Ice Wind Load AZI 90) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
12	MP3	Z	0	78
13	MP4	X	-12.91	18
14	MP4	Z	0	18
15	MP4	X	-12.91	78
16	MP4	Z	0	78
17	MP1	X	-3.02	62
18	MP1	Z	0	62
19	MP1	X	-3.02	62
20	MP1	Z	0	62
21	MP2	X	-6.65	70
22	MP2	Z	0	70
23	MP3	X	-3.05	70
24	MP3	Z	0	70
25	MP3	X	-3.05	70
26	MP3	Z	0	70
27	MP3	X	-10.54	54
28	MP3	Z	0	54
29	MP4	X	-6.03	72
30	MP4	Z	0	72
31	MP5	X	-9.85	35
32	MP5	Z	0	35
33	MP5	X	-9.85	78
34	MP5	Z	0	78
35	MP6	X	-17.79	18
36	MP6	Z	0	18
37	MP6	X	-17.79	78
38	MP6	Z	0	78
39	MP7	X	-14.25	18
40	MP7	Z	0	18
41	MP7	X	-14.25	78
42	MP7	Z	0	78
43	MP8	X	-13.87	18
44	MP8	Z	0	18
45	MP8	X	-13.87	78
46	MP8	Z	0	78
47	MP5	X	-4.87	62
48	MP5	Z	0	62
49	MP5	X	-4.87	62
50	MP5	Z	0	62
51	MP6	X	-7.37	70
52	MP6	Z	0	70
53	MP7	X	-3.01	70
54	MP7	Z	0	70
55	MP7	X	-3.01	70
56	MP7	Z	0	70
57	MP7	X	-11.65	54
58	MP7	Z	0	54
59	MP8	X	-6.4	72
60	MP8	Z	0	72
61	MP9	X	-9.85	35
62	MP9	Z	0	35
63	MP9	X	-9.85	78
64	MP9	Z	0	78
65	MP10	X	-17.79	18
66	MP10	Z	0	18
67	MP10	X	-17.79	78
68	MP10	Z	0	78

Member Point Loads (BLC 20 : Ice Wind Load AZI 90) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
69	MP11	X	-14.25	18
70	MP11	Z	0	18
71	MP11	X	-14.25	78
72	MP11	Z	0	78
73	MP12	X	-13.87	18
74	MP12	Z	0	18
75	MP12	X	-13.87	78
76	MP12	Z	0	78
77	MP9	X	-4.87	62
78	MP9	Z	0	62
79	MP9	X	-4.87	62
80	MP9	Z	0	62
81	MP10	X	-7.37	70
82	MP10	Z	0	70
83	MP11	X	-3.01	70
84	MP11	Z	0	70
85	MP11	X	-3.01	70
86	MP11	Z	0	70
87	MP11	X	-11.65	54
88	MP11	Z	0	54
89	MP12	X	-6.4	72
90	MP12	Z	0	72

Member Point Loads (BLC 21 : Ice Wind Load AZI 120)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-7.51	35
2	MP1	Z	4.34	35
3	MP1	X	-7.51	78
4	MP1	Z	4.34	78
5	MP2	X	-12.42	18
6	MP2	Z	7.17	18
7	MP2	X	-12.42	78
8	MP2	Z	7.17	78
9	MP3	X	-11.95	18
10	MP3	Z	6.9	18
11	MP3	X	-11.95	78
12	MP3	Z	6.9	78
13	MP4	X	-11.46	18
14	MP4	Z	6.62	18
15	MP4	X	-11.46	78
16	MP4	Z	6.62	78
17	MP1	X	-3.15	62
18	MP1	Z	1.82	62
19	MP1	X	-3.15	62
20	MP1	Z	1.82	62
21	MP2	X	-5.97	70
22	MP2	Z	3.45	70
23	MP3	X	-2.63	70
24	MP3	Z	1.52	70
25	MP3	X	-2.63	70
26	MP3	Z	1.52	70
27	MP3	X	-9.45	54
28	MP3	Z	5.45	54
29	MP4	X	-5.33	72
30	MP4	Z	3.08	72
31	MP5	X	-7.51	35

Member Point Loads (BLC 21 : Ice Wind Load AZI 120) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
32	MP5	Z	4.34	35
33	MP5	X	-7.51	78
34	MP5	Z	4.34	78
35	MP6	X	-12.42	18
36	MP6	Z	7.17	18
37	MP6	X	-12.42	78
38	MP6	Z	7.17	78
39	MP7	X	-11.95	18
40	MP7	Z	6.9	18
41	MP7	X	-11.95	78
42	MP7	Z	6.9	78
43	MP8	X	-11.46	18
44	MP8	Z	6.62	18
45	MP8	X	-11.46	78
46	MP8	Z	6.62	78
47	MP5	X	-3.15	62
48	MP5	Z	1.82	62
49	MP5	X	-3.15	62
50	MP5	Z	1.82	62
51	MP6	X	-5.97	70
52	MP6	Z	3.45	70
53	MP7	X	-2.63	70
54	MP7	Z	1.52	70
55	MP7	X	-2.63	70
56	MP7	Z	1.52	70
57	MP7	X	-9.45	54
58	MP7	Z	5.45	54
59	MP8	X	-5.33	72
60	MP8	Z	3.08	72
61	MP9	X	-9.04	35
62	MP9	Z	5.22	35
63	MP9	X	-9.04	78
64	MP9	Z	5.22	78
65	MP10	X	-16.9	18
66	MP10	Z	9.76	18
67	MP10	X	-16.9	78
68	MP10	Z	9.76	78
69	MP11	X	-12.54	18
70	MP11	Z	7.24	18
71	MP11	X	-12.54	78
72	MP11	Z	7.24	78
73	MP12	X	-12.29	18
74	MP12	Z	7.09	18
75	MP12	X	-12.29	78
76	MP12	Z	7.09	78
77	MP9	X	-4.75	62
78	MP9	Z	2.74	62
79	MP9	X	-4.75	62
80	MP9	Z	2.74	62
81	MP10	X	-6.59	70
82	MP10	Z	3.81	70
83	MP11	X	-2.6	70
84	MP11	Z	1.5	70
85	MP11	X	-2.6	70
86	MP11	Z	1.5	70
87	MP11	X	-10.41	54
88	MP11	Z	6.01	54

Member Point Loads (BLC 21 : Ice Wind Load AZI 120) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
89	MP12	X	-5.65	72
90	MP12	Z	3.26	72

Member Point Loads (BLC 22 : Ice Wind Load AZI 150)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-4.93	35
2	MP1	Z	8.53	35
3	MP1	X	-4.93	78
4	MP1	Z	8.53	78
5	MP2	X	-8.89	18
6	MP2	Z	15.4	18
7	MP2	X	-8.89	78
8	MP2	Z	15.4	78
9	MP3	X	-7.13	18
10	MP3	Z	12.34	18
11	MP3	X	-7.13	78
12	MP3	Z	12.34	78
13	MP4	X	-6.93	18
14	MP4	Z	12.01	18
15	MP4	X	-6.93	78
16	MP4	Z	12.01	78
17	MP1	X	-2.43	62
18	MP1	Z	4.21	62
19	MP1	X	-2.43	62
20	MP1	Z	4.21	62
21	MP2	X	-3.69	70
22	MP2	Z	6.39	70
23	MP3	X	-1.51	70
24	MP3	Z	2.61	70
25	MP3	X	-1.51	70
26	MP3	Z	2.61	70
27	MP3	X	-5.83	54
28	MP3	Z	10.09	54
29	MP4	X	-3.2	72
30	MP4	Z	5.54	72
31	MP5	X	-4.04	35
32	MP5	Z	7	35
33	MP5	X	-4.04	78
34	MP5	Z	7	78
35	MP6	X	-6.31	18
36	MP6	Z	10.92	18
37	MP6	X	-6.31	78
38	MP6	Z	10.92	78
39	MP7	X	-6.79	18
40	MP7	Z	11.76	18
41	MP7	X	-6.79	78
42	MP7	Z	11.76	78
43	MP8	X	-6.46	18
44	MP8	Z	11.18	18
45	MP8	X	-6.46	78
46	MP8	Z	11.18	78
47	MP5	X	-1.51	62
48	MP5	Z	2.61	62
49	MP5	X	-1.51	62
50	MP5	Z	2.61	62
51	MP6	X	-3.32	70

Member Point Loads (BLC 22 : Ice Wind Load AZI 150) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
52	MP6	Z	5.76	70
53	MP7	X	-1.53	70
54	MP7	Z	2.64	70
55	MP7	X	-1.53	70
56	MP7	Z	2.64	70
57	MP7	X	-5.27	54
58	MP7	Z	9.13	54
59	MP8	X	-3.02	72
60	MP8	Z	5.22	72
61	MP9	X	-4.93	35
62	MP9	Z	8.53	35
63	MP9	X	-4.93	78
64	MP9	Z	8.53	78
65	MP10	X	-8.89	18
66	MP10	Z	15.4	18
67	MP10	X	-8.89	78
68	MP10	Z	15.4	78
69	MP11	X	-7.13	18
70	MP11	Z	12.34	18
71	MP11	X	-7.13	78
72	MP11	Z	12.34	78
73	MP12	X	-6.93	18
74	MP12	Z	12.01	18
75	MP12	X	-6.93	78
76	MP12	Z	12.01	78
77	MP9	X	-2.43	62
78	MP9	Z	4.21	62
79	MP9	X	-2.43	62
80	MP9	Z	4.21	62
81	MP10	X	-3.69	70
82	MP10	Z	6.39	70
83	MP11	X	-1.51	70
84	MP11	Z	2.61	70
85	MP11	X	-1.51	70
86	MP11	Z	2.61	70
87	MP11	X	-5.83	54
88	MP11	Z	10.09	54
89	MP12	X	-3.2	72
90	MP12	Z	5.54	72

Member Point Loads (BLC 23 : Ice Wind Load AZI 180)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	35
2	MP1	Z	10.44	35
3	MP1	X	0	78
4	MP1	Z	10.44	78
5	MP2	X	0	18
6	MP2	Z	19.51	18
7	MP2	X	0	78
8	MP2	Z	19.51	78
9	MP3	X	0	18
10	MP3	Z	14.48	18
11	MP3	X	0	78
12	MP3	Z	14.48	78
13	MP4	X	0	18
14	MP4	Z	14.19	18

Member Point Loads (BLC 23 : Ice Wind Load AZI 180) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
15	MP4	X	0	78
16	MP4	Z	14.19	78
17	MP1	X	0	62
18	MP1	Z	5.48	62
19	MP1	X	0	62
20	MP1	Z	5.48	62
21	MP2	X	0	70
22	MP2	Z	7.61	70
23	MP3	X	0	70
24	MP3	Z	3	70
25	MP3	X	0	70
26	MP3	Z	3	70
27	MP3	X	0	54
28	MP3	Z	12.02	54
29	MP4	X	0	72
30	MP4	Z	6.52	72
31	MP5	X	0	35
32	MP5	Z	8.67	35
33	MP5	X	0	78
34	MP5	Z	8.67	78
35	MP6	X	0	18
36	MP6	Z	14.34	18
37	MP6	X	0	78
38	MP6	Z	14.34	78
39	MP7	X	0	18
40	MP7	Z	13.8	18
41	MP7	X	0	78
42	MP7	Z	13.8	78
43	MP8	X	0	18
44	MP8	Z	13.23	18
45	MP8	X	0	78
46	MP8	Z	13.23	78
47	MP5	X	0	62
48	MP5	Z	3.63	62
49	MP5	X	0	62
50	MP5	Z	3.63	62
51	MP6	X	0	70
52	MP6	Z	6.89	70
53	MP7	X	0	70
54	MP7	Z	3.04	70
55	MP7	X	0	70
56	MP7	Z	3.04	70
57	MP7	X	0	54
58	MP7	Z	10.91	54
59	MP8	X	0	72
60	MP8	Z	6.15	72
61	MP9	X	0	35
62	MP9	Z	8.67	35
63	MP9	X	0	78
64	MP9	Z	8.67	78
65	MP10	X	0	18
66	MP10	Z	14.34	18
67	MP10	X	0	78
68	MP10	Z	14.34	78
69	MP11	X	0	18
70	MP11	Z	13.8	18
71	MP11	X	0	78

Member Point Loads (BLC 23 : Ice Wind Load AZI 180) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
72	MP11	Z	13.8	78
73	MP12	X	0	18
74	MP12	Z	13.23	18
75	MP12	X	0	78
76	MP12	Z	13.23	78
77	MP9	X	0	62
78	MP9	Z	3.63	62
79	MP9	X	0	62
80	MP9	Z	3.63	62
81	MP10	X	0	70
82	MP10	Z	6.89	70
83	MP11	X	0	70
84	MP11	Z	3.04	70
85	MP11	X	0	70
86	MP11	Z	3.04	70
87	MP11	X	0	54
88	MP11	Z	10.91	54
89	MP12	X	0	72
90	MP12	Z	6.15	72

Member Point Loads (BLC 24 : Ice Wind Load AZI 210)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	4.93	35
2	MP1	Z	8.53	35
3	MP1	X	4.93	78
4	MP1	Z	8.53	78
5	MP2	X	8.89	18
6	MP2	Z	15.4	18
7	MP2	X	8.89	78
8	MP2	Z	15.4	78
9	MP3	X	7.13	18
10	MP3	Z	12.34	18
11	MP3	X	7.13	78
12	MP3	Z	12.34	78
13	MP4	X	6.93	18
14	MP4	Z	12.01	18
15	MP4	X	6.93	78
16	MP4	Z	12.01	78
17	MP1	X	2.43	62
18	MP1	Z	4.21	62
19	MP1	X	2.43	62
20	MP1	Z	4.21	62
21	MP2	X	3.69	70
22	MP2	Z	6.39	70
23	MP3	X	1.51	70
24	MP3	Z	2.61	70
25	MP3	X	1.51	70
26	MP3	Z	2.61	70
27	MP3	X	5.83	54
28	MP3	Z	10.09	54
29	MP4	X	3.2	72
30	MP4	Z	5.54	72
31	MP5	X	4.93	35
32	MP5	Z	8.53	35
33	MP5	X	4.93	78
34	MP5	Z	8.53	78

Member Point Loads (BLC 24 : Ice Wind Load AZI 210) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
35	MP6	X	8.89	18
36	MP6	Z	15.4	18
37	MP6	X	8.89	78
38	MP6	Z	15.4	78
39	MP7	X	7.13	18
40	MP7	Z	12.34	18
41	MP7	X	7.13	78
42	MP7	Z	12.34	78
43	MP8	X	6.93	18
44	MP8	Z	12.01	18
45	MP8	X	6.93	78
46	MP8	Z	12.01	78
47	MP5	X	2.43	62
48	MP5	Z	4.21	62
49	MP5	X	2.43	62
50	MP5	Z	4.21	62
51	MP6	X	3.69	70
52	MP6	Z	6.39	70
53	MP7	X	1.51	70
54	MP7	Z	2.61	70
55	MP7	X	1.51	70
56	MP7	Z	2.61	70
57	MP7	X	5.83	54
58	MP7	Z	10.09	54
59	MP8	X	3.2	72
60	MP8	Z	5.54	72
61	MP9	X	4.04	35
62	MP9	Z	7	35
63	MP9	X	4.04	78
64	MP9	Z	7	78
65	MP10	X	6.31	18
66	MP10	Z	10.92	18
67	MP10	X	6.31	78
68	MP10	Z	10.92	78
69	MP11	X	6.79	18
70	MP11	Z	11.76	18
71	MP11	X	6.79	78
72	MP11	Z	11.76	78
73	MP12	X	6.46	18
74	MP12	Z	11.18	18
75	MP12	X	6.46	78
76	MP12	Z	11.18	78
77	MP9	X	1.51	62
78	MP9	Z	2.61	62
79	MP9	X	1.51	62
80	MP9	Z	2.61	62
81	MP10	X	3.32	70
82	MP10	Z	5.76	70
83	MP11	X	1.53	70
84	MP11	Z	2.64	70
85	MP11	X	1.53	70
86	MP11	Z	2.64	70
87	MP11	X	5.27	54
88	MP11	Z	9.13	54
89	MP12	X	3.02	72
90	MP12	Z	5.22	72

Member Point Loads (BLC 25 : Ice Wind Load AZI 240)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	7.51	35
2	MP1	Z	4.34	35
3	MP1	X	7.51	78
4	MP1	Z	4.34	78
5	MP2	X	12.42	18
6	MP2	Z	7.17	18
7	MP2	X	12.42	78
8	MP2	Z	7.17	78
9	MP3	X	11.95	18
10	MP3	Z	6.9	18
11	MP3	X	11.95	78
12	MP3	Z	6.9	78
13	MP4	X	11.46	18
14	MP4	Z	6.62	18
15	MP4	X	11.46	78
16	MP4	Z	6.62	78
17	MP1	X	3.15	62
18	MP1	Z	1.82	62
19	MP1	X	3.15	62
20	MP1	Z	1.82	62
21	MP2	X	5.97	70
22	MP2	Z	3.45	70
23	MP3	X	2.63	70
24	MP3	Z	1.52	70
25	MP3	X	2.63	70
26	MP3	Z	1.52	70
27	MP3	X	9.45	54
28	MP3	Z	5.45	54
29	MP4	X	5.33	72
30	MP4	Z	3.08	72
31	MP5	X	9.04	35
32	MP5	Z	5.22	35
33	MP5	X	9.04	78
34	MP5	Z	5.22	78
35	MP6	X	16.9	18
36	MP6	Z	9.76	18
37	MP6	X	16.9	78
38	MP6	Z	9.76	78
39	MP7	X	12.54	18
40	MP7	Z	7.24	18
41	MP7	X	12.54	78
42	MP7	Z	7.24	78
43	MP8	X	12.29	18
44	MP8	Z	7.09	18
45	MP8	X	12.29	78
46	MP8	Z	7.09	78
47	MP5	X	4.75	62
48	MP5	Z	2.74	62
49	MP5	X	4.75	62
50	MP5	Z	2.74	62
51	MP6	X	6.59	70
52	MP6	Z	3.81	70
53	MP7	X	2.6	70
54	MP7	Z	1.5	70
55	MP7	X	2.6	70
56	MP7	Z	1.5	70
57	MP7	X	10.41	54

Member Point Loads (BLC 25 : Ice Wind Load AZI 240) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
58	MP7	Z	6.01	54
59	MP8	X	5.65	72
60	MP8	Z	3.26	72
61	MP9	X	7.51	35
62	MP9	Z	4.34	35
63	MP9	X	7.51	78
64	MP9	Z	4.34	78
65	MP10	X	12.42	18
66	MP10	Z	7.17	18
67	MP10	X	12.42	78
68	MP10	Z	7.17	78
69	MP11	X	11.95	18
70	MP11	Z	6.9	18
71	MP11	X	11.95	78
72	MP11	Z	6.9	78
73	MP12	X	11.46	18
74	MP12	Z	6.62	18
75	MP12	X	11.46	78
76	MP12	Z	6.62	78
77	MP9	X	3.15	62
78	MP9	Z	1.82	62
79	MP9	X	3.15	62
80	MP9	Z	1.82	62
81	MP10	X	5.97	70
82	MP10	Z	3.45	70
83	MP11	X	2.63	70
84	MP11	Z	1.52	70
85	MP11	X	2.63	70
86	MP11	Z	1.52	70
87	MP11	X	9.45	54
88	MP11	Z	5.45	54
89	MP12	X	5.33	72
90	MP12	Z	3.08	72

Member Point Loads (BLC 26 : Ice Wind Load AZI 270)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	8.09	35
2	MP1	Z	0	35
3	MP1	X	8.09	78
4	MP1	Z	0	78
5	MP2	X	12.61	18
6	MP2	Z	0	18
7	MP2	X	12.61	78
8	MP2	Z	0	78
9	MP3	X	13.57	18
10	MP3	Z	0	18
11	MP3	X	13.57	78
12	MP3	Z	0	78
13	MP4	X	12.91	18
14	MP4	Z	0	18
15	MP4	X	12.91	78
16	MP4	Z	0	78
17	MP1	X	3.02	62
18	MP1	Z	0	62
19	MP1	X	3.02	62
20	MP1	Z	0	62

Member Point Loads (BLC 26 : Ice Wind Load AZI 270) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
21	MP2	X	6.65	70
22	MP2	Z	0	70
23	MP3	X	3.05	70
24	MP3	Z	0	70
25	MP3	X	3.05	70
26	MP3	Z	0	70
27	MP3	X	10.54	54
28	MP3	Z	0	54
29	MP4	X	6.03	72
30	MP4	Z	0	72
31	MP5	X	9.85	35
32	MP5	Z	0	35
33	MP5	X	9.85	78
34	MP5	Z	0	78
35	MP6	X	17.79	18
36	MP6	Z	0	18
37	MP6	X	17.79	78
38	MP6	Z	0	78
39	MP7	X	14.25	18
40	MP7	Z	0	18
41	MP7	X	14.25	78
42	MP7	Z	0	78
43	MP8	X	13.87	18
44	MP8	Z	0	18
45	MP8	X	13.87	78
46	MP8	Z	0	78
47	MP5	X	4.87	62
48	MP5	Z	0	62
49	MP5	X	4.87	62
50	MP5	Z	0	62
51	MP6	X	7.37	70
52	MP6	Z	0	70
53	MP7	X	3.01	70
54	MP7	Z	0	70
55	MP7	X	3.01	70
56	MP7	Z	0	70
57	MP7	X	11.65	54
58	MP7	Z	0	54
59	MP8	X	6.4	72
60	MP8	Z	0	72
61	MP9	X	9.85	35
62	MP9	Z	0	35
63	MP9	X	9.85	78
64	MP9	Z	0	78
65	MP10	X	17.79	18
66	MP10	Z	0	18
67	MP10	X	17.79	78
68	MP10	Z	0	78
69	MP11	X	14.25	18
70	MP11	Z	0	18
71	MP11	X	14.25	78
72	MP11	Z	0	78
73	MP12	X	13.87	18
74	MP12	Z	0	18
75	MP12	X	13.87	78
76	MP12	Z	0	78
77	MP9	X	4.87	62

Member Point Loads (BLC 26 : Ice Wind Load AZI 270) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
78	MP9	Z	0	62
79	MP9	X	4.87	62
80	MP9	Z	0	62
81	MP10	X	7.37	70
82	MP10	Z	0	70
83	MP11	X	3.01	70
84	MP11	Z	0	70
85	MP11	X	3.01	70
86	MP11	Z	0	70
87	MP11	X	11.65	54
88	MP11	Z	0	54
89	MP12	X	6.4	72
90	MP12	Z	0	72

Member Point Loads (BLC 27 : Ice Wind Load AZI 300)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	7.51	35
2	MP1	Z	-4.34	35
3	MP1	X	7.51	78
4	MP1	Z	-4.34	78
5	MP2	X	12.42	18
6	MP2	Z	-7.17	18
7	MP2	X	12.42	78
8	MP2	Z	-7.17	78
9	MP3	X	11.95	18
10	MP3	Z	-6.9	18
11	MP3	X	11.95	78
12	MP3	Z	-6.9	78
13	MP4	X	11.46	18
14	MP4	Z	-6.62	18
15	MP4	X	11.46	78
16	MP4	Z	-6.62	78
17	MP1	X	3.15	62
18	MP1	Z	-1.82	62
19	MP1	X	3.15	62
20	MP1	Z	-1.82	62
21	MP2	X	5.97	70
22	MP2	Z	-3.45	70
23	MP3	X	2.63	70
24	MP3	Z	-1.52	70
25	MP3	X	2.63	70
26	MP3	Z	-1.52	70
27	MP3	X	9.45	54
28	MP3	Z	-5.45	54
29	MP4	X	5.33	72
30	MP4	Z	-3.08	72
31	MP5	X	7.51	35
32	MP5	Z	-4.34	35
33	MP5	X	7.51	78
34	MP5	Z	-4.34	78
35	MP6	X	12.42	18
36	MP6	Z	-7.17	18
37	MP6	X	12.42	78
38	MP6	Z	-7.17	78
39	MP7	X	11.95	18
40	MP7	Z	-6.9	18

Member Point Loads (BLC 27 : Ice Wind Load AZI 300) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
41	MP7	X	11.95	78
42	MP7	Z	-6.9	78
43	MP8	X	11.46	18
44	MP8	Z	-6.62	18
45	MP8	X	11.46	78
46	MP8	Z	-6.62	78
47	MP5	X	3.15	62
48	MP5	Z	-1.82	62
49	MP5	X	3.15	62
50	MP5	Z	-1.82	62
51	MP6	X	5.97	70
52	MP6	Z	-3.45	70
53	MP7	X	2.63	70
54	MP7	Z	-1.52	70
55	MP7	X	2.63	70
56	MP7	Z	-1.52	70
57	MP7	X	9.45	54
58	MP7	Z	-5.45	54
59	MP8	X	5.33	72
60	MP8	Z	-3.08	72
61	MP9	X	9.04	35
62	MP9	Z	-5.22	35
63	MP9	X	9.04	78
64	MP9	Z	-5.22	78
65	MP10	X	16.9	18
66	MP10	Z	-9.76	18
67	MP10	X	16.9	78
68	MP10	Z	-9.76	78
69	MP11	X	12.54	18
70	MP11	Z	-7.24	18
71	MP11	X	12.54	78
72	MP11	Z	-7.24	78
73	MP12	X	12.29	18
74	MP12	Z	-7.09	18
75	MP12	X	12.29	78
76	MP12	Z	-7.09	78
77	MP9	X	4.75	62
78	MP9	Z	-2.74	62
79	MP9	X	4.75	62
80	MP9	Z	-2.74	62
81	MP10	X	6.59	70
82	MP10	Z	-3.81	70
83	MP11	X	2.6	70
84	MP11	Z	-1.5	70
85	MP11	X	2.6	70
86	MP11	Z	-1.5	70
87	MP11	X	10.41	54
88	MP11	Z	-6.01	54
89	MP12	X	5.65	72
90	MP12	Z	-3.26	72

Member Point Loads (BLC 28 : Ice Wind Load AZI 330)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	4.93	35
2	MP1	Z	-8.53	35
3	MP1	X	4.93	78

Member Point Loads (BLC 28 : Ice Wind Load AZI 330) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
4	MP1	Z	-8.53	78
5	MP2	X	8.89	18
6	MP2	Z	-15.4	18
7	MP2	X	8.89	78
8	MP2	Z	-15.4	78
9	MP3	X	7.13	18
10	MP3	Z	-12.34	18
11	MP3	X	7.13	78
12	MP3	Z	-12.34	78
13	MP4	X	6.93	18
14	MP4	Z	-12.01	18
15	MP4	X	6.93	78
16	MP4	Z	-12.01	78
17	MP1	X	2.43	62
18	MP1	Z	-4.21	62
19	MP1	X	2.43	62
20	MP1	Z	-4.21	62
21	MP2	X	3.69	70
22	MP2	Z	-6.39	70
23	MP3	X	1.51	70
24	MP3	Z	-2.61	70
25	MP3	X	1.51	70
26	MP3	Z	-2.61	70
27	MP3	X	5.83	54
28	MP3	Z	-10.09	54
29	MP4	X	3.2	72
30	MP4	Z	-5.54	72
31	MP5	X	4.04	35
32	MP5	Z	-7	35
33	MP5	X	4.04	78
34	MP5	Z	-7	78
35	MP6	X	6.31	18
36	MP6	Z	-10.92	18
37	MP6	X	6.31	78
38	MP6	Z	-10.92	78
39	MP7	X	6.79	18
40	MP7	Z	-11.76	18
41	MP7	X	6.79	78
42	MP7	Z	-11.76	78
43	MP8	X	6.46	18
44	MP8	Z	-11.18	18
45	MP8	X	6.46	78
46	MP8	Z	-11.18	78
47	MP5	X	1.51	62
48	MP5	Z	-2.61	62
49	MP5	X	1.51	62
50	MP5	Z	-2.61	62
51	MP6	X	3.32	70
52	MP6	Z	-5.76	70
53	MP7	X	1.53	70
54	MP7	Z	-2.64	70
55	MP7	X	1.53	70
56	MP7	Z	-2.64	70
57	MP7	X	5.27	54
58	MP7	Z	-9.13	54
59	MP8	X	3.02	72
60	MP8	Z	-5.22	72

Member Point Loads (BLC 28 : Ice Wind Load AZI 330) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
61	MP9	X	4.93	35
62	MP9	Z	-8.53	35
63	MP9	X	4.93	78
64	MP9	Z	-8.53	78
65	MP10	X	8.89	18
66	MP10	Z	-15.4	18
67	MP10	X	8.89	78
68	MP10	Z	-15.4	78
69	MP11	X	7.13	18
70	MP11	Z	-12.34	18
71	MP11	X	7.13	78
72	MP11	Z	-12.34	78
73	MP12	X	6.93	18
74	MP12	Z	-12.01	18
75	MP12	X	6.93	78
76	MP12	Z	-12.01	78
77	MP9	X	2.43	62
78	MP9	Z	-4.21	62
79	MP9	X	2.43	62
80	MP9	Z	-4.21	62
81	MP10	X	3.69	70
82	MP10	Z	-6.39	70
83	MP11	X	1.51	70
84	MP11	Z	-2.61	70
85	MP11	X	1.51	70
86	MP11	Z	-2.61	70
87	MP11	X	5.83	54
88	MP11	Z	-10.09	54
89	MP12	X	3.2	72
90	MP12	Z	-5.54	72

Member Point Loads (BLC 31 : Seismic Load Z)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	Z	-1.699	35
2	MP1	Z	-1.699	78
3	MP2	Z	-3.854	18
4	MP2	Z	-3.854	78
5	MP3	Z	-5.387	18
6	MP3	Z	-5.387	78
7	MP4	Z	-2.087	18
8	MP4	Z	-2.087	78
9	MP1	Z	-1.369	62
10	MP1	Z	-1.369	62
11	MP2	Z	-6.892	70
12	MP3	Z	-2.465	70
13	MP3	Z	-2.465	70
14	MP3	Z	-7.474	54
15	MP4	Z	-6.989	72
16	MP5	Z	-1.699	35
17	MP5	Z	-1.699	78
18	MP6	Z	-3.854	18
19	MP6	Z	-3.854	78
20	MP7	Z	-5.387	18
21	MP7	Z	-5.387	78
22	MP8	Z	-2.087	18
23	MP8	Z	-2.087	78

Member Point Loads (BLC 31 : Seismic Load Z) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
24	MP5	Z	-1.369	62
25	MP5	Z	-1.369	62
26	MP6	Z	-6.892	70
27	MP7	Z	-2.465	70
28	MP7	Z	-2.465	70
29	MP7	Z	-7.474	54
30	MP8	Z	-6.989	72
31	MP9	Z	-1.699	35
32	MP9	Z	-1.699	78
33	MP10	Z	-3.854	18
34	MP10	Z	-3.854	78
35	MP11	Z	-5.387	18
36	MP11	Z	-5.387	78
37	MP12	Z	-2.087	18
38	MP12	Z	-2.087	78
39	MP9	Z	-1.369	62
40	MP9	Z	-1.369	62
41	MP10	Z	-6.892	70
42	MP11	Z	-2.465	70
43	MP11	Z	-2.465	70
44	MP11	Z	-7.474	54
45	MP12	Z	-6.989	72

Member Point Loads (BLC 32 : Seismic Load X)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-1.699	35
2	MP1	X	-1.699	78
3	MP2	X	-3.854	18
4	MP2	X	-3.854	78
5	MP3	X	-5.387	18
6	MP3	X	-5.387	78
7	MP4	X	-2.087	18
8	MP4	X	-2.087	78
9	MP1	X	-1.369	62
10	MP1	X	-1.369	62
11	MP2	X	-6.892	70
12	MP3	X	-2.465	70
13	MP3	X	-2.465	70
14	MP3	X	-7.474	54
15	MP4	X	-6.989	72
16	MP5	X	-1.699	35
17	MP5	X	-1.699	78
18	MP6	X	-3.854	18
19	MP6	X	-3.854	78
20	MP7	X	-5.387	18
21	MP7	X	-5.387	78
22	MP8	X	-2.087	18
23	MP8	X	-2.087	78
24	MP5	X	-1.369	62
25	MP5	X	-1.369	62
26	MP6	X	-6.892	70
27	MP7	X	-2.465	70
28	MP7	X	-2.465	70
29	MP7	X	-7.474	54
30	MP8	X	-6.989	72
31	MP9	X	-1.699	35

Member Point Loads (BLC 32 : Seismic Load X) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
32	MP9	X	-1.699	78
33	MP10	X	-3.854	18
34	MP10	X	-3.854	78
35	MP11	X	-5.387	18
36	MP11	X	-5.387	78
37	MP12	X	-2.087	18
38	MP12	X	-2.087	78
39	MP9	X	-1.369	62
40	MP9	X	-1.369	62
41	MP10	X	-6.892	70
42	MP11	X	-2.465	70
43	MP11	X	-2.465	70
44	MP11	X	-7.474	54
45	MP12	X	-6.989	72

Joint Loads and Enforced Displacements (BLC 33 : Service Live Loads)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...
1	N194B	L	Y	-500
2	N206	L	Y	-500
3	N194C	L	Y	-500

Joint Loads and Enforced Displacements (BLC 34 : Maintenance Load 1)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...
1	N206A	L	Y	-500

Joint Loads and Enforced Displacements (BLC 35 : Maintenance Load 2)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...
1	N214	L	Y	-500

Joint Loads and Enforced Displacements (BLC 36 : Maintenance Load 3)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...
1	N208	L	Y	-500

Joint Loads and Enforced Displacements (BLC 37 : Maintenance Load 4)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...
1	N207	L	Y	-500

Joint Loads and Enforced Displacements (BLC 38 : Maintenance Load 5)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...
1	N211	L	Y	-500

Joint Loads and Enforced Displacements (BLC 39 : Maintenance Load 6)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...
1	N213A	L	Y	-500

Joint Loads and Enforced Displacements (BLC 40 : Maintenance Load 7)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...
1	N212	L	Y	-500

Joint Loads and Enforced Displacements (BLC 41 : Maintenance Load 8)

Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...

Joint Loads and Enforced Displacements (BLC 41 : Maintenance Load 8) (Continued)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...
1	N164	L	Y	-500

Joint Loads and Enforced Displacements (BLC 42 : Maintenance Load 9)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...
1	N206C	L	Y	-500

Joint Loads and Enforced Displacements (BLC 43 : Maintenance Load 10)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...
1	N209	L	Y	-500

Joint Loads and Enforced Displacements (BLC 44 : Maintenance Load 11)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...
1	N213C	L	Y	-500

Joint Loads and Enforced Displacements (BLC 45 : Maintenance Load 12)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^...
1	N226	L	Y	-500

Member Distributed Loads (BLC 14 : Distr. Wind Load Z)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	M1	SZ	-75.532	-75.532	0	%100
2	M2	SZ	-75.532	-75.532	0	%100
3	M3	SZ	-75.532	-75.532	0	%100
4	M4	SZ	0	0	0	%100
5	M5	SZ	0	0	0	%100
6	M6	SZ	0	0	0	%100
7	M7	SZ	-75.532	-75.532	0	%100
8	M8	SZ	-75.532	-75.532	0	%100
9	M9	SZ	-75.532	-75.532	0	%100
10	M10	SZ	-75.532	-75.532	0	%100
11	M11	SZ	-75.532	-75.532	0	%100
12	M12	SZ	-75.532	-75.532	0	%100
13	M13	SZ	-75.532	-75.532	0	%100
14	M14	SZ	-75.532	-75.532	0	%100
15	M15	SZ	-75.532	-75.532	0	%100
16	M16	SZ	-75.532	-75.532	0	%100
17	M17	SZ	-75.532	-75.532	0	%100
18	M18	SZ	-75.532	-75.532	0	%100
19	M19	SZ	-75.532	-75.532	0	%100
20	M20	SZ	-75.532	-75.532	0	%100
21	M21	SZ	-75.532	-75.532	0	%100
22	M22	SZ	-75.532	-75.532	0	%100
23	M23	SZ	-75.532	-75.532	0	%100
24	M24	SZ	-75.532	-75.532	0	%100
25	M25	SZ	-75.532	-75.532	0	%100
26	M26	SZ	-75.532	-75.532	0	%100
27	M27	SZ	-75.532	-75.532	0	%100
28	M28	SZ	-75.532	-75.532	0	%100
29	M29	SZ	-75.532	-75.532	0	%100
30	M30	SZ	-75.532	-75.532	0	%100
31	M31	SZ	-75.532	-75.532	0	%100
32	M32	SZ	-75.532	-75.532	0	%100
33	M33	SZ	-75.532	-75.532	0	%100

Member Distributed Loads (BLC 14 : Distr. Wind Load Z) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
34	M34	SZ	0	0	0	%100
35	M35	SZ	0	0	0	%100
36	M36	SZ	0	0	0	%100
37	M37	SZ	-75.532	-75.532	0	%100
38	M38	SZ	-75.532	-75.532	0	%100
39	M39	SZ	-75.532	-75.532	0	%100
40	M40	SZ	-75.532	-75.532	0	%100
41	M41	SZ	-75.532	-75.532	0	%100
42	M42	SZ	-75.532	-75.532	0	%100
43	M43	SZ	-75.532	-75.532	0	%100
44	M44	SZ	-75.532	-75.532	0	%100
45	M45	SZ	-75.532	-75.532	0	%100
46	M46	SZ	-75.532	-75.532	0	%100
47	M47	SZ	-75.532	-75.532	0	%100
48	M48	SZ	-75.532	-75.532	0	%100
49	M49	SZ	-75.532	-75.532	0	%100
50	M50	SZ	-75.532	-75.532	0	%100
51	M51	SZ	-75.532	-75.532	0	%100
52	M52	SZ	-75.532	-75.532	0	%100
53	M53	SZ	-75.532	-75.532	0	%100
54	M54	SZ	-75.532	-75.532	0	%100
55	M69	SZ	-45.319	-45.319	0	%100
56	M72	SZ	-45.319	-45.319	0	%100
57	M75	SZ	-45.319	-45.319	0	%100
58	M85	SZ	-75.532	-75.532	0	%100
59	M86	SZ	-75.532	-75.532	0	%100
60	M87	SZ	-75.532	-75.532	0	%100
61	M88	SZ	-75.532	-75.532	0	%100
62	M89	SZ	-75.532	-75.532	0	%100
63	M90	SZ	-75.532	-75.532	0	%100
64	M91	SZ	-75.532	-75.532	0	%100
65	M92	SZ	-75.532	-75.532	0	%100
66	M93	SZ	-75.532	-75.532	0	%100
67	M94	SZ	0	0	0	%100
68	M95	SZ	0	0	0	%100
69	M96	SZ	0	0	0	%100
70	M97	SZ	0	0	0	%100
71	M98	SZ	0	0	0	%100
72	M99	SZ	0	0	0	%100
73	M100	SZ	-45.319	-45.319	0	%100
74	M101	SZ	-45.319	-45.319	0	%100
75	M102	SZ	-45.319	-45.319	0	%100
76	MP1	SZ	-45.319	-45.319	0	%100
77	MP2	SZ	-45.319	-45.319	0	%100
78	MP3	SZ	-45.319	-45.319	0	%100
79	MP4	SZ	-45.319	-45.319	0	%100
80	MP5	SZ	-45.319	-45.319	0	%100
81	MP6	SZ	-45.319	-45.319	0	%100
82	MP8	SZ	-45.319	-45.319	0	%100
83	MP9	SZ	-45.319	-45.319	0	%100
84	MP10	SZ	-45.319	-45.319	0	%100
85	MP12	SZ	-45.319	-45.319	0	%100
86	M115	SZ	0	0	0	%100
87	M116	SZ	0	0	0	%100
88	M117	SZ	-45.319	-45.319	0	%100
89	MP11	SZ	-45.319	-45.319	0	%100
90	M117A	SZ	0	0	0	%100

Member Distributed Loads (BLC 14 : Distr. Wind Load Z) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
91	M118	SZ	0	0	0	%100
92	M119	SZ	-45.319	-45.319	0	%100
93	MP7	SZ	-45.319	-45.319	0	%100
94	M121	SZ	0	0	0	%100
95	M122	SZ	0	0	0	%100
96	M123	SZ	-45.319	-45.319	0	%100
97	M97A	SZ	-75.532	-75.532	0	%100
98	M98A	SZ	-75.532	-75.532	0	%100
99	M99A	SZ	-75.532	-75.532	0	%100
100	M100A	SZ	-75.532	-75.532	0	%100
101	M101A	SZ	-75.532	-75.532	0	%100
102	M102A	SZ	-75.532	-75.532	0	%100
103	M103	SZ	-75.532	-75.532	0	%100
104	M104	SZ	-75.532	-75.532	0	%100
105	M105	SZ	-75.532	-75.532	0	%100
106	M106	SZ	-75.532	-75.532	0	%100
107	M107	SZ	-75.532	-75.532	0	%100
108	M108	SZ	-75.532	-75.532	0	%100

Member Distributed Loads (BLC 15 : Distr. Wind Load X)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	M1	SX	-75.532	-75.532	0	%100
2	M2	SX	-75.532	-75.532	0	%100
3	M3	SX	-75.532	-75.532	0	%100
4	M4	SX	0	0	0	%100
5	M5	SX	0	0	0	%100
6	M6	SX	0	0	0	%100
7	M7	SX	-75.532	-75.532	0	%100
8	M8	SX	-75.532	-75.532	0	%100
9	M9	SX	-75.532	-75.532	0	%100
10	M10	SX	-75.532	-75.532	0	%100
11	M11	SX	-75.532	-75.532	0	%100
12	M12	SX	-75.532	-75.532	0	%100
13	M13	SX	-75.532	-75.532	0	%100
14	M14	SX	-75.532	-75.532	0	%100
15	M15	SX	-75.532	-75.532	0	%100
16	M16	SX	-75.532	-75.532	0	%100
17	M17	SX	-75.532	-75.532	0	%100
18	M18	SX	-75.532	-75.532	0	%100
19	M19	SX	-75.532	-75.532	0	%100
20	M20	SX	-75.532	-75.532	0	%100
21	M21	SX	-75.532	-75.532	0	%100
22	M22	SX	-75.532	-75.532	0	%100
23	M23	SX	-75.532	-75.532	0	%100
24	M24	SX	-75.532	-75.532	0	%100
25	M25	SX	-75.532	-75.532	0	%100
26	M26	SX	-75.532	-75.532	0	%100
27	M27	SX	-75.532	-75.532	0	%100
28	M28	SX	-75.532	-75.532	0	%100
29	M29	SX	-75.532	-75.532	0	%100
30	M30	SX	-75.532	-75.532	0	%100
31	M31	SX	-75.532	-75.532	0	%100
32	M32	SX	-75.532	-75.532	0	%100
33	M33	SX	-75.532	-75.532	0	%100
34	M34	SX	0	0	0	%100
35	M35	SX	0	0	0	%100

Member Distributed Loads (BLC 15 : Distr. Wind Load X) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
36	M36	SX	0	0	0	%100
37	M37	SX	-75.532	-75.532	0	%100
38	M38	SX	-75.532	-75.532	0	%100
39	M39	SX	-75.532	-75.532	0	%100
40	M40	SX	-75.532	-75.532	0	%100
41	M41	SX	-75.532	-75.532	0	%100
42	M42	SX	-75.532	-75.532	0	%100
43	M43	SX	-75.532	-75.532	0	%100
44	M44	SX	-75.532	-75.532	0	%100
45	M45	SX	-75.532	-75.532	0	%100
46	M46	SX	-75.532	-75.532	0	%100
47	M47	SX	-75.532	-75.532	0	%100
48	M48	SX	-75.532	-75.532	0	%100
49	M49	SX	-75.532	-75.532	0	%100
50	M50	SX	-75.532	-75.532	0	%100
51	M51	SX	-75.532	-75.532	0	%100
52	M52	SX	-75.532	-75.532	0	%100
53	M53	SX	-75.532	-75.532	0	%100
54	M54	SX	-75.532	-75.532	0	%100
55	M69	SX	-45.319	-45.319	0	%100
56	M72	SX	-45.319	-45.319	0	%100
57	M75	SX	-45.319	-45.319	0	%100
58	M85	SX	-75.532	-75.532	0	%100
59	M86	SX	-75.532	-75.532	0	%100
60	M87	SX	-75.532	-75.532	0	%100
61	M88	SX	-75.532	-75.532	0	%100
62	M89	SX	-75.532	-75.532	0	%100
63	M90	SX	-75.532	-75.532	0	%100
64	M91	SX	-75.532	-75.532	0	%100
65	M92	SX	-75.532	-75.532	0	%100
66	M93	SX	-75.532	-75.532	0	%100
67	M94	SX	0	0	0	%100
68	M95	SX	0	0	0	%100
69	M96	SX	0	0	0	%100
70	M97	SX	0	0	0	%100
71	M98	SX	0	0	0	%100
72	M99	SX	0	0	0	%100
73	M100	SX	-45.319	-45.319	0	%100
74	M101	SX	-45.319	-45.319	0	%100
75	M102	SX	-45.319	-45.319	0	%100
76	MP1	SX	-45.319	-45.319	0	%100
77	MP2	SX	-45.319	-45.319	0	%100
78	MP3	SX	-45.319	-45.319	0	%100
79	MP4	SX	-45.319	-45.319	0	%100
80	MP5	SX	-45.319	-45.319	0	%100
81	MP6	SX	-45.319	-45.319	0	%100
82	MP8	SX	-45.319	-45.319	0	%100
83	MP9	SX	-45.319	-45.319	0	%100
84	MP10	SX	-45.319	-45.319	0	%100
85	MP12	SX	-45.319	-45.319	0	%100
86	M115	SX	0	0	0	%100
87	M116	SX	0	0	0	%100
88	M117	SX	-45.319	-45.319	0	%100
89	MP11	SX	-45.319	-45.319	0	%100
90	M117A	SX	0	0	0	%100
91	M118	SX	0	0	0	%100
92	M119	SX	-45.319	-45.319	0	%100

Member Distributed Loads (BLC 15 : Distr. Wind Load X) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
93	MP7	SX	-45.319	-45.319	0	%100
94	M121	SX	0	0	0	%100
95	M122	SX	0	0	0	%100
96	M123	SX	-45.319	-45.319	0	%100
97	M97A	SX	-75.532	-75.532	0	%100
98	M98A	SX	-75.532	-75.532	0	%100
99	M99A	SX	-75.532	-75.532	0	%100
100	M100A	SX	-75.532	-75.532	0	%100
101	M101A	SX	-75.532	-75.532	0	%100
102	M102A	SX	-75.532	-75.532	0	%100
103	M103	SX	-75.532	-75.532	0	%100
104	M104	SX	-75.532	-75.532	0	%100
105	M105	SX	-75.532	-75.532	0	%100
106	M106	SX	-75.532	-75.532	0	%100
107	M107	SX	-75.532	-75.532	0	%100
108	M108	SX	-75.532	-75.532	0	%100

Member Distributed Loads (BLC 16 : Ice Weight)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	M1	Y	-9.096	-9.096	0	%100
2	M2	Y	-9.096	-9.096	0	%100
3	M3	Y	-9.096	-9.096	0	%100
4	M4	Y	-2.804	-2.804	0	%100
5	M5	Y	-2.804	-2.804	0	%100
6	M6	Y	-2.804	-2.804	0	%100
7	M7	Y	-5.421	-5.421	0	%100
8	M8	Y	-5.421	-5.421	0	%100
9	M9	Y	-5.421	-5.421	0	%100
10	M10	Y	-5.421	-5.421	0	%100
11	M11	Y	-5.421	-5.421	0	%100
12	M12	Y	-5.421	-5.421	0	%100
13	M13	Y	-5.421	-5.421	0	%100
14	M14	Y	-5.421	-5.421	0	%100
15	M15	Y	-5.421	-5.421	0	%100
16	M16	Y	-5.421	-5.421	0	%100
17	M17	Y	-5.421	-5.421	0	%100
18	M18	Y	-5.421	-5.421	0	%100
19	M19	Y	-5.421	-5.421	0	%100
20	M20	Y	-5.421	-5.421	0	%100
21	M21	Y	-5.421	-5.421	0	%100
22	M22	Y	-5.421	-5.421	0	%100
23	M23	Y	-5.421	-5.421	0	%100
24	M24	Y	-5.421	-5.421	0	%100
25	M25	Y	-5.421	-5.421	0	%100
26	M26	Y	-5.421	-5.421	0	%100
27	M27	Y	-5.421	-5.421	0	%100
28	M28	Y	-5.421	-5.421	0	%100
29	M29	Y	-5.421	-5.421	0	%100
30	M30	Y	-5.421	-5.421	0	%100
31	M31	Y	-5.421	-5.421	0	%100
32	M32	Y	-5.421	-5.421	0	%100
33	M33	Y	-5.421	-5.421	0	%100
34	M34	Y	-2.804	-2.804	0	%100
35	M35	Y	-2.804	-2.804	0	%100
36	M36	Y	-2.804	-2.804	0	%100
37	M37	Y	-5.421	-5.421	0	%100

Member Distributed Loads (BLC 16 : Ice Weight) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
38	M38	Y	-5.421	-5.421	0	%100
39	M39	Y	-5.421	-5.421	0	%100
40	M40	Y	-5.421	-5.421	0	%100
41	M41	Y	-5.421	-5.421	0	%100
42	M42	Y	-5.421	-5.421	0	%100
43	M43	Y	-5.421	-5.421	0	%100
44	M44	Y	-5.421	-5.421	0	%100
45	M45	Y	-5.421	-5.421	0	%100
46	M46	Y	-5.421	-5.421	0	%100
47	M47	Y	-5.421	-5.421	0	%100
48	M48	Y	-5.421	-5.421	0	%100
49	M49	Y	-15.778	-15.778	0	%100
50	M50	Y	-15.778	-15.778	0	%100
51	M51	Y	-15.778	-15.778	0	%100
52	M52	Y	-15.778	-15.778	0	%100
53	M53	Y	-15.778	-15.778	0	%100
54	M54	Y	-15.778	-15.778	0	%100
55	M69	Y	-7.199	-7.199	0	%100
56	M72	Y	-7.199	-7.199	0	%100
57	M75	Y	-7.199	-7.199	0	%100
58	M85	Y	-12.608	-12.608	0	%100
59	M86	Y	-12.608	-12.608	0	%100
60	M87	Y	-15.891	-15.891	0	%100
61	M88	Y	-12.608	-12.608	0	%100
62	M89	Y	-12.608	-12.608	0	%100
63	M90	Y	-12.608	-12.608	0	%100
64	M91	Y	-12.608	-12.608	0	%100
65	M92	Y	-15.891	-15.891	0	%100
66	M93	Y	-15.891	-15.891	0	%100
67	M94	Y	-2.804	-2.804	0	%100
68	M95	Y	-2.804	-2.804	0	%100
69	M96	Y	-2.804	-2.804	0	%100
70	M97	Y	-2.804	-2.804	0	%100
71	M98	Y	-2.804	-2.804	0	%100
72	M99	Y	-2.804	-2.804	0	%100
73	M100	Y	-7.199	-7.199	0	%100
74	M101	Y	-7.199	-7.199	0	%100
75	M102	Y	-7.199	-7.199	0	%100
76	MP1	Y	-7.199	-7.199	0	%100
77	MP2	Y	-7.199	-7.199	0	%100
78	MP3	Y	-7.199	-7.199	0	%100
79	MP4	Y	-7.199	-7.199	0	%100
80	MP5	Y	-7.199	-7.199	0	%100
81	MP6	Y	-7.199	-7.199	0	%100
82	MP8	Y	-7.199	-7.199	0	%100
83	MP9	Y	-7.199	-7.199	0	%100
84	MP10	Y	-7.199	-7.199	0	%100
85	MP12	Y	-7.199	-7.199	0	%100
86	M115	Y	-2.804	-2.804	0	%100
87	M116	Y	-2.804	-2.804	0	%100
88	M117	Y	-7.199	-7.199	0	%100
89	MP11	Y	-7.199	-7.199	0	%100
90	M117A	Y	-2.804	-2.804	0	%100
91	M118	Y	-2.804	-2.804	0	%100
92	M119	Y	-7.199	-7.199	0	%100
93	MP7	Y	-7.199	-7.199	0	%100
94	M121	Y	-2.804	-2.804	0	%100

Member Distributed Loads (BLC 16 : Ice Weight) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
95	M122	Y	-2.804	-2.804	0	%100
96	M123	Y	-7.199	-7.199	0	%100
97	M97A	Y	-5.765	-5.765	0	%100
98	M98A	Y	-5.765	-5.765	0	%100
99	M99A	Y	-5.765	-5.765	0	%100
100	M100A	Y	-5.765	-5.765	0	%100
101	M101A	Y	-5.765	-5.765	0	%100
102	M102A	Y	-5.765	-5.765	0	%100
103	M103	Y	-5.421	-5.421	0	%100
104	M104	Y	-5.421	-5.421	0	%100
105	M105	Y	-5.421	-5.421	0	%100
106	M106	Y	-5.421	-5.421	0	%100
107	M107	Y	-5.421	-5.421	0	%100
108	M108	Y	-5.421	-5.421	0	%100

Member Distributed Loads (BLC 29 : Distr. Ice Wind Load Z)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	M1	SZ	-15.652	-15.652	0	%100
2	M2	SZ	-15.652	-15.652	0	%100
3	M3	SZ	-15.652	-15.652	0	%100
4	M4	SZ	0	0	0	%100
5	M5	SZ	0	0	0	%100
6	M6	SZ	0	0	0	%100
7	M7	SZ	-26.008	-26.008	0	%100
8	M8	SZ	-26.008	-26.008	0	%100
9	M9	SZ	-26.008	-26.008	0	%100
10	M10	SZ	-26.008	-26.008	0	%100
11	M11	SZ	-26.008	-26.008	0	%100
12	M12	SZ	-26.008	-26.008	0	%100
13	M13	SZ	-26.008	-26.008	0	%100
14	M14	SZ	-26.008	-26.008	0	%100
15	M15	SZ	-26.008	-26.008	0	%100
16	M16	SZ	-26.008	-26.008	0	%100
17	M17	SZ	-26.008	-26.008	0	%100
18	M18	SZ	-26.008	-26.008	0	%100
19	M19	SZ	-26.008	-26.008	0	%100
20	M20	SZ	-26.008	-26.008	0	%100
21	M21	SZ	-26.008	-26.008	0	%100
22	M22	SZ	-26.008	-26.008	0	%100
23	M23	SZ	-26.008	-26.008	0	%100
24	M24	SZ	-26.008	-26.008	0	%100
25	M25	SZ	-26.008	-26.008	0	%100
26	M26	SZ	-26.008	-26.008	0	%100
27	M27	SZ	-26.008	-26.008	0	%100
28	M28	SZ	-26.008	-26.008	0	%100
29	M29	SZ	-26.008	-26.008	0	%100
30	M30	SZ	-26.008	-26.008	0	%100
31	M31	SZ	-26.008	-26.008	0	%100
32	M32	SZ	-26.008	-26.008	0	%100
33	M33	SZ	-26.008	-26.008	0	%100
34	M34	SZ	0	0	0	%100
35	M35	SZ	0	0	0	%100
36	M36	SZ	0	0	0	%100
37	M37	SZ	-26.008	-26.008	0	%100
38	M38	SZ	-26.008	-26.008	0	%100
39	M39	SZ	-26.008	-26.008	0	%100

Member Distributed Loads (BLC 29 : Distr. Ice Wind Load Z) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
40	M40	SZ	-26.008	-26.008	0	%100
41	M41	SZ	-26.008	-26.008	0	%100
42	M42	SZ	-26.008	-26.008	0	%100
43	M43	SZ	-26.008	-26.008	0	%100
44	M44	SZ	-26.008	-26.008	0	%100
45	M45	SZ	-26.008	-26.008	0	%100
46	M46	SZ	-26.008	-26.008	0	%100
47	M47	SZ	-26.008	-26.008	0	%100
48	M48	SZ	-26.008	-26.008	0	%100
49	M49	SZ	-11.854	-11.854	0	%100
50	M50	SZ	-11.854	-11.854	0	%100
51	M51	SZ	-11.854	-11.854	0	%100
52	M52	SZ	-11.854	-11.854	0	%100
53	M53	SZ	-11.854	-11.854	0	%100
54	M54	SZ	-11.854	-11.854	0	%100
55	M69	SZ	-18.835	-18.835	0	%100
56	M72	SZ	-18.835	-18.835	0	%100
57	M75	SZ	-18.835	-18.835	0	%100
58	M85	SZ	-13.01	-13.01	0	%100
59	M86	SZ	-13.01	-13.01	0	%100
60	M87	SZ	-11.823	-11.823	0	%100
61	M88	SZ	-13.01	-13.01	0	%100
62	M89	SZ	-13.01	-13.01	0	%100
63	M90	SZ	-13.01	-13.01	0	%100
64	M91	SZ	-13.01	-13.01	0	%100
65	M92	SZ	-11.823	-11.823	0	%100
66	M93	SZ	-11.823	-11.823	0	%100
67	M94	SZ	0	0	0	%100
68	M95	SZ	0	0	0	%100
69	M96	SZ	0	0	0	%100
70	M97	SZ	0	0	0	%100
71	M98	SZ	0	0	0	%100
72	M99	SZ	0	0	0	%100
73	M100	SZ	-18.835	-18.835	0	%100
74	M101	SZ	-18.835	-18.835	0	%100
75	M102	SZ	-18.835	-18.835	0	%100
76	MP1	SZ	-18.835	-18.835	0	%100
77	MP2	SZ	-18.835	-18.835	0	%100
78	MP3	SZ	-18.835	-18.835	0	%100
79	MP4	SZ	-18.835	-18.835	0	%100
80	MP5	SZ	-18.835	-18.835	0	%100
81	MP6	SZ	-18.835	-18.835	0	%100
82	MP8	SZ	-18.835	-18.835	0	%100
83	MP9	SZ	-18.835	-18.835	0	%100
84	MP10	SZ	-18.835	-18.835	0	%100
85	MP12	SZ	-18.835	-18.835	0	%100
86	M115	SZ	0	0	0	%100
87	M116	SZ	0	0	0	%100
88	M117	SZ	-18.835	-18.835	0	%100
89	MP11	SZ	-18.835	-18.835	0	%100
90	M117A	SZ	0	0	0	%100
91	M118	SZ	0	0	0	%100
92	M119	SZ	-18.835	-18.835	0	%100
93	MP7	SZ	-18.835	-18.835	0	%100
94	M121	SZ	0	0	0	%100
95	M122	SZ	0	0	0	%100
96	M123	SZ	-18.835	-18.835	0	%100

Member Distributed Loads (BLC 29 : Distr. Ice Wind Load Z) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
97	M97A	SZ	-23.949	-23.949	0	%100
98	M98A	SZ	-23.949	-23.949	0	%100
99	M99A	SZ	-23.949	-23.949	0	%100
100	M100A	SZ	-23.949	-23.949	0	%100
101	M101A	SZ	-23.949	-23.949	0	%100
102	M102A	SZ	-23.949	-23.949	0	%100
103	M103	SZ	-26.008	-26.008	0	%100
104	M104	SZ	-26.008	-26.008	0	%100
105	M105	SZ	-26.008	-26.008	0	%100
106	M106	SZ	-26.008	-26.008	0	%100
107	M107	SZ	-26.008	-26.008	0	%100
108	M108	SZ	-26.008	-26.008	0	%100

Member Distributed Loads (BLC 30 : Distr. Ice Wind Load X)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	M1	SX	-15.652	-15.652	0	%100
2	M2	SX	-15.652	-15.652	0	%100
3	M3	SX	-15.652	-15.652	0	%100
4	M4	SX	0	0	0	%100
5	M5	SX	0	0	0	%100
6	M6	SX	0	0	0	%100
7	M7	SX	-26.008	-26.008	0	%100
8	M8	SX	-26.008	-26.008	0	%100
9	M9	SX	-26.008	-26.008	0	%100
10	M10	SX	-26.008	-26.008	0	%100
11	M11	SX	-26.008	-26.008	0	%100
12	M12	SX	-26.008	-26.008	0	%100
13	M13	SX	-26.008	-26.008	0	%100
14	M14	SX	-26.008	-26.008	0	%100
15	M15	SX	-26.008	-26.008	0	%100
16	M16	SX	-26.008	-26.008	0	%100
17	M17	SX	-26.008	-26.008	0	%100
18	M18	SX	-26.008	-26.008	0	%100
19	M19	SX	-26.008	-26.008	0	%100
20	M20	SX	-26.008	-26.008	0	%100
21	M21	SX	-26.008	-26.008	0	%100
22	M22	SX	-26.008	-26.008	0	%100
23	M23	SX	-26.008	-26.008	0	%100
24	M24	SX	-26.008	-26.008	0	%100
25	M25	SX	-26.008	-26.008	0	%100
26	M26	SX	-26.008	-26.008	0	%100
27	M27	SX	-26.008	-26.008	0	%100
28	M28	SX	-26.008	-26.008	0	%100
29	M29	SX	-26.008	-26.008	0	%100
30	M30	SX	-26.008	-26.008	0	%100
31	M31	SX	-26.008	-26.008	0	%100
32	M32	SX	-26.008	-26.008	0	%100
33	M33	SX	-26.008	-26.008	0	%100
34	M34	SX	0	0	0	%100
35	M35	SX	0	0	0	%100
36	M36	SX	0	0	0	%100
37	M37	SX	-26.008	-26.008	0	%100
38	M38	SX	-26.008	-26.008	0	%100
39	M39	SX	-26.008	-26.008	0	%100
40	M40	SX	-26.008	-26.008	0	%100
41	M41	SX	-26.008	-26.008	0	%100

Member Distributed Loads (BLC 30 : Distr. Ice Wind Load X) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
42	M42	SX	-26.008	-26.008	0	%100
43	M43	SX	-26.008	-26.008	0	%100
44	M44	SX	-26.008	-26.008	0	%100
45	M45	SX	-26.008	-26.008	0	%100
46	M46	SX	-26.008	-26.008	0	%100
47	M47	SX	-26.008	-26.008	0	%100
48	M48	SX	-26.008	-26.008	0	%100
49	M49	SX	-11.854	-11.854	0	%100
50	M50	SX	-11.854	-11.854	0	%100
51	M51	SX	-11.854	-11.854	0	%100
52	M52	SX	-11.854	-11.854	0	%100
53	M53	SX	-11.854	-11.854	0	%100
54	M54	SX	-11.854	-11.854	0	%100
55	M69	SX	-18.835	-18.835	0	%100
56	M72	SX	-18.835	-18.835	0	%100
57	M75	SX	-18.835	-18.835	0	%100
58	M85	SX	-13.01	-13.01	0	%100
59	M86	SX	-13.01	-13.01	0	%100
60	M87	SX	-11.823	-11.823	0	%100
61	M88	SX	-13.01	-13.01	0	%100
62	M89	SX	-13.01	-13.01	0	%100
63	M90	SX	-13.01	-13.01	0	%100
64	M91	SX	-13.01	-13.01	0	%100
65	M92	SX	-11.823	-11.823	0	%100
66	M93	SX	-11.823	-11.823	0	%100
67	M94	SX	0	0	0	%100
68	M95	SX	0	0	0	%100
69	M96	SX	0	0	0	%100
70	M97	SX	0	0	0	%100
71	M98	SX	0	0	0	%100
72	M99	SX	0	0	0	%100
73	M100	SX	-18.835	-18.835	0	%100
74	M101	SX	-18.835	-18.835	0	%100
75	M102	SX	-18.835	-18.835	0	%100
76	MP1	SX	-18.835	-18.835	0	%100
77	MP2	SX	-18.835	-18.835	0	%100
78	MP3	SX	-18.835	-18.835	0	%100
79	MP4	SX	-18.835	-18.835	0	%100
80	MP5	SX	-18.835	-18.835	0	%100
81	MP6	SX	-18.835	-18.835	0	%100
82	MP8	SX	-18.835	-18.835	0	%100
83	MP9	SX	-18.835	-18.835	0	%100
84	MP10	SX	-18.835	-18.835	0	%100
85	MP12	SX	-18.835	-18.835	0	%100
86	M115	SX	0	0	0	%100
87	M116	SX	0	0	0	%100
88	M117	SX	-18.835	-18.835	0	%100
89	MP11	SX	-18.835	-18.835	0	%100
90	M117A	SX	0	0	0	%100
91	M118	SX	0	0	0	%100
92	M119	SX	-18.835	-18.835	0	%100
93	MP7	SX	-18.835	-18.835	0	%100
94	M121	SX	0	0	0	%100
95	M122	SX	0	0	0	%100
96	M123	SX	-18.835	-18.835	0	%100
97	M97A	SX	-23.949	-23.949	0	%100
98	M98A	SX	-23.949	-23.949	0	%100

Member Distributed Loads (BLC 30 : Distr. Ice Wind Load X) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
99	M99A	SX	-23.949	-23.949	0	%100
100	M100A	SX	-23.949	-23.949	0	%100
101	M101A	SX	-23.949	-23.949	0	%100
102	M102A	SX	-23.949	-23.949	0	%100
103	M103	SX	-26.008	-26.008	0	%100
104	M104	SX	-26.008	-26.008	0	%100
105	M105	SX	-26.008	-26.008	0	%100
106	M106	SX	-26.008	-26.008	0	%100
107	M107	SX	-26.008	-26.008	0	%100
108	M108	SX	-26.008	-26.008	0	%100

Member Distributed Loads (BLC 46 : BLC 1 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	M8	Y	-3.686	-4.191	0	25.2
2	M8	Y	-4.191	-5.417	25.2	50.4
3	M8	Y	-5.417	-5.01	50.4	75.6
4	M8	Y	-5.01	-4.602	75.6	100.801
5	M8	Y	-4.602	-6.546	100.801	126.001
6	M29	Y	-8.643	-6.54	24.249	36.374
7	M29	Y	-6.54	-4.436	36.374	48.498
8	M30	Y	-10.965	-3.429	0	6.391
9	M30	Y	-3.429	-11.025	6.391	12.783
10	M30	Y	-11.025	-17.303	12.783	19.174
11	M30	Y	-17.303	-11.838	19.174	25.566
12	M30	Y	-11.838	-11.079	25.566	31.957
13	M32	Y	-5.016	-8.962	0	8.003
14	M32	Y	-8.962	-12.402	8.003	16.006
15	M32	Y	-12.402	-12.356	16.006	24.01
16	M32	Y	-12.356	-9.33	24.01	32.013
17	M33	Y	-14.489	-6.579	24.25	36.375
18	M33	Y	-6.579	.266	36.375	48.5
19	M7	Y	-6.798	-4.037	0	25.2
20	M7	Y	-4.037	-5.076	25.2	50.4
21	M7	Y	-5.076	-5.54	50.4	75.6
22	M7	Y	-5.54	-4.5	75.6	100.8
23	M7	Y	-4.5	-6.335	100.8	126
24	M25	Y	.249	-6.528	0	12.125
25	M25	Y	-6.528	-14.298	12.125	24.249
26	M26	Y	-5.103	-9.425	0	8.004
27	M26	Y	-9.425	-15.296	8.004	16.008
28	M26	Y	-15.296	-13.831	16.008	24.012
29	M26	Y	-13.831	-3.481	24.012	32.016
30	M28	Y	-4.161	-10.394	0	8.004
31	M28	Y	-10.394	-15.303	8.004	16.008
32	M28	Y	-15.303	-12.783	16.008	24.012
33	M28	Y	-12.783	-4.158	24.012	32.016
34	M29	Y	.249	-6.528	0	12.125
35	M29	Y	-6.528	-14.298	12.125	24.249
36	M9	Y	-6.613	-4.532	0	25.2
37	M9	Y	-4.532	-4.941	25.2	50.4
38	M9	Y	-4.941	-5.468	50.4	75.6
39	M9	Y	-5.468	-4.242	75.6	100.801
40	M9	Y	-4.242	-3.634	100.801	126.001
41	M25	Y	-8.669	-6.552	24.249	36.374
42	M25	Y	-6.552	-4.435	36.374	48.498
43	M27	Y	-11.123	-3.48	0	6.391

Member Distributed Loads (BLC 46 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
44	M27	Y	-3.48	-11.143	6.391	12.783
45	M27	Y	-11.143	-17.451	12.783	19.174
46	M27	Y	-17.451	-11.867	19.174	25.566
47	M27	Y	-11.867	-11.05	25.566	31.957
48	M31	Y	-5.085	-8.864	0	8.003
49	M31	Y	-8.864	-12.274	8.003	16.006
50	M31	Y	-12.274	-12.294	16.006	24.01
51	M31	Y	-12.294	-9.292	24.01	32.013
52	M33	Y	.266	-6.579	0	12.125
53	M33	Y	-6.579	-14.489	12.125	24.25
54	M5	Y	-3.191	-3.191	0	6.5
55	M8	Y	.0009398	-1.956	88.2	107.101
56	M8	Y	-1.956	-3.918	107.101	126.001
57	M9	Y	-3.918	-1.956	0	18.9
58	M9	Y	-1.956	.0009398	18.9	37.8
59	M31	Y	-7.508	-7.508	22.215	32.013
60	M32	Y	-7.508	-7.508	22.215	32.013
61	M33	Y	2.198e-15	-10.546	14.55	19.4
62	M33	Y	-10.546	-21.093	19.4	24.25
63	M33	Y	-21.093	-10.546	24.25	29.1
64	M33	Y	-10.546	2.198e-15	29.1	33.95
65	M4	Y	-3.094	-3.094	0	6.501
66	M7	Y	-3.979	-2.024	0	18.9
67	M7	Y	-2.024	-.069	18.9	37.8
68	M9	Y	-.069	-2.024	88.2	107.101
69	M9	Y	-2.024	-3.979	107.101	126.001
70	M25	Y	-13.896	-13.998	14.549	22.632
71	M25	Y	-13.998	-7.029	22.632	30.715
72	M25	Y	-7.029	-.009	30.715	38.798
73	M26	Y	-8.659	-8.659	22.4	32.016
74	M27	Y	-7.895	-7.895	21.269	31.957
75	M6	Y	-3.094	-3.094	0	6.501
76	M7	Y	-.069	-2.024	88.2	107.1
77	M7	Y	-2.024	-3.979	107.1	126
78	M8	Y	-3.979	-2.024	0	18.9
79	M8	Y	-2.024	-.069	18.9	37.8
80	M28	Y	-8.659	-8.659	22.4	32.016
81	M29	Y	-13.896	-13.998	14.549	22.632
82	M29	Y	-13.998	-7.029	22.632	30.715
83	M29	Y	-7.029	-.009	30.715	38.798
84	M30	Y	-7.895	-7.895	21.269	31.957

Member Distributed Loads (BLC 47 : BLC 16 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	M8	Y	-5.165	-5.949	0	25.2
2	M8	Y	-5.949	-7.634	25.2	50.4
3	M8	Y	-7.634	-7.025	50.4	75.6
4	M8	Y	-7.025	-6.493	75.6	100.801
5	M8	Y	-6.493	-9.233	100.801	126.001
6	M29	Y	-12.187	-9.221	24.249	36.374
7	M29	Y	-9.221	-6.255	36.374	48.498
8	M30	Y	-15.462	-4.836	0	6.391
9	M30	Y	-4.836	-15.591	6.391	12.783
10	M30	Y	-15.591	-24.461	12.783	19.174
11	M30	Y	-24.461	-16.717	19.174	25.566
12	M30	Y	-16.717	-15.626	25.566	31.957

Member Distributed Loads (BLC 47 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
13	M32	Y	-7.09	-12.613	0	8.003
14	M32	Y	-12.613	-17.455	8.003	16.006
15	M32	Y	-17.455	-17.405	16.006	24.01
16	M32	Y	-17.405	-13.145	24.01	32.013
17	M33	Y	-20.43	-9.276	24.25	36.375
18	M33	Y	-9.276	.376	36.375	48.5
19	M9	Y	-9.23	-6.489	0	25.2
20	M9	Y	-6.489	-7.064	25.2	50.4
21	M9	Y	-7.064	-7.637	50.4	75.6
22	M9	Y	-7.637	-5.91	75.6	100.801
23	M9	Y	-5.91	-5.197	100.801	126.001
24	M25	Y	-12.187	-9.221	24.249	36.374
25	M25	Y	-9.221	-6.255	36.374	48.498
26	M27	Y	-15.461	-4.835	0	6.391
27	M27	Y	-4.835	-15.545	6.391	12.783
28	M27	Y	-15.545	-24.398	12.783	19.174
29	M27	Y	-24.398	-16.692	19.174	25.566
30	M27	Y	-16.692	-15.622	25.566	31.957
31	M31	Y	-7.072	-12.636	0	8.003
32	M31	Y	-12.636	-17.487	8.003	16.006
33	M31	Y	-17.487	-17.423	16.006	24.01
34	M31	Y	-17.423	-13.155	24.01	32.013
35	M33	Y	.376	-9.276	0	12.125
36	M33	Y	-9.276	-20.43	12.125	24.25
37	M7	Y	-8.933	-6.345	0	25.2
38	M7	Y	-6.345	-7.811	25.2	50.4
39	M7	Y	-7.811	-7.158	50.4	75.6
40	M7	Y	-7.158	-5.692	75.6	100.8
41	M7	Y	-5.692	-9.586	100.8	126
42	M25	Y	.351	-9.204	0	12.125
43	M25	Y	-9.204	-20.16	12.125	24.249
44	M26	Y	-5.863	-14.655	0	8.004
45	M26	Y	-14.655	-21.579	8.004	16.008
46	M26	Y	-21.579	-18.025	16.008	24.012
47	M26	Y	-18.025	-5.862	24.012	32.016
48	M28	Y	-7.195	-13.29	0	8.004
49	M28	Y	-13.29	-21.567	8.004	16.008
50	M28	Y	-21.567	-19.501	16.008	24.012
51	M28	Y	-19.501	-4.908	24.012	32.016
52	M29	Y	.351	-9.204	0	12.125
53	M29	Y	-9.204	-20.16	12.125	24.249
54	M6	Y	-4.363	-4.363	0	6.501
55	M7	Y	-.098	-2.854	88.2	107.1
56	M7	Y	-2.854	-5.61	107.1	126
57	M8	Y	-5.61	-2.854	0	18.9
58	M8	Y	-2.854	-.098	18.9	37.8
59	M28	Y	-12.207	-12.207	22.398	32.016
60	M29	Y	-19.593	-19.733	14.549	22.632
61	M29	Y	-19.733	-9.908	22.632	30.715
62	M29	Y	-9.908	-.012	30.715	38.798
63	M30	Y	-11.129	-11.129	21.262	31.957
64	M4	Y	-4.363	-4.363	0	6.501
65	M7	Y	-5.61	-2.854	0	18.9
66	M7	Y	-2.854	-.098	18.9	37.8
67	M9	Y	-.098	-2.854	88.2	107.101
68	M9	Y	-2.854	-5.61	107.101	126.001
69	M25	Y	-19.593	-19.733	14.549	22.632

Member Distributed Loads (BLC 47 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
70	M25	Y	-19.733	-9.908	22.632	30.715
71	M25	Y	-9.908	-.012	30.715	38.798
72	M26	Y	-12.207	-12.207	22.398	32.016
73	M27	Y	-11.129	-11.129	21.262	31.957
74	M5	Y	-4.5	-4.5	0	6.5
75	M8	Y	.001	-2.759	88.2	107.101
76	M8	Y	-2.759	-5.524	107.101	126.001
77	M9	Y	-5.524	-2.759	0	18.9
78	M9	Y	-2.759	.001	18.9	37.8
79	M31	Y	-10.586	-10.586	22.215	32.013
80	M32	Y	-10.586	-10.586	22.215	32.013
81	M33	Y	-2.198e-15	-14.87	14.55	19.4
82	M33	Y	-14.87	-29.741	19.4	24.25
83	M33	Y	-29.741	-14.87	24.25	29.1
84	M33	Y	-14.87	-2.198e-15	29.1	33.95

Member Area Loads (BLC 1 : Self Weight)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
1	P4	N42	N41A	P3	Y	Two Way	-10
2	P2	N40	N45	P1	Y	Two Way	-10
3	P6	N44	N43	P5	Y	Two Way	-10
4	P4	P5	N43	N42	Y	Two Way	-10
5	N44	N45	P1	P6	Y	Two Way	-10
6	N41A	N40	P2	P3	Y	Two Way	-10

Member Area Loads (BLC 16 : Ice Weight)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
1	N42	N41A	P3	P4	Y	Two Way	-14.1
2	P5	N43	N44	P6	Y	Two Way	-14.1
3	P1	N45	N40	P2	Y	Two Way	-14.1
4	P3	P2	N40	N41A	Y	Two Way	-14.1
5	N45	N44	P6	P1	Y	Two Way	-14.1
6	P5	P4	N42	N43	Y	Two Way	-14.1

Envelope AISC 15th(360-16): LRFD Steel Code Checks

	Member	Shape	Code Ch...	Loc[in]	LC	Shear C...	Loc.....		LC	phi*Pn...	phi*Pn...	phi*M...	phi*M...	...	Eqn
1	M10	HSS 1"x 1" x 1/8"	.576	114.188	11	.290	84	z	4	13373...	14175	390.234	390.234	...	H1-1b
2	M12	HSS 1"x 1" x 1/8"	.574	11.813	3	.292	42	z	8	13373...	14175	390.234	390.234	...	H1-1b
3	M11	HSS 1"x 1" x 1/8"	.572	114.188	7	.291	84	z	12	13372...	14175	390.234	390.234	...	H1-1b
4	M22	HSS 1"x 1" x 1/8"	.468	37.188	2	.100	42	z	9	6946....	14175	390.234	390.234	...	H1-1a
5	M19	HSS 1"x 1" x 1/8"	.452	37.188	2	.120	42	z	7	6946....	14175	390.234	390.234	...	H1-1a
6	M18	HSS 1"x 1" x 1/8"	.447	37.188	6	.114	42	z	13	6946....	14175	390.234	390.234	4	H1-1a
7	M33	HSS 1"x 1" x 1/8"	.443	48.5	2	.028	48.5	y	36	5471....	14175	390.234	390.234	...	H1-1a
8	M25	HSS 1"x 1" x 1/8"	.429	0	7	.028	48....	y	28	5471....	14175	390.234	390.234	...	H1-1a
9	M29	HSS 1"x 1" x 1/8"	.428	0	9	.027	0	y	32	5471....	14175	390.234	390.234	...	H1-1a
10	M23	HSS 1"x 1" x 1/8"	.417	37.188	10	.117	42	z	3	6946....	14175	390.234	390.234	...	H1-1a
11	M15	HSS 1"x 1" x 1/8"	.408	37.188	10	.112	42	y	5	6946....	14175	390.234	390.234	...	H1-1a
12	M14	HSS 1"x 1" x 1/8"	.405	37.188	6	.122	42	y	11	6946....	14175	390.234	390.234	...	H1-1a
13	M13	HSS 1"x 1" x 1/8"	.366	59.397	15	.041	59....	z	7	3647....	14175	390.234	390.234	...	H1-1a
14	M21	HSS 1"x 1" x 1/8"	.364	59.395	17	.038	59....	z	13	3648....	14175	390.234	390.234	...	H1-1a
15	M24	HSS 1"x 1" x 1/8"	.363	59.395	19	.040	59....	z	11	3648....	14175	390.234	390.234	...	H1-1a
16	M17	HSS 1"x 1" x 1/8"	.361	59.395	21	.042	59....	z	17	3648....	14175	390.234	390.234	...	H1-1a
17	M16	HSS 1"x 1" x 1/8"	.361	0	25	.042	0	z	9	3647....	14175	390.234	390.234	...	H1-1a

Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)

	Member	Shape	Code Ch...	Loc[in]	LC	Shear C...	Loc.....		LC	phi*Pn...	phi*Pn...	phi*M...	phi*M...	...	Eqn
18	M20	HSS 1"x 1" x 1/8"	.357	0	23	.040	0	z	3	3648....	14175	390.234	390.234	...	H1-1a
19	MP10	PIPE_2.0	.325	54	12	.042	54		5	14916...	32130	1871....	1871....	...	H1-1b
20	MP6	PIPE_2.0	.325	54	4	.042	54		9	14916...	32130	1871....	1871....	...	H1-1b
21	MP2	PIPE_2.0	.325	54	8	.042	54		13	14916...	32130	1871....	1871....	...	H1-1b
22	MP4	PIPE_2.0	.325	42	8	.064	42		8	17855...	32130	1871....	1871....	...	H1-1b
23	MP8	PIPE_2.0	.325	42	4	.064	42		4	17855...	32130	1871....	1871....	...	H1-1b
24	MP12	PIPE_2.0	.325	42	12	.064	42		12	17855...	32130	1871....	1871....	...	H1-1b
25	M26	HSS 1"x 1" x 1/8"	.323	32.016	13	.045	32....	y	29	9365....	14175	390.234	390.234	...	H1-1b
26	M45	HSS 1"x 1" x 1/8"	.304	52.809	19	.026	52....	z	5	4614....	14175	390.234	390.234	...	H1-1a
27	M37	HSS 1"x 1" x 1/8"	.303	32.016	7	.029	32....	z	13	9365....	14175	390.234	390.234	...	H1-1b
28	M28	HSS 1"x 1" x 1/8"	.301	32.016	3	.045	32....	y	37	9365....	14175	390.234	390.234	...	H1-1b
29	M105	HSS 1"x 1" x 1/8"	.294	11.251	3	.022	10....	y	7	5811....	14175	390.234	390.234	...	H1-1a
30	M107	HSS 1"x 1" x 1/8"	.294	11.25	7	.022	11....	z	11	5812....	14175	390.234	390.234	...	H1-1a
31	M30	HSS 1"x 1" x 1/8"	.288	31.957	7	.047	31....	y	32	9379....	14175	390.234	390.234	...	H1-1b
32	M32	HSS 1"x 1" x 1/8"	.287	32.013	7	.045	32....	y	29	9366....	14175	390.234	390.234	...	H1-1b
33	M31	HSS 1"x 1" x 1/8"	.287	32.013	9	.045	32....	y	37	9366....	14175	390.234	390.234	...	H1-1b
34	M47	HSS 1"x 1" x 1/8"	.282	52.811	16	.030	52....	z	13	4614....	14175	390.234	390.234	...	H1-1a
35	M108	HSS 1"x 1" x 1/8"	.282	0	25	.024	36....	y	5	5811....	14175	390.234	390.234	...	H1-1a
36	M103	HSS 1"x 1" x 1/8"	.280	11.25	11	.023	10....	y	3	5812....	14175	390.234	390.234	...	H1-1a
37	M106	HSS 1"x 1" x 1/8"	.280	0	21	.025	36....	y	13	5812....	14175	390.234	390.234	...	H1-1a
38	M38	HSS 1"x 1" x 1/8"	.278	32.016	9	.026	32....	z	3	9365....	14175	390.234	390.234	...	H1-1b
39	M41	HSS 1"x 1" x 1/8"	.276	32.013	3	.026	0	z	9	9366....	14175	390.234	390.234	...	H1-1b
40	M40	HSS 1"x 1" x 1/8"	.273	32.013	13	.025	0	z	7	9366....	14175	390.234	390.234	...	H1-1b
41	M27	HSS 1"x 1" x 1/8"	.272	31.957	11	.047	31....	y	33	9379....	14175	390.234	390.234	...	H1-1b
42	M104	HSS 1"x 1" x 1/8"	.266	0	17	.025	36....	y	9	5812....	14175	390.234	390.234	...	H1-1a
43	M39	HSS 1"x 1" x 1/8"	.265	31.957	11	.025	0	z	5	9379....	14175	390.234	390.234	...	H1-1b
44	M43	HSS 1"x 1" x 1/8"	.264	52.776	24	.028	52....	z	9	4620....	14175	390.234	390.234	...	H1-1a
45	M44	HSS 1"x 1" x 1/8"	.253	52.809	20	.027	52....	z	11	4614....	14175	390.234	390.234	...	H1-1a
46	M48	HSS 1"x 1" x 1/8"	.252	52.811	24	.030	52....	z	3	4614....	14175	390.234	390.234	...	H1-1a
47	M42	HSS 1"x 1" x 1/8"	.252	31.957	5	.024	0	z	11	9379....	14175	390.234	390.234	...	H1-1b
48	MP1	PIPE_2.0	.251	42	8	.054	42		8	17855...	32130	1871....	1871....	...	H1-1b
49	MP5	PIPE_2.0	.251	42	4	.054	42		4	17855...	32130	1871....	1871....	...	H1-1b
50	MP9	PIPE_2.0	.250	42	12	.053	42		12	17855...	32130	1871....	1871....	...	H1-1b
51	M46	HSS 1"x 1" x 1/8"	.234	52.776	16	.030	52....	z	7	4620....	14175	390.234	390.234	...	H1-1a
52	MP3	PIPE_2.0	.232	54	8	.045	54		4	12143...	32130	1871....	1871....	...	H1-1b
53	MP7	PIPE_2.0	.232	54	4	.045	54		12	12143...	32130	1871....	1871....	...	H1-1b
54	MP11	PIPE_2.0	.232	54	12	.045	54		8	12143...	32130	1871....	1871....	...	H1-1b
55	M8	HSS 1"x 1" x 1/8"	.213	126.001	168	.049	126...	y	168	13373...	14175	390.234	390.234	...	H1-1b
56	M7	HSS 1"x 1" x 1/8"	.183	42	7	.036	42	y	38	9851....	14175	390.234	390.234	...	H1-1b
57	M9	HSS 1"x 1" x 1/8"	.166	84	5	.035	0	y	12	11858...	14175	390.234	390.234	...	H1-1b
58	M89	C5X6.7	.160	0	11	.081	6	z	11	61831...	63828	1603....	9585	...	H1-1b
59	M88	C5X6.7	.149	0	13	.079	5.9...	z	13	61835...	63828	1603....	9585	...	H1-1b
60	M85	C5X6.7	.149	0	9	.079	5.9...	z	9	61832...	63828	1603....	9585	...	H1-1b
61	M2	C3X6	.145	0	11	.051	19....	y	5	33071...	57024	1131....	4698	...	H1-1b
62	M49	PL7x0.375	.140	6.501	9	.093	3.3...	y	113	70344...	85050	664.454	12403...	...	H1-1b
63	M51	PL7x0.375	.139	6.501	13	.093	3.25	y	189	70344...	85050	664.454	12403...	...	H1-1b
64	M117	PIPE_2.0	.135	54	9	.062	54		4	20866...	32130	1871....	1871....	...	H1-1b
65	M123	PIPE_2.0	.134	54	5	.062	54		12	20866...	32130	1871....	1871....	...	H1-1b
66	M119	PIPE_2.0	.134	54	13	.063	54		8	20866...	32130	1871....	1871....	...	H1-1b
67	M50	PL7x0.375	.133	0	5	.111	3.25	y	163	70347...	85050	664.454	12403...	...	H1-1b
68	M102	PIPE_2.0	.127	54	11	.084	54		13	20866...	32130	1871....	1871....	...	H1-1b
69	M100	PIPE_2.0	.127	54	7	.084	54		9	20866...	32130	1871....	1871....	...	H1-1b
70	M101	PIPE_2.0	.125	54	3	.085	54		5	20866...	32130	1871....	1871....	...	H1-1b
71	M3	C3X6	.099	5.25	8	.053	18....	y	13	33071...	57024	1131....	4698	...	H1-1b
72	M1	C3X6	.097	5.25	4	.053	18....	y	9	33071...	57024	1131....	4698	...	H1-1b
73	M91	C5X6.7	.060	0	6	.024	6	z	5	61831...	63828	1603....	9585	...	H1-1b
74	M86	C5X6.7	.059	0	10	.026	5.9...	z	9	61832...	63828	1603....	9585	...	H1-1b

Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)

	Member	Shape	Code Ch...	Loc[in]	LC	Shear C...	Loc.....		LC	phi*Pn...	phi*Pn...	phi*M...	phi*M...	...	Eqn
75	M53	PL7x0.375	.059	6.5	12	.109	3.25	y	169	70347...	85050	664.454	12403...	....	H1-1b
76	M90	C5X6.7	.058	0	2	.026	5.9...	z	13	61835...	63828	1603....	9585	...	H1-1b
77	M54	PL7x0.375	.031	6.501	187	.049	0	y	7	70344...	85050	664.454	12403...	....	H1-1b
78	M52	PL7x0.375	.030	0	123	.049	6.5...	y	3	70344...	85050	664.454	12403...	....	H1-1b
79	M87	L5X5X5	.013	6.188	8	.026	6.1...	y	9	74833...	99468	6382....	13598...	....	H2-1
80	M92	L5X5X5	.012	6.188	8	.026	6.1...	y	13	74833...	99468	6382....	13253...	....	H2-1
81	M93	L5X5X5	.011	6.188	4	.026	6.1...	y	5	74833...	99468	6382....	13598...	....	H2-1

Date:	9/5/2019
Client	Smartlink
Carrier	AT&T
Engineer:	TM
Site:	CTL01057
Job #:	1106-A0001-B
	185.0' RAD

Code:	LRFD
Bolt Diameter	0.625
Bolt Grade:	A307
Threads Excluded?:	N
Axial (lbs):	1227.03
Shear (lbs):	1432.50

Bolt Info:

Yield Strength (F_{yb})	36.0 kips
Ultimate Strength (F_{ub})	60.0 kips
Threads/in (n)	11
Gross Area (A_{gb})	0.307 in²
Net Area (A_{nb})	0.226 in²

Bolt Capacity (5/8" A307 Bolt), Total of (2) per Connection				
	Ult Load / Bolt	Factored Load (ϕ=0.75)	# of Bolts	Factor Joint Capacity
Axial (lb)	13560.1	10170.1	2	20340
Shear(lb)	8283.5	6212.6	2	12425

Interaction Check	
$T/\phi T_n$	6.0%
$V/\phi Vn$	11.5%
≤1.0	1.7%
	OK