Exhibit E

Mount Analysis

Date: **December 3, 2021**

Darcy Tarr
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Charlotte, NC 28277
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INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
Infinigy Engineering, PLLC
1033 Watervliet Shaker Road
Albany, NY 12205
518-690-0790
structural@infinigy.com

Subject:	**Mount Analysis Report**	
Carrier Designation:	**AT&T Mobility Priority**	
	Carrier Site Number:	CTL05833
	Carrier Site Name:	BRISTOL CENTER
	Carrier FA Number:	10070954
Crown Castle Designation:	**Crown Castle BU Number:**	842859
	Crown Castle Site Name:	BRISTOL CENTER
	Crown Castle JDE Job Number:	686236
	Crown Castle Order Number:	586265 Rev. 0
Engineering Firm Designation:	**Infinigy Engineering, PLLC Report Designation:** 1039-Z0001-B	
Site Data:	**371 Terryville Avenue, Bristol, Hartford County, CT, 06010** **Latitude 41°40'47.71", Longitude -72°57'45.18"**	
Structure Information:	**Tower Height & Type:**	**168.5 ft Monopole**
	Mount Elevation:	**168.0 ft**
	Mount Type:	**12.5 ft Platform**

Dear Darcy Tarr,

Infinigy Engineering, PLLC is pleased to submit this **"Mount Analysis Report"** to determine the structural integrity of AT&T Mobility's antenna mounting system with the proposed appurtenance and equipment addition on the abovementioned supporting tower structure. Analysis of the existing supporting tower structure is to be completed by others and therefore is not part of this analysis. Analysis of the antenna mounting system as a tie-off point for fall protection or rigging is not part of this document.

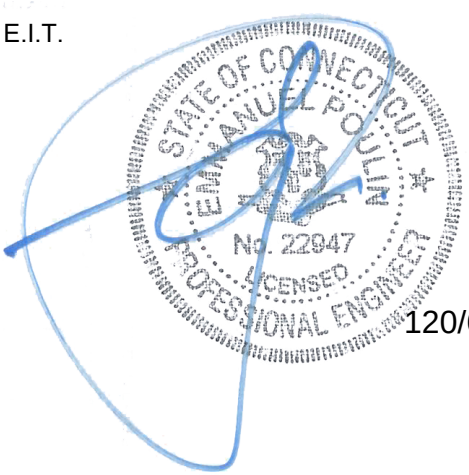
The purpose of the analysis is to determine acceptability of the mount stress level. Based on our analysis we have determined the mount stress level to be:

Platform **Sufficient - 54.7%**

This analysis has been performed in accordance with the 2018 International Building Code based upon an ultimate 3-second gust wind speed of 116 mph. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Mount analysis prepared by: Andrew Gloriani, E.I.T.

Respectfully Submitted by:
Emmanuel Poulin, P.E.
518-690-0790
structural@infinigy.com
CT PE License No. 22947



12/6/21

TABLE OF CONTENTS

1) INTRODUCTION

This is an existing 3 sector 12.5 ft Platform, designed by Site Pro 1.

2) ANALYSIS CRITERIA

Building Code:	2018 IBC
TIA-222 Revision:	TIA-222-H
Risk Category:	II
Ultimate Wind Speed:	116 mph
Exposure Category:	C
Topographic Factor at Base:	1.0
Topographic Factor at Mount:	1.0
Ice Thickness:	1.0 in
Wind Speed with Ice:	50 mph
Seismic S_s:	0.186
Seismic S_1:	0.054
Live Loading Wind Speed:	30 mph
Man Live Load at Mid/End-Points:	250 lb
Man Live Load at Mount Pipes:	500 lb

Table 1 - Proposed Equipment Configuration

Mount Centerline (ft)	Antenna Centerline (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Mount / Modification Details
168.0	172.0	3	Ericsson	AIR 6419 B77G	12.5 ft Platform
	170.0	1	Matsing	MS-MBA-3.2-H4-L4	
		1	Quintel Technology	QD6616-7	
		2	Quintel Technology	QD8616-7	
		2	Ericsson	RRUS 4426 B66	
		3	Ericsson	RRUS 8843 B2/B66A	
		5	Kaelus	DBC0051F3V51-2	
		1	Raycap	DC9-48-60-24-8C-EV	
	169.0	3	Ericsson	RRUS 32 B2	
		3	Ericsson	RRUS 32 B30	
		3	Ericsson	RRUS 4415 B25	
		3	Ericsson	RRUS 4449 B5/B12	
		3	Ericsson	RRUS E2 B29	
		4	Raycap	DC6-48-60-18-8F	
	168.0	1	CCI Antennas	DMP65R-BU6D	
		1	CCI Antennas	DMP65R-BU8D	
		3	Ericsson	AIR 6449 B77D	

3) ANALYSIS PROCEDURE

Table 2 - Documents Provided

Document	Remarks	Reference	Source
Crown Application	AT&T Mobility Application	586265 Rev. 0	CCI Sites
Loading Document	AT&T Mobility	RFDS ID: 4475633	TSA
Mount Manufacturer Drawings	Site Pro 1	Part No. RMQP-4096-HK	Infinigy

3.1) Analysis Method

RISA-3D (Version 19.0.4), a commercially available analysis software package, was used to create a three-dimensional model of the antenna mounting system and calculate member stresses for various loading cases.

Infinigy Mount Analysis Tool V2.1.7, a tool internally developed by Infinigy, was used to calculate wind loading on all appurtenances, dishes and mount members for various loading cases. Selected output from the analysis is included in Appendix B “Software Input Calculations”.

This analysis was performed in accordance with Crown Castle’s ENG-SOW-10208 *Tower Mount Analysis* (Revision B).

3.2) Assumptions

1) The antenna mounting system was properly fabricated, installed and maintained in good condition in accordance with its original design and manufacturer's specifications.
2) The configuration of antennas, mounts, and other appurtenances are as specified in Table 1 and the referenced drawings.
3) All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
4) The analysis will be required to be revised if the existing conditions in the field differ from those shown in the above-referenced documents or assumed in this analysis. No allowance was made for any damaged, missing, or rusted members.
5) Prior structural modifications to the tower mounting system are assumed to be installed as shown per available data.
6) Steel grades have been assumed as follows, unless noted otherwise:

Channel, Solid Round, Angle, Plate	Q345 (GR 36)
HSS (Rectangular)	Q235-GB (GR 35)
Pipe	Q235-GB (GR 35)
Connection Bolts	ASTM A325

This analysis may be affected if any assumptions are not valid or have been made in error. Infinigy Engineering, PLLC should be notified to determine the effect on the structural integrity of the antenna mounting system.

4) ANALYSIS RESULTS

Table 3 - Mount Component Stresses vs. Capacity (Platform, All Sectors)

Notes	Component	Critical Member	Centerline (ft)	% Capacity	Pass / Fail
1, 2	Mount Pipe(s)	MP4	168.0	54.7	Pass
	Horizontal(s)	MH2		24.3	Pass
	Standoff(s)	MS3		29.3	Pass
	Handrail(s)	MR3		32.1	Pass
	Kicker(s)	MK1		17.1	Pass
	Mount Connection(s)	-		14.7	Pass

Structure Rating (max from all components) =	54.7%

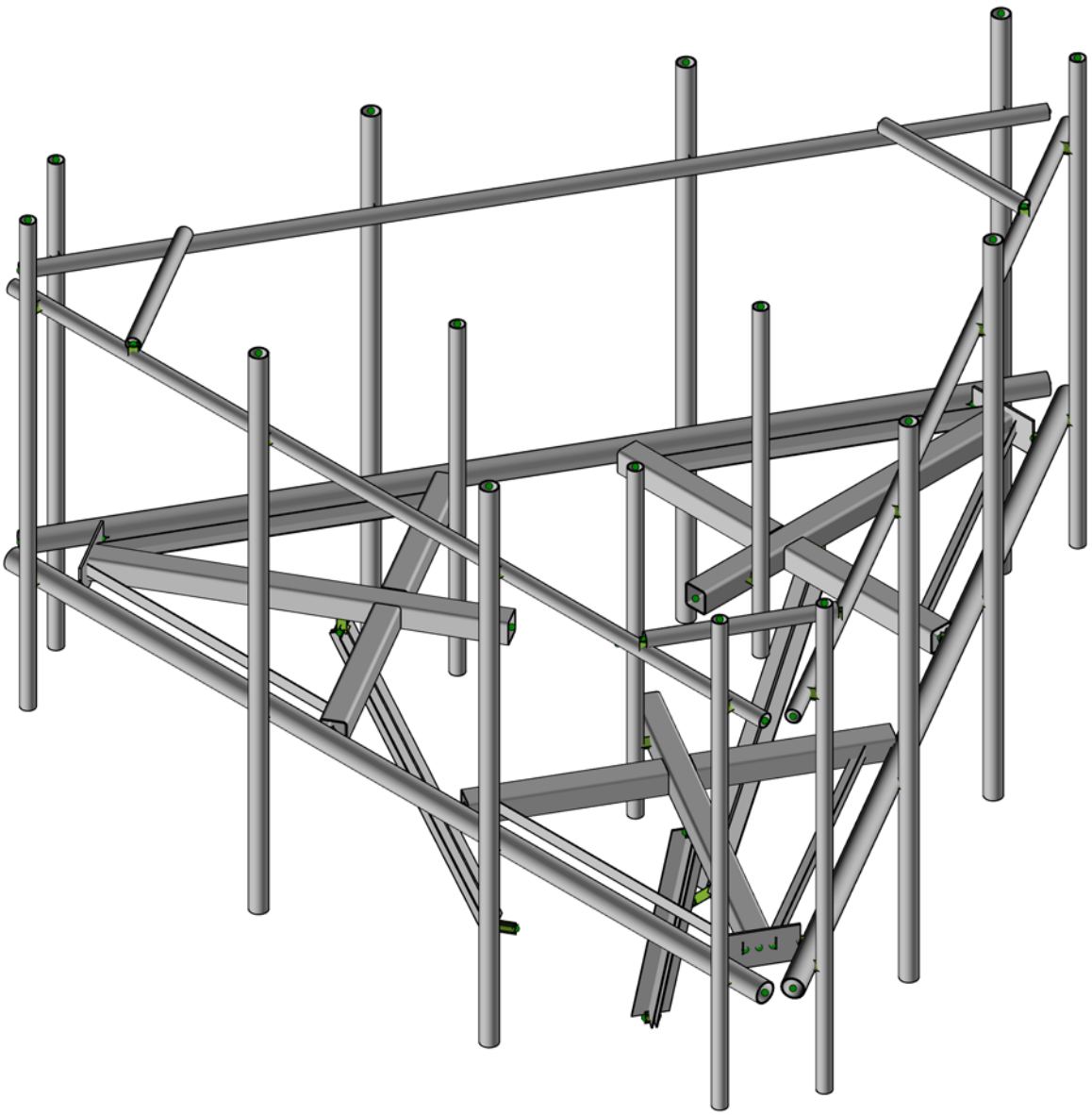
Notes:
1) See additional documentation in "Appendix C - Software Analysis Output" for calculations supporting the % capacity consumed.
2) See additional documentation in “Appendix D - Additional Calculations” for detailed mount connection calculations.

4.1) Recommendations

The mount has sufficient capacity to carry the proposed loading configuration. No modifications are required at this time.

APPENDIX A

WIRE FRAME AND RENDERED MODELS



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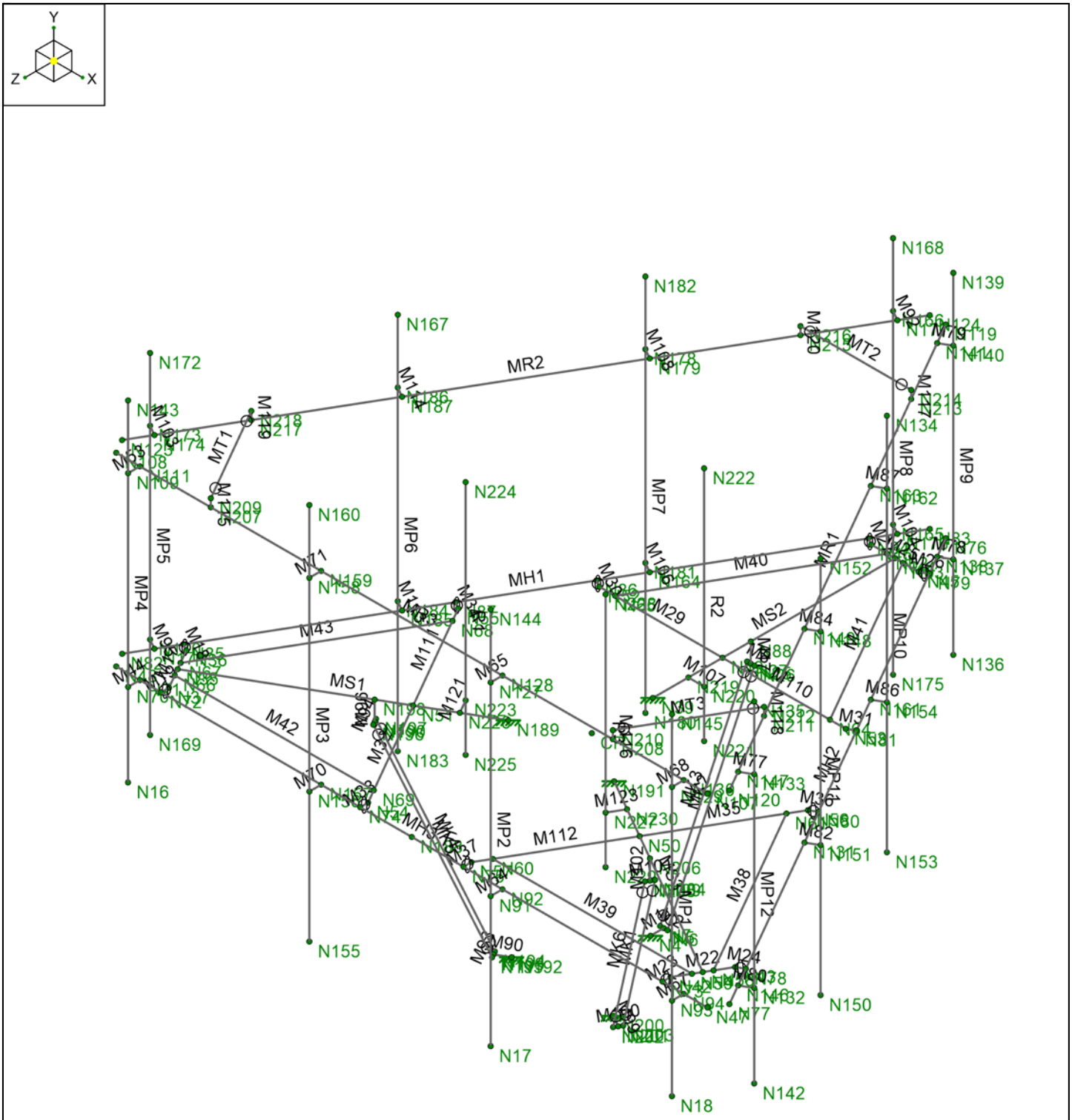

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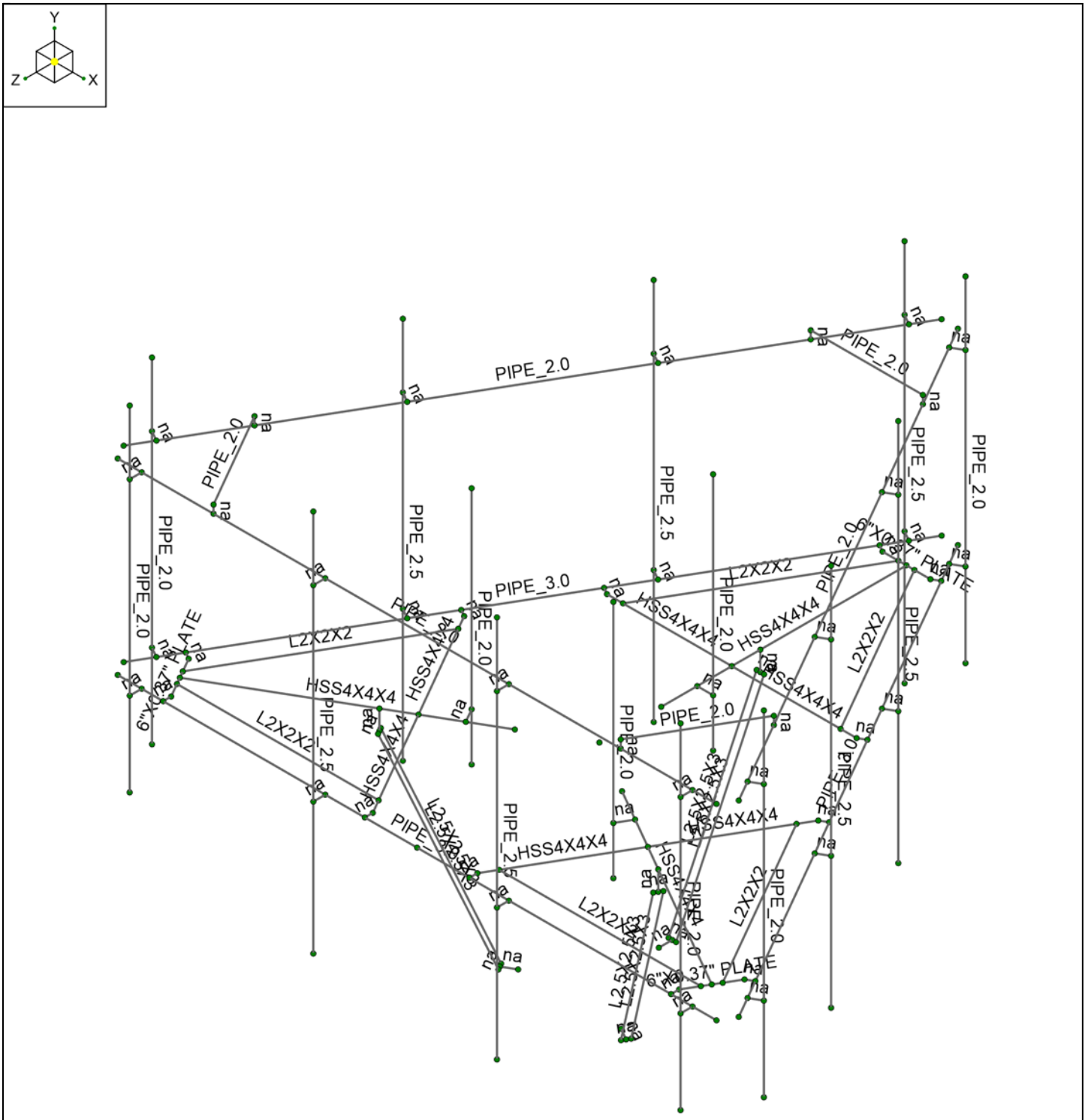

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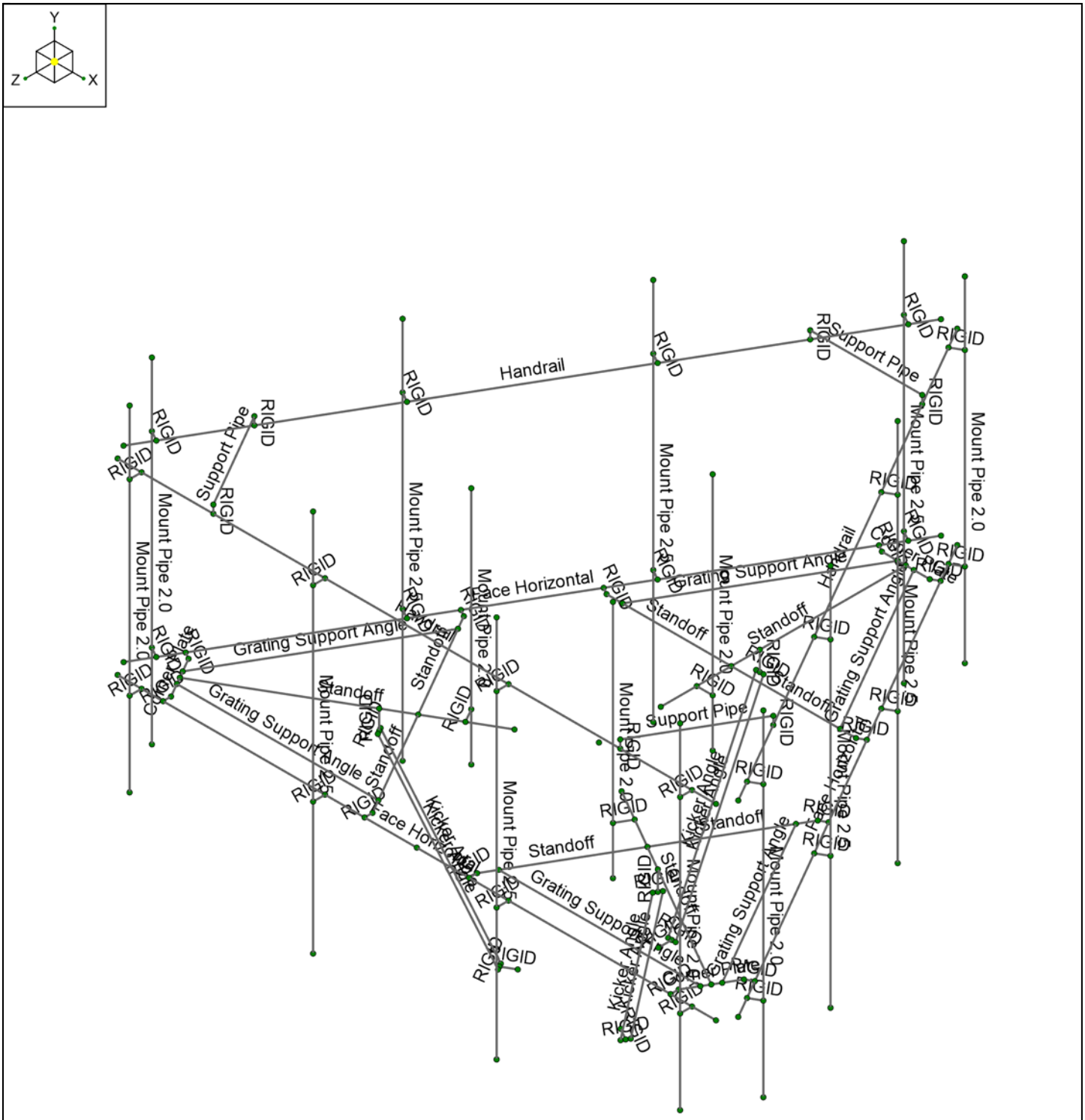

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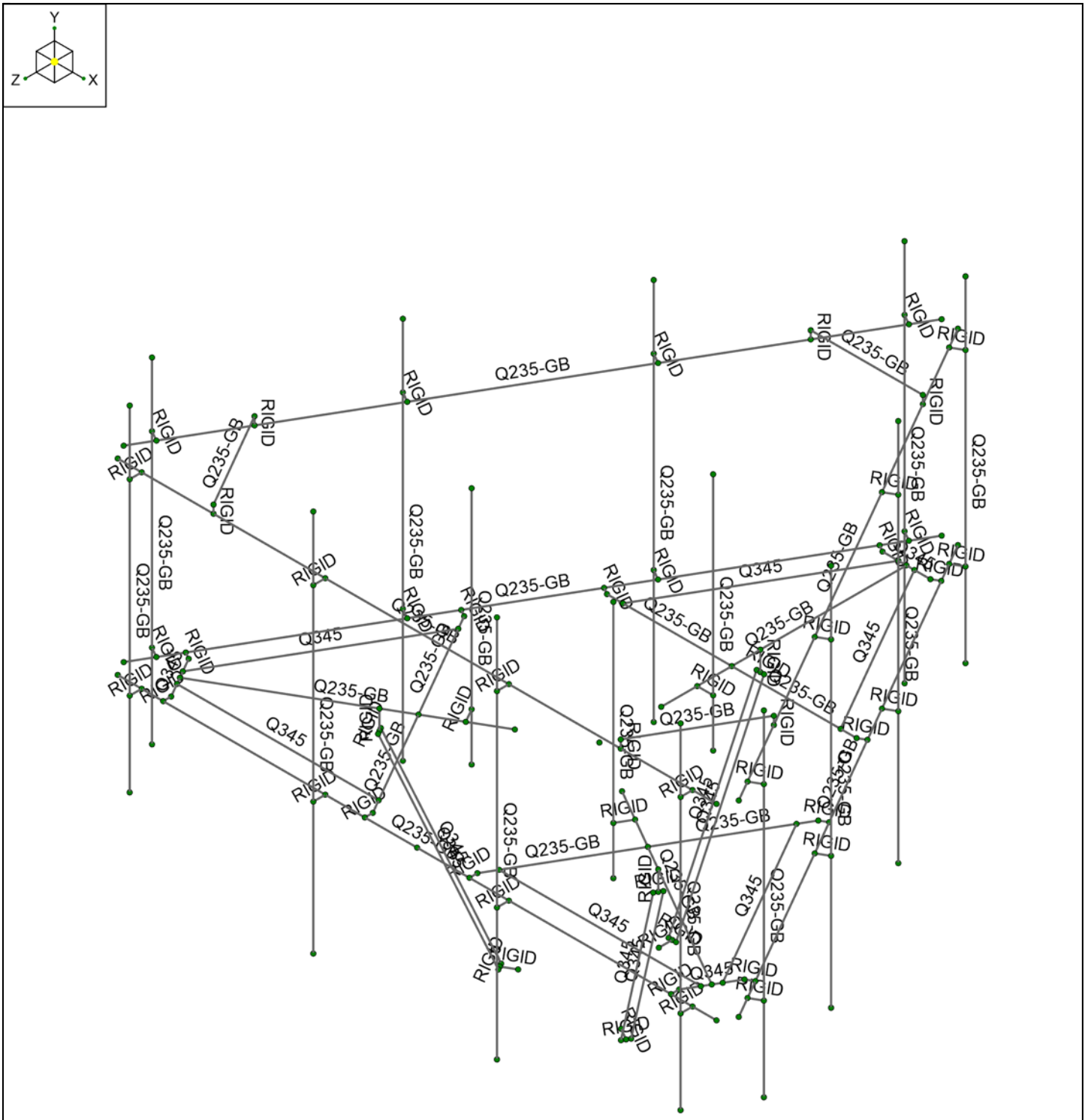

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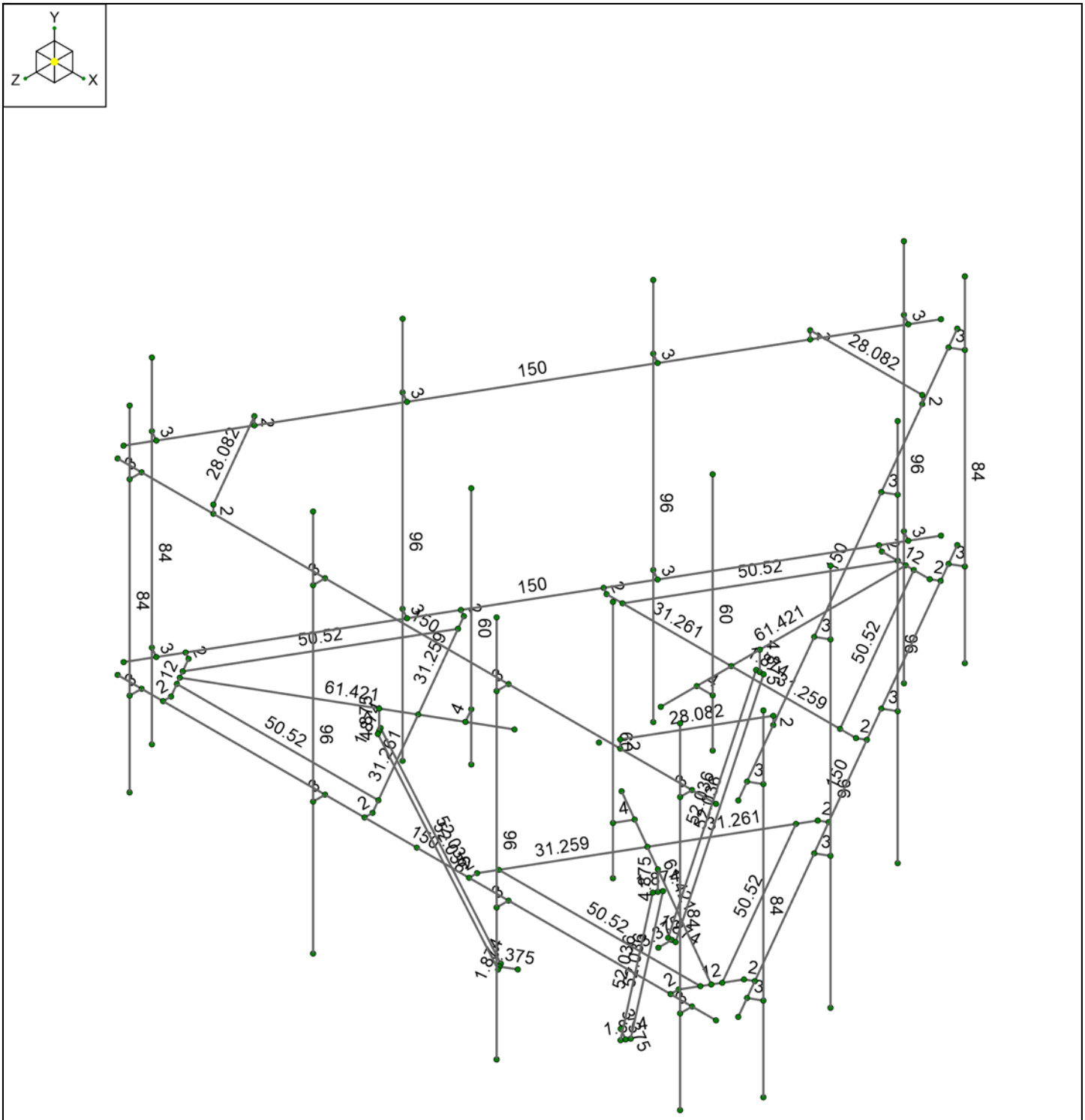

Member Length (in) Displayed

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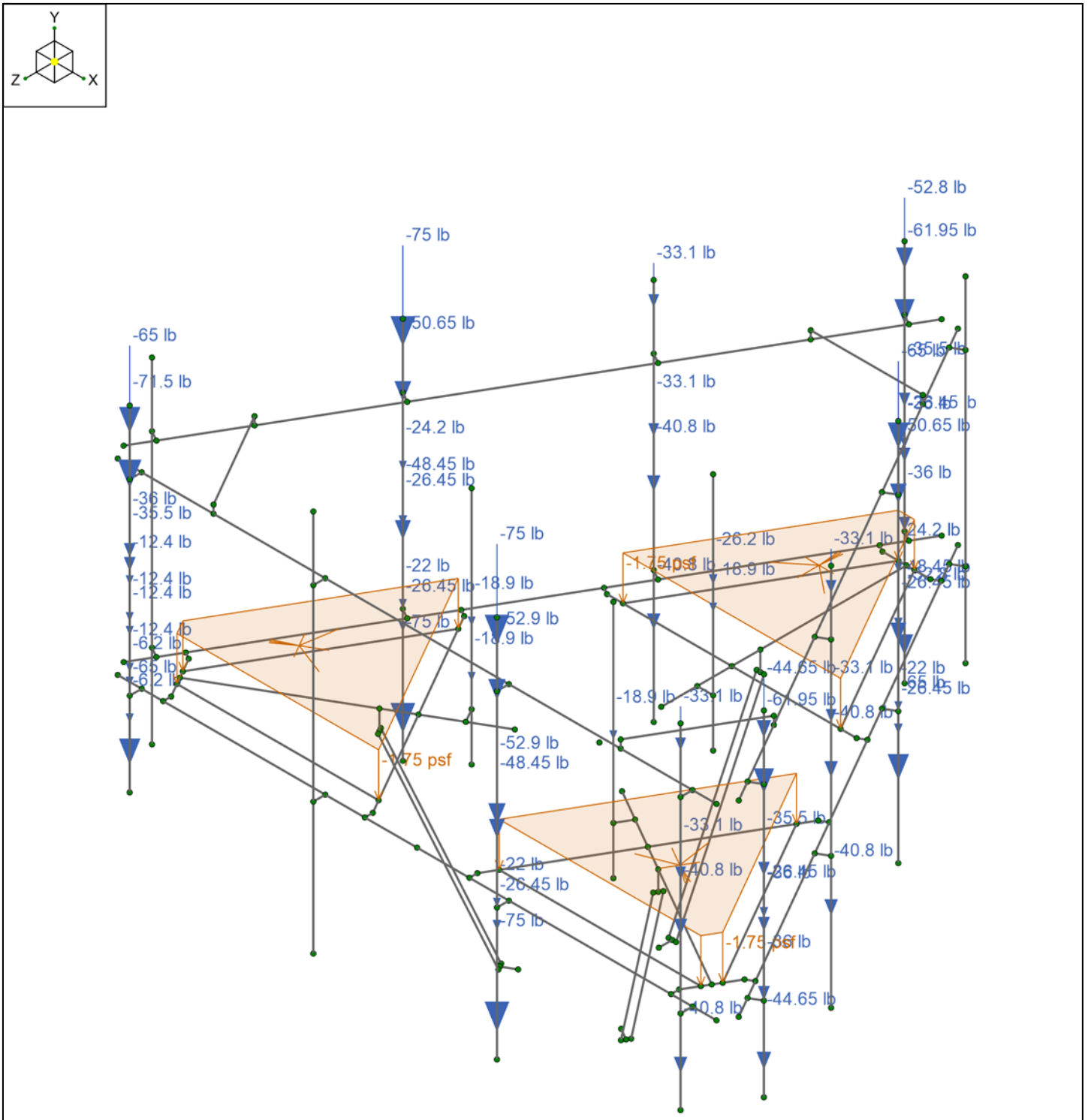

Loads: BLC 1, Self Weight

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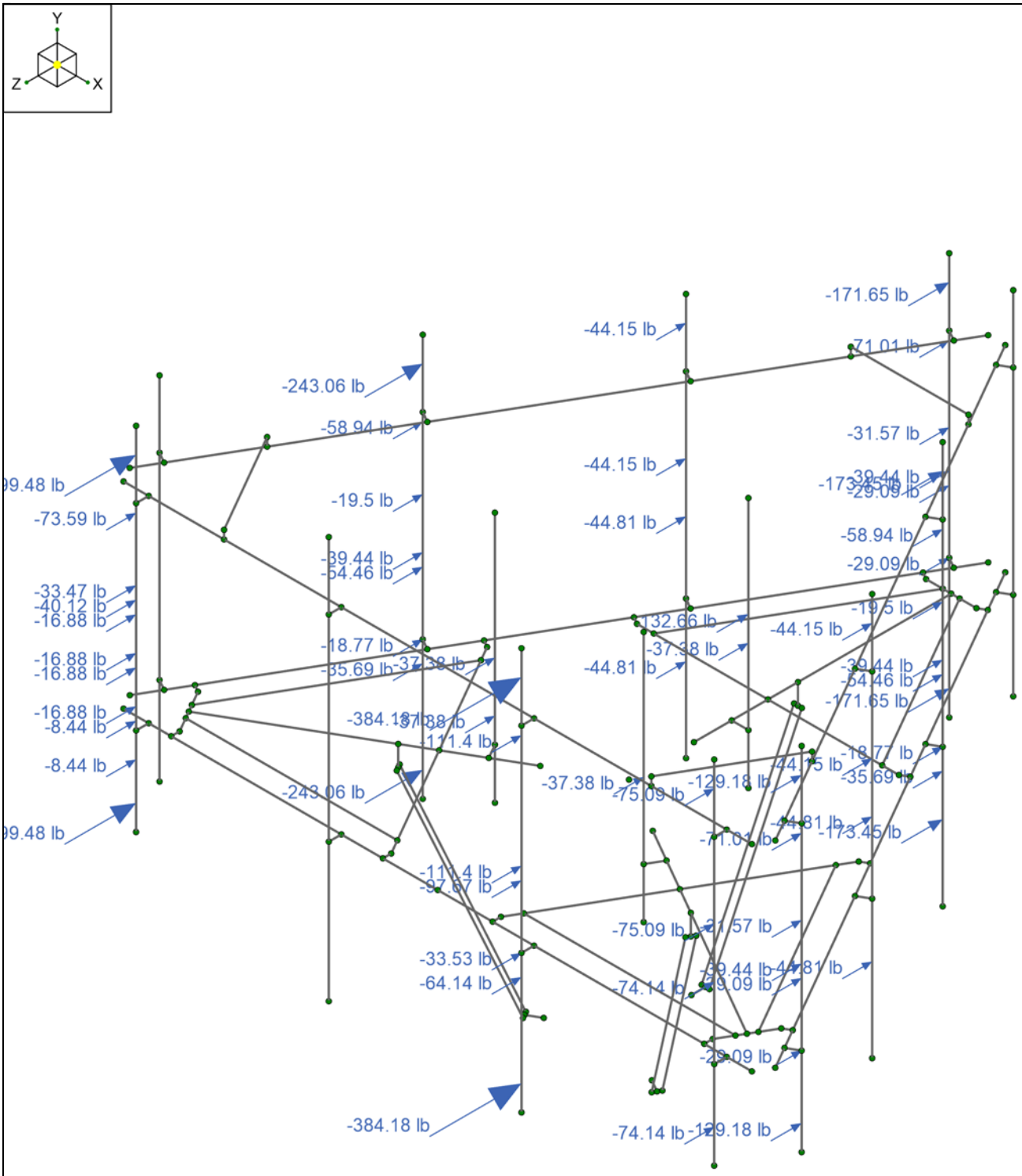

Loads: BLC 2, Wind Load AZI 0

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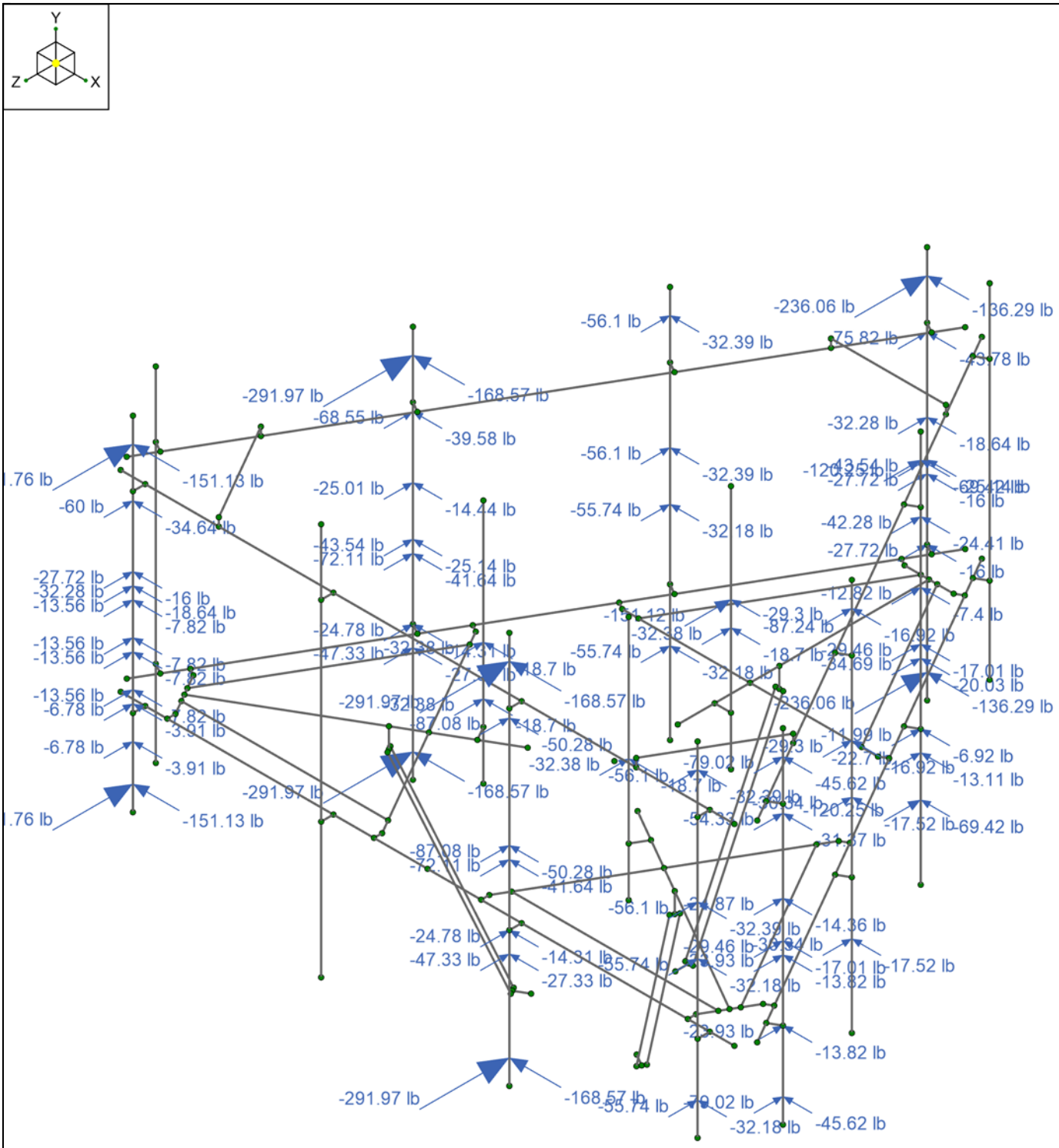

Loads: BLC 3, Wind Load AZI 30

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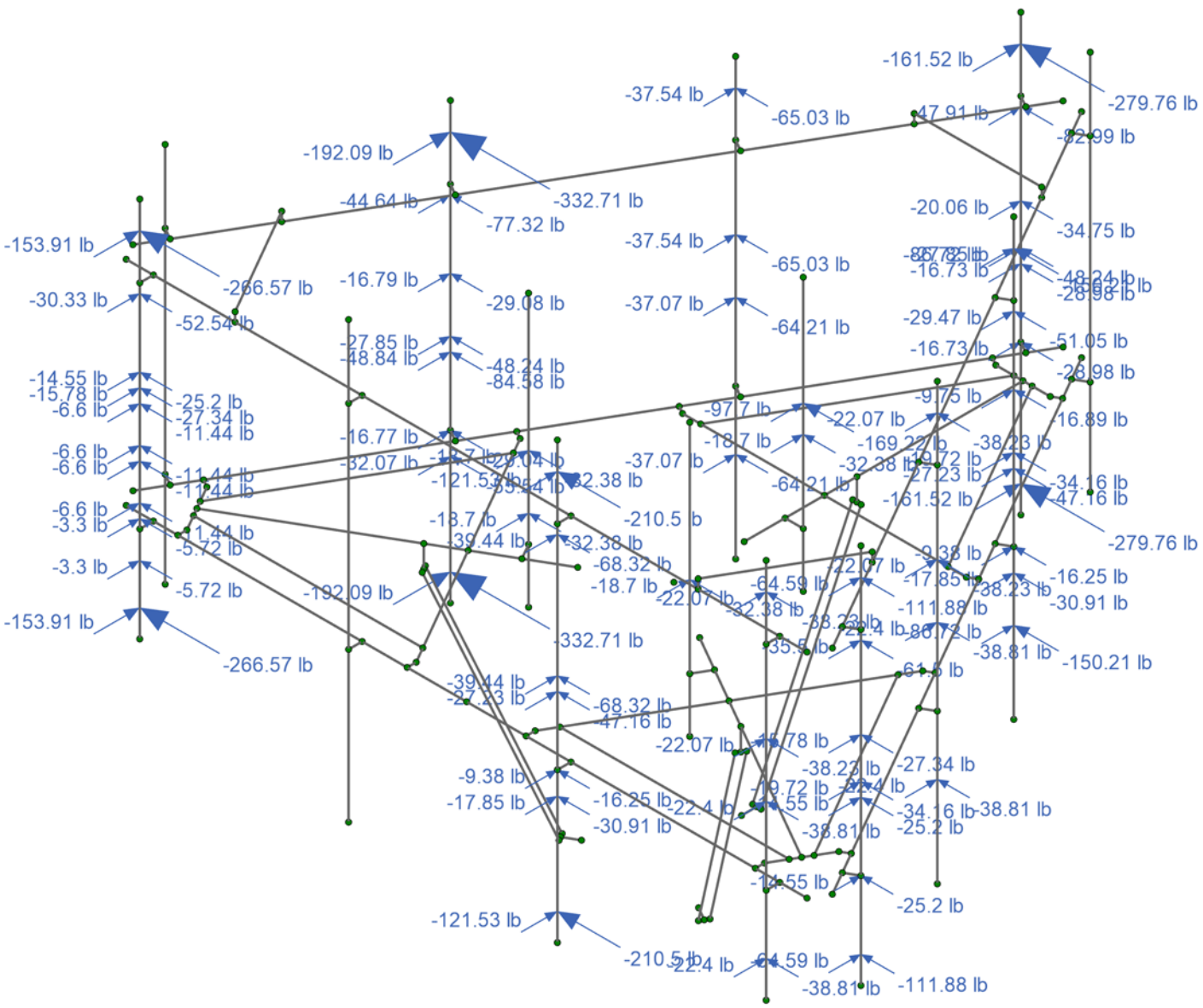

Loads: BLC 4, Wind Load AZI 60

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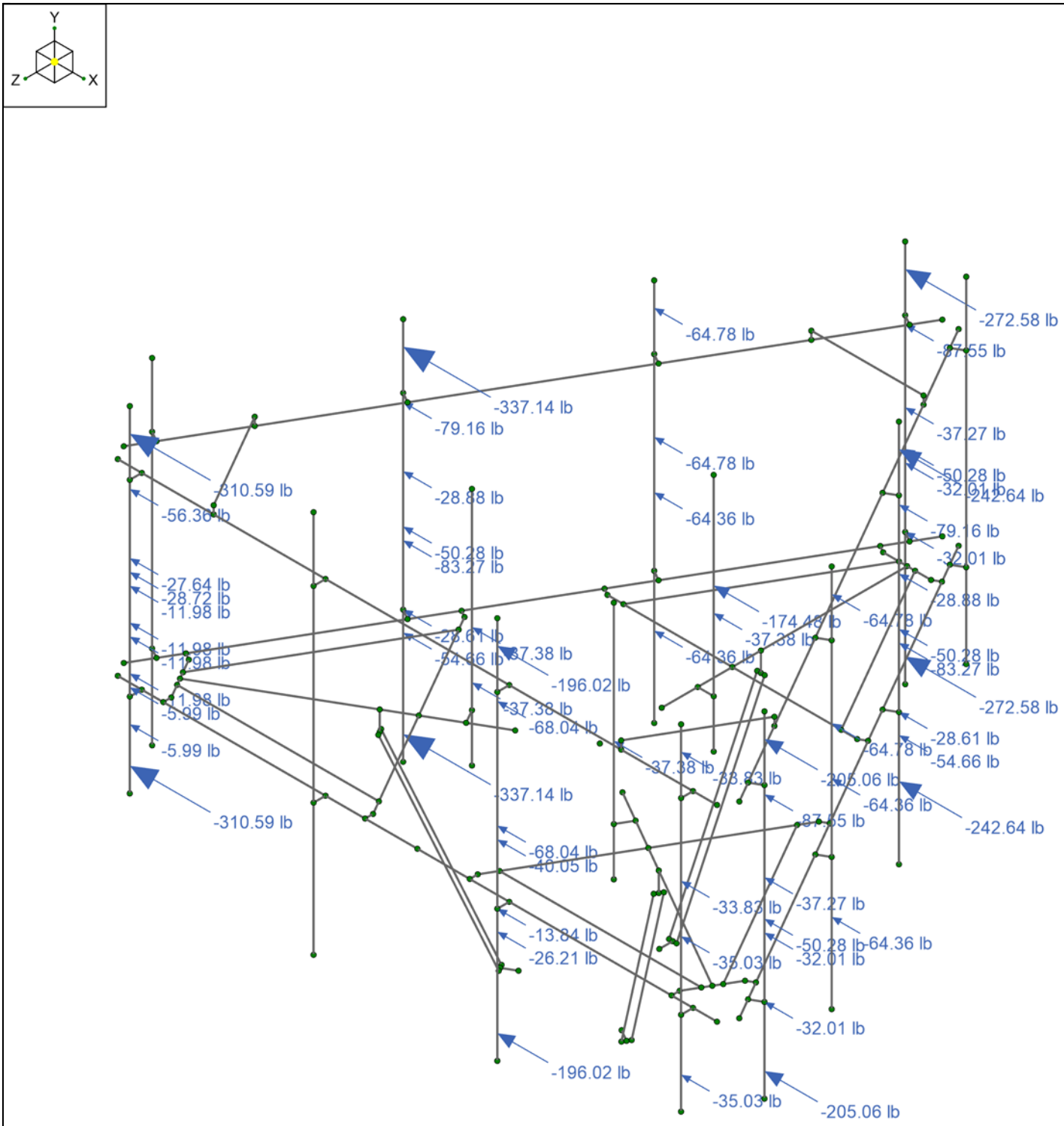

Loads: BLC 5, Wind Load AZI 90

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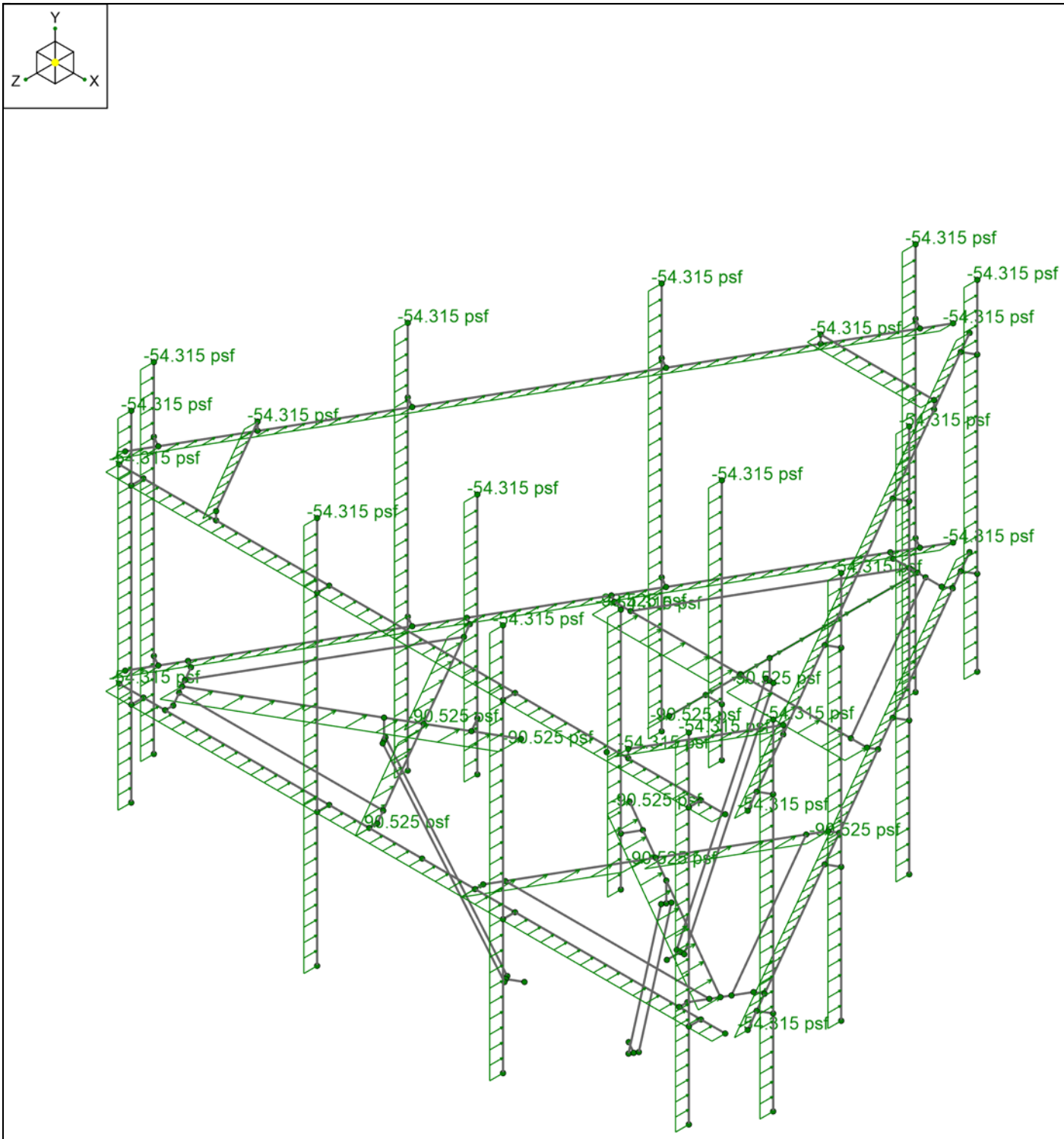

Loads: BLC 14, Distr. Wind Load Z

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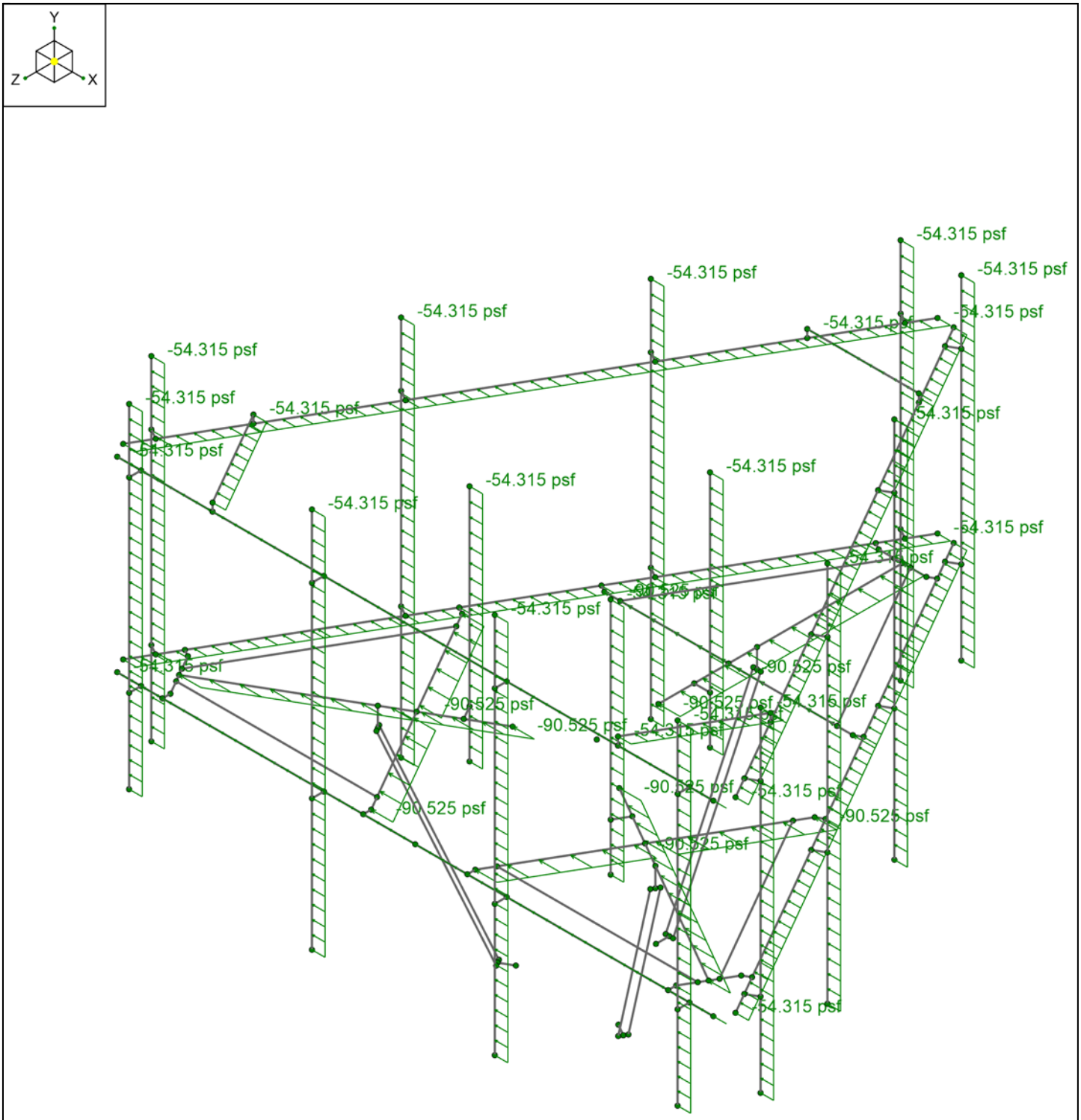

Loads: BLC 15, Distr. Wind Load X

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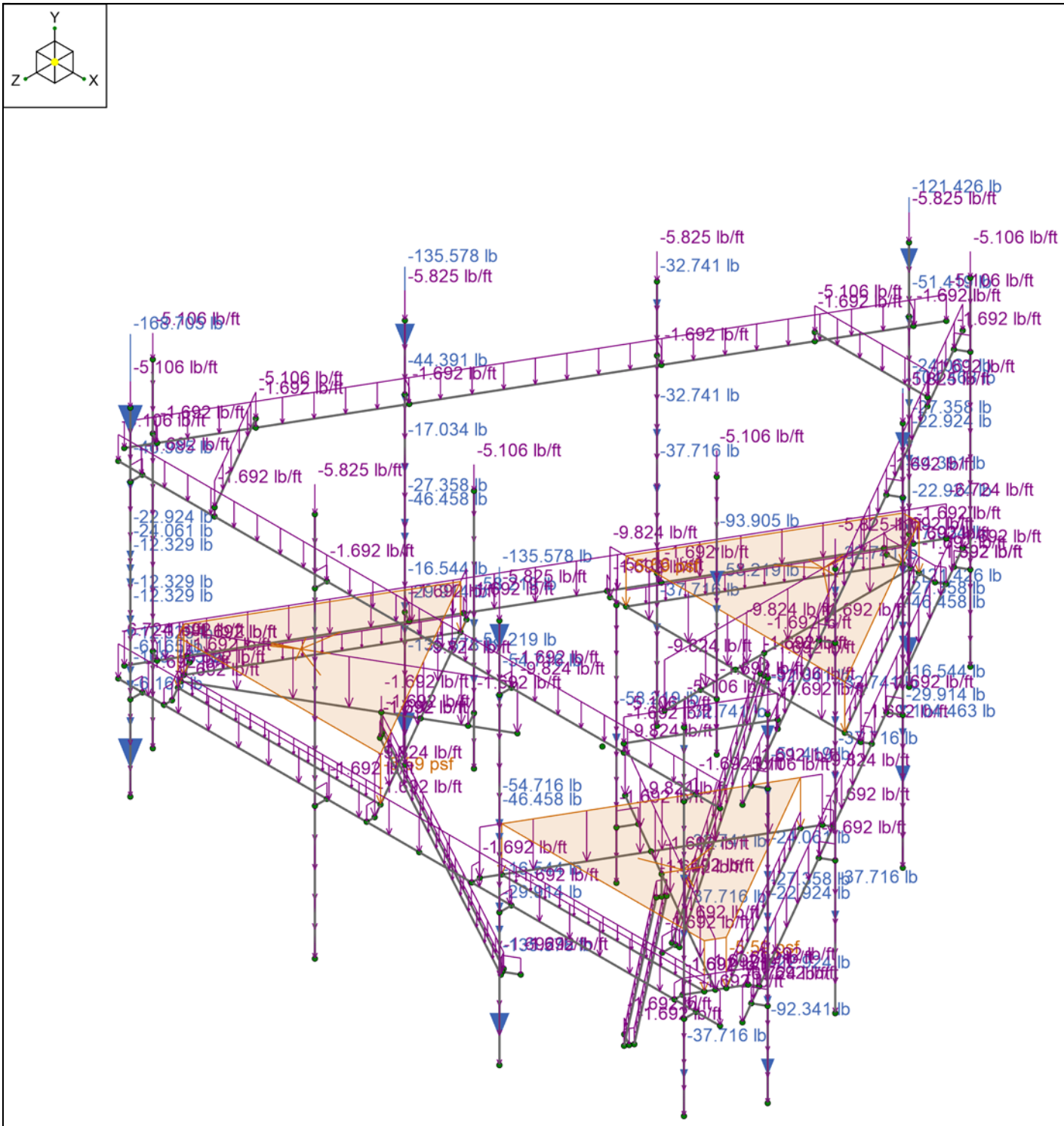

Loads: BLC 16, Ice Weight

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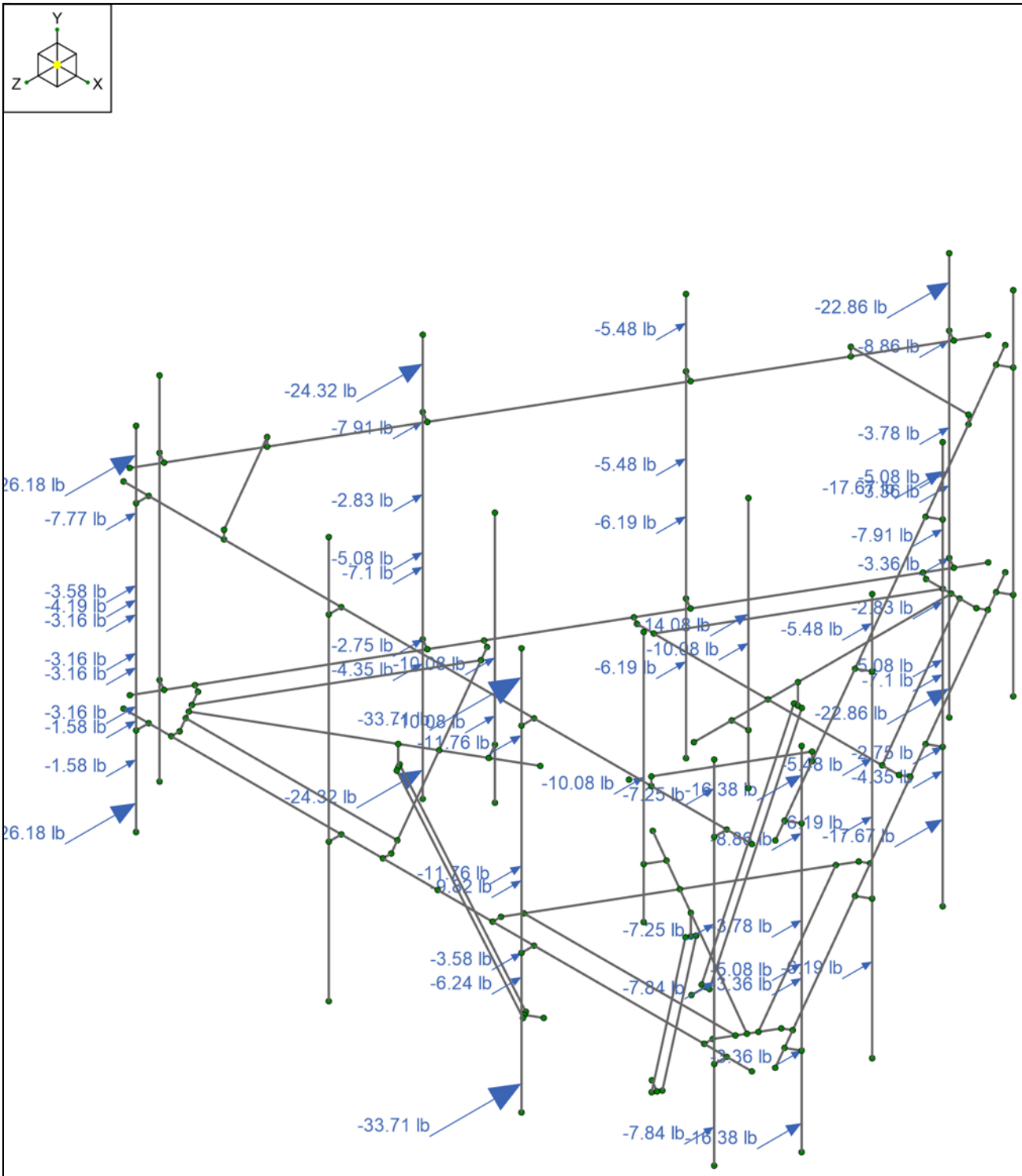

Loads: BLC 17, Ice Wind Load AZI 0

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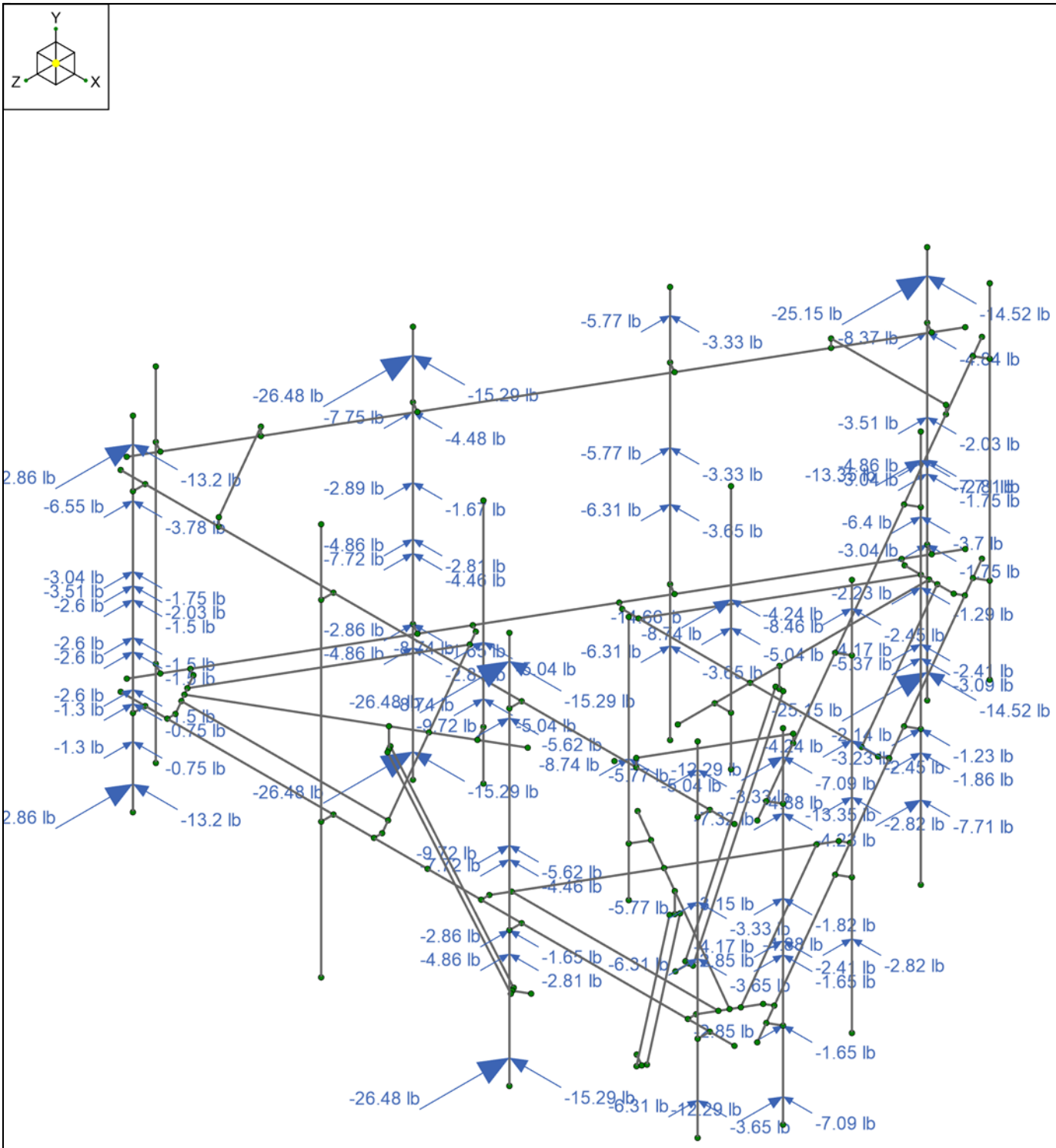

Loads: BLC 18, Ice Wind Load AZI 30

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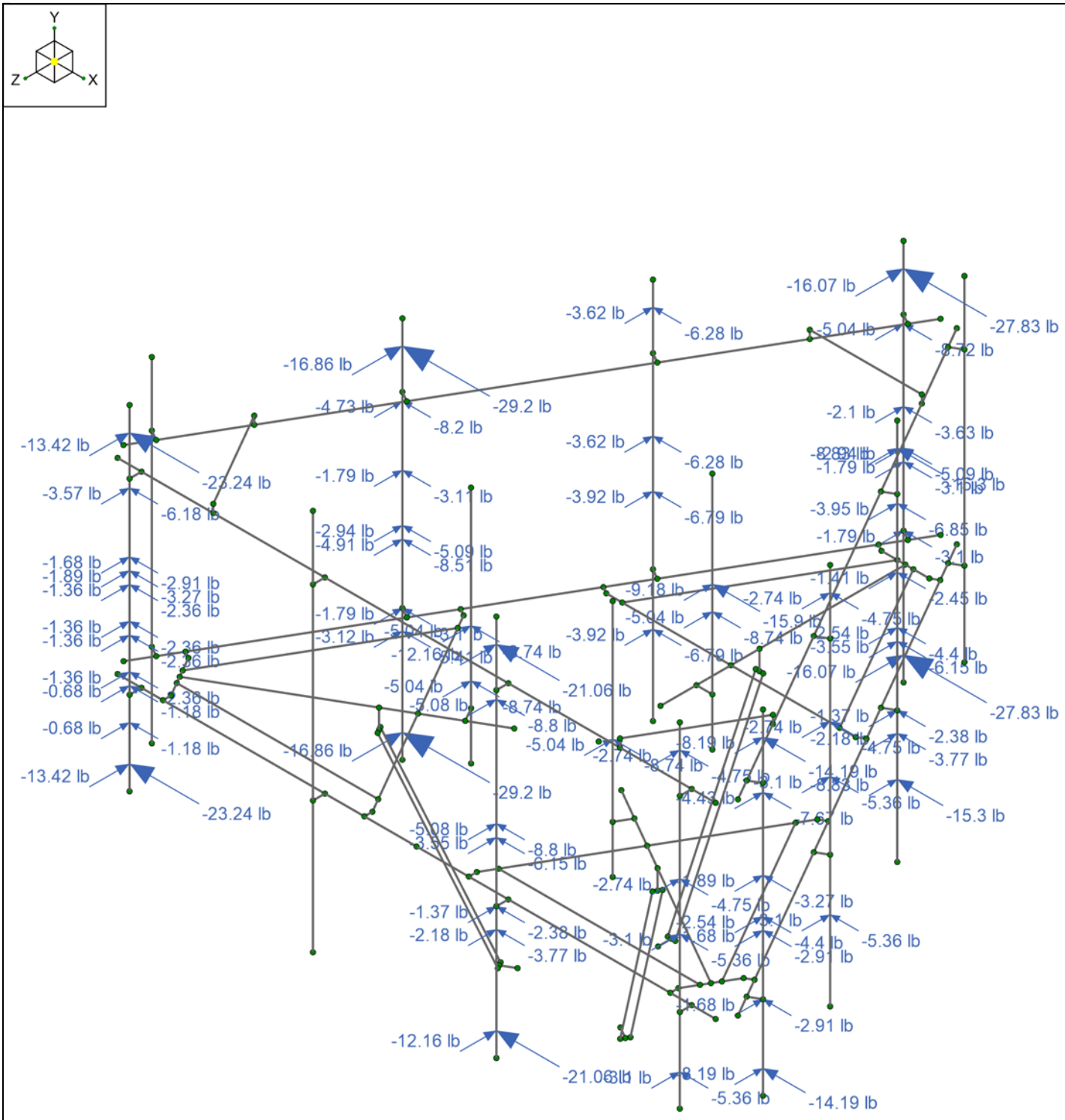

Loads: BLC 19, Ice Wind Load AZI 60

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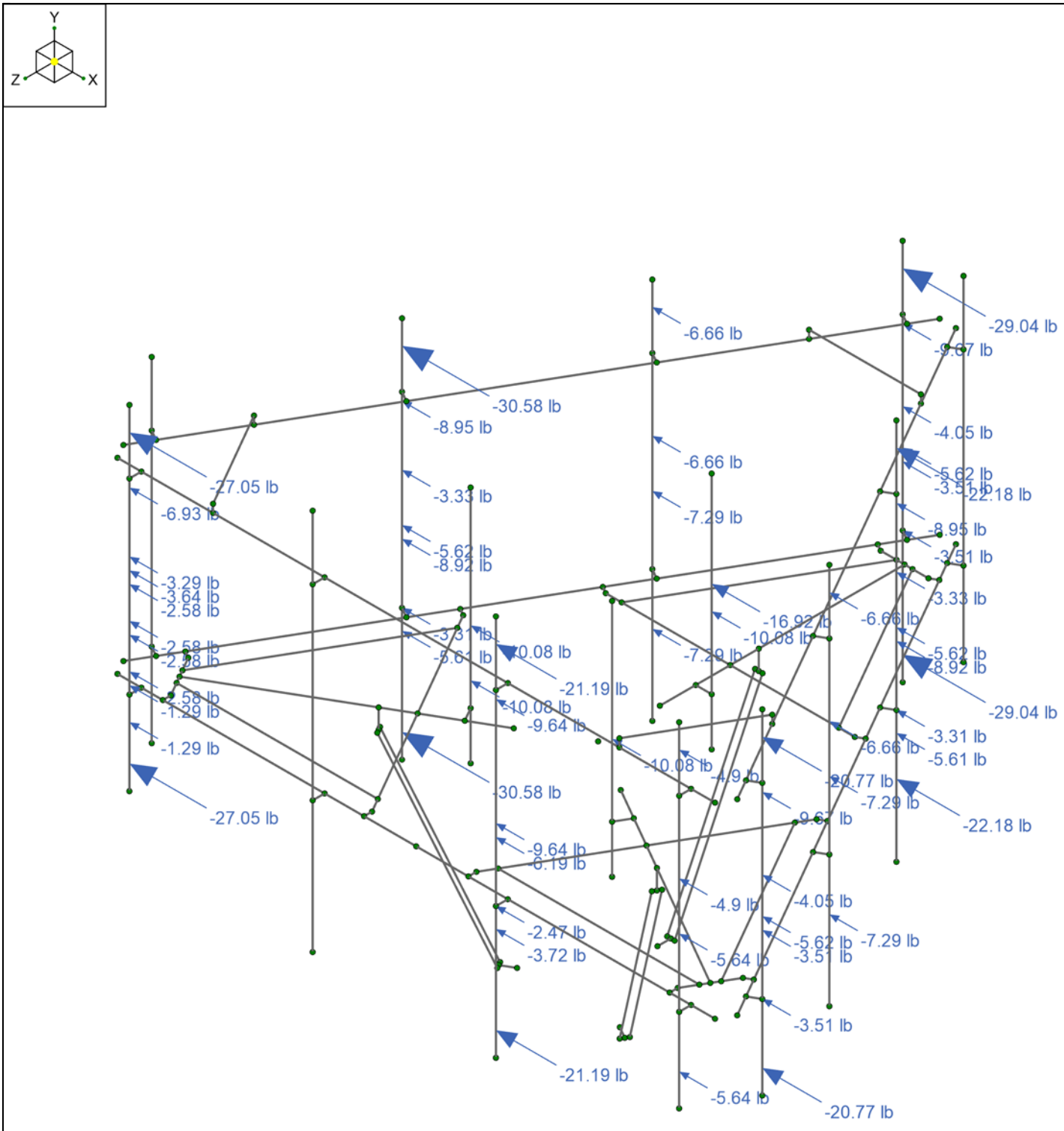

Loads: BLC 20, Ice Wind Load AZI 90

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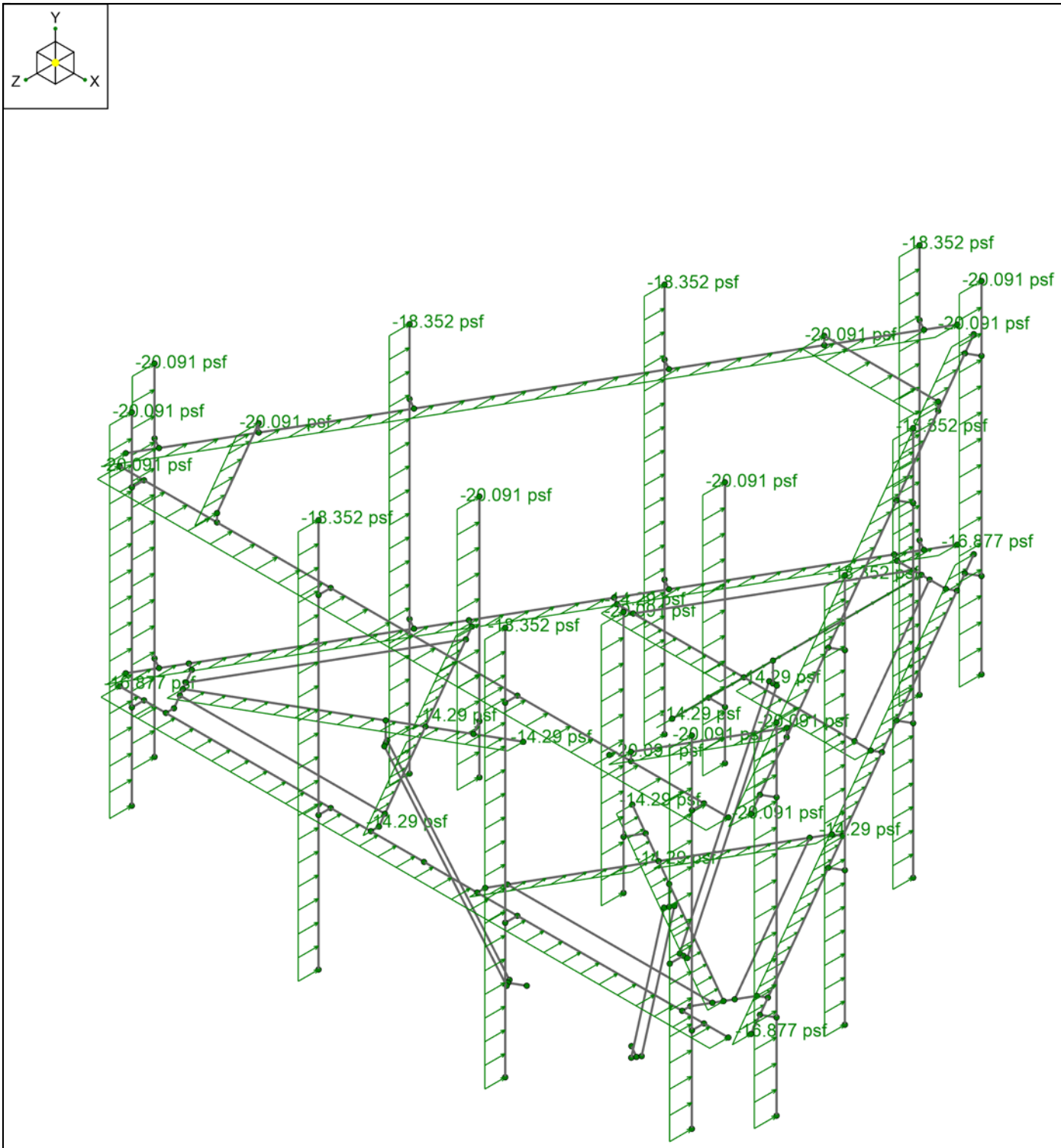

Loads: BLC 29, Distr. Ice Wind Load Z

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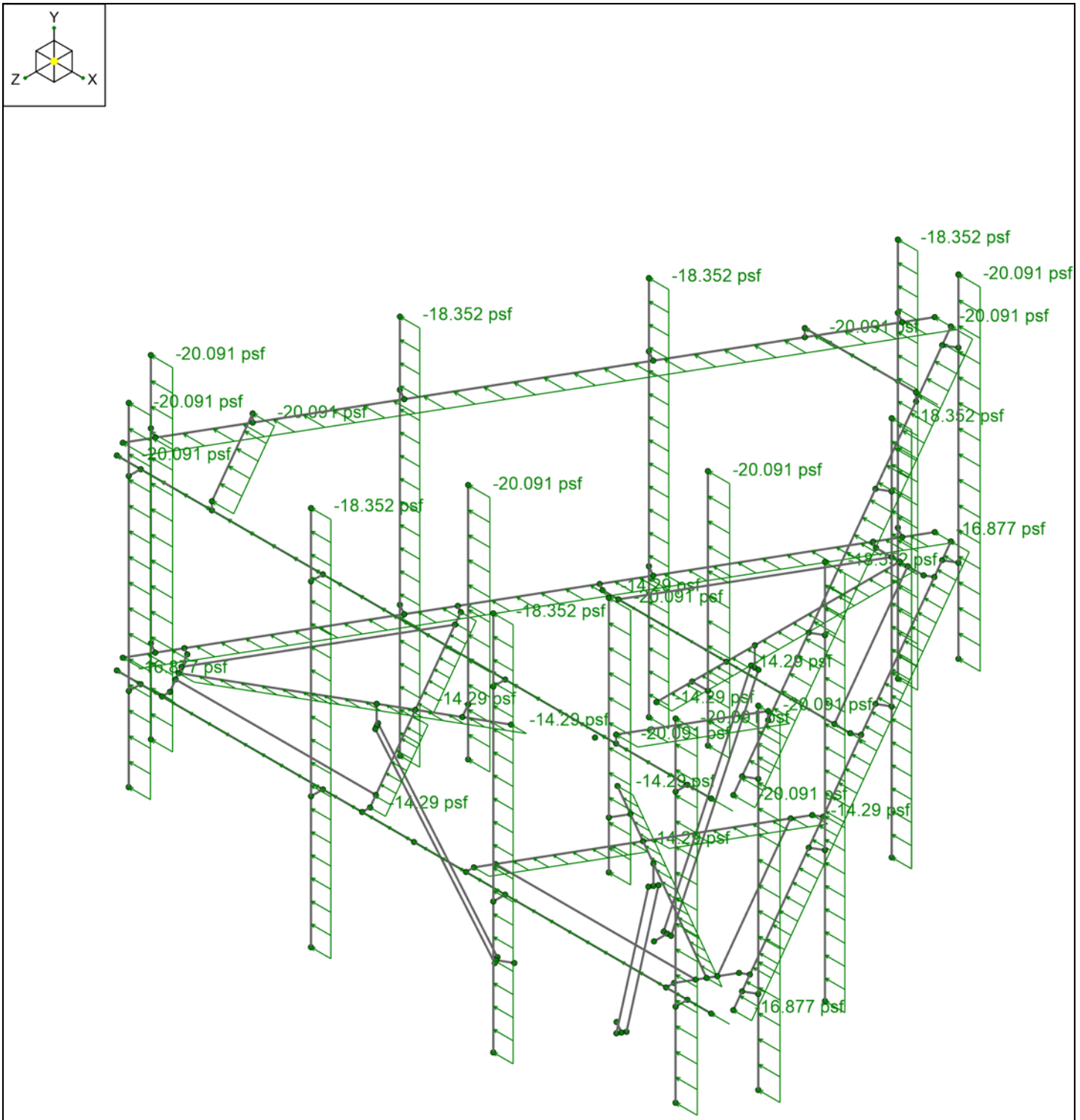

Loads: BLC 30, Distr. Ice Wind Load X

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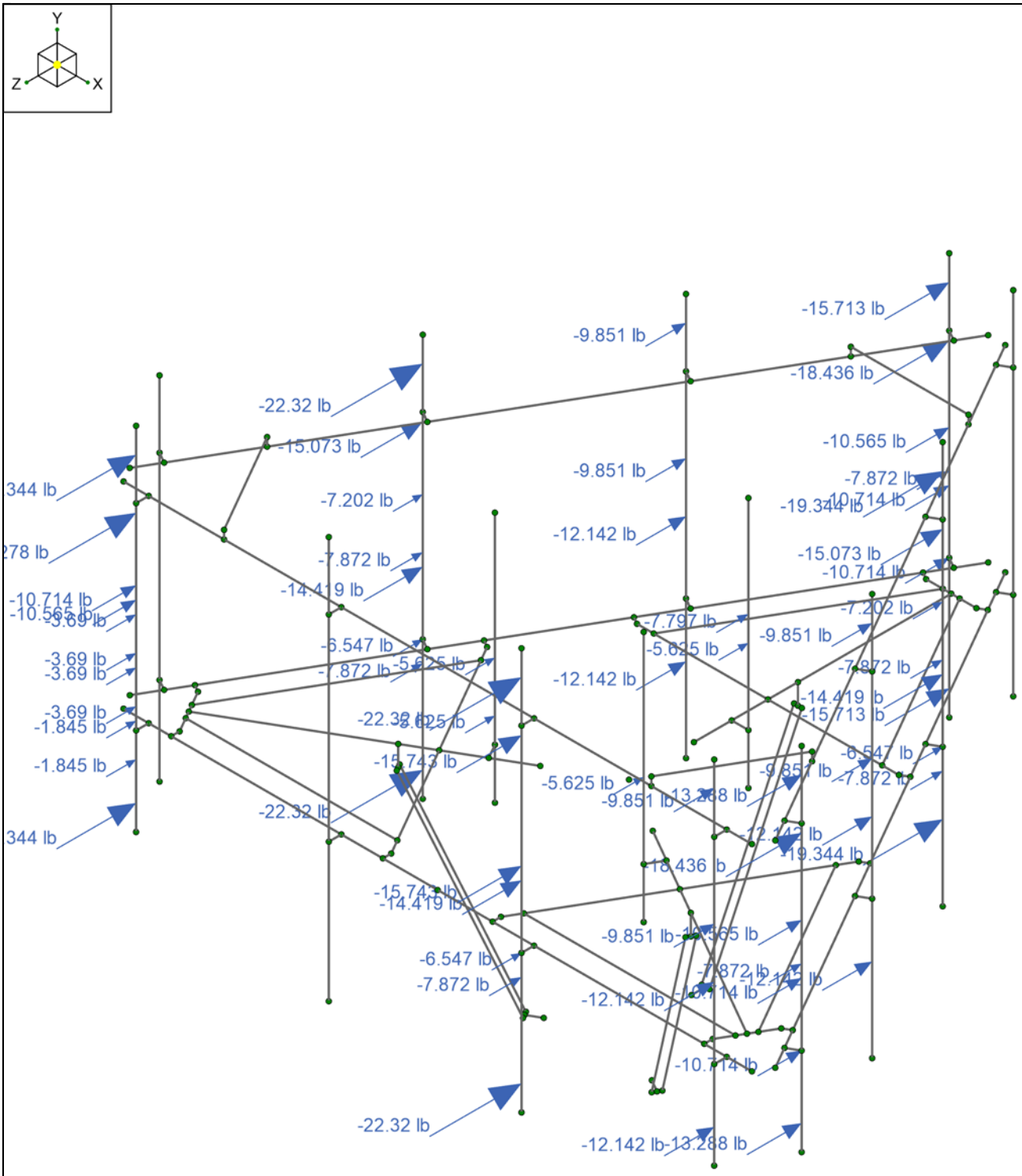

Loads: BLC 31, Seismic Load Z

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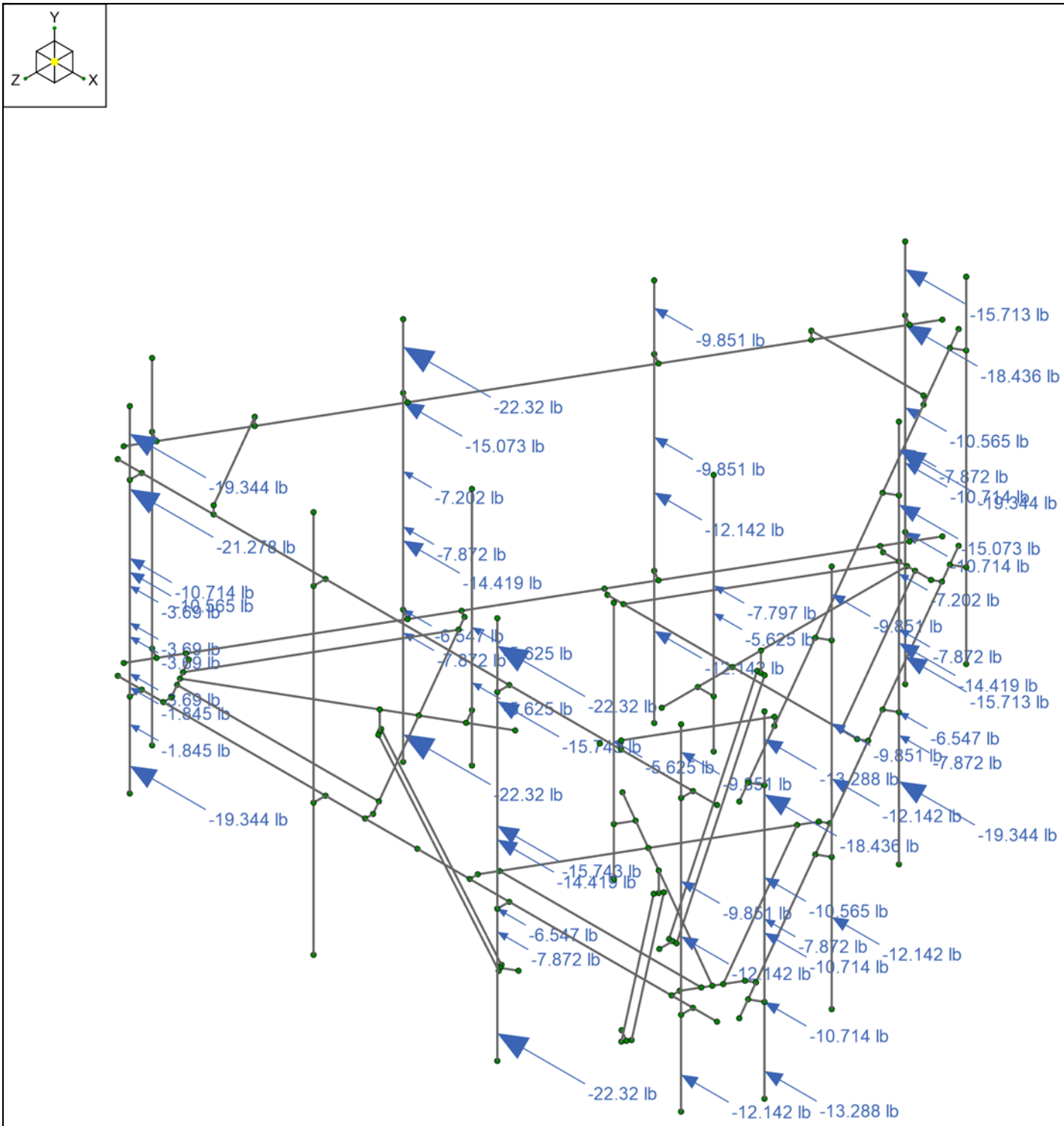

Loads: BLC 32, Seismic Load X

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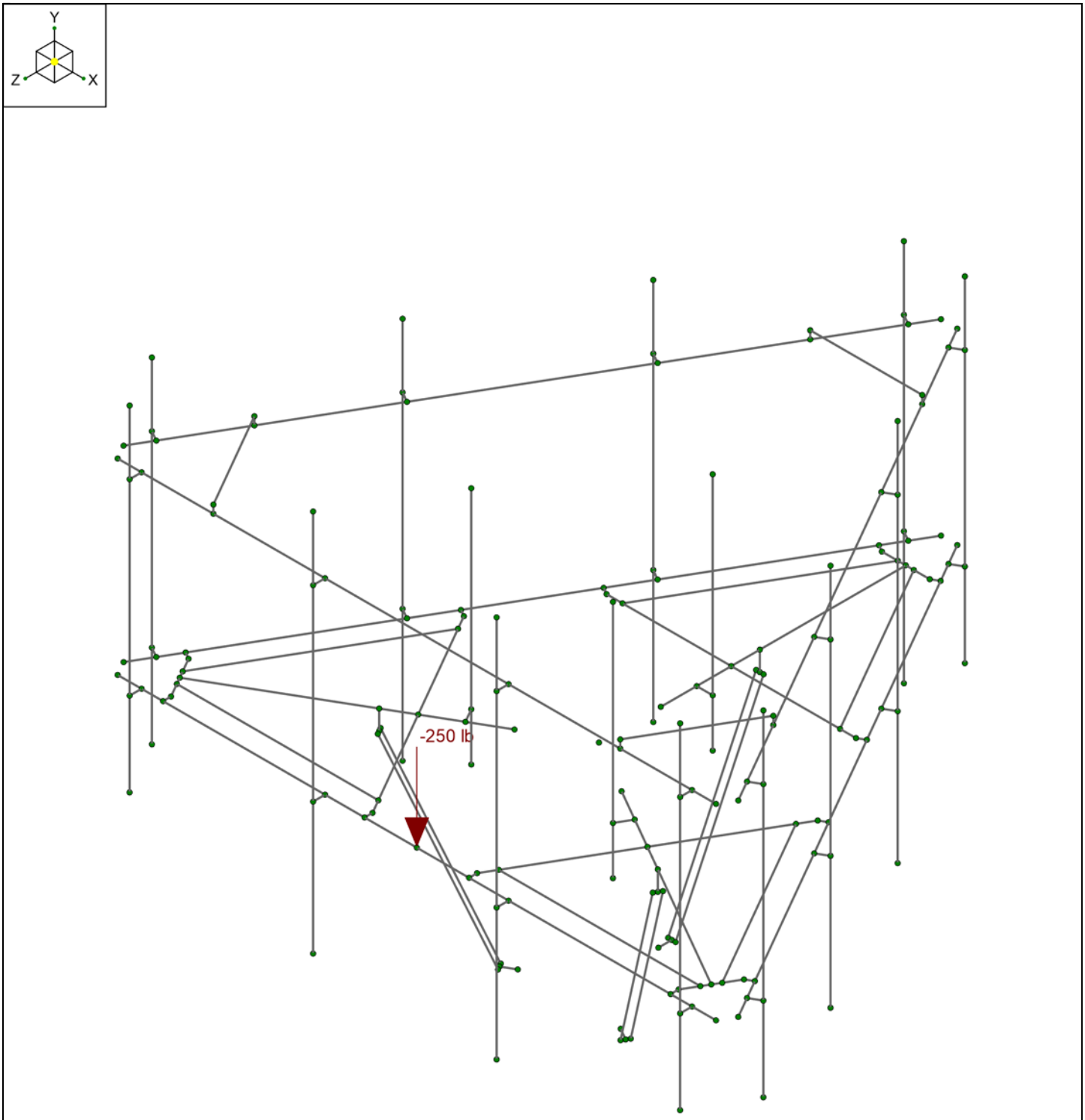

Loads: BLC 33, Service Live Loads

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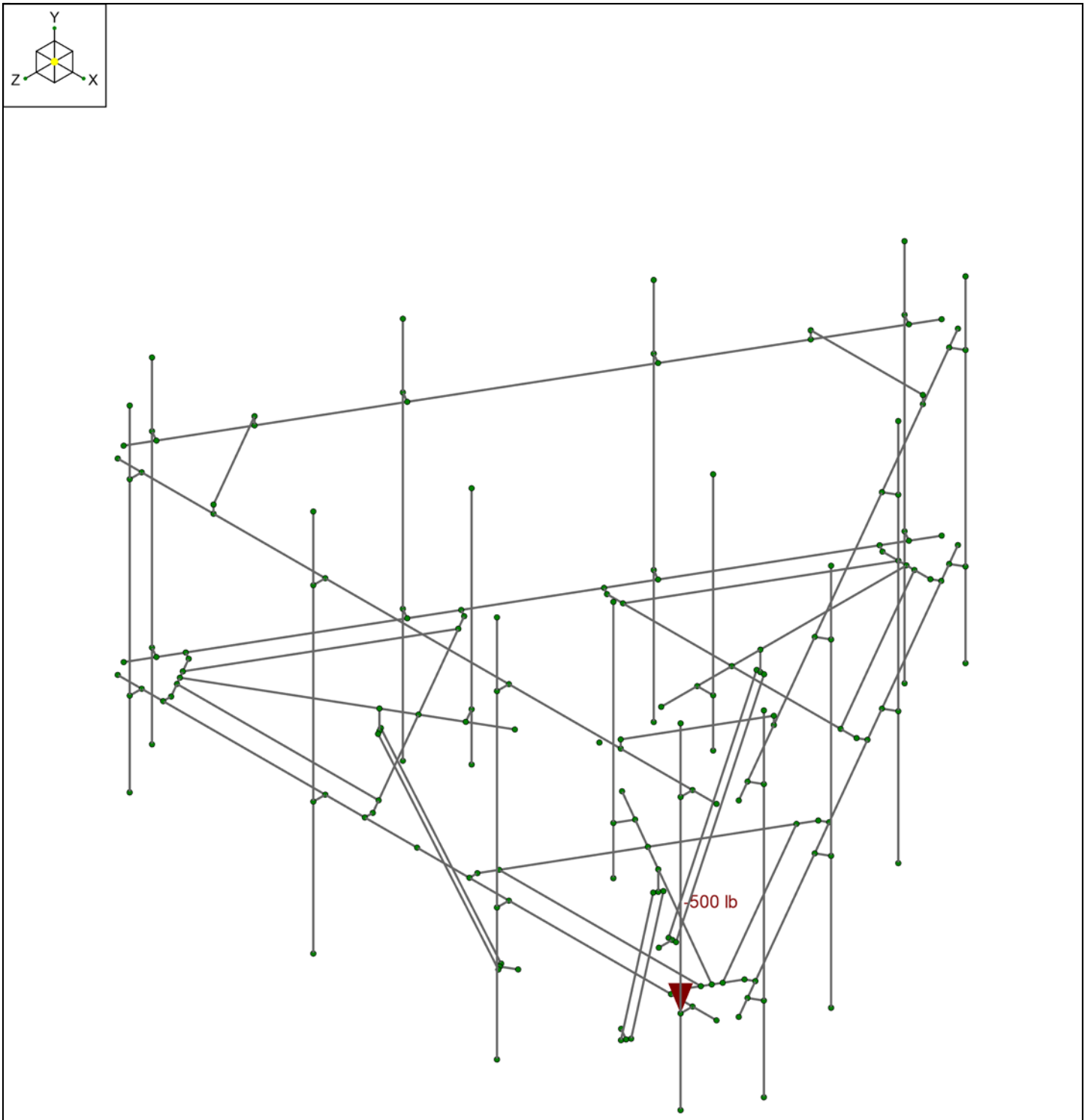

Loads: BLC 36, Maintenance Load 3

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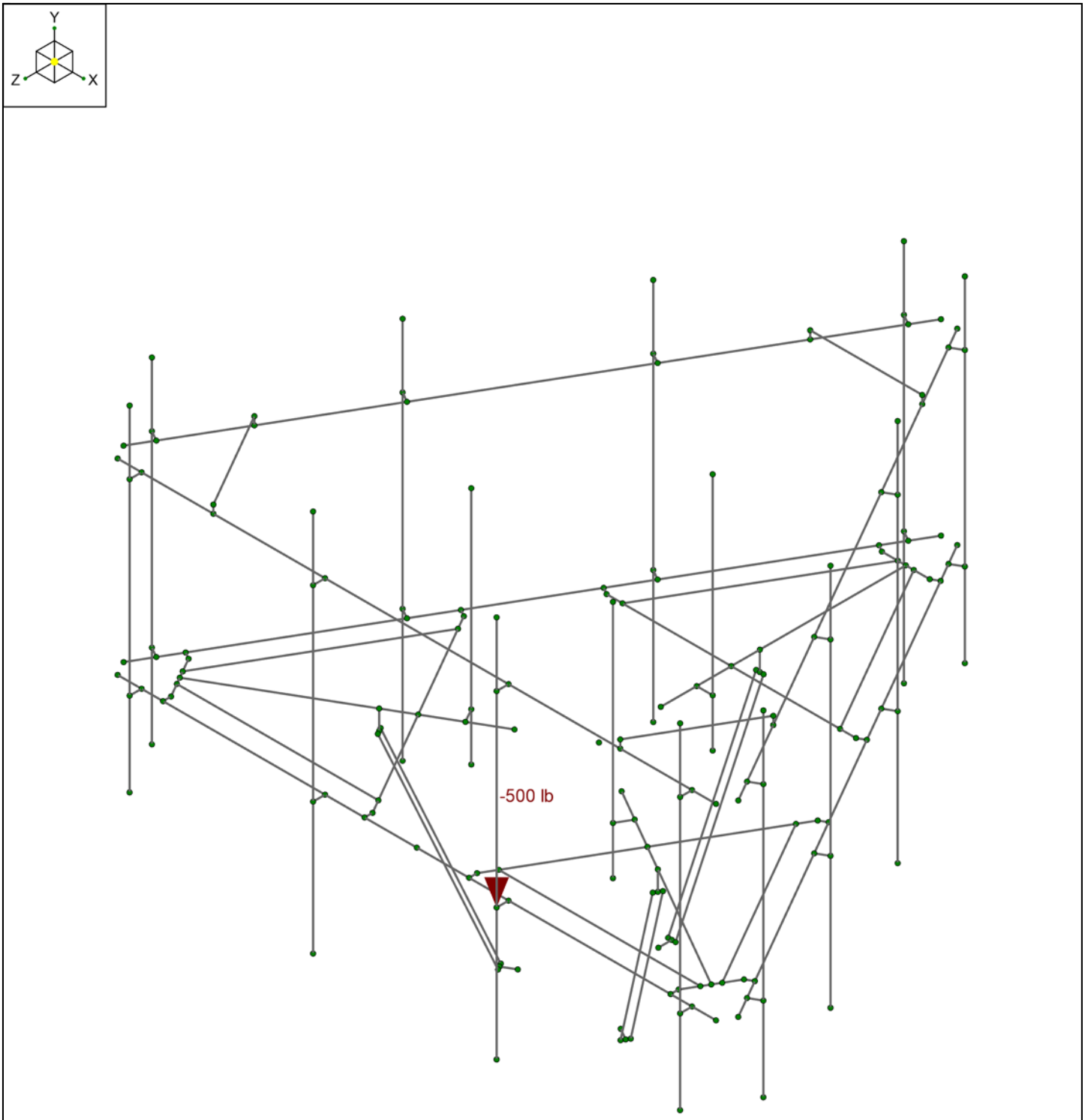

Loads: BLC 35, Maintenance Load 2

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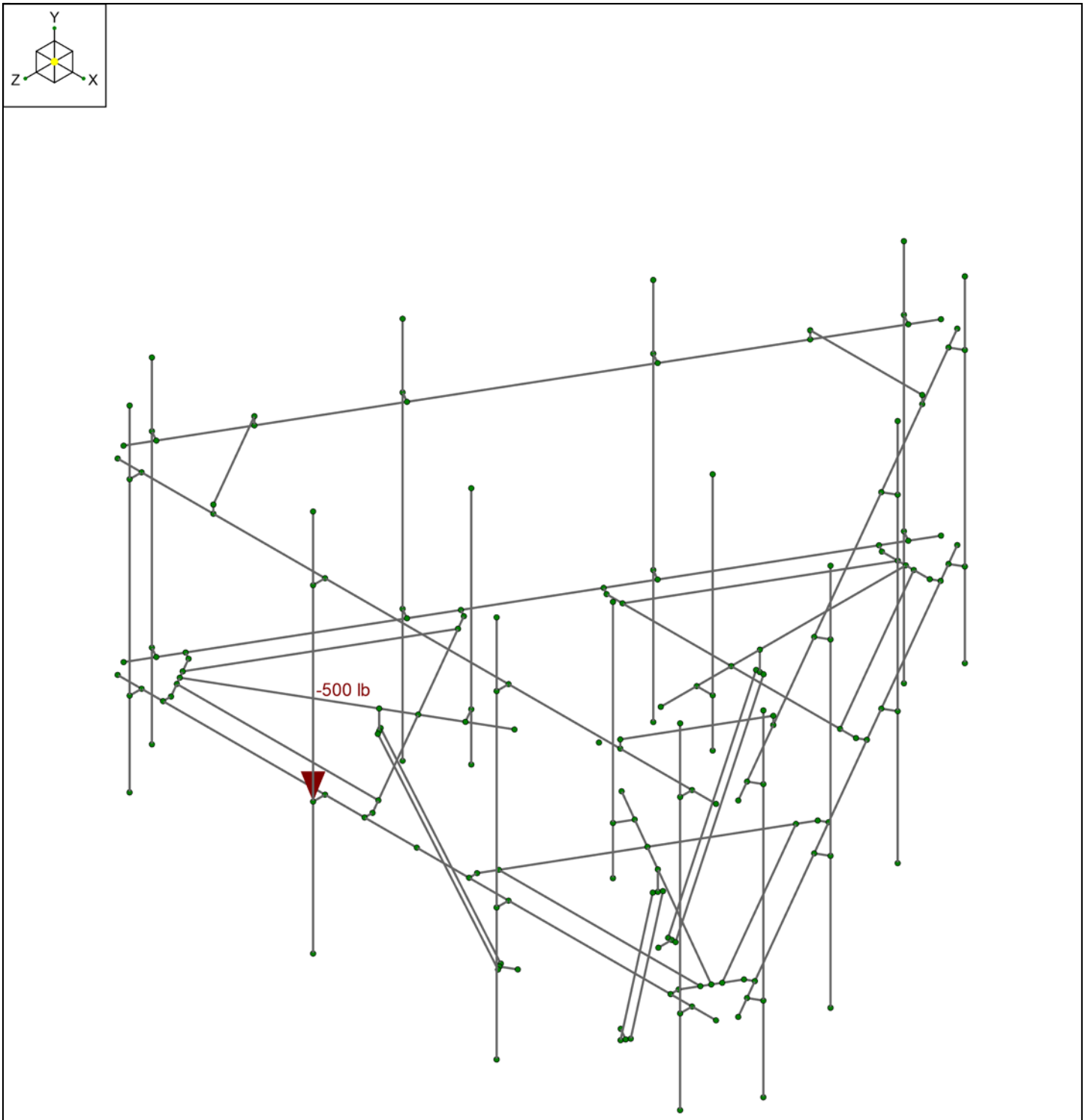

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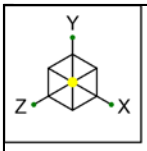

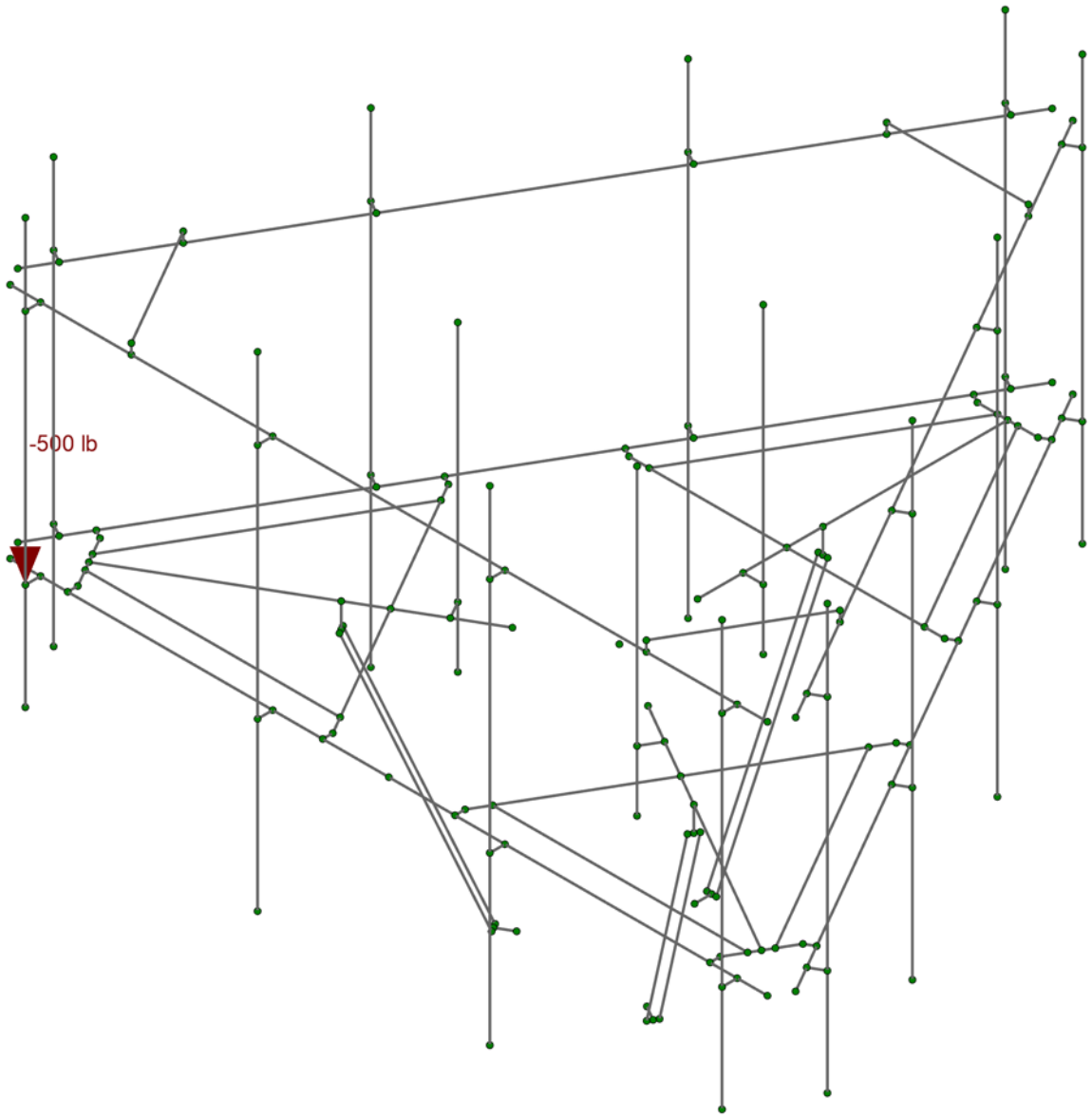

Loads: BLC 34, Maintenance Load 1

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APPENDIX B

SOFTWARE INPUT CALCULATIONS

Program Inputs

PROJECT INFORMATION	
Client:	Crown Castle
Carrier:	AT&T Mobility
Engineer:	Andrew Gloriani

SITE INFORMATION		
Risk Category:	II	
Exposure Category:	C	
Topo Factor Procedure:	Method 1, Category 1	
Site Class:	D - Stiff Soil (Assumed)	
Ground Elevation:	564.80	ft *Rev H

MOUNT INFORMATION		
Mount Type:	Platform	
Num Sectors:	3	
Centerline AGL:	168.00	ft
Tower Height AGL:	168.50	ft

TOPOGRAPHIC DATA		
Topo Feature:	N/A	
Slope Distance:	N/A	ft
Crest Distance:	N/A	ft
Crest Height:	N/A	ft

FACTORS		
Directionality Fact. (K_d):	0.950	
Ground Ele. Factor (K_e):	0.980	*Rev H Only
Rooftop Speed-Up (K_s):	1.000	*Rev H Only
Topographic Factor (K_{zt}):	1.000	
Gust Effect Factor (G_h):	1.000	

CODE STANDARDS		
Building Code:	2018 IBC	
TIA Standard:	TIA-222-H	
ASCE Standard:	ASCE 7-16	

WIND AND ICE DATA		
Ultimate Wind (V_{ult}):	116	mph
Design Wind (V):	N/A	mph
Ice Wind (V_{ice}):	50	mph
Base Ice Thickness (t_i):	1.0	in
Flat Pressure:	90.525	psf
Round Pressure:	54.315	psf
Ice Wind Pressure:	10.091	psf

SEISMIC DATA		
Short-Period Accel. (S_s):	0.186	g
1-Second Accel. (S_1):	0.054	g
Short-Period Design (S_{DS}):	0.198	
1-Second Design (S_{D1}):	0.086	
Short-Period Coeff. (F_a):	1.600	
1-Second Coeff. (F_v):	2.400	
Amplification Factor (A_s):	3.000	
Response Mod. Coeff. (R):	2.000	

INFINIGY

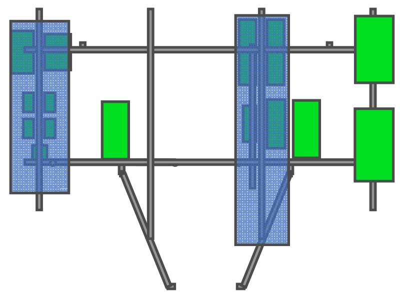
FROM ZERO TO INFINIGY

the solutions are endless

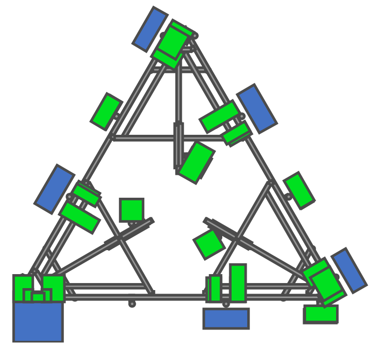
Infinigy Load Calculator V2.1.7

Program Inputs

ELEVATION VIEW



PLAN VIEW



INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless

Infinigy Load Calculator V2.1.7

APPURTENANCE INFORMATION

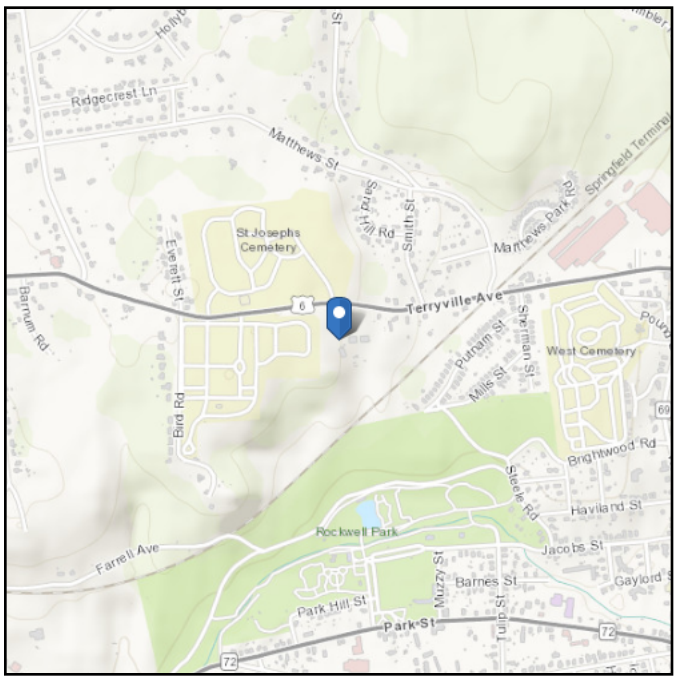
Appurtenance Name	Elevation	Qty.	K_a	q_z (psf)	EPA_N (ft^2)	EPA_T (ft^2)	Wind F_z (lbs)	Wind F_x (lbs)	Weight (lbs)	Seismic F (lbs)	Member (α sector)
CCI ANTENNAS DMP65R-BU6D	168.0	1	0.90	45.26	11.93	4.48	485.98	182.50	89.30	26.58	Leg/Flush
CCI ANTENNAS DMP65R-BU8D	168.0	1	0.90	45.26	15.86	5.95	646.07	242.38	105.60	31.43	Leg/Flush
ERICSSON AIR 6419 B77G	172.0	3	0.90	45.49	3.67	1.65	150.18	67.67	66.20	19.70	MP1
ERICSSON AIR 6449 B77D	168.0	3	0.90	45.26	3.64	1.72	148.28	70.07	81.60	24.28	MP1
MATSING MS-MBA-3.2-H4-L4	170.0	1	0.90	45.38	14.67	15.21	598.95	621.19	130.00	38.69	MP4
QUINTEL TECHNOLOGY QD6616-7	170.0	1	0.90	45.38	13.58	6.80	554.48	277.70	130.00	38.69	Leg/Flush
QUINTEL TECHNOLOGY QD8616-7	170.0	2	0.90	45.38	18.81	9.60	768.35	392.04	150.00	44.64	MP2
ERICSSON TME-RRUS 32 B2	169.0	3	0.90	45.32	2.73	1.67	111.40	68.04	52.90	15.74	MP2
ERICSSON TME-RRUS 32 B30	169.0	3	0.90	45.32	2.73	1.67	111.40	68.04	52.90	15.74	MP2
ERICSSON RRUS 4415 B25	169.0	3	0.90	45.32	1.64	0.68	67.07	27.69	44.00	13.09	MP2
ERICSSON RRUS 4426 B66	170.0	2	0.90	45.38	1.64	0.73	67.15	29.62	48.40	14.40	Leg/Flush
ERICSSON RRUS 4449 B5/B12	169.0	3	0.90	45.32	1.97	1.41	80.25	57.43	71.00	21.13	MP4
ERICSSON RRUS 8843 B2/B66A	170.0	3	0.90	45.38	1.64	1.35	66.93	55.27	72.00	21.43	MP4
ERICSSON TME-RRUS E2 B29	169.0	3	0.90	45.32	3.15	1.29	128.28	52.43	52.90	15.74	MP2
KAELUS DBC0051F3V51-2	170.0	1	0.90	45.38	0.41	0.29	16.88	11.98	12.40	3.69	MP4
KAELUS DBC0051F3V51-2	170.0	1	0.90	45.38	0.41	0.29	16.88	11.98	12.40	3.69	MP4
KAELUS DBC0051F3V51-2	170.0	1	0.90	45.38	0.41	0.29	16.88	11.98	12.40	3.69	MP4
KAELUS DBC0051F3V51-2	170.0	1	0.90	45.38	0.41	0.29	16.88	11.98	12.40	3.69	MP4
KAELUS DBC0051F3V51-2	170.0	1	0.90	45.38	0.41	0.29	16.88	11.98	12.40	3.69	MP4
RAYCAP DC6-48-60-18-8F	169.0	3	0.90	45.32	0.92	0.92	37.39	37.39	18.90	5.62	R1
RAYCAP DC6-48-60-18-8F	169.0	1	0.90	45.32	0.92	0.92	37.39	37.39	18.90	5.62	R1
RAYCAP TME-DC9-48-60-24-8C-EV	170.0	1	0.90	45.38	4.78	2.74	195.40	111.76	26.20	7.80	Leg/Flush

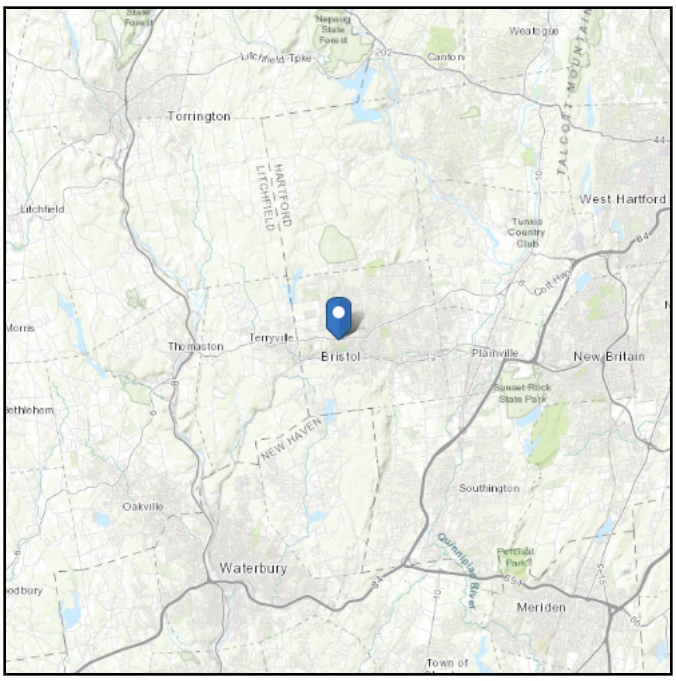
ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Stiff Soil

Elevation: 564.8 ft (NAVD 88)
Latitude: 41.679919
Longitude: -72.96255





Wind

Results:

Wind Speed	116 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	96 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Fri Dec 03 2021

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

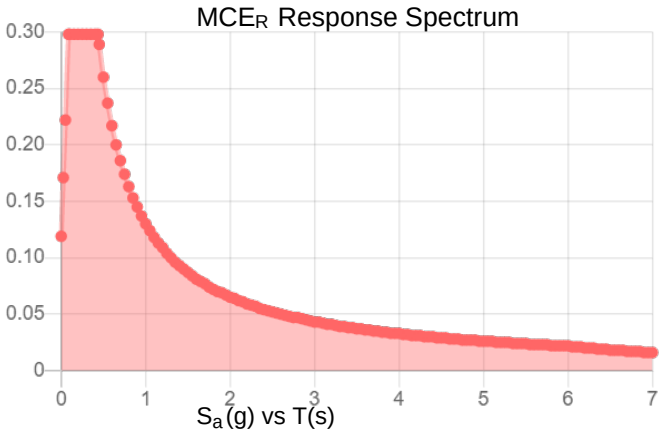
Seismic

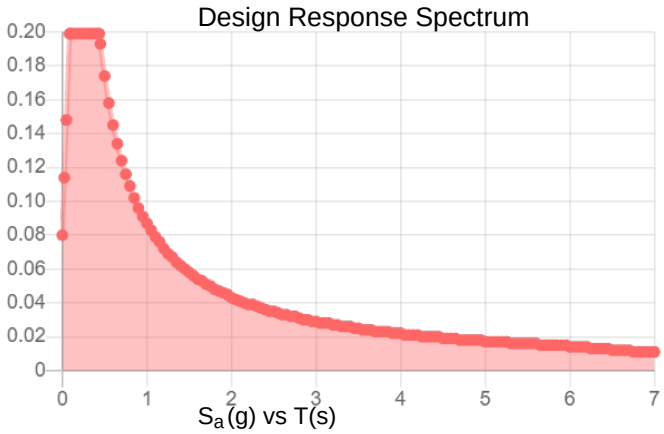
Site Soil Class: D - Stiff Soil

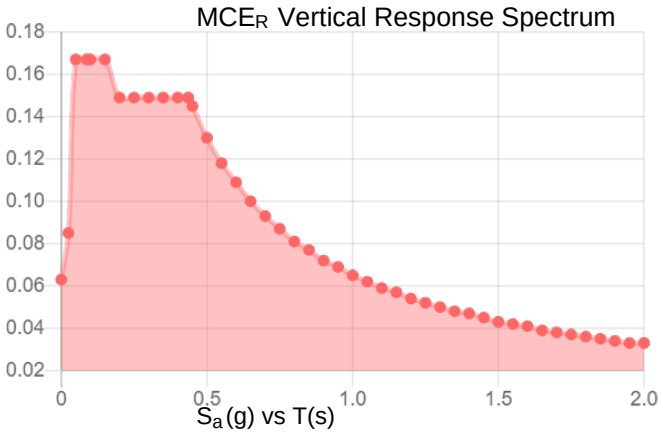
Results:

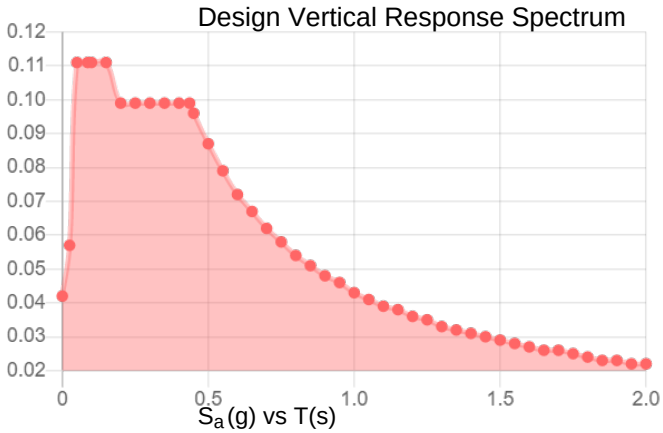
S_S :	0.186	S_{D1} :	0.087
S_1 :	0.054	T_L :	6
F_a :	1.6	PGA :	0.101
F_v :	2.4	PGA_M :	0.161
S_{MS} :	0.298	F_{PGA} :	1.598
S_{M1} :	0.13	I_e :	1
S_{DS} :	0.199	C_v :	0.7

Seismic Design Category B









Data Accessed: **Fri Dec 03 2021**

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	15 F
Gust Speed	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Fri Dec 03 2021

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

APPENDIX C

SOFTWARE ANALYSIS OUTPUT

Member Primary Data

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
1	M1	N4	N5		RIGID	None	None	RIGID	Typical
2	M2	N7	N6		RIGID	None	None	RIGID	Typical
3	MK2	N26	N6	180	Kicker Angle	VBrace	Single Angle	Q345	Typical
4	M8	N27	N26		RIGID	None	None	RIGID	Typical
5	MK3	N27	N7	90	Kicker Angle	VBrace	Single Angle	Q345	Typical
6	M17	N36	N37		Corner Plate	Beam	RECT	Q345	Typical
7	M18	N36	N85		RIGID	None	None	RIGID	Typical
8	M19	N37	N72		RIGID	None	None	RIGID	Typical
9	MS2	N39	N44		Standoff	Beam	Tube	Q235-GB	Typical
10	M22	N42	N43		Corner Plate	Beam	RECT	Q345	Typical
11	M23	N42	N73		RIGID	None	None	RIGID	Typical
12	M24	N43	N78		RIGID	None	None	RIGID	Typical
13	M25	N45	N46		Corner Plate	Beam	RECT	Q345	Typical
14	M26	N45	N79		RIGID	None	None	RIGID	Typical
15	M27	N46	N84		RIGID	None	None	RIGID	Typical
16	MH3	N48	N47		Face Horizontal	Beam	Pipe	Q235-GB	Typical
17	M29	N52	N49		Standoff	Beam	Tube	Q235-GB	Typical
18	M30	N52	N86		RIGID	None	None	RIGID	Typical
19	M31	N53	N81		RIGID	None	None	RIGID	Typical
20	M32	N54	N51		Standoff	Beam	Tube	Q235-GB	Typical
21	M33	N54	N74		RIGID	None	None	RIGID	Typical
22	M34	N55	N87		RIGID	None	None	RIGID	Typical
23	M35	N56	N50		Standoff	Beam	Tube	Q235-GB	Typical
24	M36	N56	N80		RIGID	None	None	RIGID	Typical
25	M37	N57	N75		RIGID	None	None	RIGID	Typical
26	M38	N58	N61	270	Grating Support Angle	Beam	Single Angle	Q345	Typical
27	M39	N59	N60		Grating Support Angle	Beam	Single Angle	Q345	Typical
28	M40	N62	N65	270	Grating Support Angle	Beam	Single Angle	Q345	Typical
29	M41	N63	N64		Grating Support Angle	Beam	Single Angle	Q345	Typical
30	M42	N66	N69	270	Grating Support Angle	Beam	Single Angle	Q345	Typical
31	M43	N67	N68		Grating Support Angle	Beam	Single Angle	Q345	Typical
32	M44	N71	N70		RIGID	None	None	RIGID	Typical
33	MH2	N77	N76		Face Horizontal	Beam	Pipe	Q235-GB	Typical
34	MH1	N83	N82		Face Horizontal	Beam	Pipe	Q235-GB	Typical
35	M47	N88	N25		RIGID	None	None	RIGID	Typical
36	MR3	N108	N107		Handrail	Beam	Pipe	Q235-GB	Typical
37	M53	N111	N109		RIGID	None	None	RIGID	Typical
38	MR1	N120	N119		Handrail	Beam	Pipe	Q235-GB	Typical
39	MR2	N124	N123		Handrail	Beam	Pipe	Q235-GB	Typical
40	MP4	N143	N16		Mount Pipe 2.0	Column	Pipe	Q235-GB	Typical
41	M64	N92	N91		RIGID	None	None	RIGID	Typical
42	M65	N128	N127		RIGID	None	None	RIGID	Typical
43	MP2	N144	N17		Mount Pipe 2.5	Column	Pipe	Q235-GB	Typical
44	M67	N94	N93		RIGID	None	None	RIGID	Typical
45	M68	N130	N129		RIGID	None	None	RIGID	Typical
46	MP1	N145	N18		Mount Pipe 2.0	Column	Pipe	Q235-GB	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
47	M70	N157	N156		RIGID	None	None	RIGID	Typical
48	M71	N159	N158		RIGID	None	None	RIGID	Typical
49	MP3	N160	N155		Mount Pipe 2.5	Column	Pipe	Q235-GB	Typical
50	MS1	N189	N35		Standoff	Beam	Tube	Q235-GB	Typical
51	MS3	N191	N41		Standoff	Beam	Tube	Q235-GB	Typical
52	M110	N49	N53		Standoff	Beam	Tube	Q235-GB	Typical
53	M111	N51	N55		Standoff	Beam	Tube	Q235-GB	Typical
54	M112	N50	N57		Standoff	Beam	Tube	Q235-GB	Typical
55	MK4	N197	N194	180	Kicker Angle	VBrace	Single Angle	Q345	Typical
56	MK5	N196	N195	90	Kicker Angle	VBrace	Single Angle	Q345	Typical
57	M90	N192	N193		RIGID	None	None	RIGID	Typical
58	M93	N195	N194		RIGID	None	None	RIGID	Typical
59	M94	N196	N197		RIGID	None	None	RIGID	Typical
60	M96	N198	N190		RIGID	None	None	RIGID	Typical
61	MK6	N205	N202	180	Kicker Angle	VBrace	Single Angle	Q345	Typical
62	MK1	N204	N203	90	Kicker Angle	VBrace	Single Angle	Q345	Typical
63	M99	N200	N201		RIGID	None	None	RIGID	Typical
64	M100	N203	N202		RIGID	None	None	RIGID	Typical
65	M101	N204	N205		RIGID	None	None	RIGID	Typical
66	M102	N206	N199		RIGID	None	None	RIGID	Typical
67	MP9	N139	N136		Mount Pipe 2.0	Column	Pipe	Q235-GB	Typical
68	M77	N147	N133		RIGID	None	None	RIGID	Typical
69	M78	N138	N137		RIGID	None	None	RIGID	Typical
70	M79	N141	N140		RIGID	None	None	RIGID	Typical
71	M80	N146	N132		RIGID	None	None	RIGID	Typical
72	MP12	N135	N142		Mount Pipe 2.0	Column	Pipe	Q235-GB	Typical
73	M82	N131	N151		RIGID	None	None	RIGID	Typical
74	MP11	N152	N150		Mount Pipe 2.5	Column	Pipe	Q235-GB	Typical
75	M84	N149	N148		RIGID	None	None	RIGID	Typical
76	MP10	N134	N153		Mount Pipe 2.5	Column	Pipe	Q235-GB	Typical
77	M86	N161	N154		RIGID	None	None	RIGID	Typical
78	M87	N163	N162		RIGID	None	None	RIGID	Typical
79	MP5	N172	N169		Mount Pipe 2.0	Column	Pipe	Q235-GB	Typical
80	M92	N177	N166		RIGID	None	None	RIGID	Typical
81	M95	N171	N170		RIGID	None	None	RIGID	Typical
82	M103	N174	N173		RIGID	None	None	RIGID	Typical
83	M104	N176	N165		RIGID	None	None	RIGID	Typical
84	MP8	N168	N175		Mount Pipe 2.5	Column	Pipe	Q235-GB	Typical
85	M106	N164	N181		RIGID	None	None	RIGID	Typical
86	MP7	N182	N180		Mount Pipe 2.5	Column	Pipe	Q235-GB	Typical
87	M108	N179	N178		RIGID	None	None	RIGID	Typical
88	MP6	N167	N183		Mount Pipe 2.5	Column	Pipe	Q235-GB	Typical
89	M113	N185	N184		RIGID	None	None	RIGID	Typical
90	M114	N187	N186		RIGID	None	None	RIGID	Typical
91	M115	N209	N207		RIGID	None	None	RIGID	Typical
92	M116	N210	N208		RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
93	M117	N214	N213		RIGID	None	None	RIGID	Typical
94	M118	N212	N211		RIGID	None	None	RIGID	Typical
95	M119	N218	N217		RIGID	None	None	RIGID	Typical
96	M120	N216	N215		RIGID	None	None	RIGID	Typical
97	MT1	N218	N209		Support Pipe	Beam	Pipe	Q235-GB	Typical
98	MT2	N216	N214		Support Pipe	Beam	Pipe	Q235-GB	Typical
99	MT3	N210	N212		Support Pipe	Beam	Pipe	Q235-GB	Typical
100	R2	N222	N221		Mount Pipe 2.0	Column	Pipe	Q235-GB	Typical
101	M107	N220	N219		RIGID	None	None	RIGID	Typical
102	R1	N224	N225		Mount Pipe 2.0	Column	Pipe	Q235-GB	Typical
103	M121	N223	N226		RIGID	None	None	RIGID	Typical
104	R3	N228	N229		Mount Pipe 2.0	Column	Pipe	Q235-GB	Typical
105	M123	N227	N230		RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset [in]	J Offset [in]	Physical	Deflection Ratio Options	Seismic DR
1	M1					Yes	** NA **	None
2	M2					Yes	** NA **	None
3	MK2	BenPIN	BenPIN			Yes	** NA **	None
4	M8					Yes	** NA **	None
5	MK3	BenPIN	BenPIN			Yes	** NA **	None
6	M17					Yes	N/A	None
7	M18		OOOXXO			Yes	** NA **	None
8	M19		OOOXXO			Yes	** NA **	None
9	MS2					Yes	N/A	None
10	M22					Yes	N/A	None
11	M23		OOOXXO			Yes	** NA **	None
12	M24		OOOXXO			Yes	** NA **	None
13	M25					Yes	N/A	None
14	M26		OOOXXO			Yes	** NA **	None
15	M27		OOOXXO			Yes	** NA **	None
16	MH3					Yes	N/A	None
17	M29				2	Yes	Default	None
18	M30		OOOXXO			Yes	** NA **	None
19	M31					Yes	** NA **	None
20	M32				2	Yes	Default	None
21	M33		OOOXXO			Yes	** NA **	None
22	M34		OOOXXO			Yes	** NA **	None
23	M35				2	Yes	Default	None
24	M36		OOOXXO			Yes	** NA **	None
25	M37		OOOXXO			Yes	** NA **	None
26	M38					Yes	N/A	None
27	M39					Yes	N/A	None
28	M40					Yes	N/A	None
29	M41					Yes	N/A	None
30	M42					Yes	N/A	None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset [in]	J Offset [in]	Physical	Deflection Ratio Options	Seismic DR
31	M43					Yes	N/A	None
32	M44					Yes	** NA **	None
33	MH2					Yes	N/A	None
34	MH1					Yes	N/A	None
35	M47					Yes	** NA **	None
36	MR3					Yes	N/A	None
37	M53					Yes	** NA **	None
38	MR1					Yes	N/A	None
39	MR2					Yes	N/A	None
40	MP4					Yes	** NA **	None
41	M64					Yes	** NA **	None
42	M65					Yes	** NA **	None
43	MP2					Yes	** NA **	None
44	M67					Yes	** NA **	None
45	M68					Yes	** NA **	None
46	MP1					Yes	** NA **	None
47	M70					Yes	** NA **	None
48	M71					Yes	** NA **	None
49	MP3					Yes	** NA **	None
50	MS1					Yes	N/A	None
51	MS3					Yes	N/A	None
52	M110			2		Yes	Default	None
53	M111			2		Yes	Default	None
54	M112			2		Yes	Default	None
55	MK4	BenPIN	BenPIN			Yes	** NA **	None
56	MK5	BenPIN	BenPIN			Yes	** NA **	None
57	M90					Yes	** NA **	None
58	M93					Yes	** NA **	None
59	M94					Yes	** NA **	None
60	M96					Yes	** NA **	None
61	MK6	BenPIN	BenPIN			Yes	** NA **	None
62	MK1	BenPIN	BenPIN			Yes	** NA **	None
63	M99					Yes	** NA **	None
64	M100					Yes	** NA **	None
65	M101					Yes	** NA **	None
66	M102					Yes	** NA **	None
67	MP9					Yes	** NA **	None
68	M77					Yes	** NA **	None
69	M78					Yes	** NA **	None
70	M79					Yes	** NA **	None
71	M80					Yes	** NA **	None
72	MP12					Yes	** NA **	None
73	M82					Yes	** NA **	None
74	MP11					Yes	** NA **	None
75	M84					Yes	** NA **	None
76	MP10					Yes	** NA **	None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset [in]	J Offset [in]	Physical	Deflection Ratio Options	Seismic DR
77	M86					Yes	** NA **	None
78	M87					Yes	** NA **	None
79	MP5					Yes	** NA **	None
80	M92					Yes	** NA **	None
81	M95					Yes	** NA **	None
82	M103					Yes	** NA **	None
83	M104					Yes	** NA **	None
84	MP8					Yes	** NA **	None
85	M106					Yes	** NA **	None
86	MP7					Yes	** NA **	None
87	M108					Yes	** NA **	None
88	MP6					Yes	** NA **	None
89	M113					Yes	** NA **	None
90	M114					Yes	** NA **	None
91	M115					Yes	** NA **	None
92	M116					Yes	** NA **	None
93	M117					Yes	** NA **	None
94	M118					Yes	** NA **	None
95	M119					Yes	** NA **	None
96	M120					Yes	** NA **	None
97	MT1	BenPIN	BenPIN			Yes	Default	None
98	MT2	BenPIN	BenPIN			Yes	Default	None
99	MT3	BenPIN	BenPIN			Yes	Default	None
100	R2					Yes	** NA **	None
101	M107					Yes	** NA **	None
102	R1					Yes	** NA **	None
103	M121					Yes	** NA **	None
104	R3					Yes	** NA **	None
105	M123					Yes	** NA **	None

Node Boundary Conditions

	Node 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	N39	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	N4	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
3	N189	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
4	N191	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
5	N192	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
6	N200	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Material Take-Off

	Material	Size	Pieces	Length[in]	Weight[LB]
1	General Members				
2	RIGID		57	156	0
3	Total General		57	156	0

Material Take-Off (Continued)

	Material	Size	Pieces	Length[in]	Weight[LB]
4					
5	Hot Rolled Steel				
6	Q235-GB	HSS4X4X4	9	359.8	343.853
7	Q235-GB	PIPE_3.0	3	450	264.141
8	Q235-GB	PIPE_2.0	14	1134.2	328.065
9	Q235-GB	PIPE_2.5	7	672	306.794
10	Q345	6"x0.37" Plate	3	36	22.662
11	Q345	L2.5x2.5x3	6	312.2	79.768
12	Q345	L2x2x2	6	303.1	42.203
13	Total HR Steel		48	3267.4	1387.486

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Nodal	Point	Distributed	Area(Member)
1	Self Weight	DL		-1			84		3
2	Wind Load AZI 0	WLZ					168		
3	Wind Load AZI 30	None					168		
4	Wind Load AZI 60	None					168		
5	Wind Load AZI 90	WLX					168		
6	Wind Load AZI 120	None					168		
7	Wind Load AZI 150	None					168		
8	Wind Load AZI 180	None					168		
9	Wind Load AZI 210	None					168		
10	Wind Load AZI 240	None					168		
11	Wind Load AZI 270	None					168		
12	Wind Load AZI 300	None					168		
13	Wind Load AZI 330	None					168		
14	Distr. Wind Load Z	WLZ						105	
15	Distr. Wind Load X	WLX						105	
16	Ice Weight	OL1					84	105	3
17	Ice Wind Load AZI 0	OL2					168		
18	Ice Wind Load AZI 30	None					168		
19	Ice Wind Load AZI 60	None					168		
20	Ice Wind Load AZI 90	OL3					168		
21	Ice Wind Load AZI 120	None					168		
22	Ice Wind Load AZI 150	None					168		
23	Ice Wind Load AZI 180	None					168		
24	Ice Wind Load AZI 210	None					168		
25	Ice Wind Load AZI 240	None					168		
26	Ice Wind Load AZI 270	None					168		
27	Ice Wind Load AZI 300	None					168		
28	Ice Wind Load AZI 330	None					168		
29	Distr. Ice Wind Load Z	OL2						105	
30	Distr. Ice Wind Load X	OL3						105	
31	Seismic Load Z	ELZ			-0.298		84		
32	Seismic Load X	ELX	-0.298				84		
33	Service Live Loads	LL				1			

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Nodal	Point	Distributed	Area(Member)
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						63	
47	BLC 16 Transient Area Loads	None						63	

Load Combinations

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
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	0.866	15	0.5		
4	1.2DL + 1WL AZI 60	Yes	Y	1	1.2	4	1	14	0.5	15	0.866		
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	-0.5	15	0.866		
7	1.2DL + 1WL AZI 150	Yes	Y	1	1.2	7	1	14	-0.866	15	0.5		
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	-0.866	15	-0.5		
10	1.2DL + 1WL AZI 240	Yes	Y	1	1.2	10	1	14	-0.5	15	-0.866		
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	0.5	15	-0.866		
13	1.2DL + 1WL AZI 330	Yes	Y	1	1.2	13	1	14	0.866	15	-0.5		
14	0.9DL + 1WL AZI 0	Yes	Y	1	0.9	2	1	14	1	15			
15	0.9DL + 1WL AZI 30	Yes	Y	1	0.9	3	1	14	0.866	15	0.5		
16	0.9DL + 1WL AZI 60	Yes	Y	1	0.9	4	1	14	0.5	15	0.866		
17	0.9DL + 1WL AZI 90	Yes	Y	1	0.9	5	1	14		15	1		
18	0.9DL + 1WL AZI 120	Yes	Y	1	0.9	6	1	14	-0.5	15	0.866		
19	0.9DL + 1WL AZI 150	Yes	Y	1	0.9	7	1	14	-0.866	15	0.5		
20	0.9DL + 1WL AZI 180	Yes	Y	1	0.9	8	1	14	-1	15			
21	0.9DL + 1WL AZI 210	Yes	Y	1	0.9	9	1	14	-0.866	15	-0.5		
22	0.9DL + 1WL AZI 240	Yes	Y	1	0.9	10	1	14	-0.5	15	-0.866		
23	0.9DL + 1WL AZI 270	Yes	Y	1	0.9	11	1	14		15	-1		
24	0.9DL + 1WL AZI 300	Yes	Y	1	0.9	12	1	14	0.5	15	-0.866		
25	0.9DL + 1WL AZI 330	Yes	Y	1	0.9	13	1	14	0.866	15	-0.5		
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	0.866	30	0.5
29	1.2D + 1.0Di +1.0Wi AZI 60	Yes	Y	1	1.2	16	1	19	1	29	0.5	30	0.866

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
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	-0.5	30	0.866
32	1.2D + 1.0Di +1.0Wi AZI 150	Yes	Y	1	1.2	16	1	22	1	29	-0.866	30	0.5
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	-0.866	30	-0.5
35	1.2D + 1.0Di +1.0Wi AZI 240	Yes	Y	1	1.2	16	1	25	1	29	-0.5	30	-0.866
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	0.5	30	-0.866
38	1.2D + 1.0Di +1.0Wi AZI 330	Yes	Y	1	1.2	16	1	28	1	29	0.866	30	-0.5
39	(1.2 + 0.2Sds)DL + 1.0E AZI 0	Yes	Y	1	1.24	31	1	32					
40	(1.2 + 0.2Sds)DL + 1.0E AZI 30	Yes	Y	1	1.24	31	0.866	32	0.5				
41	(1.2 + 0.2Sds)DL + 1.0E AZI 60	Yes	Y	1	1.24	31	0.5	32	0.866				
42	(1.2 + 0.2Sds)DL + 1.0E AZI 90	Yes	Y	1	1.24	31		32	1				
43	(1.2 + 0.2Sds)DL + 1.0E AZI 120	Yes	Y	1	1.24	31	-0.5	32	0.866				
44	(1.2 + 0.2Sds)DL + 1.0E AZI 150	Yes	Y	1	1.24	31	-0.866	32	0.5				
45	(1.2 + 0.2Sds)DL + 1.0E AZI 180	Yes	Y	1	1.24	31	-1	32					
46	(1.2 + 0.2Sds)DL + 1.0E AZI 210	Yes	Y	1	1.24	31	-0.866	32	-0.5				
47	(1.2 + 0.2Sds)DL + 1.0E AZI 240	Yes	Y	1	1.24	31	-0.5	32	-0.866				
48	(1.2 + 0.2Sds)DL + 1.0E AZI 270	Yes	Y	1	1.24	31		32	-1				
49	(1.2 + 0.2Sds)DL + 1.0E AZI 300	Yes	Y	1	1.24	31	0.5	32	-0.866				
50	(1.2 + 0.2Sds)DL + 1.0E AZI 330	Yes	Y	1	1.24	31	0.866	32	-0.5				
51	(0.9 - 0.2Sds)DL + 1.0E AZI 0	Yes	Y	1	0.86	31	1	32					
52	(0.9 - 0.2Sds)DL + 1.0E AZI 30	Yes	Y	1	0.86	31	0.866	32	0.5				
53	(0.9 - 0.2Sds)DL + 1.0E AZI 60	Yes	Y	1	0.86	31	0.5	32	0.866				
54	(0.9 - 0.2Sds)DL + 1.0E AZI 90	Yes	Y	1	0.86	31		32	1				
55	(0.9 - 0.2Sds)DL + 1.0E AZI 120	Yes	Y	1	0.86	31	-0.5	32	0.866				
56	(0.9 - 0.2Sds)DL + 1.0E AZI 150	Yes	Y	1	0.86	31	-0.866	32	0.5				
57	(0.9 - 0.2Sds)DL + 1.0E AZI 180	Yes	Y	1	0.86	31	-1	32					
58	(0.9 - 0.2Sds)DL + 1.0E AZI 210	Yes	Y	1	0.86	31	-0.866	32	-0.5				
59	(0.9 - 0.2Sds)DL + 1.0E AZI 240	Yes	Y	1	0.86	31	-0.5	32	-0.866				
60	(0.9 - 0.2Sds)DL + 1.0E AZI 270	Yes	Y	1	0.86	31		32	-1				
61	(0.9 - 0.2Sds)DL + 1.0E AZI 300	Yes	Y	1	0.86	31	0.5	32	-0.866				
62	(0.9 - 0.2Sds)DL + 1.0E AZI 330	Yes	Y	1	0.86	31	0.866	32	-0.5				
63	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 0	Yes	Y	1	1	2	0.268	14	0.268	15		33	1.5
64	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 30	Yes	Y	1	1	3	0.268	14	0.232	15	0.134	33	1.5
65	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 60	Yes	Y	1	1	4	0.268	14	0.134	15	0.232	33	1.5
66	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 90	Yes	Y	1	1	5	0.268	14		15	0.268	33	1.5
67	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 120	Yes	Y	1	1	6	0.268	14	-0.134	15	0.232	33	1.5
68	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 150	Yes	Y	1	1	7	0.268	14	-0.232	15	0.134	33	1.5
69	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 180	Yes	Y	1	1	8	0.268	14	-0.268	15		33	1.5
70	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 210	Yes	Y	1	1	9	0.268	14	-0.232	15	-0.134	33	1.5
71	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 240	Yes	Y	1	1	10	0.268	14	-0.134	15	-0.232	33	1.5
72	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 270	Yes	Y	1	1	11	0.268	14		15	-0.268	33	1.5
73	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 300	Yes	Y	1	1	12	0.268	14	0.134	15	-0.232	33	1.5
74	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 330	Yes	Y	1	1	13	0.268	14	0.232	15	-0.134	33	1.5
75	1.2DL + 1.5LL	Yes	Y	1	1.2	33	1.5						

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
76	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	34	1.5	2	0.067	14	0.067	15	
77	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	34	1.5	3	0.067	14	0.058	15	0.033
78	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	34	1.5	4	0.067	14	0.033	15	0.058
79	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	34	1.5	5	0.067	14		15	0.067
80	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	34	1.5	6	0.067	14	-0.033	15	0.058
81	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	34	1.5	7	0.067	14	-0.058	15	0.033
82	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	34	1.5	8	0.067	14	-0.067	15	
83	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	34	1.5	9	0.067	14	-0.058	15	-0.033
84	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	34	1.5	10	0.067	14	-0.033	15	-0.058
85	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	34	1.5	11	0.067	14		15	-0.067
86	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	34	1.5	12	0.067	14	0.033	15	-0.058
87	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	34	1.5	13	0.067	14	0.058	15	-0.033
88	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	35	1.5	2	0.067	14	0.067	15	
89	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	35	1.5	3	0.067	14	0.058	15	0.033
90	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	35	1.5	4	0.067	14	0.033	15	0.058
91	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	35	1.5	5	0.067	14		15	0.067
92	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	35	1.5	6	0.067	14	-0.033	15	0.058
93	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	35	1.5	7	0.067	14	-0.058	15	0.033
94	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	35	1.5	8	0.067	14	-0.067	15	
95	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	35	1.5	9	0.067	14	-0.058	15	-0.033
96	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	35	1.5	10	0.067	14	-0.033	15	-0.058
97	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	35	1.5	11	0.067	14		15	-0.067
98	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	35	1.5	12	0.067	14	0.033	15	-0.058
99	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	35	1.5	13	0.067	14	0.058	15	-0.033
100	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	36	1.5	2	0.067	14	0.067	15	
101	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	36	1.5	3	0.067	14	0.058	15	0.033
102	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	36	1.5	4	0.067	14	0.033	15	0.058
103	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	36	1.5	5	0.067	14		15	0.067
104	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	36	1.5	6	0.067	14	-0.033	15	0.058
105	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	36	1.5	7	0.067	14	-0.058	15	0.033
106	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	36	1.5	8	0.067	14	-0.067	15	
107	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	36	1.5	9	0.067	14	-0.058	15	-0.033
108	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	36	1.5	10	0.067	14	-0.033	15	-0.058
109	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	36	1.5	11	0.067	14		15	-0.067
110	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	36	1.5	12	0.067	14	0.033	15	-0.058
111	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	36	1.5	13	0.067	14	0.058	15	-0.033
112	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	37	1.5	2	0.067	14	0.067	15	
113	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	37	1.5	3	0.067	14	0.058	15	0.033
114	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	37	1.5	4	0.067	14	0.033	15	0.058
115	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	37	1.5	5	0.067	14		15	0.067
116	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	37	1.5	6	0.067	14	-0.033	15	0.058
117	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	37	1.5	7	0.067	14	-0.058	15	0.033
118	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	37	1.5	8	0.067	14	-0.067	15	
119	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	37	1.5	9	0.067	14	-0.058	15	-0.033
120	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	37	1.5	10	0.067	14	-0.033	15	-0.058
121	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	37	1.5	11	0.067	14		15	-0.067

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
122	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	37	1.5	12	0.067	14	0.033	15	-0.058
123	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	37	1.5	13	0.067	14	0.058	15	-0.033
124	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	38	1.5	2	0.067	14	0.067	15	
125	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	38	1.5	3	0.067	14	0.058	15	0.033
126	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	38	1.5	4	0.067	14	0.033	15	0.058
127	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	38	1.5	5	0.067	14		15	0.067
128	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	38	1.5	6	0.067	14	-0.033	15	0.058
129	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	38	1.5	7	0.067	14	-0.058	15	0.033
130	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	38	1.5	8	0.067	14	-0.067	15	
131	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	38	1.5	9	0.067	14	-0.058	15	-0.033
132	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	38	1.5	10	0.067	14	-0.033	15	-0.058
133	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	38	1.5	11	0.067	14		15	-0.067
134	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	38	1.5	12	0.067	14	0.033	15	-0.058
135	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	38	1.5	13	0.067	14	0.058	15	-0.033
136	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	39	1.5	2	0.067	14	0.067	15	
137	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	39	1.5	3	0.067	14	0.058	15	0.033
138	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	39	1.5	4	0.067	14	0.033	15	0.058
139	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	39	1.5	5	0.067	14		15	0.067
140	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	39	1.5	6	0.067	14	-0.033	15	0.058
141	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	39	1.5	7	0.067	14	-0.058	15	0.033
142	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	39	1.5	8	0.067	14	-0.067	15	
143	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	39	1.5	9	0.067	14	-0.058	15	-0.033
144	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	39	1.5	10	0.067	14	-0.033	15	-0.058
145	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	39	1.5	11	0.067	14		15	-0.067
146	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	39	1.5	12	0.067	14	0.033	15	-0.058
147	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	39	1.5	13	0.067	14	0.058	15	-0.033
148	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	40	1.5	2	0.067	14	0.067	15	
149	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	40	1.5	3	0.067	14	0.058	15	0.033
150	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	40	1.5	4	0.067	14	0.033	15	0.058
151	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	40	1.5	5	0.067	14		15	0.067
152	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	40	1.5	6	0.067	14	-0.033	15	0.058
153	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	40	1.5	7	0.067	14	-0.058	15	0.033
154	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	40	1.5	8	0.067	14	-0.067	15	
155	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	40	1.5	9	0.067	14	-0.058	15	-0.033
156	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	40	1.5	10	0.067	14	-0.033	15	-0.058
157	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	40	1.5	11	0.067	14		15	-0.067
158	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	40	1.5	12	0.067	14	0.033	15	-0.058
159	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	40	1.5	13	0.067	14	0.058	15	-0.033
160	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	41	1.5	2	0.067	14	0.067	15	
161	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	41	1.5	3	0.067	14	0.058	15	0.033
162	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	41	1.5	4	0.067	14	0.033	15	0.058
163	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	41	1.5	5	0.067	14		15	0.067
164	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	41	1.5	6	0.067	14	-0.033	15	0.058
165	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	41	1.5	7	0.067	14	-0.058	15	0.033
166	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	41	1.5	8	0.067	14	-0.067	15	
167	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	41	1.5	9	0.067	14	-0.058	15	-0.033

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
168	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	41	1.5	10	0.067	14	-0.033	15	-0.058
169	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	41	1.5	11	0.067	14		15	-0.067
170	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	41	1.5	12	0.067	14	0.033	15	-0.058
171	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	41	1.5	13	0.067	14	0.058	15	-0.033
172	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	42	1.5	2	0.067	14	0.067	15	
173	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	42	1.5	3	0.067	14	0.058	15	0.033
174	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	42	1.5	4	0.067	14	0.033	15	0.058
175	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	42	1.5	5	0.067	14		15	0.067
176	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	42	1.5	6	0.067	14	-0.033	15	0.058
177	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	42	1.5	7	0.067	14	-0.058	15	0.033
178	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	42	1.5	8	0.067	14	-0.067	15	
179	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	42	1.5	9	0.067	14	-0.058	15	-0.033
180	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	42	1.5	10	0.067	14	-0.033	15	-0.058
181	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	42	1.5	11	0.067	14		15	-0.067
182	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	42	1.5	12	0.067	14	0.033	15	-0.058
183	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	42	1.5	13	0.067	14	0.058	15	-0.033
184	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	43	1.5	2	0.067	14	0.067	15	
185	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	43	1.5	3	0.067	14	0.058	15	0.033
186	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	43	1.5	4	0.067	14	0.033	15	0.058
187	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	43	1.5	5	0.067	14		15	0.067
188	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	43	1.5	6	0.067	14	-0.033	15	0.058
189	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	43	1.5	7	0.067	14	-0.058	15	0.033
190	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	43	1.5	8	0.067	14	-0.067	15	
191	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	43	1.5	9	0.067	14	-0.058	15	-0.033
192	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	43	1.5	10	0.067	14	-0.033	15	-0.058
193	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	43	1.5	11	0.067	14		15	-0.067
194	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	43	1.5	12	0.067	14	0.033	15	-0.058
195	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	43	1.5	13	0.067	14	0.058	15	-0.033
196	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	44	1.5	2	0.067	14	0.067	15	
197	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	44	1.5	3	0.067	14	0.058	15	0.033
198	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	44	1.5	4	0.067	14	0.033	15	0.058
199	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	44	1.5	5	0.067	14		15	0.067
200	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	44	1.5	6	0.067	14	-0.033	15	0.058
201	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	44	1.5	7	0.067	14	-0.058	15	0.033
202	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	44	1.5	8	0.067	14	-0.067	15	
203	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	44	1.5	9	0.067	14	-0.058	15	-0.033
204	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	44	1.5	10	0.067	14	-0.033	15	-0.058
205	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	44	1.5	11	0.067	14		15	-0.067
206	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	44	1.5	12	0.067	14	0.033	15	-0.058
207	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	44	1.5	13	0.067	14	0.058	15	-0.033
208	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	45	1.5	2	0.067	14	0.067	15	
209	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	45	1.5	3	0.067	14	0.058	15	0.033
210	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	45	1.5	4	0.067	14	0.033	15	0.058
211	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	45	1.5	5	0.067	14		15	0.067
212	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	45	1.5	6	0.067	14	-0.033	15	0.058
213	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	45	1.5	7	0.067	14	-0.058	15	0.033

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
214	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	45	1.5	8	0.067	14	-0.067	15	
215	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	45	1.5	9	0.067	14	-0.058	15	-0.033
216	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	45	1.5	10	0.067	14	-0.033	15	-0.058
217	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	45	1.5	11	0.067	14		15	-0.067
218	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	45	1.5	12	0.067	14	0.033	15	-0.058

Member Point Loads (BLC 1 : Self Weight)

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	Y	-33.1	6
2	MP1	Y	-33.1	34
3	MP1	Y	-40.8	46
4	MP1	Y	-40.8	76
5	MP4	Y	-65	6
6	MP4	Y	-65	78
7	MP2	Y	-75	6
8	MP2	Y	-75	90
9	MP2	Y	-26.45	18
10	MP2	Y	-26.45	45
11	MP2	Y	-26.45	18
12	MP2	Y	-26.45	45
13	MP2	Y	-22	48
14	MP2	Y	-22	63
15	MP4	Y	-35.5	18
16	MP4	Y	-35.5	36
17	MP4	Y	-36	18
18	MP4	Y	-36	33
19	MP2	Y	-26.45	48
20	MP2	Y	-26.45	68
21	MP4	Y	-6.2	39
22	MP4	Y	-6.2	47
23	MP4	Y	-6.2	39
24	MP4	Y	-6.2	47
25	MP4	Y	-6.2	50
26	MP4	Y	-6.2	58
27	MP4	Y	-6.2	50
28	MP4	Y	-6.2	58
29	MP4	Y	-6.2	61
30	MP4	Y	-6.2	69
31	R1	Y	-9.45	30
32	R1	Y	-9.45	30
33	R1	Y	-9.45	42
34	R1	Y	-9.45	42
35	MP8	Y	-52.8	6
36	MP8	Y	-52.8	90
37	MP7	Y	-33.1	6
38	MP7	Y	-33.1	34

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
39	MP7	Y	-40.8	46
40	MP7	Y	-40.8	76
41	MP6	Y	-75	6
42	MP6	Y	-75	90
43	MP6	Y	-26.45	18
44	MP6	Y	-26.45	45
45	MP8	Y	-26.45	18
46	MP8	Y	-26.45	45
47	MP6	Y	-22	48
48	MP6	Y	-22	63
49	MP6	Y	-24.2	18
50	MP6	Y	-24.2	33
51	MP8	Y	-35.5	18
52	MP8	Y	-35.5	36
53	MP8	Y	-36	48
54	MP8	Y	-36	63
55	MP6	Y	-26.45	48
56	MP6	Y	-26.45	68
57	R2	Y	-9.45	30
58	R2	Y	-9.45	30
59	R2	Y	-13.1	24
60	R2	Y	-13.1	24
61	MP12	Y	-44.65	6
62	MP12	Y	-44.65	78
63	MP11	Y	-33.1	6
64	MP11	Y	-33.1	34
65	MP11	Y	-40.8	46
66	MP11	Y	-40.8	76
67	MP10	Y	-65	6
68	MP10	Y	-65	78
69	MP10	Y	-26.45	18
70	MP10	Y	-26.45	45
71	MP12	Y	-26.45	18
72	MP12	Y	-26.45	45
73	MP10	Y	-22	48
74	MP10	Y	-22	63
75	MP10	Y	-24.2	18
76	MP10	Y	-24.2	33
77	MP12	Y	-35.5	18
78	MP12	Y	-35.5	36
79	MP12	Y	-36	48
80	MP12	Y	-36	63
81	MP10	Y	-26.45	48
82	MP10	Y	-26.45	68
83	R3	Y	-9.45	30
84	R3	Y	-9.45	30

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

Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	0	6
2	MP1	Z	-75.09	6
3	MP1	X	0	34
4	MP1	Z	-75.09	34
5	MP1	X	0	46
6	MP1	Z	-74.14	46
7	MP1	X	0	76
8	MP1	Z	-74.14	76
9	MP4	X	0	6
10	MP4	Z	-299.48	6
11	MP4	X	0	78
12	MP4	Z	-299.48	78
13	MP2	X	0	6
14	MP2	Z	-384.18	6
15	MP2	X	0	90
16	MP2	Z	-384.18	90
17	MP2	X	0	18
18	MP2	Z	-55.7	18
19	MP2	X	0	45
20	MP2	Z	-55.7	45
21	MP2	X	0	18
22	MP2	Z	-55.7	18
23	MP2	X	0	45
24	MP2	Z	-55.7	45
25	MP2	X	0	48
26	MP2	Z	-33.53	48
27	MP2	X	0	63
28	MP2	Z	-33.53	63
29	MP4	X	0	18
30	MP4	Z	-40.12	18
31	MP4	X	0	36
32	MP4	Z	-40.12	36
33	MP4	X	0	18
34	MP4	Z	-33.47	18
35	MP4	X	0	33
36	MP4	Z	-33.47	33
37	MP2	X	0	48
38	MP2	Z	-64.14	48
39	MP2	X	0	68
40	MP2	Z	-64.14	68
41	MP4	X	0	39
42	MP4	Z	-8.44	39
43	MP4	X	0	47
44	MP4	Z	-8.44	47
45	MP4	X	0	39
46	MP4	Z	-8.44	39

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP4	X	0	47
48	MP4	Z	-8.44	47
49	MP4	X	0	50
50	MP4	Z	-8.44	50
51	MP4	X	0	58
52	MP4	Z	-8.44	58
53	MP4	X	0	50
54	MP4	Z	-8.44	50
55	MP4	X	0	58
56	MP4	Z	-8.44	58
57	MP4	X	0	61
58	MP4	Z	-8.44	61
59	MP4	X	0	69
60	MP4	Z	-8.44	69
61	R1	X	0	30
62	R1	Z	-18.69	30
63	R1	X	0	30
64	R1	Z	-18.69	30
65	R1	X	0	42
66	R1	Z	-18.69	42
67	R1	X	0	42
68	R1	Z	-18.69	42
69	MP8	X	0	6
70	MP8	Z	-171.65	6
71	MP8	X	0	90
72	MP8	Z	-171.65	90
73	MP7	X	0	6
74	MP7	Z	-44.15	6
75	MP7	X	0	34
76	MP7	Z	-44.15	34
77	MP7	X	0	46
78	MP7	Z	-44.81	46
79	MP7	X	0	76
80	MP7	Z	-44.81	76
81	MP6	X	0	6
82	MP6	Z	-243.06	6
83	MP6	X	0	90
84	MP6	Z	-243.06	90
85	MP6	X	0	18
86	MP6	Z	-39.44	18
87	MP6	X	0	45
88	MP6	Z	-39.44	45
89	MP8	X	0	18
90	MP8	Z	-39.44	18
91	MP8	X	0	45
92	MP8	Z	-39.44	45

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
93	MP6	X	0	48
94	MP6	Z	-18.77	48
95	MP6	X	0	63
96	MP6	Z	-18.77	63
97	MP6	X	0	18
98	MP6	Z	-19.5	18
99	MP6	X	0	33
100	MP6	Z	-19.5	33
101	MP8	X	0	18
102	MP8	Z	-31.57	18
103	MP8	X	0	36
104	MP8	Z	-31.57	36
105	MP8	X	0	48
106	MP8	Z	-29.09	48
107	MP8	X	0	63
108	MP8	Z	-29.09	63
109	MP6	X	0	48
110	MP6	Z	-35.69	48
111	MP6	X	0	68
112	MP6	Z	-35.69	68
113	R2	X	0	30
114	R2	Z	-18.69	30
115	R2	X	0	30
116	R2	Z	-18.69	30
117	R2	X	0	24
118	R2	Z	-66.33	24
119	R2	X	0	24
120	R2	Z	-66.33	24
121	MP12	X	0	6
122	MP12	Z	-129.18	6
123	MP12	X	0	78
124	MP12	Z	-129.18	78
125	MP11	X	0	6
126	MP11	Z	-44.15	6
127	MP11	X	0	34
128	MP11	Z	-44.15	34
129	MP11	X	0	46
130	MP11	Z	-44.81	46
131	MP11	X	0	76
132	MP11	Z	-44.81	76
133	MP10	X	0	6
134	MP10	Z	-173.45	6
135	MP10	X	0	78
136	MP10	Z	-173.45	78
137	MP10	X	0	18
138	MP10	Z	-39.44	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
139	MP10	X	0	45
140	MP10	Z	-39.44	45
141	MP12	X	0	18
142	MP12	Z	-39.44	18
143	MP12	X	0	45
144	MP12	Z	-39.44	45
145	MP10	X	0	48
146	MP10	Z	-18.77	48
147	MP10	X	0	63
148	MP10	Z	-18.77	63
149	MP10	X	0	18
150	MP10	Z	-19.5	18
151	MP10	X	0	33
152	MP10	Z	-19.5	33
153	MP12	X	0	18
154	MP12	Z	-31.57	18
155	MP12	X	0	36
156	MP12	Z	-31.57	36
157	MP12	X	0	48
158	MP12	Z	-29.09	48
159	MP12	X	0	63
160	MP12	Z	-29.09	63
161	MP10	X	0	48
162	MP10	Z	-35.69	48
163	MP10	X	0	68
164	MP10	Z	-35.69	68
165	R3	X	0	30
166	R3	Z	-18.69	30
167	R3	X	0	30
168	R3	Z	-18.69	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	-32.39	6
2	MP1	Z	-56.1	6
3	MP1	X	-32.39	34
4	MP1	Z	-56.1	34
5	MP1	X	-32.18	46
6	MP1	Z	-55.74	46
7	MP1	X	-32.18	76
8	MP1	Z	-55.74	76
9	MP4	X	-151.13	6
10	MP4	Z	-261.76	6
11	MP4	X	-151.13	78
12	MP4	Z	-261.76	78
13	MP2	X	-168.57	6

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
14	MP2	Z	-291.97	6
15	MP2	X	-168.57	90
16	MP2	Z	-291.97	90
17	MP2	X	-25.14	18
18	MP2	Z	-43.54	18
19	MP2	X	-25.14	45
20	MP2	Z	-43.54	45
21	MP2	X	-25.14	18
22	MP2	Z	-43.54	18
23	MP2	X	-25.14	45
24	MP2	Z	-43.54	45
25	MP2	X	-14.31	48
26	MP2	Z	-24.78	48
27	MP2	X	-14.31	63
28	MP2	Z	-24.78	63
29	MP4	X	-18.64	18
30	MP4	Z	-32.28	18
31	MP4	X	-18.64	36
32	MP4	Z	-32.28	36
33	MP4	X	-16	18
34	MP4	Z	-27.72	18
35	MP4	X	-16	33
36	MP4	Z	-27.72	33
37	MP2	X	-27.33	48
38	MP2	Z	-47.33	48
39	MP2	X	-27.33	68
40	MP2	Z	-47.33	68
41	MP4	X	-3.91	39
42	MP4	Z	-6.78	39
43	MP4	X	-3.91	47
44	MP4	Z	-6.78	47
45	MP4	X	-3.91	39
46	MP4	Z	-6.78	39
47	MP4	X	-3.91	47
48	MP4	Z	-6.78	47
49	MP4	X	-3.91	50
50	MP4	Z	-6.78	50
51	MP4	X	-3.91	58
52	MP4	Z	-6.78	58
53	MP4	X	-3.91	50
54	MP4	Z	-6.78	50
55	MP4	X	-3.91	58
56	MP4	Z	-6.78	58
57	MP4	X	-3.91	61
58	MP4	Z	-6.78	61
59	MP4	X	-3.91	69

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
60	MP4	Z	-6.78	69
61	R1	X	-9.35	30
62	R1	Z	-16.19	30
63	R1	X	-9.35	30
64	R1	Z	-16.19	30
65	R1	X	-9.35	42
66	R1	Z	-16.19	42
67	R1	X	-9.35	42
68	R1	Z	-16.19	42
69	MP8	X	-136.29	6
70	MP8	Z	-236.06	6
71	MP8	X	-136.29	90
72	MP8	Z	-236.06	90
73	MP7	X	-32.39	6
74	MP7	Z	-56.1	6
75	MP7	X	-32.39	34
76	MP7	Z	-56.1	34
77	MP7	X	-32.18	46
78	MP7	Z	-55.74	46
79	MP7	X	-32.18	76
80	MP7	Z	-55.74	76
81	MP6	X	-168.57	6
82	MP6	Z	-291.97	6
83	MP6	X	-168.57	90
84	MP6	Z	-291.97	90
85	MP6	X	-25.14	18
86	MP6	Z	-43.54	18
87	MP6	X	-25.14	45
88	MP6	Z	-43.54	45
89	MP8	X	-25.14	18
90	MP8	Z	-43.54	18
91	MP8	X	-25.14	45
92	MP8	Z	-43.54	45
93	MP6	X	-14.31	48
94	MP6	Z	-24.78	48
95	MP6	X	-14.31	63
96	MP6	Z	-24.78	63
97	MP6	X	-14.44	18
98	MP6	Z	-25.01	18
99	MP6	X	-14.44	33
100	MP6	Z	-25.01	33
101	MP8	X	-18.64	18
102	MP8	Z	-32.28	18
103	MP8	X	-18.64	36
104	MP8	Z	-32.28	36
105	MP8	X	-16	48

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
106	MP8	Z	-27.72	48
107	MP8	X	-16	63
108	MP8	Z	-27.72	63
109	MP6	X	-27.33	48
110	MP6	Z	-47.33	48
111	MP6	X	-27.33	68
112	MP6	Z	-47.33	68
113	R2	X	-9.35	30
114	R2	Z	-16.19	30
115	R2	X	-9.35	30
116	R2	Z	-16.19	30
117	R2	X	-43.62	24
118	R2	Z	-75.56	24
119	R2	X	-43.62	24
120	R2	Z	-75.56	24
121	MP12	X	-45.62	6
122	MP12	Z	-79.02	6
123	MP12	X	-45.62	78
124	MP12	Z	-79.02	78
125	MP11	X	-16.92	6
126	MP11	Z	-29.3	6
127	MP11	X	-16.92	34
128	MP11	Z	-29.3	34
129	MP11	X	-17.52	46
130	MP11	Z	-30.34	46
131	MP11	X	-17.52	76
132	MP11	Z	-30.34	76
133	MP10	X	-69.42	6
134	MP10	Z	-120.25	6
135	MP10	X	-69.42	78
136	MP10	Z	-120.25	78
137	MP10	X	-17.01	18
138	MP10	Z	-29.46	18
139	MP10	X	-17.01	45
140	MP10	Z	-29.46	45
141	MP12	X	-17.01	18
142	MP12	Z	-29.46	18
143	MP12	X	-17.01	45
144	MP12	Z	-29.46	45
145	MP10	X	-6.92	48
146	MP10	Z	-11.99	48
147	MP10	X	-6.92	63
148	MP10	Z	-11.99	63
149	MP10	X	-7.4	18
150	MP10	Z	-12.82	18
151	MP10	X	-7.4	33

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
152	MP10	Z	-12.82	33
153	MP12	X	-14.36	18
154	MP12	Z	-24.87	18
155	MP12	X	-14.36	36
156	MP12	Z	-24.87	36
157	MP12	X	-13.82	48
158	MP12	Z	-23.93	48
159	MP12	X	-13.82	63
160	MP12	Z	-23.93	63
161	MP10	X	-13.11	48
162	MP10	Z	-22.7	48
163	MP10	X	-13.11	68
164	MP10	Z	-22.7	68
165	R3	X	-9.35	30
166	R3	Z	-16.19	30
167	R3	X	-9.35	30
168	R3	Z	-16.19	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	-38.23	6
2	MP1	Z	-22.07	6
3	MP1	X	-38.23	34
4	MP1	Z	-22.07	34
5	MP1	X	-38.81	46
6	MP1	Z	-22.4	46
7	MP1	X	-38.81	76
8	MP1	Z	-22.4	76
9	MP4	X	-266.57	6
10	MP4	Z	-153.91	6
11	MP4	X	-266.57	78
12	MP4	Z	-153.91	78
13	MP2	X	-210.5	6
14	MP2	Z	-121.53	6
15	MP2	X	-210.5	90
16	MP2	Z	-121.53	90
17	MP2	X	-34.16	18
18	MP2	Z	-19.72	18
19	MP2	X	-34.16	45
20	MP2	Z	-19.72	45
21	MP2	X	-34.16	18
22	MP2	Z	-19.72	18
23	MP2	X	-34.16	45
24	MP2	Z	-19.72	45
25	MP2	X	-16.25	48
26	MP2	Z	-9.38	48

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
27	MP2	X	-16.25	63
28	MP2	Z	-9.38	63
29	MP4	X	-27.34	18
30	MP4	Z	-15.78	18
31	MP4	X	-27.34	36
32	MP4	Z	-15.78	36
33	MP4	X	-25.2	18
34	MP4	Z	-14.55	18
35	MP4	X	-25.2	33
36	MP4	Z	-14.55	33
37	MP2	X	-30.91	48
38	MP2	Z	-17.85	48
39	MP2	X	-30.91	68
40	MP2	Z	-17.85	68
41	MP4	X	-5.72	39
42	MP4	Z	-3.3	39
43	MP4	X	-5.72	47
44	MP4	Z	-3.3	47
45	MP4	X	-5.72	39
46	MP4	Z	-3.3	39
47	MP4	X	-5.72	47
48	MP4	Z	-3.3	47
49	MP4	X	-5.72	50
50	MP4	Z	-3.3	50
51	MP4	X	-5.72	58
52	MP4	Z	-3.3	58
53	MP4	X	-5.72	50
54	MP4	Z	-3.3	50
55	MP4	X	-5.72	58
56	MP4	Z	-3.3	58
57	MP4	X	-5.72	61
58	MP4	Z	-3.3	61
59	MP4	X	-5.72	69
60	MP4	Z	-3.3	69
61	R1	X	-16.19	30
62	R1	Z	-9.35	30
63	R1	X	-16.19	30
64	R1	Z	-9.35	30
65	R1	X	-16.19	42
66	R1	Z	-9.35	42
67	R1	X	-16.19	42
68	R1	Z	-9.35	42
69	MP8	X	-279.76	6
70	MP8	Z	-161.52	6
71	MP8	X	-279.76	90
72	MP8	Z	-161.52	90

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
73	MP7	X	-65.03	6
74	MP7	Z	-37.54	6
75	MP7	X	-65.03	34
76	MP7	Z	-37.54	34
77	MP7	X	-64.21	46
78	MP7	Z	-37.07	46
79	MP7	X	-64.21	76
80	MP7	Z	-37.07	76
81	MP6	X	-332.71	6
82	MP6	Z	-192.09	6
83	MP6	X	-332.71	90
84	MP6	Z	-192.09	90
85	MP6	X	-48.24	18
86	MP6	Z	-27.85	18
87	MP6	X	-48.24	45
88	MP6	Z	-27.85	45
89	MP8	X	-48.24	18
90	MP8	Z	-27.85	18
91	MP8	X	-48.24	45
92	MP8	Z	-27.85	45
93	MP6	X	-29.04	48
94	MP6	Z	-16.77	48
95	MP6	X	-29.04	63
96	MP6	Z	-16.77	63
97	MP6	X	-29.08	18
98	MP6	Z	-16.79	18
99	MP6	X	-29.08	33
100	MP6	Z	-16.79	33
101	MP8	X	-34.75	18
102	MP8	Z	-20.06	18
103	MP8	X	-34.75	36
104	MP8	Z	-20.06	36
105	MP8	X	-28.98	48
106	MP8	Z	-16.73	48
107	MP8	X	-28.98	63
108	MP8	Z	-16.73	63
109	MP6	X	-55.54	48
110	MP6	Z	-32.07	48
111	MP6	X	-55.54	68
112	MP6	Z	-32.07	68
113	R2	X	-16.19	30
114	R2	Z	-9.35	30
115	R2	X	-16.19	30
116	R2	Z	-9.35	30
117	R2	X	-84.61	24
118	R2	Z	-48.85	24

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
119	R2	X	-84.61	24
120	R2	Z	-48.85	24
121	MP12	X	-111.88	6
122	MP12	Z	-64.59	6
123	MP12	X	-111.88	78
124	MP12	Z	-64.59	78
125	MP11	X	-38.23	6
126	MP11	Z	-22.07	6
127	MP11	X	-38.23	34
128	MP11	Z	-22.07	34
129	MP11	X	-38.81	46
130	MP11	Z	-22.4	46
131	MP11	X	-38.81	76
132	MP11	Z	-22.4	76
133	MP10	X	-150.21	6
134	MP10	Z	-86.72	6
135	MP10	X	-150.21	78
136	MP10	Z	-86.72	78
137	MP10	X	-34.16	18
138	MP10	Z	-19.72	18
139	MP10	X	-34.16	45
140	MP10	Z	-19.72	45
141	MP12	X	-34.16	18
142	MP12	Z	-19.72	18
143	MP12	X	-34.16	45
144	MP12	Z	-19.72	45
145	MP10	X	-16.25	48
146	MP10	Z	-9.38	48
147	MP10	X	-16.25	63
148	MP10	Z	-9.38	63
149	MP10	X	-16.89	18
150	MP10	Z	-9.75	18
151	MP10	X	-16.89	33
152	MP10	Z	-9.75	33
153	MP12	X	-27.34	18
154	MP12	Z	-15.78	18
155	MP12	X	-27.34	36
156	MP12	Z	-15.78	36
157	MP12	X	-25.2	48
158	MP12	Z	-14.55	48
159	MP12	X	-25.2	63
160	MP12	Z	-14.55	63
161	MP10	X	-30.91	48
162	MP10	Z	-17.85	48
163	MP10	X	-30.91	68
164	MP10	Z	-17.85	68

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
165	R3	X	-16.19	30
166	R3	Z	-9.35	30
167	R3	X	-16.19	30
168	R3	Z	-9.35	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	-33.83	6
2	MP1	Z	0	6
3	MP1	X	-33.83	34
4	MP1	Z	0	34
5	MP1	X	-35.03	46
6	MP1	Z	0	46
7	MP1	X	-35.03	76
8	MP1	Z	0	76
9	MP4	X	-310.59	6
10	MP4	Z	0	6
11	MP4	X	-310.59	78
12	MP4	Z	0	78
13	MP2	X	-196.02	6
14	MP2	Z	0	6
15	MP2	X	-196.02	90
16	MP2	Z	0	90
17	MP2	X	-34.02	18
18	MP2	Z	0	18
19	MP2	X	-34.02	45
20	MP2	Z	0	45
21	MP2	X	-34.02	18
22	MP2	Z	0	18
23	MP2	X	-34.02	45
24	MP2	Z	0	45
25	MP2	X	-13.84	48
26	MP2	Z	0	48
27	MP2	X	-13.84	63
28	MP2	Z	0	63
29	MP4	X	-28.72	18
30	MP4	Z	0	18
31	MP4	X	-28.72	36
32	MP4	Z	0	36
33	MP4	X	-27.64	18
34	MP4	Z	0	18
35	MP4	X	-27.64	33
36	MP4	Z	0	33
37	MP2	X	-26.21	48
38	MP2	Z	0	48
39	MP2	X	-26.21	68

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
40	MP2	Z	0	68
41	MP4	X	-5.99	39
42	MP4	Z	0	39
43	MP4	X	-5.99	47
44	MP4	Z	0	47
45	MP4	X	-5.99	39
46	MP4	Z	0	39
47	MP4	X	-5.99	47
48	MP4	Z	0	47
49	MP4	X	-5.99	50
50	MP4	Z	0	50
51	MP4	X	-5.99	58
52	MP4	Z	0	58
53	MP4	X	-5.99	50
54	MP4	Z	0	50
55	MP4	X	-5.99	58
56	MP4	Z	0	58
57	MP4	X	-5.99	61
58	MP4	Z	0	61
59	MP4	X	-5.99	69
60	MP4	Z	0	69
61	R1	X	-18.69	30
62	R1	Z	0	30
63	R1	X	-18.69	30
64	R1	Z	0	30
65	R1	X	-18.69	42
66	R1	Z	0	42
67	R1	X	-18.69	42
68	R1	Z	0	42
69	MP8	X	-272.58	6
70	MP8	Z	0	6
71	MP8	X	-272.58	90
72	MP8	Z	0	90
73	MP7	X	-64.78	6
74	MP7	Z	0	6
75	MP7	X	-64.78	34
76	MP7	Z	0	34
77	MP7	X	-64.36	46
78	MP7	Z	0	46
79	MP7	X	-64.36	76
80	MP7	Z	0	76
81	MP6	X	-337.14	6
82	MP6	Z	0	6
83	MP6	X	-337.14	90
84	MP6	Z	0	90
85	MP6	X	-50.28	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
86	MP6	Z	0	18
87	MP6	X	-50.28	45
88	MP6	Z	0	45
89	MP8	X	-50.28	18
90	MP8	Z	0	18
91	MP8	X	-50.28	45
92	MP8	Z	0	45
93	MP6	X	-28.61	48
94	MP6	Z	0	48
95	MP6	X	-28.61	63
96	MP6	Z	0	63
97	MP6	X	-28.88	18
98	MP6	Z	0	18
99	MP6	X	-28.88	33
100	MP6	Z	0	33
101	MP8	X	-37.27	18
102	MP8	Z	0	18
103	MP8	X	-37.27	36
104	MP8	Z	0	36
105	MP8	X	-32.01	48
106	MP8	Z	0	48
107	MP8	X	-32.01	63
108	MP8	Z	0	63
109	MP6	X	-54.66	48
110	MP6	Z	0	48
111	MP6	X	-54.66	68
112	MP6	Z	0	68
113	R2	X	-18.69	30
114	R2	Z	0	30
115	R2	X	-18.69	30
116	R2	Z	0	30
117	R2	X	-87.24	24
118	R2	Z	0	24
119	R2	X	-87.24	24
120	R2	Z	0	24
121	MP12	X	-205.06	6
122	MP12	Z	0	6
123	MP12	X	-205.06	78
124	MP12	Z	0	78
125	MP11	X	-64.78	6
126	MP11	Z	0	6
127	MP11	X	-64.78	34
128	MP11	Z	0	34
129	MP11	X	-64.36	46
130	MP11	Z	0	46
131	MP11	X	-64.36	76

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
132	MP11	Z	0	76
133	MP10	X	-242.64	6
134	MP10	Z	0	6
135	MP10	X	-242.64	78
136	MP10	Z	0	78
137	MP10	X	-50.28	18
138	MP10	Z	0	18
139	MP10	X	-50.28	45
140	MP10	Z	0	45
141	MP12	X	-50.28	18
142	MP12	Z	0	18
143	MP12	X	-50.28	45
144	MP12	Z	0	45
145	MP10	X	-28.61	48
146	MP10	Z	0	48
147	MP10	X	-28.61	63
148	MP10	Z	0	63
149	MP10	X	-28.88	18
150	MP10	Z	0	18
151	MP10	X	-28.88	33
152	MP10	Z	0	33
153	MP12	X	-37.27	18
154	MP12	Z	0	18
155	MP12	X	-37.27	36
156	MP12	Z	0	36
157	MP12	X	-32.01	48
158	MP12	Z	0	48
159	MP12	X	-32.01	63
160	MP12	Z	0	63
161	MP10	X	-54.66	48
162	MP10	Z	0	48
163	MP10	X	-54.66	68
164	MP10	Z	0	68
165	R3	X	-18.69	30
166	R3	Z	0	30
167	R3	X	-18.69	30
168	R3	Z	0	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	-38.23	6
2	MP1	Z	22.07	6
3	MP1	X	-38.23	34
4	MP1	Z	22.07	34
5	MP1	X	-38.81	46
6	MP1	Z	22.4	46

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
7	MP1	X	-38.81	76
8	MP1	Z	22.4	76
9	MP4	X	-266.57	6
10	MP4	Z	153.91	6
11	MP4	X	-266.57	78
12	MP4	Z	153.91	78
13	MP2	X	-210.5	6
14	MP2	Z	121.53	6
15	MP2	X	-210.5	90
16	MP2	Z	121.53	90
17	MP2	X	-34.16	18
18	MP2	Z	19.72	18
19	MP2	X	-34.16	45
20	MP2	Z	19.72	45
21	MP2	X	-34.16	18
22	MP2	Z	19.72	18
23	MP2	X	-34.16	45
24	MP2	Z	19.72	45
25	MP2	X	-16.25	48
26	MP2	Z	9.38	48
27	MP2	X	-16.25	63
28	MP2	Z	9.38	63
29	MP4	X	-27.34	18
30	MP4	Z	15.78	18
31	MP4	X	-27.34	36
32	MP4	Z	15.78	36
33	MP4	X	-25.2	18
34	MP4	Z	14.55	18
35	MP4	X	-25.2	33
36	MP4	Z	14.55	33
37	MP2	X	-30.91	48
38	MP2	Z	17.85	48
39	MP2	X	-30.91	68
40	MP2	Z	17.85	68
41	MP4	X	-5.72	39
42	MP4	Z	3.3	39
43	MP4	X	-5.72	47
44	MP4	Z	3.3	47
45	MP4	X	-5.72	39
46	MP4	Z	3.3	39
47	MP4	X	-5.72	47
48	MP4	Z	3.3	47
49	MP4	X	-5.72	50
50	MP4	Z	3.3	50
51	MP4	X	-5.72	58
52	MP4	Z	3.3	58

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
53	MP4	X	-5.72	50
54	MP4	Z	3.3	50
55	MP4	X	-5.72	58
56	MP4	Z	3.3	58
57	MP4	X	-5.72	61
58	MP4	Z	3.3	61
59	MP4	X	-5.72	69
60	MP4	Z	3.3	69
61	R1	X	-16.19	30
62	R1	Z	9.35	30
63	R1	X	-16.19	30
64	R1	Z	9.35	30
65	R1	X	-16.19	42
66	R1	Z	9.35	42
67	R1	X	-16.19	42
68	R1	Z	9.35	42
69	MP8	X	-148.65	6
70	MP8	Z	85.83	6
71	MP8	X	-148.65	90
72	MP8	Z	85.83	90
73	MP7	X	-38.23	6
74	MP7	Z	22.07	6
75	MP7	X	-38.23	34
76	MP7	Z	22.07	34
77	MP7	X	-38.81	46
78	MP7	Z	22.4	46
79	MP7	X	-38.81	76
80	MP7	Z	22.4	76
81	MP6	X	-210.5	6
82	MP6	Z	121.53	6
83	MP6	X	-210.5	90
84	MP6	Z	121.53	90
85	MP6	X	-34.16	18
86	MP6	Z	19.72	18
87	MP6	X	-34.16	45
88	MP6	Z	19.72	45
89	MP8	X	-34.16	18
90	MP8	Z	19.72	18
91	MP8	X	-34.16	45
92	MP8	Z	19.72	45
93	MP6	X	-16.25	48
94	MP6	Z	9.38	48
95	MP6	X	-16.25	63
96	MP6	Z	9.38	63
97	MP6	X	-16.89	18
98	MP6	Z	9.75	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
99	MP6	X	-16.89	33
100	MP6	Z	9.75	33
101	MP8	X	-27.34	18
102	MP8	Z	15.78	18
103	MP8	X	-27.34	36
104	MP8	Z	15.78	36
105	MP8	X	-25.2	48
106	MP8	Z	14.55	48
107	MP8	X	-25.2	63
108	MP8	Z	14.55	63
109	MP6	X	-30.91	48
110	MP6	Z	17.85	48
111	MP6	X	-30.91	68
112	MP6	Z	17.85	68
113	R2	X	-16.19	30
114	R2	Z	9.35	30
115	R2	X	-16.19	30
116	R2	Z	9.35	30
117	R2	X	-57.45	24
118	R2	Z	33.17	24
119	R2	X	-57.45	24
120	R2	Z	33.17	24
121	MP12	X	-210.44	6
122	MP12	Z	121.5	6
123	MP12	X	-210.44	78
124	MP12	Z	121.5	78
125	MP11	X	-65.03	6
126	MP11	Z	37.54	6
127	MP11	X	-65.03	34
128	MP11	Z	37.54	34
129	MP11	X	-64.21	46
130	MP11	Z	37.07	46
131	MP11	X	-64.21	76
132	MP11	Z	37.07	76
133	MP10	X	-240.1	6
134	MP10	Z	138.62	6
135	MP10	X	-240.1	78
136	MP10	Z	138.62	78
137	MP10	X	-48.24	18
138	MP10	Z	27.85	18
139	MP10	X	-48.24	45
140	MP10	Z	27.85	45
141	MP12	X	-48.24	18
142	MP12	Z	27.85	18
143	MP12	X	-48.24	45
144	MP12	Z	27.85	45

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
145	MP10	X	-29.04	48
146	MP10	Z	16.77	48
147	MP10	X	-29.04	63
148	MP10	Z	16.77	63
149	MP10	X	-29.08	18
150	MP10	Z	16.79	18
151	MP10	X	-29.08	33
152	MP10	Z	16.79	33
153	MP12	X	-34.75	18
154	MP12	Z	20.06	18
155	MP12	X	-34.75	36
156	MP12	Z	20.06	36
157	MP12	X	-28.98	48
158	MP12	Z	16.73	48
159	MP12	X	-28.98	63
160	MP12	Z	16.73	63
161	MP10	X	-55.54	48
162	MP10	Z	32.07	48
163	MP10	X	-55.54	68
164	MP10	Z	32.07	68
165	R3	X	-16.19	30
166	R3	Z	9.35	30
167	R3	X	-16.19	30
168	R3	Z	9.35	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	-32.39	6
2	MP1	Z	56.1	6
3	MP1	X	-32.39	34
4	MP1	Z	56.1	34
5	MP1	X	-32.18	46
6	MP1	Z	55.74	46
7	MP1	X	-32.18	76
8	MP1	Z	55.74	76
9	MP4	X	-151.13	6
10	MP4	Z	261.76	6
11	MP4	X	-151.13	78
12	MP4	Z	261.76	78
13	MP2	X	-168.57	6
14	MP2	Z	291.97	6
15	MP2	X	-168.57	90
16	MP2	Z	291.97	90
17	MP2	X	-25.14	18
18	MP2	Z	43.54	18
19	MP2	X	-25.14	45

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
20	MP2	Z	43.54	45
21	MP2	X	-25.14	18
22	MP2	Z	43.54	18
23	MP2	X	-25.14	45
24	MP2	Z	43.54	45
25	MP2	X	-14.31	48
26	MP2	Z	24.78	48
27	MP2	X	-14.31	63
28	MP2	Z	24.78	63
29	MP4	X	-18.64	18
30	MP4	Z	32.28	18
31	MP4	X	-18.64	36
32	MP4	Z	32.28	36
33	MP4	X	-16	18
34	MP4	Z	27.72	18
35	MP4	X	-16	33
36	MP4	Z	27.72	33
37	MP2	X	-27.33	48
38	MP2	Z	47.33	48
39	MP2	X	-27.33	68
40	MP2	Z	47.33	68
41	MP4	X	-3.91	39
42	MP4	Z	6.78	39
43	MP4	X	-3.91	47
44	MP4	Z	6.78	47
45	MP4	X	-3.91	39
46	MP4	Z	6.78	39
47	MP4	X	-3.91	47
48	MP4	Z	6.78	47
49	MP4	X	-3.91	50
50	MP4	Z	6.78	50
51	MP4	X	-3.91	58
52	MP4	Z	6.78	58
53	MP4	X	-3.91	50
54	MP4	Z	6.78	50
55	MP4	X	-3.91	58
56	MP4	Z	6.78	58
57	MP4	X	-3.91	61
58	MP4	Z	6.78	61
59	MP4	X	-3.91	69
60	MP4	Z	6.78	69
61	R1	X	-9.35	30
62	R1	Z	16.19	30
63	R1	X	-9.35	30
64	R1	Z	16.19	30
65	R1	X	-9.35	42

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
66	R1	Z	16.19	42
67	R1	X	-9.35	42
68	R1	Z	16.19	42
69	MP8	X	-60.59	6
70	MP8	Z	104.95	6
71	MP8	X	-60.59	90
72	MP8	Z	104.95	90
73	MP7	X	-16.92	6
74	MP7	Z	29.3	6
75	MP7	X	-16.92	34
76	MP7	Z	29.3	34
77	MP7	X	-17.52	46
78	MP7	Z	30.34	46
79	MP7	X	-17.52	76
80	MP7	Z	30.34	76
81	MP6	X	-98.01	6
82	MP6	Z	169.76	6
83	MP6	X	-98.01	90
84	MP6	Z	169.76	90
85	MP6	X	-17.01	18
86	MP6	Z	29.46	18
87	MP6	X	-17.01	45
88	MP6	Z	29.46	45
89	MP8	X	-17.01	18
90	MP8	Z	29.46	18
91	MP8	X	-17.01	45
92	MP8	Z	29.46	45
93	MP6	X	-6.92	48
94	MP6	Z	11.99	48
95	MP6	X	-6.92	63
96	MP6	Z	11.99	63
97	MP6	X	-7.4	18
98	MP6	Z	12.82	18
99	MP6	X	-7.4	33
100	MP6	Z	12.82	33
101	MP8	X	-14.36	18
102	MP8	Z	24.87	18
103	MP8	X	-14.36	36
104	MP8	Z	24.87	36
105	MP8	X	-13.82	48
106	MP8	Z	23.93	48
107	MP8	X	-13.82	63
108	MP8	Z	23.93	63
109	MP6	X	-13.11	48
110	MP6	Z	22.7	48
111	MP6	X	-13.11	68

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
112	MP6	Z	22.7	68
113	R2	X	-9.35	30
114	R2	Z	16.19	30
115	R2	X	-9.35	30
116	R2	Z	16.19	30
117	R2	X	-27.94	24
118	R2	Z	48.39	24
119	R2	X	-27.94	24
120	R2	Z	48.39	24
121	MP12	X	-102.53	6
122	MP12	Z	177.58	6
123	MP12	X	-102.53	78
124	MP12	Z	177.58	78
125	MP11	X	-32.39	6
126	MP11	Z	56.1	6
127	MP11	X	-32.39	34
128	MP11	Z	56.1	34
129	MP11	X	-32.18	46
130	MP11	Z	55.74	46
131	MP11	X	-32.18	76
132	MP11	Z	55.74	76
133	MP10	X	-121.32	6
134	MP10	Z	210.14	6
135	MP10	X	-121.32	78
136	MP10	Z	210.14	78
137	MP10	X	-25.14	18
138	MP10	Z	43.54	18
139	MP10	X	-25.14	45
140	MP10	Z	43.54	45
141	MP12	X	-25.14	18
142	MP12	Z	43.54	18
143	MP12	X	-25.14	45
144	MP12	Z	43.54	45
145	MP10	X	-14.31	48
146	MP10	Z	24.78	48
147	MP10	X	-14.31	63
148	MP10	Z	24.78	63
149	MP10	X	-14.44	18
150	MP10	Z	25.01	18
151	MP10	X	-14.44	33
152	MP10	Z	25.01	33
153	MP12	X	-18.64	18
154	MP12	Z	32.28	18
155	MP12	X	-18.64	36
156	MP12	Z	32.28	36
157	MP12	X	-16	48

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
158	MP12	Z	27.72	48
159	MP12	X	-16	63
160	MP12	Z	27.72	63
161	MP10	X	-27.33	48
162	MP10	Z	47.33	48
163	MP10	X	-27.33	68
164	MP10	Z	47.33	68
165	R3	X	-9.35	30
166	R3	Z	16.19	30
167	R3	X	-9.35	30
168	R3	Z	16.19	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	0	6
2	MP1	Z	75.09	6
3	MP1	X	0	34
4	MP1	Z	75.09	34
5	MP1	X	0	46
6	MP1	Z	74.14	46
7	MP1	X	0	76
8	MP1	Z	74.14	76
9	MP4	X	0	6
10	MP4	Z	299.48	6
11	MP4	X	0	78
12	MP4	Z	299.48	78
13	MP2	X	0	6
14	MP2	Z	384.18	6
15	MP2	X	0	90
16	MP2	Z	384.18	90
17	MP2	X	0	18
18	MP2	Z	55.7	18
19	MP2	X	0	45
20	MP2	Z	55.7	45
21	MP2	X	0	18
22	MP2	Z	55.7	18
23	MP2	X	0	45
24	MP2	Z	55.7	45
25	MP2	X	0	48
26	MP2	Z	33.53	48
27	MP2	X	0	63
28	MP2	Z	33.53	63
29	MP4	X	0	18
30	MP4	Z	40.12	18
31	MP4	X	0	36
32	MP4	Z	40.12	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
33	MP4	X	0	18
34	MP4	Z	33.47	18
35	MP4	X	0	33
36	MP4	Z	33.47	33
37	MP2	X	0	48
38	MP2	Z	64.14	48
39	MP2	X	0	68
40	MP2	Z	64.14	68
41	MP4	X	0	39
42	MP4	Z	8.44	39
43	MP4	X	0	47
44	MP4	Z	8.44	47
45	MP4	X	0	39
46	MP4	Z	8.44	39
47	MP4	X	0	47
48	MP4	Z	8.44	47
49	MP4	X	0	50
50	MP4	Z	8.44	50
51	MP4	X	0	58
52	MP4	Z	8.44	58
53	MP4	X	0	50
54	MP4	Z	8.44	50
55	MP4	X	0	58
56	MP4	Z	8.44	58
57	MP4	X	0	61
58	MP4	Z	8.44	61
59	MP4	X	0	69
60	MP4	Z	8.44	69
61	R1	X	0	30
62	R1	Z	18.69	30
63	R1	X	0	30
64	R1	Z	18.69	30
65	R1	X	0	42
66	R1	Z	18.69	42
67	R1	X	0	42
68	R1	Z	18.69	42
69	MP8	X	0	6
70	MP8	Z	171.65	6
71	MP8	X	0	90
72	MP8	Z	171.65	90
73	MP7	X	0	6
74	MP7	Z	44.15	6
75	MP7	X	0	34
76	MP7	Z	44.15	34
77	MP7	X	0	46
78	MP7	Z	44.81	46

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
79	MP7	X	0	76
80	MP7	Z	44.81	76
81	MP6	X	0	6
82	MP6	Z	243.06	6
83	MP6	X	0	90
84	MP6	Z	243.06	90
85	MP6	X	0	18
86	MP6	Z	39.44	18
87	MP6	X	0	45
88	MP6	Z	39.44	45
89	MP8	X	0	18
90	MP8	Z	39.44	18
91	MP8	X	0	45
92	MP8	Z	39.44	45
93	MP6	X	0	48
94	MP6	Z	18.77	48
95	MP6	X	0	63
96	MP6	Z	18.77	63
97	MP6	X	0	18
98	MP6	Z	19.5	18
99	MP6	X	0	33
100	MP6	Z	19.5	33
101	MP8	X	0	18
102	MP8	Z	31.57	18
103	MP8	X	0	36
104	MP8	Z	31.57	36
105	MP8	X	0	48
106	MP8	Z	29.09	48
107	MP8	X	0	63
108	MP8	Z	29.09	63
109	MP6	X	0	48
110	MP6	Z	35.69	48
111	MP6	X	0	68
112	MP6	Z	35.69	68
113	R2	X	0	30
114	R2	Z	18.69	30
115	R2	X	0	30
116	R2	Z	18.69	30
117	R2	X	0	24
118	R2	Z	66.33	24
119	R2	X	0	24
120	R2	Z	66.33	24
121	MP12	X	0	6
122	MP12	Z	129.18	6
123	MP12	X	0	78
124	MP12	Z	129.18	78

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
125	MP11	X	0	6
126	MP11	Z	44.15	6
127	MP11	X	0	34
128	MP11	Z	44.15	34
129	MP11	X	0	46
130	MP11	Z	44.81	46
131	MP11	X	0	76
132	MP11	Z	44.81	76
133	MP10	X	0	6
134	MP10	Z	173.45	6
135	MP10	X	0	78
136	MP10	Z	173.45	78
137	MP10	X	0	18
138	MP10	Z	39.44	18
139	MP10	X	0	45
140	MP10	Z	39.44	45
141	MP12	X	0	18
142	MP12	Z	39.44	18
143	MP12	X	0	45
144	MP12	Z	39.44	45
145	MP10	X	0	48
146	MP10	Z	18.77	48
147	MP10	X	0	63
148	MP10	Z	18.77	63
149	MP10	X	0	18
150	MP10	Z	19.5	18
151	MP10	X	0	33
152	MP10	Z	19.5	33
153	MP12	X	0	18
154	MP12	Z	31.57	18
155	MP12	X	0	36
156	MP12	Z	31.57	36
157	MP12	X	0	48
158	MP12	Z	29.09	48
159	MP12	X	0	63
160	MP12	Z	29.09	63
161	MP10	X	0	48
162	MP10	Z	35.69	48
163	MP10	X	0	68
164	MP10	Z	35.69	68
165	R3	X	0	30
166	R3	Z	18.69	30
167	R3	X	0	30
168	R3	Z	18.69	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	32.39	6
2	MP1	Z	56.1	6
3	MP1	X	32.39	34
4	MP1	Z	56.1	34
5	MP1	X	32.18	46
6	MP1	Z	55.74	46
7	MP1	X	32.18	76
8	MP1	Z	55.74	76
9	MP4	X	151.13	6
10	MP4	Z	261.76	6
11	MP4	X	151.13	78
12	MP4	Z	261.76	78
13	MP2	X	168.57	6
14	MP2	Z	291.97	6
15	MP2	X	168.57	90
16	MP2	Z	291.97	90
17	MP2	X	25.14	18
18	MP2	Z	43.54	18
19	MP2	X	25.14	45
20	MP2	Z	43.54	45
21	MP2	X	25.14	18
22	MP2	Z	43.54	18
23	MP2	X	25.14	45
24	MP2	Z	43.54	45
25	MP2	X	14.31	48
26	MP2	Z	24.78	48
27	MP2	X	14.31	63
28	MP2	Z	24.78	63
29	MP4	X	18.64	18
30	MP4	Z	32.28	18
31	MP4	X	18.64	36
32	MP4	Z	32.28	36
33	MP4	X	16	18
34	MP4	Z	27.72	18
35	MP4	X	16	33
36	MP4	Z	27.72	33
37	MP2	X	27.33	48
38	MP2	Z	47.33	48
39	MP2	X	27.33	68
40	MP2	Z	47.33	68
41	MP4	X	3.91	39
42	MP4	Z	6.78	39
43	MP4	X	3.91	47
44	MP4	Z	6.78	47
45	MP4	X	3.91	39
46	MP4	Z	6.78	39

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP4	X	3.91	47
48	MP4	Z	6.78	47
49	MP4	X	3.91	50
50	MP4	Z	6.78	50
51	MP4	X	3.91	58
52	MP4	Z	6.78	58
53	MP4	X	3.91	50
54	MP4	Z	6.78	50
55	MP4	X	3.91	58
56	MP4	Z	6.78	58
57	MP4	X	3.91	61
58	MP4	Z	6.78	61
59	MP4	X	3.91	69
60	MP4	Z	6.78	69
61	R1	X	9.35	30
62	R1	Z	16.19	30
63	R1	X	9.35	30
64	R1	Z	16.19	30
65	R1	X	9.35	42
66	R1	Z	16.19	42
67	R1	X	9.35	42
68	R1	Z	16.19	42
69	MP8	X	136.29	6
70	MP8	Z	236.06	6
71	MP8	X	136.29	90
72	MP8	Z	236.06	90
73	MP7	X	32.39	6
74	MP7	Z	56.1	6
75	MP7	X	32.39	34
76	MP7	Z	56.1	34
77	MP7	X	32.18	46
78	MP7	Z	55.74	46
79	MP7	X	32.18	76
80	MP7	Z	55.74	76
81	MP6	X	168.57	6
82	MP6	Z	291.97	6
83	MP6	X	168.57	90
84	MP6	Z	291.97	90
85	MP6	X	25.14	18
86	MP6	Z	43.54	18
87	MP6	X	25.14	45
88	MP6	Z	43.54	45
89	MP8	X	25.14	18
90	MP8	Z	43.54	18
91	MP8	X	25.14	45
92	MP8	Z	43.54	45

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
93	MP6	X	14.31	48
94	MP6	Z	24.78	48
95	MP6	X	14.31	63
96	MP6	Z	24.78	63
97	MP6	X	14.44	18
98	MP6	Z	25.01	18
99	MP6	X	14.44	33
100	MP6	Z	25.01	33
101	MP8	X	18.64	18
102	MP8	Z	32.28	18
103	MP8	X	18.64	36
104	MP8	Z	32.28	36
105	MP8	X	16	48
106	MP8	Z	27.72	48
107	MP8	X	16	63
108	MP8	Z	27.72	63
109	MP6	X	27.33	48
110	MP6	Z	47.33	48
111	MP6	X	27.33	68
112	MP6	Z	47.33	68
113	R2	X	9.35	30
114	R2	Z	16.19	30
115	R2	X	9.35	30
116	R2	Z	16.19	30
117	R2	X	43.62	24
118	R2	Z	75.56	24
119	R2	X	43.62	24
120	R2	Z	75.56	24
121	MP12	X	45.62	6
122	MP12	Z	79.02	6
123	MP12	X	45.62	78
124	MP12	Z	79.02	78
125	MP11	X	16.92	6
126	MP11	Z	29.3	6
127	MP11	X	16.92	34
128	MP11	Z	29.3	34
129	MP11	X	17.52	46
130	MP11	Z	30.34	46
131	MP11	X	17.52	76
132	MP11	Z	30.34	76
133	MP10	X	69.42	6
134	MP10	Z	120.25	6
135	MP10	X	69.42	78
136	MP10	Z	120.25	78
137	MP10	X	17.01	18
138	MP10	Z	29.46	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
139	MP10	X	17.01	45
140	MP10	Z	29.46	45
141	MP12	X	17.01	18
142	MP12	Z	29.46	18
143	MP12	X	17.01	45
144	MP12	Z	29.46	45
145	MP10	X	6.92	48
146	MP10	Z	11.99	48
147	MP10	X	6.92	63
148	MP10	Z	11.99	63
149	MP10	X	7.4	18
150	MP10	Z	12.82	18
151	MP10	X	7.4	33
152	MP10	Z	12.82	33
153	MP12	X	14.36	18
154	MP12	Z	24.87	18
155	MP12	X	14.36	36
156	MP12	Z	24.87	36
157	MP12	X	13.82	48
158	MP12	Z	23.93	48
159	MP12	X	13.82	63
160	MP12	Z	23.93	63
161	MP10	X	13.11	48
162	MP10	Z	22.7	48
163	MP10	X	13.11	68
164	MP10	Z	22.7	68
165	R3	X	9.35	30
166	R3	Z	16.19	30
167	R3	X	9.35	30
168	R3	Z	16.19	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	38.23	6
2	MP1	Z	22.07	6
3	MP1	X	38.23	34
4	MP1	Z	22.07	34
5	MP1	X	38.81	46
6	MP1	Z	22.4	46
7	MP1	X	38.81	76
8	MP1	Z	22.4	76
9	MP4	X	266.57	6
10	MP4	Z	153.91	6
11	MP4	X	266.57	78
12	MP4	Z	153.91	78
13	MP2	X	210.5	6

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
14	MP2	Z	121.53	6
15	MP2	X	210.5	90
16	MP2	Z	121.53	90
17	MP2	X	34.16	18
18	MP2	Z	19.72	18
19	MP2	X	34.16	45
20	MP2	Z	19.72	45
21	MP2	X	34.16	18
22	MP2	Z	19.72	18
23	MP2	X	34.16	45
24	MP2	Z	19.72	45
25	MP2	X	16.25	48
26	MP2	Z	9.38	48
27	MP2	X	16.25	63
28	MP2	Z	9.38	63
29	MP4	X	27.34	18
30	MP4	Z	15.78	18
31	MP4	X	27.34	36
32	MP4	Z	15.78	36
33	MP4	X	25.2	18
34	MP4	Z	14.55	18
35	MP4	X	25.2	33
36	MP4	Z	14.55	33
37	MP2	X	30.91	48
38	MP2	Z	17.85	48
39	MP2	X	30.91	68
40	MP2	Z	17.85	68
41	MP4	X	5.72	39
42	MP4	Z	3.3	39
43	MP4	X	5.72	47
44	MP4	Z	3.3	47
45	MP4	X	5.72	39
46	MP4	Z	3.3	39
47	MP4	X	5.72	47
48	MP4	Z	3.3	47
49	MP4	X	5.72	50
50	MP4	Z	3.3	50
51	MP4	X	5.72	58
52	MP4	Z	3.3	58
53	MP4	X	5.72	50
54	MP4	Z	3.3	50
55	MP4	X	5.72	58
56	MP4	Z	3.3	58
57	MP4	X	5.72	61
58	MP4	Z	3.3	61
59	MP4	X	5.72	69

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
60	MP4	Z	3.3	69
61	R1	X	16.19	30
62	R1	Z	9.35	30
63	R1	X	16.19	30
64	R1	Z	9.35	30
65	R1	X	16.19	42
66	R1	Z	9.35	42
67	R1	X	16.19	42
68	R1	Z	9.35	42
69	MP8	X	279.76	6
70	MP8	Z	161.52	6
71	MP8	X	279.76	90
72	MP8	Z	161.52	90
73	MP7	X	65.03	6
74	MP7	Z	37.54	6
75	MP7	X	65.03	34
76	MP7	Z	37.54	34
77	MP7	X	64.21	46
78	MP7	Z	37.07	46
79	MP7	X	64.21	76
80	MP7	Z	37.07	76
81	MP6	X	332.71	6
82	MP6	Z	192.09	6
83	MP6	X	332.71	90
84	MP6	Z	192.09	90
85	MP6	X	48.24	18
86	MP6	Z	27.85	18
87	MP6	X	48.24	45
88	MP6	Z	27.85	45
89	MP8	X	48.24	18
90	MP8	Z	27.85	18
91	MP8	X	48.24	45
92	MP8	Z	27.85	45
93	MP6	X	29.04	48
94	MP6	Z	16.77	48
95	MP6	X	29.04	63
96	MP6	Z	16.77	63
97	MP6	X	29.08	18
98	MP6	Z	16.79	18
99	MP6	X	29.08	33
100	MP6	Z	16.79	33
101	MP8	X	34.75	18
102	MP8	Z	20.06	18
103	MP8	X	34.75	36
104	MP8	Z	20.06	36
105	MP8	X	28.98	48

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
106	MP8	Z	16.73	48
107	MP8	X	28.98	63
108	MP8	Z	16.73	63
109	MP6	X	55.54	48
110	MP6	Z	32.07	48
111	MP6	X	55.54	68
112	MP6	Z	32.07	68
113	R2	X	16.19	30
114	R2	Z	9.35	30
115	R2	X	16.19	30
116	R2	Z	9.35	30
117	R2	X	84.61	24
118	R2	Z	48.85	24
119	R2	X	84.61	24
120	R2	Z	48.85	24
121	MP12	X	111.88	6
122	MP12	Z	64.59	6
123	MP12	X	111.88	78
124	MP12	Z	64.59	78
125	MP11	X	38.23	6
126	MP11	Z	22.07	6
127	MP11	X	38.23	34
128	MP11	Z	22.07	34
129	MP11	X	38.81	46
130	MP11	Z	22.4	46
131	MP11	X	38.81	76
132	MP11	Z	22.4	76
133	MP10	X	150.21	6
134	MP10	Z	86.72	6
135	MP10	X	150.21	78
136	MP10	Z	86.72	78
137	MP10	X	34.16	18
138	MP10	Z	19.72	18
139	MP10	X	34.16	45
140	MP10	Z	19.72	45
141	MP12	X	34.16	18
142	MP12	Z	19.72	18
143	MP12	X	34.16	45
144	MP12	Z	19.72	45
145	MP10	X	16.25	48
146	MP10	Z	9.38	48
147	MP10	X	16.25	63
148	MP10	Z	9.38	63
149	MP10	X	16.89	18
150	MP10	Z	9.75	18
151	MP10	X	16.89	33

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
152	MP10	Z	9.75	33
153	MP12	X	27.34	18
154	MP12	Z	15.78	18
155	MP12	X	27.34	36
156	MP12	Z	15.78	36
157	MP12	X	25.2	48
158	MP12	Z	14.55	48
159	MP12	X	25.2	63
160	MP12	Z	14.55	63
161	MP10	X	30.91	48
162	MP10	Z	17.85	48
163	MP10	X	30.91	68
164	MP10	Z	17.85	68
165	R3	X	16.19	30
166	R3	Z	9.35	30
167	R3	X	16.19	30
168	R3	Z	9.35	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	33.83	6
2	MP1	Z	0	6
3	MP1	X	33.83	34
4	MP1	Z	0	34
5	MP1	X	35.03	46
6	MP1	Z	0	46
7	MP1	X	35.03	76
8	MP1	Z	0	76
9	MP4	X	310.59	6
10	MP4	Z	0	6
11	MP4	X	310.59	78
12	MP4	Z	0	78
13	MP2	X	196.02	6
14	MP2	Z	0	6
15	MP2	X	196.02	90
16	MP2	Z	0	90
17	MP2	X	34.02	18
18	MP2	Z	0	18
19	MP2	X	34.02	45
20	MP2	Z	0	45
21	MP2	X	34.02	18
22	MP2	Z	0	18
23	MP2	X	34.02	45
24	MP2	Z	0	45
25	MP2	X	13.84	48
26	MP2	Z	0	48

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
27	MP2	X	13.84	63
28	MP2	Z	0	63
29	MP4	X	28.72	18
30	MP4	Z	0	18
31	MP4	X	28.72	36
32	MP4	Z	0	36
33	MP4	X	27.64	18
34	MP4	Z	0	18
35	MP4	X	27.64	33
36	MP4	Z	0	33
37	MP2	X	26.21	48
38	MP2	Z	0	48
39	MP2	X	26.21	68
40	MP2	Z	0	68
41	MP4	X	5.99	39
42	MP4	Z	0	39
43	MP4	X	5.99	47
44	MP4	Z	0	47
45	MP4	X	5.99	39
46	MP4	Z	0	39
47	MP4	X	5.99	47
48	MP4	Z	0	47
49	MP4	X	5.99	50
50	MP4	Z	0	50
51	MP4	X	5.99	58
52	MP4	Z	0	58
53	MP4	X	5.99	50
54	MP4	Z	0	50
55	MP4	X	5.99	58
56	MP4	Z	0	58
57	MP4	X	5.99	61
58	MP4	Z	0	61
59	MP4	X	5.99	69
60	MP4	Z	0	69
61	R1	X	18.69	30
62	R1	Z	0	30
63	R1	X	18.69	30
64	R1	Z	0	30
65	R1	X	18.69	42
66	R1	Z	0	42
67	R1	X	18.69	42
68	R1	Z	0	42
69	MP8	X	272.58	6
70	MP8	Z	0	6
71	MP8	X	272.58	90
72	MP8	Z	0	90

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
73	MP7	X	64.78	6
74	MP7	Z	0	6
75	MP7	X	64.78	34
76	MP7	Z	0	34
77	MP7	X	64.36	46
78	MP7	Z	0	46
79	MP7	X	64.36	76
80	MP7	Z	0	76
81	MP6	X	337.14	6
82	MP6	Z	0	6
83	MP6	X	337.14	90
84	MP6	Z	0	90
85	MP6	X	50.28	18
86	MP6	Z	0	18
87	MP6	X	50.28	45
88	MP6	Z	0	45
89	MP8	X	50.28	18
90	MP8	Z	0	18
91	MP8	X	50.28	45
92	MP8	Z	0	45
93	MP6	X	28.61	48
94	MP6	Z	0	48
95	MP6	X	28.61	63
96	MP6	Z	0	63
97	MP6	X	28.88	18
98	MP6	Z	0	18
99	MP6	X	28.88	33
100	MP6	Z	0	33
101	MP8	X	37.27	18
102	MP8	Z	0	18
103	MP8	X	37.27	36
104	MP8	Z	0	36
105	MP8	X	32.01	48
106	MP8	Z	0	48
107	MP8	X	32.01	63
108	MP8	Z	0	63
109	MP6	X	54.66	48
110	MP6	Z	0	48
111	MP6	X	54.66	68
112	MP6	Z	0	68
113	R2	X	18.69	30
114	R2	Z	0	30
115	R2	X	18.69	30
116	R2	Z	0	30
117	R2	X	87.24	24
118	R2	Z	0	24

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
119	R2	X	87.24	24
120	R2	Z	0	24
121	MP12	X	205.06	6
122	MP12	Z	0	6
123	MP12	X	205.06	78
124	MP12	Z	0	78
125	MP11	X	64.78	6
126	MP11	Z	0	6
127	MP11	X	64.78	34
128	MP11	Z	0	34
129	MP11	X	64.36	46
130	MP11	Z	0	46
131	MP11	X	64.36	76
132	MP11	Z	0	76
133	MP10	X	242.64	6
134	MP10	Z	0	6
135	MP10	X	242.64	78
136	MP10	Z	0	78
137	MP10	X	50.28	18
138	MP10	Z	0	18
139	MP10	X	50.28	45
140	MP10	Z	0	45
141	MP12	X	50.28	18
142	MP12	Z	0	18
143	MP12	X	50.28	45
144	MP12	Z	0	45
145	MP10	X	28.61	48
146	MP10	Z	0	48
147	MP10	X	28.61	63
148	MP10	Z	0	63
149	MP10	X	28.88	18
150	MP10	Z	0	18
151	MP10	X	28.88	33
152	MP10	Z	0	33
153	MP12	X	37.27	18
154	MP12	Z	0	18
155	MP12	X	37.27	36
156	MP12	Z	0	36
157	MP12	X	32.01	48
158	MP12	Z	0	48
159	MP12	X	32.01	63
160	MP12	Z	0	63
161	MP10	X	54.66	48
162	MP10	Z	0	48
163	MP10	X	54.66	68
164	MP10	Z	0	68

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
165	R3	X	18.69	30
166	R3	Z	0	30
167	R3	X	18.69	30
168	R3	Z	0	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	38.23	6
2	MP1	Z	-22.07	6
3	MP1	X	38.23	34
4	MP1	Z	-22.07	34
5	MP1	X	38.81	46
6	MP1	Z	-22.4	46
7	MP1	X	38.81	76
8	MP1	Z	-22.4	76
9	MP4	X	266.57	6
10	MP4	Z	-153.91	6
11	MP4	X	266.57	78
12	MP4	Z	-153.91	78
13	MP2	X	210.5	6
14	MP2	Z	-121.53	6
15	MP2	X	210.5	90
16	MP2	Z	-121.53	90
17	MP2	X	34.16	18
18	MP2	Z	-19.72	18
19	MP2	X	34.16	45
20	MP2	Z	-19.72	45
21	MP2	X	34.16	18
22	MP2	Z	-19.72	18
23	MP2	X	34.16	45
24	MP2	Z	-19.72	45
25	MP2	X	16.25	48
26	MP2	Z	-9.38	48
27	MP2	X	16.25	63
28	MP2	Z	-9.38	63
29	MP4	X	27.34	18
30	MP4	Z	-15.78	18
31	MP4	X	27.34	36
32	MP4	Z	-15.78	36
33	MP4	X	25.2	18
34	MP4	Z	-14.55	18
35	MP4	X	25.2	33
36	MP4	Z	-14.55	33
37	MP2	X	30.91	48
38	MP2	Z	-17.85	48
39	MP2	X	30.91	68

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
40	MP2	Z	-17.85	68
41	MP4	X	5.72	39
42	MP4	Z	-3.3	39
43	MP4	X	5.72	47
44	MP4	Z	-3.3	47
45	MP4	X	5.72	39
46	MP4	Z	-3.3	39
47	MP4	X	5.72	47
48	MP4	Z	-3.3	47
49	MP4	X	5.72	50
50	MP4	Z	-3.3	50
51	MP4	X	5.72	58
52	MP4	Z	-3.3	58
53	MP4	X	5.72	50
54	MP4	Z	-3.3	50
55	MP4	X	5.72	58
56	MP4	Z	-3.3	58
57	MP4	X	5.72	61
58	MP4	Z	-3.3	61
59	MP4	X	5.72	69
60	MP4	Z	-3.3	69
61	R1	X	16.19	30
62	R1	Z	-9.35	30
63	R1	X	16.19	30
64	R1	Z	-9.35	30
65	R1	X	16.19	42
66	R1	Z	-9.35	42
67	R1	X	16.19	42
68	R1	Z	-9.35	42
69	MP8	X	148.65	6
70	MP8	Z	-85.83	6
71	MP8	X	148.65	90
72	MP8	Z	-85.83	90
73	MP7	X	38.23	6
74	MP7	Z	-22.07	6
75	MP7	X	38.23	34
76	MP7	Z	-22.07	34
77	MP7	X	38.81	46
78	MP7	Z	-22.4	46
79	MP7	X	38.81	76
80	MP7	Z	-22.4	76
81	MP6	X	210.5	6
82	MP6	Z	-121.53	6
83	MP6	X	210.5	90
84	MP6	Z	-121.53	90
85	MP6	X	34.16	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
86	MP6	Z	-19.72	18
87	MP6	X	34.16	45
88	MP6	Z	-19.72	45
89	MP8	X	34.16	18
90	MP8	Z	-19.72	18
91	MP8	X	34.16	45
92	MP8	Z	-19.72	45
93	MP6	X	16.25	48
94	MP6	Z	-9.38	48
95	MP6	X	16.25	63
96	MP6	Z	-9.38	63
97	MP6	X	16.89	18
98	MP6	Z	-9.75	18
99	MP6	X	16.89	33
100	MP6	Z	-9.75	33
101	MP8	X	27.34	18
102	MP8	Z	-15.78	18
103	MP8	X	27.34	36
104	MP8	Z	-15.78	36
105	MP8	X	25.2	48
106	MP8	Z	-14.55	48
107	MP8	X	25.2	63
108	MP8	Z	-14.55	63
109	MP6	X	30.91	48
110	MP6	Z	-17.85	48
111	MP6	X	30.91	68
112	MP6	Z	-17.85	68
113	R2	X	16.19	30
114	R2	Z	-9.35	30
115	R2	X	16.19	30
116	R2	Z	-9.35	30
117	R2	X	57.45	24
118	R2	Z	-33.17	24
119	R2	X	57.45	24
120	R2	Z	-33.17	24
121	MP12	X	210.44	6
122	MP12	Z	-121.5	6
123	MP12	X	210.44	78
124	MP12	Z	-121.5	78
125	MP11	X	65.03	6
126	MP11	Z	-37.54	6
127	MP11	X	65.03	34
128	MP11	Z	-37.54	34
129	MP11	X	64.21	46
130	MP11	Z	-37.07	46
131	MP11	X	64.21	76

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
132	MP11	Z	-37.07	76
133	MP10	X	240.1	6
134	MP10	Z	-138.62	6
135	MP10	X	240.1	78
136	MP10	Z	-138.62	78
137	MP10	X	48.24	18
138	MP10	Z	-27.85	18
139	MP10	X	48.24	45
140	MP10	Z	-27.85	45
141	MP12	X	48.24	18
142	MP12	Z	-27.85	18
143	MP12	X	48.24	45
144	MP12	Z	-27.85	45
145	MP10	X	29.04	48
146	MP10	Z	-16.77	48
147	MP10	X	29.04	63
148	MP10	Z	-16.77	63
149	MP10	X	29.08	18
150	MP10	Z	-16.79	18
151	MP10	X	29.08	33
152	MP10	Z	-16.79	33
153	MP12	X	34.75	18
154	MP12	Z	-20.06	18
155	MP12	X	34.75	36
156	MP12	Z	-20.06	36
157	MP12	X	28.98	48
158	MP12	Z	-16.73	48
159	MP12	X	28.98	63
160	MP12	Z	-16.73	63
161	MP10	X	55.54	48
162	MP10	Z	-32.07	48
163	MP10	X	55.54	68
164	MP10	Z	-32.07	68
165	R3	X	16.19	30
166	R3	Z	-9.35	30
167	R3	X	16.19	30
168	R3	Z	-9.35	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	32.39	6
2	MP1	Z	-56.1	6
3	MP1	X	32.39	34
4	MP1	Z	-56.1	34
5	MP1	X	32.18	46
6	MP1	Z	-55.74	46

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
7	MP1	X	32.18	76
8	MP1	Z	-55.74	76
9	MP4	X	151.13	6
10	MP4	Z	-261.76	6
11	MP4	X	151.13	78
12	MP4	Z	-261.76	78
13	MP2	X	168.57	6
14	MP2	Z	-291.97	6
15	MP2	X	168.57	90
16	MP2	Z	-291.97	90
17	MP2	X	25.14	18
18	MP2	Z	-43.54	18
19	MP2	X	25.14	45
20	MP2	Z	-43.54	45
21	MP2	X	25.14	18
22	MP2	Z	-43.54	18
23	MP2	X	25.14	45
24	MP2	Z	-43.54	45
25	MP2	X	14.31	48
26	MP2	Z	-24.78	48
27	MP2	X	14.31	63
28	MP2	Z	-24.78	63
29	MP4	X	18.64	18
30	MP4	Z	-32.28	18
31	MP4	X	18.64	36
32	MP4	Z	-32.28	36
33	MP4	X	16	18
34	MP4	Z	-27.72	18
35	MP4	X	16	33
36	MP4	Z	-27.72	33
37	MP2	X	27.33	48
38	MP2	Z	-47.33	48
39	MP2	X	27.33	68
40	MP2	Z	-47.33	68
41	MP4	X	3.91	39
42	MP4	Z	-6.78	39
43	MP4	X	3.91	47
44	MP4	Z	-6.78	47
45	MP4	X	3.91	39
46	MP4	Z	-6.78	39
47	MP4	X	3.91	47
48	MP4	Z	-6.78	47
49	MP4	X	3.91	50
50	MP4	Z	-6.78	50
51	MP4	X	3.91	58
52	MP4	Z	-6.78	58

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
53	MP4	X	3.91	50
54	MP4	Z	-6.78	50
55	MP4	X	3.91	58
56	MP4	Z	-6.78	58
57	MP4	X	3.91	61
58	MP4	Z	-6.78	61
59	MP4	X	3.91	69
60	MP4	Z	-6.78	69
61	R1	X	9.35	30
62	R1	Z	-16.19	30
63	R1	X	9.35	30
64	R1	Z	-16.19	30
65	R1	X	9.35	42
66	R1	Z	-16.19	42
67	R1	X	9.35	42
68	R1	Z	-16.19	42
69	MP8	X	60.59	6
70	MP8	Z	-104.95	6
71	MP8	X	60.59	90
72	MP8	Z	-104.95	90
73	MP7	X	16.92	6
74	MP7	Z	-29.3	6
75	MP7	X	16.92	34
76	MP7	Z	-29.3	34
77	MP7	X	17.52	46
78	MP7	Z	-30.34	46
79	MP7	X	17.52	76
80	MP7	Z	-30.34	76
81	MP6	X	98.01	6
82	MP6	Z	-169.76	6
83	MP6	X	98.01	90
84	MP6	Z	-169.76	90
85	MP6	X	17.01	18
86	MP6	Z	-29.46	18
87	MP6	X	17.01	45
88	MP6	Z	-29.46	45
89	MP8	X	17.01	18
90	MP8	Z	-29.46	18
91	MP8	X	17.01	45
92	MP8	Z	-29.46	45
93	MP6	X	6.92	48
94	MP6	Z	-11.99	48
95	MP6	X	6.92	63
96	MP6	Z	-11.99	63
97	MP6	X	7.4	18
98	MP6	Z	-12.82	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
99	MP6	X	7.4	33
100	MP6	Z	-12.82	33
101	MP8	X	14.36	18
102	MP8	Z	-24.87	18
103	MP8	X	14.36	36
104	MP8	Z	-24.87	36
105	MP8	X	13.82	48
106	MP8	Z	-23.93	48
107	MP8	X	13.82	63
108	MP8	Z	-23.93	63
109	MP6	X	13.11	48
110	MP6	Z	-22.7	48
111	MP6	X	13.11	68
112	MP6	Z	-22.7	68
113	R2	X	9.35	30
114	R2	Z	-16.19	30
115	R2	X	9.35	30
116	R2	Z	-16.19	30
117	R2	X	27.94	24
118	R2	Z	-48.39	24
119	R2	X	27.94	24
120	R2	Z	-48.39	24
121	MP12	X	102.53	6
122	MP12	Z	-177.58	6
123	MP12	X	102.53	78
124	MP12	Z	-177.58	78
125	MP11	X	32.39	6
126	MP11	Z	-56.1	6
127	MP11	X	32.39	34
128	MP11	Z	-56.1	34
129	MP11	X	32.18	46
130	MP11	Z	-55.74	46
131	MP11	X	32.18	76
132	MP11	Z	-55.74	76
133	MP10	X	121.32	6
134	MP10	Z	-210.14	6
135	MP10	X	121.32	78
136	MP10	Z	-210.14	78
137	MP10	X	25.14	18
138	MP10	Z	-43.54	18
139	MP10	X	25.14	45
140	MP10	Z	-43.54	45
141	MP12	X	25.14	18
142	MP12	Z	-43.54	18
143	MP12	X	25.14	45
144	MP12	Z	-43.54	45

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
145	MP10	X	14.31	48
146	MP10	Z	-24.78	48
147	MP10	X	14.31	63
148	MP10	Z	-24.78	63
149	MP10	X	14.44	18
150	MP10	Z	-25.01	18
151	MP10	X	14.44	33
152	MP10	Z	-25.01	33
153	MP12	X	18.64	18
154	MP12	Z	-32.28	18
155	MP12	X	18.64	36
156	MP12	Z	-32.28	36
157	MP12	X	16	48
158	MP12	Z	-27.72	48
159	MP12	X	16	63
160	MP12	Z	-27.72	63
161	MP10	X	27.33	48
162	MP10	Z	-47.33	48
163	MP10	X	27.33	68
164	MP10	Z	-47.33	68
165	R3	X	9.35	30
166	R3	Z	-16.19	30
167	R3	X	9.35	30
168	R3	Z	-16.19	30

Member Point Loads (BLC 16 : Ice Weight)

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	Y	-32.741	6
2	MP1	Y	-32.741	34
3	MP1	Y	-37.716	46
4	MP1	Y	-37.716	76
5	MP4	Y	-168.705	6
6	MP4	Y	-168.705	78
7	MP2	Y	-135.578	6
8	MP2	Y	-135.578	90
9	MP2	Y	-27.358	18
10	MP2	Y	-27.358	45
11	MP2	Y	-27.358	18
12	MP2	Y	-27.358	45
13	MP2	Y	-16.544	48
14	MP2	Y	-16.544	63
15	MP4	Y	-24.061	18
16	MP4	Y	-24.061	36
17	MP4	Y	-22.924	18
18	MP4	Y	-22.924	33
19	MP2	Y	-29.914	48

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
20	MP2	Y	-29.914	68
21	MP4	Y	-6.165	39
22	MP4	Y	-6.165	47
23	MP4	Y	-6.165	39
24	MP4	Y	-6.165	47
25	MP4	Y	-6.165	50
26	MP4	Y	-6.165	58
27	MP4	Y	-6.165	50
28	MP4	Y	-6.165	58
29	MP4	Y	-6.165	61
30	MP4	Y	-6.165	69
31	R1	Y	-29.109	30
32	R1	Y	-29.109	30
33	R1	Y	-29.109	42
34	R1	Y	-29.109	42
35	MP8	Y	-121.426	6
36	MP8	Y	-121.426	90
37	MP7	Y	-32.741	6
38	MP7	Y	-32.741	34
39	MP7	Y	-37.716	46
40	MP7	Y	-37.716	76
41	MP6	Y	-135.578	6
42	MP6	Y	-135.578	90
43	MP6	Y	-27.358	18
44	MP6	Y	-27.358	45
45	MP8	Y	-27.358	18
46	MP8	Y	-27.358	45
47	MP6	Y	-16.544	48
48	MP6	Y	-16.544	63
49	MP6	Y	-17.034	18
50	MP6	Y	-17.034	33
51	MP8	Y	-24.061	18
52	MP8	Y	-24.061	36
53	MP8	Y	-22.924	48
54	MP8	Y	-22.924	63
55	MP6	Y	-29.914	48
56	MP6	Y	-29.914	68
57	R2	Y	-29.109	30
58	R2	Y	-29.109	30
59	R2	Y	-46.953	24
60	R2	Y	-46.953	24
61	MP12	Y	-92.341	6
62	MP12	Y	-92.341	78
63	MP11	Y	-32.741	6
64	MP11	Y	-32.741	34
65	MP11	Y	-37.716	46

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
66	MP11	Y	-37.716	76
67	MP10	Y	-104.463	6
68	MP10	Y	-104.463	78
69	MP10	Y	-27.358	18
70	MP10	Y	-27.358	45
71	MP12	Y	-27.358	18
72	MP12	Y	-27.358	45
73	MP10	Y	-16.544	48
74	MP10	Y	-16.544	63
75	MP10	Y	-17.034	18
76	MP10	Y	-17.034	33
77	MP12	Y	-24.061	18
78	MP12	Y	-24.061	36
79	MP12	Y	-22.924	48
80	MP12	Y	-22.924	63
81	MP10	Y	-29.914	48
82	MP10	Y	-29.914	68
83	R3	Y	-29.109	30
84	R3	Y	-29.109	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	0	6
2	MP1	Z	-7.25	6
3	MP1	X	0	34
4	MP1	Z	-7.25	34
5	MP1	X	0	46
6	MP1	Z	-7.84	46
7	MP1	X	0	76
8	MP1	Z	-7.84	76
9	MP4	X	0	6
10	MP4	Z	-26.18	6
11	MP4	X	0	78
12	MP4	Z	-26.18	78
13	MP2	X	0	6
14	MP2	Z	-33.71	6
15	MP2	X	0	90
16	MP2	Z	-33.71	90
17	MP2	X	0	18
18	MP2	Z	-5.88	18
19	MP2	X	0	45
20	MP2	Z	-5.88	45
21	MP2	X	0	18
22	MP2	Z	-5.88	18
23	MP2	X	0	45
24	MP2	Z	-5.88	45

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
25	MP2	X	0	48
26	MP2	Z	-3.58	48
27	MP2	X	0	63
28	MP2	Z	-3.58	63
29	MP4	X	0	18
30	MP4	Z	-4.19	18
31	MP4	X	0	36
32	MP4	Z	-4.19	36
33	MP4	X	0	18
34	MP4	Z	-3.58	18
35	MP4	X	0	33
36	MP4	Z	-3.58	33
37	MP2	X	0	48
38	MP2	Z	-6.24	48
39	MP2	X	0	68
40	MP2	Z	-6.24	68
41	MP4	X	0	39
42	MP4	Z	-1.58	39
43	MP4	X	0	47
44	MP4	Z	-1.58	47
45	MP4	X	0	39
46	MP4	Z	-1.58	39
47	MP4	X	0	47
48	MP4	Z	-1.58	47
49	MP4	X	0	50
50	MP4	Z	-1.58	50
51	MP4	X	0	58
52	MP4	Z	-1.58	58
53	MP4	X	0	50
54	MP4	Z	-1.58	50
55	MP4	X	0	58
56	MP4	Z	-1.58	58
57	MP4	X	0	61
58	MP4	Z	-1.58	61
59	MP4	X	0	69
60	MP4	Z	-1.58	69
61	R1	X	0	30
62	R1	Z	-5.04	30
63	R1	X	0	30
64	R1	Z	-5.04	30
65	R1	X	0	42
66	R1	Z	-5.04	42
67	R1	X	0	42
68	R1	Z	-5.04	42
69	MP8	X	0	6
70	MP8	Z	-22.86	6

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
71	MP8	X	0	90
72	MP8	Z	-22.86	90
73	MP7	X	0	6
74	MP7	Z	-5.48	6
75	MP7	X	0	34
76	MP7	Z	-5.48	34
77	MP7	X	0	46
78	MP7	Z	-6.19	46
79	MP7	X	0	76
80	MP7	Z	-6.19	76
81	MP6	X	0	6
82	MP6	Z	-24.32	6
83	MP6	X	0	90
84	MP6	Z	-24.32	90
85	MP6	X	0	18
86	MP6	Z	-5.08	18
87	MP6	X	0	45
88	MP6	Z	-5.08	45
89	MP8	X	0	18
90	MP8	Z	-5.08	18
91	MP8	X	0	45
92	MP8	Z	-5.08	45
93	MP6	X	0	48
94	MP6	Z	-2.75	48
95	MP6	X	0	63
96	MP6	Z	-2.75	63
97	MP6	X	0	18
98	MP6	Z	-2.83	18
99	MP6	X	0	33
100	MP6	Z	-2.83	33
101	MP8	X	0	18
102	MP8	Z	-3.78	18
103	MP8	X	0	36
104	MP8	Z	-3.78	36
105	MP8	X	0	48
106	MP8	Z	-3.36	48
107	MP8	X	0	63
108	MP8	Z	-3.36	63
109	MP6	X	0	48
110	MP6	Z	-4.35	48
111	MP6	X	0	68
112	MP6	Z	-4.35	68
113	R2	X	0	30
114	R2	Z	-5.04	30
115	R2	X	0	30
116	R2	Z	-5.04	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
117	R2	X	0	24
118	R2	Z	-7.04	24
119	R2	X	0	24
120	R2	Z	-7.04	24
121	MP12	X	0	6
122	MP12	Z	-16.38	6
123	MP12	X	0	78
124	MP12	Z	-16.38	78
125	MP11	X	0	6
126	MP11	Z	-5.48	6
127	MP11	X	0	34
128	MP11	Z	-5.48	34
129	MP11	X	0	46
130	MP11	Z	-6.19	46
131	MP11	X	0	76
132	MP11	Z	-6.19	76
133	MP10	X	0	6
134	MP10	Z	-17.67	6
135	MP10	X	0	78
136	MP10	Z	-17.67	78
137	MP10	X	0	18
138	MP10	Z	-5.08	18
139	MP10	X	0	45
140	MP10	Z	-5.08	45
141	MP12	X	0	18
142	MP12	Z	-5.08	18
143	MP12	X	0	45
144	MP12	Z	-5.08	45
145	MP10	X	0	48
146	MP10	Z	-2.75	48
147	MP10	X	0	63
148	MP10	Z	-2.75	63
149	MP10	X	0	18
150	MP10	Z	-2.83	18
151	MP10	X	0	33
152	MP10	Z	-2.83	33
153	MP12	X	0	18
154	MP12	Z	-3.78	18
155	MP12	X	0	36
156	MP12	Z	-3.78	36
157	MP12	X	0	48
158	MP12	Z	-3.36	48
159	MP12	X	0	63
160	MP12	Z	-3.36	63
161	MP10	X	0	48
162	MP10	Z	-4.35	48

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
163	MP10	X	0	68
164	MP10	Z	-4.35	68
165	R3	X	0	30
166	R3	Z	-5.04	30
167	R3	X	0	30
168	R3	Z	-5.04	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	-3.33	6
2	MP1	Z	-5.77	6
3	MP1	X	-3.33	34
4	MP1	Z	-5.77	34
5	MP1	X	-3.65	46
6	MP1	Z	-6.31	46
7	MP1	X	-3.65	76
8	MP1	Z	-6.31	76
9	MP4	X	-13.2	6
10	MP4	Z	-22.86	6
11	MP4	X	-13.2	78
12	MP4	Z	-22.86	78
13	MP2	X	-15.29	6
14	MP2	Z	-26.48	6
15	MP2	X	-15.29	90
16	MP2	Z	-26.48	90
17	MP2	X	-2.81	18
18	MP2	Z	-4.86	18
19	MP2	X	-2.81	45
20	MP2	Z	-4.86	45
21	MP2	X	-2.81	18
22	MP2	Z	-4.86	18
23	MP2	X	-2.81	45
24	MP2	Z	-4.86	45
25	MP2	X	-1.65	48
26	MP2	Z	-2.86	48
27	MP2	X	-1.65	63
28	MP2	Z	-2.86	63
29	MP4	X	-2.03	18
30	MP4	Z	-3.51	18
31	MP4	X	-2.03	36
32	MP4	Z	-3.51	36
33	MP4	X	-1.75	18
34	MP4	Z	-3.04	18
35	MP4	X	-1.75	33
36	MP4	Z	-3.04	33
37	MP2	X	-2.81	48

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
38	MP2	Z	-4.86	48
39	MP2	X	-2.81	68
40	MP2	Z	-4.86	68
41	MP4	X	-0.75	39
42	MP4	Z	-1.3	39
43	MP4	X	-0.75	47
44	MP4	Z	-1.3	47
45	MP4	X	-0.75	39
46	MP4	Z	-1.3	39
47	MP4	X	-0.75	47
48	MP4	Z	-1.3	47
49	MP4	X	-0.75	50
50	MP4	Z	-1.3	50
51	MP4	X	-0.75	58
52	MP4	Z	-1.3	58
53	MP4	X	-0.75	50
54	MP4	Z	-1.3	50
55	MP4	X	-0.75	58
56	MP4	Z	-1.3	58
57	MP4	X	-0.75	61
58	MP4	Z	-1.3	61
59	MP4	X	-0.75	69
60	MP4	Z	-1.3	69
61	R1	X	-2.52	30
62	R1	Z	-4.37	30
63	R1	X	-2.52	30
64	R1	Z	-4.37	30
65	R1	X	-2.52	42
66	R1	Z	-4.37	42
67	R1	X	-2.52	42
68	R1	Z	-4.37	42
69	MP8	X	-14.52	6
70	MP8	Z	-25.15	6
71	MP8	X	-14.52	90
72	MP8	Z	-25.15	90
73	MP7	X	-3.33	6
74	MP7	Z	-5.77	6
75	MP7	X	-3.33	34
76	MP7	Z	-5.77	34
77	MP7	X	-3.65	46
78	MP7	Z	-6.31	46
79	MP7	X	-3.65	76
80	MP7	Z	-6.31	76
81	MP6	X	-15.29	6
82	MP6	Z	-26.48	6
83	MP6	X	-15.29	90

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
84	MP6	Z	-26.48	90
85	MP6	X	-2.81	18
86	MP6	Z	-4.86	18
87	MP6	X	-2.81	45
88	MP6	Z	-4.86	45
89	MP8	X	-2.81	18
90	MP8	Z	-4.86	18
91	MP8	X	-2.81	45
92	MP8	Z	-4.86	45
93	MP6	X	-1.65	48
94	MP6	Z	-2.86	48
95	MP6	X	-1.65	63
96	MP6	Z	-2.86	63
97	MP6	X	-1.67	18
98	MP6	Z	-2.89	18
99	MP6	X	-1.67	33
100	MP6	Z	-2.89	33
101	MP8	X	-2.03	18
102	MP8	Z	-3.51	18
103	MP8	X	-2.03	36
104	MP8	Z	-3.51	36
105	MP8	X	-1.75	48
106	MP8	Z	-3.04	48
107	MP8	X	-1.75	63
108	MP8	Z	-3.04	63
109	MP6	X	-2.81	48
110	MP6	Z	-4.86	48
111	MP6	X	-2.81	68
112	MP6	Z	-4.86	68
113	R2	X	-2.52	30
114	R2	Z	-4.37	30
115	R2	X	-2.52	30
116	R2	Z	-4.37	30
117	R2	X	-4.23	24
118	R2	Z	-7.33	24
119	R2	X	-4.23	24
120	R2	Z	-7.33	24
121	MP12	X	-7.09	6
122	MP12	Z	-12.29	6
123	MP12	X	-7.09	78
124	MP12	Z	-12.29	78
125	MP11	X	-2.45	6
126	MP11	Z	-4.24	6
127	MP11	X	-2.45	34
128	MP11	Z	-4.24	34
129	MP11	X	-2.82	46

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
130	MP11	Z	-4.88	46
131	MP11	X	-2.82	76
132	MP11	Z	-4.88	76
133	MP10	X	-7.71	6
134	MP10	Z	-13.35	6
135	MP10	X	-7.71	78
136	MP10	Z	-13.35	78
137	MP10	X	-2.41	18
138	MP10	Z	-4.17	18
139	MP10	X	-2.41	45
140	MP10	Z	-4.17	45
141	MP12	X	-2.41	18
142	MP12	Z	-4.17	18
143	MP12	X	-2.41	45
144	MP12	Z	-4.17	45
145	MP10	X	-1.23	48
146	MP10	Z	-2.14	48
147	MP10	X	-1.23	63
148	MP10	Z	-2.14	63
149	MP10	X	-1.29	18
150	MP10	Z	-2.23	18
151	MP10	X	-1.29	33
152	MP10	Z	-2.23	33
153	MP12	X	-1.82	18
154	MP12	Z	-3.15	18
155	MP12	X	-1.82	36
156	MP12	Z	-3.15	36
157	MP12	X	-1.65	48
158	MP12	Z	-2.85	48
159	MP12	X	-1.65	63
160	MP12	Z	-2.85	63
161	MP10	X	-1.86	48
162	MP10	Z	-3.23	48
163	MP10	X	-1.86	68
164	MP10	Z	-3.23	68
165	R3	X	-2.52	30
166	R3	Z	-4.37	30
167	R3	X	-2.52	30
168	R3	Z	-4.37	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	-4.75	6
2	MP1	Z	-2.74	6
3	MP1	X	-4.75	34
4	MP1	Z	-2.74	34

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
5	MP1	X	-5.36	46
6	MP1	Z	-3.1	46
7	MP1	X	-5.36	76
8	MP1	Z	-3.1	76
9	MP4	X	-23.24	6
10	MP4	Z	-13.42	6
11	MP4	X	-23.24	78
12	MP4	Z	-13.42	78
13	MP2	X	-21.06	6
14	MP2	Z	-12.16	6
15	MP2	X	-21.06	90
16	MP2	Z	-12.16	90
17	MP2	X	-4.4	18
18	MP2	Z	-2.54	18
19	MP2	X	-4.4	45
20	MP2	Z	-2.54	45
21	MP2	X	-4.4	18
22	MP2	Z	-2.54	18
23	MP2	X	-4.4	45
24	MP2	Z	-2.54	45
25	MP2	X	-2.38	48
26	MP2	Z	-1.37	48
27	MP2	X	-2.38	63
28	MP2	Z	-1.37	63
29	MP4	X	-3.27	18
30	MP4	Z	-1.89	18
31	MP4	X	-3.27	36
32	MP4	Z	-1.89	36
33	MP4	X	-2.91	18
34	MP4	Z	-1.68	18
35	MP4	X	-2.91	33
36	MP4	Z	-1.68	33
37	MP2	X	-3.77	48
38	MP2	Z	-2.18	48
39	MP2	X	-3.77	68
40	MP2	Z	-2.18	68
41	MP4	X	-1.18	39
42	MP4	Z	-0.68	39
43	MP4	X	-1.18	47
44	MP4	Z	-0.68	47
45	MP4	X	-1.18	39
46	MP4	Z	-0.68	39
47	MP4	X	-1.18	47
48	MP4	Z	-0.68	47
49	MP4	X	-1.18	50
50	MP4	Z	-0.68	50

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
51	MP4	X	-1.18	58
52	MP4	Z	-0.68	58
53	MP4	X	-1.18	50
54	MP4	Z	-0.68	50
55	MP4	X	-1.18	58
56	MP4	Z	-0.68	58
57	MP4	X	-1.18	61
58	MP4	Z	-0.68	61
59	MP4	X	-1.18	69
60	MP4	Z	-0.68	69
61	R1	X	-4.37	30
62	R1	Z	-2.52	30
63	R1	X	-4.37	30
64	R1	Z	-2.52	30
65	R1	X	-4.37	42
66	R1	Z	-2.52	42
67	R1	X	-4.37	42
68	R1	Z	-2.52	42
69	MP8	X	-27.83	6
70	MP8	Z	-16.07	6
71	MP8	X	-27.83	90
72	MP8	Z	-16.07	90
73	MP7	X	-6.28	6
74	MP7	Z	-3.62	6
75	MP7	X	-6.28	34
76	MP7	Z	-3.62	34
77	MP7	X	-6.79	46
78	MP7	Z	-3.92	46
79	MP7	X	-6.79	76
80	MP7	Z	-3.92	76
81	MP6	X	-29.2	6
82	MP6	Z	-16.86	6
83	MP6	X	-29.2	90
84	MP6	Z	-16.86	90
85	MP6	X	-5.09	18
86	MP6	Z	-2.94	18
87	MP6	X	-5.09	45
88	MP6	Z	-2.94	45
89	MP8	X	-5.09	18
90	MP8	Z	-2.94	18
91	MP8	X	-5.09	45
92	MP8	Z	-2.94	45
93	MP6	X	-3.1	48
94	MP6	Z	-1.79	48
95	MP6	X	-3.1	63
96	MP6	Z	-1.79	63

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
97	MP6	X	-3.11	18
98	MP6	Z	-1.79	18
99	MP6	X	-3.11	33
100	MP6	Z	-1.79	33
101	MP8	X	-3.63	18
102	MP8	Z	-2.1	18
103	MP8	X	-3.63	36
104	MP8	Z	-2.1	36
105	MP8	X	-3.1	48
106	MP8	Z	-1.79	48
107	MP8	X	-3.1	63
108	MP8	Z	-1.79	63
109	MP6	X	-5.41	48
110	MP6	Z	-3.12	48
111	MP6	X	-5.41	68
112	MP6	Z	-3.12	68
113	R2	X	-4.37	30
114	R2	Z	-2.52	30
115	R2	X	-4.37	30
116	R2	Z	-2.52	30
117	R2	X	-7.95	24
118	R2	Z	-4.59	24
119	R2	X	-7.95	24
120	R2	Z	-4.59	24
121	MP12	X	-14.19	6
122	MP12	Z	-8.19	6
123	MP12	X	-14.19	78
124	MP12	Z	-8.19	78
125	MP11	X	-4.75	6
126	MP11	Z	-2.74	6
127	MP11	X	-4.75	34
128	MP11	Z	-2.74	34
129	MP11	X	-5.36	46
130	MP11	Z	-3.1	46
131	MP11	X	-5.36	76
132	MP11	Z	-3.1	76
133	MP10	X	-15.3	6
134	MP10	Z	-8.83	6
135	MP10	X	-15.3	78
136	MP10	Z	-8.83	78
137	MP10	X	-4.4	18
138	MP10	Z	-2.54	18
139	MP10	X	-4.4	45
140	MP10	Z	-2.54	45
141	MP12	X	-4.4	18
142	MP12	Z	-2.54	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
143	MP12	X	-4.4	45
144	MP12	Z	-2.54	45
145	MP10	X	-2.38	48
146	MP10	Z	-1.37	48
147	MP10	X	-2.38	63
148	MP10	Z	-1.37	63
149	MP10	X	-2.45	18
150	MP10	Z	-1.41	18
151	MP10	X	-2.45	33
152	MP10	Z	-1.41	33
153	MP12	X	-3.27	18
154	MP12	Z	-1.89	18
155	MP12	X	-3.27	36
156	MP12	Z	-1.89	36
157	MP12	X	-2.91	48
158	MP12	Z	-1.68	48
159	MP12	X	-2.91	63
160	MP12	Z	-1.68	63
161	MP10	X	-3.77	48
162	MP10	Z	-2.18	48
163	MP10	X	-3.77	68
164	MP10	Z	-2.18	68
165	R3	X	-4.37	30
166	R3	Z	-2.52	30
167	R3	X	-4.37	30
168	R3	Z	-2.52	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	-4.9	6
2	MP1	Z	0	6
3	MP1	X	-4.9	34
4	MP1	Z	0	34
5	MP1	X	-5.64	46
6	MP1	Z	0	46
7	MP1	X	-5.64	76
8	MP1	Z	0	76
9	MP4	X	-27.05	6
10	MP4	Z	0	6
11	MP4	X	-27.05	78
12	MP4	Z	0	78
13	MP2	X	-21.19	6
14	MP2	Z	0	6
15	MP2	X	-21.19	90
16	MP2	Z	0	90
17	MP2	X	-4.82	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
18	MP2	Z	0	18
19	MP2	X	-4.82	45
20	MP2	Z	0	45
21	MP2	X	-4.82	18
22	MP2	Z	0	18
23	MP2	X	-4.82	45
24	MP2	Z	0	45
25	MP2	X	-2.47	48
26	MP2	Z	0	48
27	MP2	X	-2.47	63
28	MP2	Z	0	63
29	MP4	X	-3.64	18
30	MP4	Z	0	18
31	MP4	X	-3.64	36
32	MP4	Z	0	36
33	MP4	X	-3.29	18
34	MP4	Z	0	18
35	MP4	X	-3.29	33
36	MP4	Z	0	33
37	MP2	X	-3.72	48
38	MP2	Z	0	48
39	MP2	X	-3.72	68
40	MP2	Z	0	68
41	MP4	X	-1.29	39
42	MP4	Z	0	39
43	MP4	X	-1.29	47
44	MP4	Z	0	47
45	MP4	X	-1.29	39
46	MP4	Z	0	39
47	MP4	X	-1.29	47
48	MP4	Z	0	47
49	MP4	X	-1.29	50
50	MP4	Z	0	50
51	MP4	X	-1.29	58
52	MP4	Z	0	58
53	MP4	X	-1.29	50
54	MP4	Z	0	50
55	MP4	X	-1.29	58
56	MP4	Z	0	58
57	MP4	X	-1.29	61
58	MP4	Z	0	61
59	MP4	X	-1.29	69
60	MP4	Z	0	69
61	R1	X	-5.04	30
62	R1	Z	0	30
63	R1	X	-5.04	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
64	R1	Z	0	30
65	R1	X	-5.04	42
66	R1	Z	0	42
67	R1	X	-5.04	42
68	R1	Z	0	42
69	MP8	X	-29.04	6
70	MP8	Z	0	6
71	MP8	X	-29.04	90
72	MP8	Z	0	90
73	MP7	X	-6.66	6
74	MP7	Z	0	6
75	MP7	X	-6.66	34
76	MP7	Z	0	34
77	MP7	X	-7.29	46
78	MP7	Z	0	46
79	MP7	X	-7.29	76
80	MP7	Z	0	76
81	MP6	X	-30.58	6
82	MP6	Z	0	6
83	MP6	X	-30.58	90
84	MP6	Z	0	90
85	MP6	X	-5.62	18
86	MP6	Z	0	18
87	MP6	X	-5.62	45
88	MP6	Z	0	45
89	MP8	X	-5.62	18
90	MP8	Z	0	18
91	MP8	X	-5.62	45
92	MP8	Z	0	45
93	MP6	X	-3.31	48
94	MP6	Z	0	48
95	MP6	X	-3.31	63
96	MP6	Z	0	63
97	MP6	X	-3.33	18
98	MP6	Z	0	18
99	MP6	X	-3.33	33
100	MP6	Z	0	33
101	MP8	X	-4.05	18
102	MP8	Z	0	18
103	MP8	X	-4.05	36
104	MP8	Z	0	36
105	MP8	X	-3.51	48
106	MP8	Z	0	48
107	MP8	X	-3.51	63
108	MP8	Z	0	63
109	MP6	X	-5.61	48

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
110	MP6	Z	0	48
111	MP6	X	-5.61	68
112	MP6	Z	0	68
113	R2	X	-5.04	30
114	R2	Z	0	30
115	R2	X	-5.04	30
116	R2	Z	0	30
117	R2	X	-8.46	24
118	R2	Z	0	24
119	R2	X	-8.46	24
120	R2	Z	0	24
121	MP12	X	-20.77	6
122	MP12	Z	0	6
123	MP12	X	-20.77	78
124	MP12	Z	0	78
125	MP11	X	-6.66	6
126	MP11	Z	0	6
127	MP11	X	-6.66	34
128	MP11	Z	0	34
129	MP11	X	-7.29	46
130	MP11	Z	0	46
131	MP11	X	-7.29	76
132	MP11	Z	0	76
133	MP10	X	-22.18	6
134	MP10	Z	0	6
135	MP10	X	-22.18	78
136	MP10	Z	0	78
137	MP10	X	-5.62	18
138	MP10	Z	0	18
139	MP10	X	-5.62	45
140	MP10	Z	0	45
141	MP12	X	-5.62	18
142	MP12	Z	0	18
143	MP12	X	-5.62	45
144	MP12	Z	0	45
145	MP10	X	-3.31	48
146	MP10	Z	0	48
147	MP10	X	-3.31	63
148	MP10	Z	0	63
149	MP10	X	-3.33	18
150	MP10	Z	0	18
151	MP10	X	-3.33	33
152	MP10	Z	0	33
153	MP12	X	-4.05	18
154	MP12	Z	0	18
155	MP12	X	-4.05	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
156	MP12	Z	0	36
157	MP12	X	-3.51	48
158	MP12	Z	0	48
159	MP12	X	-3.51	63
160	MP12	Z	0	63
161	MP10	X	-5.61	48
162	MP10	Z	0	48
163	MP10	X	-5.61	68
164	MP10	Z	0	68
165	R3	X	-5.04	30
166	R3	Z	0	30
167	R3	X	-5.04	30
168	R3	Z	0	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	-4.75	6
2	MP1	Z	2.74	6
3	MP1	X	-4.75	34
4	MP1	Z	2.74	34
5	MP1	X	-5.36	46
6	MP1	Z	3.1	46
7	MP1	X	-5.36	76
8	MP1	Z	3.1	76
9	MP4	X	-23.24	6
10	MP4	Z	13.42	6
11	MP4	X	-23.24	78
12	MP4	Z	13.42	78
13	MP2	X	-21.06	6
14	MP2	Z	12.16	6
15	MP2	X	-21.06	90
16	MP2	Z	12.16	90
17	MP2	X	-4.4	18
18	MP2	Z	2.54	18
19	MP2	X	-4.4	45
20	MP2	Z	2.54	45
21	MP2	X	-4.4	18
22	MP2	Z	2.54	18
23	MP2	X	-4.4	45
24	MP2	Z	2.54	45
25	MP2	X	-2.38	48
26	MP2	Z	1.37	48
27	MP2	X	-2.38	63
28	MP2	Z	1.37	63
29	MP4	X	-3.27	18
30	MP4	Z	1.89	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
31	MP4	X	-3.27	36
32	MP4	Z	1.89	36
33	MP4	X	-2.91	18
34	MP4	Z	1.68	18
35	MP4	X	-2.91	33
36	MP4	Z	1.68	33
37	MP2	X	-3.77	48
38	MP2	Z	2.18	48
39	MP2	X	-3.77	68
40	MP2	Z	2.18	68
41	MP4	X	-1.18	39
42	MP4	Z	0.68	39
43	MP4	X	-1.18	47
44	MP4	Z	0.68	47
45	MP4	X	-1.18	39
46	MP4	Z	0.68	39
47	MP4	X	-1.18	47
48	MP4	Z	0.68	47
49	MP4	X	-1.18	50
50	MP4	Z	0.68	50
51	MP4	X	-1.18	58
52	MP4	Z	0.68	58
53	MP4	X	-1.18	50
54	MP4	Z	0.68	50
55	MP4	X	-1.18	58
56	MP4	Z	0.68	58
57	MP4	X	-1.18	61
58	MP4	Z	0.68	61
59	MP4	X	-1.18	69
60	MP4	Z	0.68	69
61	R1	X	-4.37	30
62	R1	Z	2.52	30
63	R1	X	-4.37	30
64	R1	Z	2.52	30
65	R1	X	-4.37	42
66	R1	Z	2.52	42
67	R1	X	-4.37	42
68	R1	Z	2.52	42
69	MP8	X	-19.8	6
70	MP8	Z	11.43	6
71	MP8	X	-19.8	90
72	MP8	Z	11.43	90
73	MP7	X	-4.75	6
74	MP7	Z	2.74	6
75	MP7	X	-4.75	34
76	MP7	Z	2.74	34

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
77	MP7	X	-5.36	46
78	MP7	Z	3.1	46
79	MP7	X	-5.36	76
80	MP7	Z	3.1	76
81	MP6	X	-21.06	6
82	MP6	Z	12.16	6
83	MP6	X	-21.06	90
84	MP6	Z	12.16	90
85	MP6	X	-4.4	18
86	MP6	Z	2.54	18
87	MP6	X	-4.4	45
88	MP6	Z	2.54	45
89	MP8	X	-4.4	18
90	MP8	Z	2.54	18
91	MP8	X	-4.4	45
92	MP8	Z	2.54	45
93	MP6	X	-2.38	48
94	MP6	Z	1.37	48
95	MP6	X	-2.38	63
96	MP6	Z	1.37	63
97	MP6	X	-2.45	18
98	MP6	Z	1.41	18
99	MP6	X	-2.45	33
100	MP6	Z	1.41	33
101	MP8	X	-3.27	18
102	MP8	Z	1.89	18
103	MP8	X	-3.27	36
104	MP8	Z	1.89	36
105	MP8	X	-2.91	48
106	MP8	Z	1.68	48
107	MP8	X	-2.91	63
108	MP8	Z	1.68	63
109	MP6	X	-3.77	48
110	MP6	Z	2.18	48
111	MP6	X	-3.77	68
112	MP6	Z	2.18	68
113	R2	X	-4.37	30
114	R2	Z	2.52	30
115	R2	X	-4.37	30
116	R2	Z	2.52	30
117	R2	X	-6.09	24
118	R2	Z	3.52	24
119	R2	X	-6.09	24
120	R2	Z	3.52	24
121	MP12	X	-19.89	6
122	MP12	Z	11.48	6

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
123	MP12	X	-19.89	78
124	MP12	Z	11.48	78
125	MP11	X	-6.28	6
126	MP11	Z	3.62	6
127	MP11	X	-6.28	34
128	MP11	Z	3.62	34
129	MP11	X	-6.79	46
130	MP11	Z	3.92	46
131	MP11	X	-6.79	76
132	MP11	Z	3.92	76
133	MP10	X	-21.17	6
134	MP10	Z	12.22	6
135	MP10	X	-21.17	78
136	MP10	Z	12.22	78
137	MP10	X	-5.09	18
138	MP10	Z	2.94	18
139	MP10	X	-5.09	45
140	MP10	Z	2.94	45
141	MP12	X	-5.09	18
142	MP12	Z	2.94	18
143	MP12	X	-5.09	45
144	MP12	Z	2.94	45
145	MP10	X	-3.1	48
146	MP10	Z	1.79	48
147	MP10	X	-3.1	63
148	MP10	Z	1.79	63
149	MP10	X	-3.11	18
150	MP10	Z	1.79	18
151	MP10	X	-3.11	33
152	MP10	Z	1.79	33
153	MP12	X	-3.63	18
154	MP12	Z	2.1	18
155	MP12	X	-3.63	36
156	MP12	Z	2.1	36
157	MP12	X	-3.1	48
158	MP12	Z	1.79	48
159	MP12	X	-3.1	63
160	MP12	Z	1.79	63
161	MP10	X	-5.41	48
162	MP10	Z	3.12	48
163	MP10	X	-5.41	68
164	MP10	Z	3.12	68
165	R3	X	-4.37	30
166	R3	Z	2.52	30
167	R3	X	-4.37	30
168	R3	Z	2.52	30

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

Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	-3.33	6
2	MP1	Z	5.77	6
3	MP1	X	-3.33	34
4	MP1	Z	5.77	34
5	MP1	X	-3.65	46
6	MP1	Z	6.31	46
7	MP1	X	-3.65	76
8	MP1	Z	6.31	76
9	MP4	X	-13.2	6
10	MP4	Z	22.86	6
11	MP4	X	-13.2	78
12	MP4	Z	22.86	78
13	MP2	X	-15.29	6
14	MP2	Z	26.48	6
15	MP2	X	-15.29	90
16	MP2	Z	26.48	90
17	MP2	X	-2.81	18
18	MP2	Z	4.86	18
19	MP2	X	-2.81	45
20	MP2	Z	4.86	45
21	MP2	X	-2.81	18
22	MP2	Z	4.86	18
23	MP2	X	-2.81	45
24	MP2	Z	4.86	45
25	MP2	X	-1.65	48
26	MP2	Z	2.86	48
27	MP2	X	-1.65	63
28	MP2	Z	2.86	63
29	MP4	X	-2.03	18
30	MP4	Z	3.51	18
31	MP4	X	-2.03	36
32	MP4	Z	3.51	36
33	MP4	X	-1.75	18
34	MP4	Z	3.04	18
35	MP4	X	-1.75	33
36	MP4	Z	3.04	33
37	MP2	X	-2.81	48
38	MP2	Z	4.86	48
39	MP2	X	-2.81	68
40	MP2	Z	4.86	68
41	MP4	X	-0.75	39
42	MP4	Z	1.3	39
43	MP4	X	-0.75	47
44	MP4	Z	1.3	47
45	MP4	X	-0.75	39
46	MP4	Z	1.3	39

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP4	X	-0.75	47
48	MP4	Z	1.3	47
49	MP4	X	-0.75	50
50	MP4	Z	1.3	50
51	MP4	X	-0.75	58
52	MP4	Z	1.3	58
53	MP4	X	-0.75	50
54	MP4	Z	1.3	50
55	MP4	X	-0.75	58
56	MP4	Z	1.3	58
57	MP4	X	-0.75	61
58	MP4	Z	1.3	61
59	MP4	X	-0.75	69
60	MP4	Z	1.3	69
61	R1	X	-2.52	30
62	R1	Z	4.37	30
63	R1	X	-2.52	30
64	R1	Z	4.37	30
65	R1	X	-2.52	42
66	R1	Z	4.37	42
67	R1	X	-2.52	42
68	R1	Z	4.37	42
69	MP8	X	-9.88	6
70	MP8	Z	17.12	6
71	MP8	X	-9.88	90
72	MP8	Z	17.12	90
73	MP7	X	-2.45	6
74	MP7	Z	4.24	6
75	MP7	X	-2.45	34
76	MP7	Z	4.24	34
77	MP7	X	-2.82	46
78	MP7	Z	4.88	46
79	MP7	X	-2.82	76
80	MP7	Z	4.88	76
81	MP6	X	-10.59	6
82	MP6	Z	18.35	6
83	MP6	X	-10.59	90
84	MP6	Z	18.35	90
85	MP6	X	-2.41	18
86	MP6	Z	4.17	18
87	MP6	X	-2.41	45
88	MP6	Z	4.17	45
89	MP8	X	-2.41	18
90	MP8	Z	4.17	18
91	MP8	X	-2.41	45
92	MP8	Z	4.17	45

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
93	MP6	X	-1.23	48
94	MP6	Z	2.14	48
95	MP6	X	-1.23	63
96	MP6	Z	2.14	63
97	MP6	X	-1.29	18
98	MP6	Z	2.23	18
99	MP6	X	-1.29	33
100	MP6	Z	2.23	33
101	MP8	X	-1.82	18
102	MP8	Z	3.15	18
103	MP8	X	-1.82	36
104	MP8	Z	3.15	36
105	MP8	X	-1.65	48
106	MP8	Z	2.85	48
107	MP8	X	-1.65	63
108	MP8	Z	2.85	63
109	MP6	X	-1.86	48
110	MP6	Z	3.23	48
111	MP6	X	-1.86	68
112	MP6	Z	3.23	68
113	R2	X	-2.52	30
114	R2	Z	4.37	30
115	R2	X	-2.52	30
116	R2	Z	4.37	30
117	R2	X	-3.16	24
118	R2	Z	5.48	24
119	R2	X	-3.16	24
120	R2	Z	5.48	24
121	MP12	X	-10.39	6
122	MP12	Z	17.99	6
123	MP12	X	-10.39	78
124	MP12	Z	17.99	78
125	MP11	X	-3.33	6
126	MP11	Z	5.77	6
127	MP11	X	-3.33	34
128	MP11	Z	5.77	34
129	MP11	X	-3.65	46
130	MP11	Z	6.31	46
131	MP11	X	-3.65	76
132	MP11	Z	6.31	76
133	MP10	X	-11.09	6
134	MP10	Z	19.21	6
135	MP10	X	-11.09	78
136	MP10	Z	19.21	78
137	MP10	X	-2.81	18
138	MP10	Z	4.86	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
139	MP10	X	-2.81	45
140	MP10	Z	4.86	45
141	MP12	X	-2.81	18
142	MP12	Z	4.86	18
143	MP12	X	-2.81	45
144	MP12	Z	4.86	45
145	MP10	X	-1.65	48
146	MP10	Z	2.86	48
147	MP10	X	-1.65	63
148	MP10	Z	2.86	63
149	MP10	X	-1.67	18
150	MP10	Z	2.89	18
151	MP10	X	-1.67	33
152	MP10	Z	2.89	33
153	MP12	X	-2.03	18
154	MP12	Z	3.51	18
155	MP12	X	-2.03	36
156	MP12	Z	3.51	36
157	MP12	X	-1.75	48
158	MP12	Z	3.04	48
159	MP12	X	-1.75	63
160	MP12	Z	3.04	63
161	MP10	X	-2.81	48
162	MP10	Z	4.86	48
163	MP10	X	-2.81	68
164	MP10	Z	4.86	68
165	R3	X	-2.52	30
166	R3	Z	4.37	30
167	R3	X	-2.52	30
168	R3	Z	4.37	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	0	6
2	MP1	Z	7.25	6
3	MP1	X	0	34
4	MP1	Z	7.25	34
5	MP1	X	0	46
6	MP1	Z	7.84	46
7	MP1	X	0	76
8	MP1	Z	7.84	76
9	MP4	X	0	6
10	MP4	Z	26.18	6
11	MP4	X	0	78
12	MP4	Z	26.18	78
13	MP2	X	0	6

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
14	MP2	Z	33.71	6
15	MP2	X	0	90
16	MP2	Z	33.71	90
17	MP2	X	0	18
18	MP2	Z	5.88	18
19	MP2	X	0	45
20	MP2	Z	5.88	45
21	MP2	X	0	18
22	MP2	Z	5.88	18
23	MP2	X	0	45
24	MP2	Z	5.88	45
25	MP2	X	0	48
26	MP2	Z	3.58	48
27	MP2	X	0	63
28	MP2	Z	3.58	63
29	MP4	X	0	18
30	MP4	Z	4.19	18
31	MP4	X	0	36
32	MP4	Z	4.19	36
33	MP4	X	0	18
34	MP4	Z	3.58	18
35	MP4	X	0	33
36	MP4	Z	3.58	33
37	MP2	X	0	48
38	MP2	Z	6.24	48
39	MP2	X	0	68
40	MP2	Z	6.24	68
41	MP4	X	0	39
42	MP4	Z	1.58	39
43	MP4	X	0	47
44	MP4	Z	1.58	47
45	MP4	X	0	39
46	MP4	Z	1.58	39
47	MP4	X	0	47
48	MP4	Z	1.58	47
49	MP4	X	0	50
50	MP4	Z	1.58	50
51	MP4	X	0	58
52	MP4	Z	1.58	58
53	MP4	X	0	50
54	MP4	Z	1.58	50
55	MP4	X	0	58
56	MP4	Z	1.58	58
57	MP4	X	0	61
58	MP4	Z	1.58	61
59	MP4	X	0	69

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
60	MP4	Z	1.58	69
61	R1	X	0	30
62	R1	Z	5.04	30
63	R1	X	0	30
64	R1	Z	5.04	30
65	R1	X	0	42
66	R1	Z	5.04	42
67	R1	X	0	42
68	R1	Z	5.04	42
69	MP8	X	0	6
70	MP8	Z	22.86	6
71	MP8	X	0	90
72	MP8	Z	22.86	90
73	MP7	X	0	6
74	MP7	Z	5.48	6
75	MP7	X	0	34
76	MP7	Z	5.48	34
77	MP7	X	0	46
78	MP7	Z	6.19	46
79	MP7	X	0	76
80	MP7	Z	6.19	76
81	MP6	X	0	6
82	MP6	Z	24.32	6
83	MP6	X	0	90
84	MP6	Z	24.32	90
85	MP6	X	0	18
86	MP6	Z	5.08	18
87	MP6	X	0	45
88	MP6	Z	5.08	45
89	MP8	X	0	18
90	MP8	Z	5.08	18
91	MP8	X	0	45
92	MP8	Z	5.08	45
93	MP6	X	0	48
94	MP6	Z	2.75	48
95	MP6	X	0	63
96	MP6	Z	2.75	63
97	MP6	X	0	18
98	MP6	Z	2.83	18
99	MP6	X	0	33
100	MP6	Z	2.83	33
101	MP8	X	0	18
102	MP8	Z	3.78	18
103	MP8	X	0	36
104	MP8	Z	3.78	36
105	MP8	X	0	48

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
106	MP8	Z	3.36	48
107	MP8	X	0	63
108	MP8	Z	3.36	63
109	MP6	X	0	48
110	MP6	Z	4.35	48
111	MP6	X	0	68
112	MP6	Z	4.35	68
113	R2	X	0	30
114	R2	Z	5.04	30
115	R2	X	0	30
116	R2	Z	5.04	30
117	R2	X	0	24
118	R2	Z	7.04	24
119	R2	X	0	24
120	R2	Z	7.04	24
121	MP12	X	0	6
122	MP12	Z	16.38	6
123	MP12	X	0	78
124	MP12	Z	16.38	78
125	MP11	X	0	6
126	MP11	Z	5.48	6
127	MP11	X	0	34
128	MP11	Z	5.48	34
129	MP11	X	0	46
130	MP11	Z	6.19	46
131	MP11	X	0	76
132	MP11	Z	6.19	76
133	MP10	X	0	6
134	MP10	Z	17.67	6
135	MP10	X	0	78
136	MP10	Z	17.67	78
137	MP10	X	0	18
138	MP10	Z	5.08	18
139	MP10	X	0	45
140	MP10	Z	5.08	45
141	MP12	X	0	18
142	MP12	Z	5.08	18
143	MP12	X	0	45
144	MP12	Z	5.08	45
145	MP10	X	0	48
146	MP10	Z	2.75	48
147	MP10	X	0	63
148	MP10	Z	2.75	63
149	MP10	X	0	18
150	MP10	Z	2.83	18
151	MP10	X	0	33

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
152	MP10	Z	2.83	33
153	MP12	X	0	18
154	MP12	Z	3.78	18
155	MP12	X	0	36
156	MP12	Z	3.78	36
157	MP12	X	0	48
158	MP12	Z	3.36	48
159	MP12	X	0	63
160	MP12	Z	3.36	63
161	MP10	X	0	48
162	MP10	Z	4.35	48
163	MP10	X	0	68
164	MP10	Z	4.35	68
165	R3	X	0	30
166	R3	Z	5.04	30
167	R3	X	0	30
168	R3	Z	5.04	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	3.33	6
2	MP1	Z	5.77	6
3	MP1	X	3.33	34
4	MP1	Z	5.77	34
5	MP1	X	3.65	46
6	MP1	Z	6.31	46
7	MP1	X	3.65	76
8	MP1	Z	6.31	76
9	MP4	X	13.2	6
10	MP4	Z	22.86	6
11	MP4	X	13.2	78
12	MP4	Z	22.86	78
13	MP2	X	15.29	6
14	MP2	Z	26.48	6
15	MP2	X	15.29	90
16	MP2	Z	26.48	90
17	MP2	X	2.81	18
18	MP2	Z	4.86	18
19	MP2	X	2.81	45
20	MP2	Z	4.86	45
21	MP2	X	2.81	18
22	MP2	Z	4.86	18
23	MP2	X	2.81	45
24	MP2	Z	4.86	45
25	MP2	X	1.65	48
26	MP2	Z	2.86	48

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
27	MP2	X	1.65	63
28	MP2	Z	2.86	63
29	MP4	X	2.03	18
30	MP4	Z	3.51	18
31	MP4	X	2.03	36
32	MP4	Z	3.51	36
33	MP4	X	1.75	18
34	MP4	Z	3.04	18
35	MP4	X	1.75	33
36	MP4	Z	3.04	33
37	MP2	X	2.81	48
38	MP2	Z	4.86	48
39	MP2	X	2.81	68
40	MP2	Z	4.86	68
41	MP4	X	0.75	39
42	MP4	Z	1.3	39
43	MP4	X	0.75	47
44	MP4	Z	1.3	47
45	MP4	X	0.75	39
46	MP4	Z	1.3	39
47	MP4	X	0.75	47
48	MP4	Z	1.3	47
49	MP4	X	0.75	50
50	MP4	Z	1.3	50
51	MP4	X	0.75	58
52	MP4	Z	1.3	58
53	MP4	X	0.75	50
54	MP4	Z	1.3	50
55	MP4	X	0.75	58
56	MP4	Z	1.3	58
57	MP4	X	0.75	61
58	MP4	Z	1.3	61
59	MP4	X	0.75	69
60	MP4	Z	1.3	69
61	R1	X	2.52	30
62	R1	Z	4.37	30
63	R1	X	2.52	30
64	R1	Z	4.37	30
65	R1	X	2.52	42
66	R1	Z	4.37	42
67	R1	X	2.52	42
68	R1	Z	4.37	42
69	MP8	X	14.52	6
70	MP8	Z	25.15	6
71	MP8	X	14.52	90
72	MP8	Z	25.15	90

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
73	MP7	X	3.33	6
74	MP7	Z	5.77	6
75	MP7	X	3.33	34
76	MP7	Z	5.77	34
77	MP7	X	3.65	46
78	MP7	Z	6.31	46
79	MP7	X	3.65	76
80	MP7	Z	6.31	76
81	MP6	X	15.29	6
82	MP6	Z	26.48	6
83	MP6	X	15.29	90
84	MP6	Z	26.48	90
85	MP6	X	2.81	18
86	MP6	Z	4.86	18
87	MP6	X	2.81	45
88	MP6	Z	4.86	45
89	MP8	X	2.81	18
90	MP8	Z	4.86	18
91	MP8	X	2.81	45
92	MP8	Z	4.86	45
93	MP6	X	1.65	48
94	MP6	Z	2.86	48
95	MP6	X	1.65	63
96	MP6	Z	2.86	63
97	MP6	X	1.67	18
98	MP6	Z	2.89	18
99	MP6	X	1.67	33
100	MP6	Z	2.89	33
101	MP8	X	2.03	18
102	MP8	Z	3.51	18
103	MP8	X	2.03	36
104	MP8	Z	3.51	36
105	MP8	X	1.75	48
106	MP8	Z	3.04	48
107	MP8	X	1.75	63
108	MP8	Z	3.04	63
109	MP6	X	2.81	48
110	MP6	Z	4.86	48
111	MP6	X	2.81	68
112	MP6	Z	4.86	68
113	R2	X	2.52	30
114	R2	Z	4.37	30
115	R2	X	2.52	30
116	R2	Z	4.37	30
117	R2	X	4.23	24
118	R2	Z	7.33	24

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
119	R2	X	4.23	24
120	R2	Z	7.33	24
121	MP12	X	7.09	6
122	MP12	Z	12.29	6
123	MP12	X	7.09	78
124	MP12	Z	12.29	78
125	MP11	X	2.45	6
126	MP11	Z	4.24	6
127	MP11	X	2.45	34
128	MP11	Z	4.24	34
129	MP11	X	2.82	46
130	MP11	Z	4.88	46
131	MP11	X	2.82	76
132	MP11	Z	4.88	76
133	MP10	X	7.71	6
134	MP10	Z	13.35	6
135	MP10	X	7.71	78
136	MP10	Z	13.35	78
137	MP10	X	2.41	18
138	MP10	Z	4.17	18
139	MP10	X	2.41	45
140	MP10	Z	4.17	45
141	MP12	X	2.41	18
142	MP12	Z	4.17	18
143	MP12	X	2.41	45
144	MP12	Z	4.17	45
145	MP10	X	1.23	48
146	MP10	Z	2.14	48
147	MP10	X	1.23	63
148	MP10	Z	2.14	63
149	MP10	X	1.29	18
150	MP10	Z	2.23	18
151	MP10	X	1.29	33
152	MP10	Z	2.23	33
153	MP12	X	1.82	18
154	MP12	Z	3.15	18
155	MP12	X	1.82	36
156	MP12	Z	3.15	36
157	MP12	X	1.65	48
158	MP12	Z	2.85	48
159	MP12	X	1.65	63
160	MP12	Z	2.85	63
161	MP10	X	1.86	48
162	MP10	Z	3.23	48
163	MP10	X	1.86	68
164	MP10	Z	3.23	68

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
165	R3	X	2.52	30
166	R3	Z	4.37	30
167	R3	X	2.52	30
168	R3	Z	4.37	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	4.75	6
2	MP1	Z	2.74	6
3	MP1	X	4.75	34
4	MP1	Z	2.74	34
5	MP1	X	5.36	46
6	MP1	Z	3.1	46
7	MP1	X	5.36	76
8	MP1	Z	3.1	76
9	MP4	X	23.24	6
10	MP4	Z	13.42	6
11	MP4	X	23.24	78
12	MP4	Z	13.42	78
13	MP2	X	21.06	6
14	MP2	Z	12.16	6
15	MP2	X	21.06	90
16	MP2	Z	12.16	90
17	MP2	X	4.4	18
18	MP2	Z	2.54	18
19	MP2	X	4.4	45
20	MP2	Z	2.54	45
21	MP2	X	4.4	18
22	MP2	Z	2.54	18
23	MP2	X	4.4	45
24	MP2	Z	2.54	45
25	MP2	X	2.38	48
26	MP2	Z	1.37	48
27	MP2	X	2.38	63
28	MP2	Z	1.37	63
29	MP4	X	3.27	18
30	MP4	Z	1.89	18
31	MP4	X	3.27	36
32	MP4	Z	1.89	36
33	MP4	X	2.91	18
34	MP4	Z	1.68	18
35	MP4	X	2.91	33
36	MP4	Z	1.68	33
37	MP2	X	3.77	48
38	MP2	Z	2.18	48
39	MP2	X	3.77	68

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
40	MP2	Z	2.18	68
41	MP4	X	1.18	39
42	MP4	Z	0.68	39
43	MP4	X	1.18	47
44	MP4	Z	0.68	47
45	MP4	X	1.18	39
46	MP4	Z	0.68	39
47	MP4	X	1.18	47
48	MP4	Z	0.68	47
49	MP4	X	1.18	50
50	MP4	Z	0.68	50
51	MP4	X	1.18	58
52	MP4	Z	0.68	58
53	MP4	X	1.18	50
54	MP4	Z	0.68	50
55	MP4	X	1.18	58
56	MP4	Z	0.68	58
57	MP4	X	1.18	61
58	MP4	Z	0.68	61
59	MP4	X	1.18	69
60	MP4	Z	0.68	69
61	R1	X	4.37	30
62	R1	Z	2.52	30
63	R1	X	4.37	30
64	R1	Z	2.52	30
65	R1	X	4.37	42
66	R1	Z	2.52	42
67	R1	X	4.37	42
68	R1	Z	2.52	42
69	MP8	X	27.83	6
70	MP8	Z	16.07	6
71	MP8	X	27.83	90
72	MP8	Z	16.07	90
73	MP7	X	6.28	6
74	MP7	Z	3.62	6
75	MP7	X	6.28	34
76	MP7	Z	3.62	34
77	MP7	X	6.79	46
78	MP7	Z	3.92	46
79	MP7	X	6.79	76
80	MP7	Z	3.92	76
81	MP6	X	29.2	6
82	MP6	Z	16.86	6
83	MP6	X	29.2	90
84	MP6	Z	16.86	90
85	MP6	X	5.09	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
86	MP6	Z	2.94	18
87	MP6	X	5.09	45
88	MP6	Z	2.94	45
89	MP8	X	5.09	18
90	MP8	Z	2.94	18
91	MP8	X	5.09	45
92	MP8	Z	2.94	45
93	MP6	X	3.1	48
94	MP6	Z	1.79	48
95	MP6	X	3.1	63
96	MP6	Z	1.79	63
97	MP6	X	3.11	18
98	MP6	Z	1.79	18
99	MP6	X	3.11	33
100	MP6	Z	1.79	33
101	MP8	X	3.63	18
102	MP8	Z	2.1	18
103	MP8	X	3.63	36
104	MP8	Z	2.1	36
105	MP8	X	3.1	48
106	MP8	Z	1.79	48
107	MP8	X	3.1	63
108	MP8	Z	1.79	63
109	MP6	X	5.41	48
110	MP6	Z	3.12	48
111	MP6	X	5.41	68
112	MP6	Z	3.12	68
113	R2	X	4.37	30
114	R2	Z	2.52	30
115	R2	X	4.37	30
116	R2	Z	2.52	30
117	R2	X	7.95	24
118	R2	Z	4.59	24
119	R2	X	7.95	24
120	R2	Z	4.59	24
121	MP12	X	14.19	6
122	MP12	Z	8.19	6
123	MP12	X	14.19	78
124	MP12	Z	8.19	78
125	MP11	X	4.75	6
126	MP11	Z	2.74	6
127	MP11	X	4.75	34
128	MP11	Z	2.74	34
129	MP11	X	5.36	46
130	MP11	Z	3.1	46
131	MP11	X	5.36	76

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
132	MP11	Z	3.1	76
133	MP10	X	15.3	6
134	MP10	Z	8.83	6
135	MP10	X	15.3	78
136	MP10	Z	8.83	78
137	MP10	X	4.4	18
138	MP10	Z	2.54	18
139	MP10	X	4.4	45
140	MP10	Z	2.54	45
141	MP12	X	4.4	18
142	MP12	Z	2.54	18
143	MP12	X	4.4	45
144	MP12	Z	2.54	45
145	MP10	X	2.38	48
146	MP10	Z	1.37	48
147	MP10	X	2.38	63
148	MP10	Z	1.37	63
149	MP10	X	2.45	18
150	MP10	Z	1.41	18
151	MP10	X	2.45	33
152	MP10	Z	1.41	33
153	MP12	X	3.27	18
154	MP12	Z	1.89	18
155	MP12	X	3.27	36
156	MP12	Z	1.89	36
157	MP12	X	2.91	48
158	MP12	Z	1.68	48
159	MP12	X	2.91	63
160	MP12	Z	1.68	63
161	MP10	X	3.77	48
162	MP10	Z	2.18	48
163	MP10	X	3.77	68
164	MP10	Z	2.18	68
165	R3	X	4.37	30
166	R3	Z	2.52	30
167	R3	X	4.37	30
168	R3	Z	2.52	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	4.9	6
2	MP1	Z	0	6
3	MP1	X	4.9	34
4	MP1	Z	0	34
5	MP1	X	5.64	46
6	MP1	Z	0	46

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
7	MP1	X	5.64	76
8	MP1	Z	0	76
9	MP4	X	27.05	6
10	MP4	Z	0	6
11	MP4	X	27.05	78
12	MP4	Z	0	78
13	MP2	X	21.19	6
14	MP2	Z	0	6
15	MP2	X	21.19	90
16	MP2	Z	0	90
17	MP2	X	4.82	18
18	MP2	Z	0	18
19	MP2	X	4.82	45
20	MP2	Z	0	45
21	MP2	X	4.82	18
22	MP2	Z	0	18
23	MP2	X	4.82	45
24	MP2	Z	0	45
25	MP2	X	2.47	48
26	MP2	Z	0	48
27	MP2	X	2.47	63
28	MP2	Z	0	63
29	MP4	X	3.64	18
30	MP4	Z	0	18
31	MP4	X	3.64	36
32	MP4	Z	0	36
33	MP4	X	3.29	18
34	MP4	Z	0	18
35	MP4	X	3.29	33
36	MP4	Z	0	33
37	MP2	X	3.72	48
38	MP2	Z	0	48
39	MP2	X	3.72	68
40	MP2	Z	0	68
41	MP4	X	1.29	39
42	MP4	Z	0	39
43	MP4	X	1.29	47
44	MP4	Z	0	47
45	MP4	X	1.29	39
46	MP4	Z	0	39
47	MP4	X	1.29	47
48	MP4	Z	0	47
49	MP4	X	1.29	50
50	MP4	Z	0	50
51	MP4	X	1.29	58
52	MP4	Z	0	58

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
53	MP4	X	1.29	50
54	MP4	Z	0	50
55	MP4	X	1.29	58
56	MP4	Z	0	58
57	MP4	X	1.29	61
58	MP4	Z	0	61
59	MP4	X	1.29	69
60	MP4	Z	0	69
61	R1	X	5.04	30
62	R1	Z	0	30
63	R1	X	5.04	30
64	R1	Z	0	30
65	R1	X	5.04	42
66	R1	Z	0	42
67	R1	X	5.04	42
68	R1	Z	0	42
69	MP8	X	29.04	6
70	MP8	Z	0	6
71	MP8	X	29.04	90
72	MP8	Z	0	90
73	MP7	X	6.66	6
74	MP7	Z	0	6
75	MP7	X	6.66	34
76	MP7	Z	0	34
77	MP7	X	7.29	46
78	MP7	Z	0	46
79	MP7	X	7.29	76
80	MP7	Z	0	76
81	MP6	X	30.58	6
82	MP6	Z	0	6
83	MP6	X	30.58	90
84	MP6	Z	0	90
85	MP6	X	5.62	18
86	MP6	Z	0	18
87	MP6	X	5.62	45
88	MP6	Z	0	45
89	MP8	X	5.62	18
90	MP8	Z	0	18
91	MP8	X	5.62	45
92	MP8	Z	0	45
93	MP6	X	3.31	48
94	MP6	Z	0	48
95	MP6	X	3.31	63
96	MP6	Z	0	63
97	MP6	X	3.33	18
98	MP6	Z	0	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
99	MP6	X	3.33	33
100	MP6	Z	0	33
101	MP8	X	4.05	18
102	MP8	Z	0	18
103	MP8	X	4.05	36
104	MP8	Z	0	36
105	MP8	X	3.51	48
106	MP8	Z	0	48
107	MP8	X	3.51	63
108	MP8	Z	0	63
109	MP6	X	5.61	48
110	MP6	Z	0	48
111	MP6	X	5.61	68
112	MP6	Z	0	68
113	R2	X	5.04	30
114	R2	Z	0	30
115	R2	X	5.04	30
116	R2	Z	0	30
117	R2	X	8.46	24
118	R2	Z	0	24
119	R2	X	8.46	24
120	R2	Z	0	24
121	MP12	X	20.77	6
122	MP12	Z	0	6
123	MP12	X	20.77	78
124	MP12	Z	0	78
125	MP11	X	6.66	6
126	MP11	Z	0	6
127	MP11	X	6.66	34
128	MP11	Z	0	34
129	MP11	X	7.29	46
130	MP11	Z	0	46
131	MP11	X	7.29	76
132	MP11	Z	0	76
133	MP10	X	22.18	6
134	MP10	Z	0	6
135	MP10	X	22.18	78
136	MP10	Z	0	78
137	MP10	X	5.62	18
138	MP10	Z	0	18
139	MP10	X	5.62	45
140	MP10	Z	0	45
141	MP12	X	5.62	18
142	MP12	Z	0	18
143	MP12	X	5.62	45
144	MP12	Z	0	45

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
145	MP10	X	3.31	48
146	MP10	Z	0	48
147	MP10	X	3.31	63
148	MP10	Z	0	63
149	MP10	X	3.33	18
150	MP10	Z	0	18
151	MP10	X	3.33	33
152	MP10	Z	0	33
153	MP12	X	4.05	18
154	MP12	Z	0	18
155	MP12	X	4.05	36
156	MP12	Z	0	36
157	MP12	X	3.51	48
158	MP12	Z	0	48
159	MP12	X	3.51	63
160	MP12	Z	0	63
161	MP10	X	5.61	48
162	MP10	Z	0	48
163	MP10	X	5.61	68
164	MP10	Z	0	68
165	R3	X	5.04	30
166	R3	Z	0	30
167	R3	X	5.04	30
168	R3	Z	0	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	4.75	6
2	MP1	Z	-2.74	6
3	MP1	X	4.75	34
4	MP1	Z	-2.74	34
5	MP1	X	5.36	46
6	MP1	Z	-3.1	46
7	MP1	X	5.36	76
8	MP1	Z	-3.1	76
9	MP4	X	23.24	6
10	MP4	Z	-13.42	6
11	MP4	X	23.24	78
12	MP4	Z	-13.42	78
13	MP2	X	21.06	6
14	MP2	Z	-12.16	6
15	MP2	X	21.06	90
16	MP2	Z	-12.16	90
17	MP2	X	4.4	18
18	MP2	Z	-2.54	18
19	MP2	X	4.4	45

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
20	MP2	Z	-2.54	45
21	MP2	X	4.4	18
22	MP2	Z	-2.54	18
23	MP2	X	4.4	45
24	MP2	Z	-2.54	45
25	MP2	X	2.38	48
26	MP2	Z	-1.37	48
27	MP2	X	2.38	63
28	MP2	Z	-1.37	63
29	MP4	X	3.27	18
30	MP4	Z	-1.89	18
31	MP4	X	3.27	36
32	MP4	Z	-1.89	36
33	MP4	X	2.91	18
34	MP4	Z	-1.68	18
35	MP4	X	2.91	33
36	MP4	Z	-1.68	33
37	MP2	X	3.77	48
38	MP2	Z	-2.18	48
39	MP2	X	3.77	68
40	MP2	Z	-2.18	68
41	MP4	X	1.18	39
42	MP4	Z	-0.68	39
43	MP4	X	1.18	47
44	MP4	Z	-0.68	47
45	MP4	X	1.18	39
46	MP4	Z	-0.68	39
47	MP4	X	1.18	47
48	MP4	Z	-0.68	47
49	MP4	X	1.18	50
50	MP4	Z	-0.68	50
51	MP4	X	1.18	58
52	MP4	Z	-0.68	58
53	MP4	X	1.18	50
54	MP4	Z	-0.68	50
55	MP4	X	1.18	58
56	MP4	Z	-0.68	58
57	MP4	X	1.18	61
58	MP4	Z	-0.68	61
59	MP4	X	1.18	69
60	MP4	Z	-0.68	69
61	R1	X	4.37	30
62	R1	Z	-2.52	30
63	R1	X	4.37	30
64	R1	Z	-2.52	30
65	R1	X	4.37	42

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
66	R1	Z	-2.52	42
67	R1	X	4.37	42
68	R1	Z	-2.52	42
69	MP8	X	19.8	6
70	MP8	Z	-11.43	6
71	MP8	X	19.8	90
72	MP8	Z	-11.43	90
73	MP7	X	4.75	6
74	MP7	Z	-2.74	6
75	MP7	X	4.75	34
76	MP7	Z	-2.74	34
77	MP7	X	5.36	46
78	MP7	Z	-3.1	46
79	MP7	X	5.36	76
80	MP7	Z	-3.1	76
81	MP6	X	21.06	6
82	MP6	Z	-12.16	6
83	MP6	X	21.06	90
84	MP6	Z	-12.16	90
85	MP6	X	4.4	18
86	MP6	Z	-2.54	18
87	MP6	X	4.4	45
88	MP6	Z	-2.54	45
89	MP8	X	4.4	18
90	MP8	Z	-2.54	18
91	MP8	X	4.4	45
92	MP8	Z	-2.54	45
93	MP6	X	2.38	48
94	MP6	Z	-1.37	48
95	MP6	X	2.38	63
96	MP6	Z	-1.37	63
97	MP6	X	2.45	18
98	MP6	Z	-1.41	18
99	MP6	X	2.45	33
100	MP6	Z	-1.41	33
101	MP8	X	3.27	18
102	MP8	Z	-1.89	18
103	MP8	X	3.27	36
104	MP8	Z	-1.89	36
105	MP8	X	2.91	48
106	MP8	Z	-1.68	48
107	MP8	X	2.91	63
108	MP8	Z	-1.68	63
109	MP6	X	3.77	48
110	MP6	Z	-2.18	48
111	MP6	X	3.77	68

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
112	MP6	Z	-2.18	68
113	R2	X	4.37	30
114	R2	Z	-2.52	30
115	R2	X	4.37	30
116	R2	Z	-2.52	30
117	R2	X	6.09	24
118	R2	Z	-3.52	24
119	R2	X	6.09	24
120	R2	Z	-3.52	24
121	MP12	X	19.89	6
122	MP12	Z	-11.48	6
123	MP12	X	19.89	78
124	MP12	Z	-11.48	78
125	MP11	X	6.28	6
126	MP11	Z	-3.62	6
127	MP11	X	6.28	34
128	MP11	Z	-3.62	34
129	MP11	X	6.79	46
130	MP11	Z	-3.92	46
131	MP11	X	6.79	76
132	MP11	Z	-3.92	76
133	MP10	X	21.17	6
134	MP10	Z	-12.22	6
135	MP10	X	21.17	78
136	MP10	Z	-12.22	78
137	MP10	X	5.09	18
138	MP10	Z	-2.94	18
139	MP10	X	5.09	45
140	MP10	Z	-2.94	45
141	MP12	X	5.09	18
142	MP12	Z	-2.94	18
143	MP12	X	5.09	45
144	MP12	Z	-2.94	45
145	MP10	X	3.1	48
146	MP10	Z	-1.79	48
147	MP10	X	3.1	63
148	MP10	Z	-1.79	63
149	MP10	X	3.11	18
150	MP10	Z	-1.79	18
151	MP10	X	3.11	33
152	MP10	Z	-1.79	33
153	MP12	X	3.63	18
154	MP12	Z	-2.1	18
155	MP12	X	3.63	36
156	MP12	Z	-2.1	36
157	MP12	X	3.1	48

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
158	MP12	Z	-1.79	48
159	MP12	X	3.1	63
160	MP12	Z	-1.79	63
161	MP10	X	5.41	48
162	MP10	Z	-3.12	48
163	MP10	X	5.41	68
164	MP10	Z	-3.12	68
165	R3	X	4.37	30
166	R3	Z	-2.52	30
167	R3	X	4.37	30
168	R3	Z	-2.52	30

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	3.33	6
2	MP1	Z	-5.77	6
3	MP1	X	3.33	34
4	MP1	Z	-5.77	34
5	MP1	X	3.65	46
6	MP1	Z	-6.31	46
7	MP1	X	3.65	76
8	MP1	Z	-6.31	76
9	MP4	X	13.2	6
10	MP4	Z	-22.86	6
11	MP4	X	13.2	78
12	MP4	Z	-22.86	78
13	MP2	X	15.29	6
14	MP2	Z	-26.48	6
15	MP2	X	15.29	90
16	MP2	Z	-26.48	90
17	MP2	X	2.81	18
18	MP2	Z	-4.86	18
19	MP2	X	2.81	45
20	MP2	Z	-4.86	45
21	MP2	X	2.81	18
22	MP2	Z	-4.86	18
23	MP2	X	2.81	45
24	MP2	Z	-4.86	45
25	MP2	X	1.65	48
26	MP2	Z	-2.86	48
27	MP2	X	1.65	63
28	MP2	Z	-2.86	63
29	MP4	X	2.03	18
30	MP4	Z	-3.51	18
31	MP4	X	2.03	36
32	MP4	Z	-3.51	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
33	MP4	X	1.75	18
34	MP4	Z	-3.04	18
35	MP4	X	1.75	33
36	MP4	Z	-3.04	33
37	MP2	X	2.81	48
38	MP2	Z	-4.86	48
39	MP2	X	2.81	68
40	MP2	Z	-4.86	68
41	MP4	X	0.75	39
42	MP4	Z	-1.3	39
43	MP4	X	0.75	47
44	MP4	Z	-1.3	47
45	MP4	X	0.75	39
46	MP4	Z	-1.3	39
47	MP4	X	0.75	47
48	MP4	Z	-1.3	47
49	MP4	X	0.75	50
50	MP4	Z	-1.3	50
51	MP4	X	0.75	58
52	MP4	Z	-1.3	58
53	MP4	X	0.75	50
54	MP4	Z	-1.3	50
55	MP4	X	0.75	58
56	MP4	Z	-1.3	58
57	MP4	X	0.75	61
58	MP4	Z	-1.3	61
59	MP4	X	0.75	69
60	MP4	Z	-1.3	69
61	R1	X	2.52	30
62	R1	Z	-4.37	30
63	R1	X	2.52	30
64	R1	Z	-4.37	30
65	R1	X	2.52	42
66	R1	Z	-4.37	42
67	R1	X	2.52	42
68	R1	Z	-4.37	42
69	MP8	X	9.88	6
70	MP8	Z	-17.12	6
71	MP8	X	9.88	90
72	MP8	Z	-17.12	90
73	MP7	X	2.45	6
74	MP7	Z	-4.24	6
75	MP7	X	2.45	34
76	MP7	Z	-4.24	34
77	MP7	X	2.82	46
78	MP7	Z	-4.88	46

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
79	MP7	X	2.82	76
80	MP7	Z	-4.88	76
81	MP6	X	10.59	6
82	MP6	Z	-18.35	6
83	MP6	X	10.59	90
84	MP6	Z	-18.35	90
85	MP6	X	2.41	18
86	MP6	Z	-4.17	18
87	MP6	X	2.41	45
88	MP6	Z	-4.17	45
89	MP8	X	2.41	18
90	MP8	Z	-4.17	18
91	MP8	X	2.41	45
92	MP8	Z	-4.17	45
93	MP6	X	1.23	48
94	MP6	Z	-2.14	48
95	MP6	X	1.23	63
96	MP6	Z	-2.14	63
97	MP6	X	1.29	18
98	MP6	Z	-2.23	18
99	MP6	X	1.29	33
100	MP6	Z	-2.23	33
101	MP8	X	1.82	18
102	MP8	Z	-3.15	18
103	MP8	X	1.82	36
104	MP8	Z	-3.15	36
105	MP8	X	1.65	48
106	MP8	Z	-2.85	48
107	MP8	X	1.65	63
108	MP8	Z	-2.85	63
109	MP6	X	1.86	48
110	MP6	Z	-3.23	48
111	MP6	X	1.86	68
112	MP6	Z	-3.23	68
113	R2	X	2.52	30
114	R2	Z	-4.37	30
115	R2	X	2.52	30
116	R2	Z	-4.37	30
117	R2	X	3.16	24
118	R2	Z	-5.48	24
119	R2	X	3.16	24
120	R2	Z	-5.48	24
121	MP12	X	10.39	6
122	MP12	Z	-17.99	6
123	MP12	X	10.39	78
124	MP12	Z	-17.99	78

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
125	MP11	X	3.33	6
126	MP11	Z	-5.77	6
127	MP11	X	3.33	34
128	MP11	Z	-5.77	34
129	MP11	X	3.65	46
130	MP11	Z	-6.31	46
131	MP11	X	3.65	76
132	MP11	Z	-6.31	76
133	MP10	X	11.09	6
134	MP10	Z	-19.21	6
135	MP10	X	11.09	78
136	MP10	Z	-19.21	78
137	MP10	X	2.81	18
138	MP10	Z	-4.86	18
139	MP10	X	2.81	45
140	MP10	Z	-4.86	45
141	MP12	X	2.81	18
142	MP12	Z	-4.86	18
143	MP12	X	2.81	45
144	MP12	Z	-4.86	45
145	MP10	X	1.65	48
146	MP10	Z	-2.86	48
147	MP10	X	1.65	63
148	MP10	Z	-2.86	63
149	MP10	X	1.67	18
150	MP10	Z	-2.89	18
151	MP10	X	1.67	33
152	MP10	Z	-2.89	33
153	MP12	X	2.03	18
154	MP12	Z	-3.51	18
155	MP12	X	2.03	36
156	MP12	Z	-3.51	36
157	MP12	X	1.75	48
158	MP12	Z	-3.04	48
159	MP12	X	1.75	63
160	MP12	Z	-3.04	63
161	MP10	X	2.81	48
162	MP10	Z	-4.86	48
163	MP10	X	2.81	68
164	MP10	Z	-4.86	68
165	R3	X	2.52	30
166	R3	Z	-4.37	30
167	R3	X	2.52	30
168	R3	Z	-4.37	30

Member Point Loads (BLC 31 : Seismic Load Z)

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	Z	-9.851	6
2	MP1	Z	-9.851	34
3	MP1	Z	-12.142	46
4	MP1	Z	-12.142	76
5	MP4	Z	-19.344	6
6	MP4	Z	-19.344	78
7	MP2	Z	-22.32	6
8	MP2	Z	-22.32	90
9	MP2	Z	-7.872	18
10	MP2	Z	-7.872	45
11	MP2	Z	-7.872	18
12	MP2	Z	-7.872	45
13	MP2	Z	-6.547	48
14	MP2	Z	-6.547	63
15	MP4	Z	-10.565	18
16	MP4	Z	-10.565	36
17	MP4	Z	-10.714	18
18	MP4	Z	-10.714	33
19	MP2	Z	-7.872	48
20	MP2	Z	-7.872	68
21	MP4	Z	-1.845	39
22	MP4	Z	-1.845	47
23	MP4	Z	-1.845	39
24	MP4	Z	-1.845	47
25	MP4	Z	-1.845	50
26	MP4	Z	-1.845	58
27	MP4	Z	-1.845	50
28	MP4	Z	-1.845	58
29	MP4	Z	-1.845	61
30	MP4	Z	-1.845	69
31	R1	Z	-2.812	30
32	R1	Z	-2.812	30
33	R1	Z	-2.812	42
34	R1	Z	-2.812	42
35	MP8	Z	-15.713	6
36	MP8	Z	-15.713	90
37	MP7	Z	-9.851	6
38	MP7	Z	-9.851	34
39	MP7	Z	-12.142	46
40	MP7	Z	-12.142	76
41	MP6	Z	-22.32	6
42	MP6	Z	-22.32	90
43	MP6	Z	-7.872	18
44	MP6	Z	-7.872	45
45	MP8	Z	-7.872	18
46	MP8	Z	-7.872	45

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP6	Z	-6.547	48
48	MP6	Z	-6.547	63
49	MP6	Z	-7.202	18
50	MP6	Z	-7.202	33
51	MP8	Z	-10.565	18
52	MP8	Z	-10.565	36
53	MP8	Z	-10.714	48
54	MP8	Z	-10.714	63
55	MP6	Z	-7.872	48
56	MP6	Z	-7.872	68
57	R2	Z	-2.812	30
58	R2	Z	-2.812	30
59	R2	Z	-3.899	24
60	R2	Z	-3.899	24
61	MP12	Z	-13.288	6
62	MP12	Z	-13.288	78
63	MP11	Z	-9.851	6
64	MP11	Z	-9.851	34
65	MP11	Z	-12.142	46
66	MP11	Z	-12.142	76
67	MP10	Z	-19.344	6
68	MP10	Z	-19.344	78
69	MP10	Z	-7.872	18
70	MP10	Z	-7.872	45
71	MP12	Z	-7.872	18
72	MP12	Z	-7.872	45
73	MP10	Z	-6.547	48
74	MP10	Z	-6.547	63
75	MP10	Z	-7.202	18
76	MP10	Z	-7.202	33
77	MP12	Z	-10.565	18
78	MP12	Z	-10.565	36
79	MP12	Z	-10.714	48
80	MP12	Z	-10.714	63
81	MP10	Z	-7.872	48
82	MP10	Z	-7.872	68
83	R3	Z	-2.812	30
84	R3	Z	-2.812	30

Member Point Loads (BLC 32 : Seismic Load X)

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP1	X	-9.851	6
2	MP1	X	-9.851	34
3	MP1	X	-12.142	46
4	MP1	X	-12.142	76
5	MP4	X	-19.344	6

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
6	MP4	X	-19.344	78
7	MP2	X	-22.32	6
8	MP2	X	-22.32	90
9	MP2	X	-7.872	18
10	MP2	X	-7.872	45
11	MP2	X	-7.872	18
12	MP2	X	-7.872	45
13	MP2	X	-6.547	48
14	MP2	X	-6.547	63
15	MP4	X	-10.565	18
16	MP4	X	-10.565	36
17	MP4	X	-10.714	18
18	MP4	X	-10.714	33
19	MP2	X	-7.872	48
20	MP2	X	-7.872	68
21	MP4	X	-1.845	39
22	MP4	X	-1.845	47
23	MP4	X	-1.845	39
24	MP4	X	-1.845	47
25	MP4	X	-1.845	50
26	MP4	X	-1.845	58
27	MP4	X	-1.845	50
28	MP4	X	-1.845	58
29	MP4	X	-1.845	61
30	MP4	X	-1.845	69
31	R1	X	-2.812	30
32	R1	X	-2.812	30
33	R1	X	-2.812	42
34	R1	X	-2.812	42
35	MP8	X	-15.713	6
36	MP8	X	-15.713	90
37	MP7	X	-9.851	6
38	MP7	X	-9.851	34
39	MP7	X	-12.142	46
40	MP7	X	-12.142	76
41	MP6	X	-22.32	6
42	MP6	X	-22.32	90
43	MP6	X	-7.872	18
44	MP6	X	-7.872	45
45	MP8	X	-7.872	18
46	MP8	X	-7.872	45
47	MP6	X	-6.547	48
48	MP6	X	-6.547	63
49	MP6	X	-7.202	18
50	MP6	X	-7.202	33
51	MP8	X	-10.565	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
52	MP8	X	-10.565	36
53	MP8	X	-10.714	48
54	MP8	X	-10.714	63
55	MP6	X	-7.872	48
56	MP6	X	-7.872	68
57	R2	X	-2.812	30
58	R2	X	-2.812	30
59	R2	X	-3.899	24
60	R2	X	-3.899	24
61	MP12	X	-13.288	6
62	MP12	X	-13.288	78
63	MP11	X	-9.851	6
64	MP11	X	-9.851	34
65	MP11	X	-12.142	46
66	MP11	X	-12.142	76
67	MP10	X	-19.344	6
68	MP10	X	-19.344	78
69	MP10	X	-7.872	18
70	MP10	X	-7.872	45
71	MP12	X	-7.872	18
72	MP12	X	-7.872	45
73	MP10	X	-6.547	48
74	MP10	X	-6.547	63
75	MP10	X	-7.202	18
76	MP10	X	-7.202	33
77	MP12	X	-10.565	18
78	MP12	X	-10.565	36
79	MP12	X	-10.714	48
80	MP12	X	-10.714	63
81	MP10	X	-7.872	48
82	MP10	X	-7.872	68
83	R3	X	-2.812	30
84	R3	X	-2.812	30

Member Area Loads (BLC 1 : Self Weight)

	Node A	Node B	Node C	Node D	Direction	Load Direction	Magnitude [psf]
1	N69	N66	N67	N68	Y	Two Way	-1.75
2	N65	N62	N63	N64	Y	Two Way	-1.75
3	N58	N59	N60	N61	Y	Two Way	-1.75

Member Area Loads (BLC 16 : Ice Weight)

	Node A	Node B	Node C	Node D	Direction	Load Direction	Magnitude [psf]
1	N69	N66	N67	N68	Y	Two Way	-5.59
2	N65	N62	N63	N64	Y	Two Way	-5.59

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

	Node A	Node B	Node C	Node D	Direction	Load Direction	Magnitude [psf]
3	N58	N59	N60	N61	Y	Two Way	-5.59

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

	Node Label	L, D, M	Direction	Magnitude [(lb, lb-ft), (in, rad), (lb*s²/in, lb*s²*in)]
1	N188	L	Y	-250

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

	Node Label	L, D, M	Direction	Magnitude [(lb, lb-ft), (in, rad), (lb*s²/in, lb*s²*in)]
1	N70	L	Y	-500

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

	Node Label	L, D, M	Direction	Magnitude [(lb, lb-ft), (in, rad), (lb*s²/in, lb*s²*in)]
1	N91	L	Y	-500

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

	Node Label	L, D, M	Direction	Magnitude [(lb, lb-ft), (in, rad), (lb*s²/in, lb*s²*in)]
1	N93	L	Y	-500

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

	Node Label	L, D, M	Direction	Magnitude [(lb, lb-ft), (in, rad), (lb*s²/in, lb*s²*in)]
1	N156	L	Y	-500

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

	Node Label	L, D, M	Direction	Magnitude [(lb, lb-ft), (in, rad), (lb*s²/in, lb*s²*in)]
1	N137	L	Y	-500

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

	Node Label	L, D, M	Direction	Magnitude [(lb, lb-ft), (in, rad), (lb*s²/in, lb*s²*in)]
1	N132	L	Y	-500

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

	Node Label	L, D, M	Direction	Magnitude [(lb, lb-ft), (in, rad), (lb*s²/in, lb*s²*in)]
1	N151	L	Y	-500

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

	Node Label	L, D, M	Direction	Magnitude [(lb, lb-ft), (in, rad), (lb*s²/in, lb*s²*in)]
1	N154	L	Y	-500

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

	Node Label	L, D, M	Direction	Magnitude [(lb, lb-ft), (in, rad), (lb*s²/in, lb*s²*in)]
1	N170	L	Y	-500

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

	Node Label	L, D, M	Direction	Magnitude [(lb, lb-ft), (in, rad), (lb*s²/in, lb*s²*in)]
1	N165	L	Y	-500

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

	Node Label	L, D, M	Direction	Magnitude [(lb, lb-ft), (in, rad), (lb*s²/in, lb*s²*in)]
1	N181	L	Y	-500

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

	Node Label	L, D, M	Direction	Magnitude [(lb, lb-ft), (in, rad), (lb*s²/in, lb*s²*in)]
1	N184	L	Y	-500

Envelope Node Reactions

	Node Label		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [lb-ft]	LC	MY [lb-ft]	LC	MZ [lb-ft]	LC
1	N39	max	2305.147	17	632.228	20	5141.35	2	149.257	20	2515.947	11	1288.071	23
2		min	-2311.092	11	-1096.563	124	-3761.72	20	-467.835	124	-2507.993	17	-1398.948	5
3	N4	max	3.954	42	4070.494	2	424.296	20	1144.827	2	46.875	23	100.115	23
4		min	-3.901	60	-894.367	20	-1898.015	2	-251.541	20	-55.164	5	-118.063	5
5	N189	max	4444.289	5	462.258	24	1938.453	14	1130.184	3	2456.051	15	572.542	20
6		min	-3363.461	23	-1011.868	80	-2581.079	8	-824.908	21	-2466.533	9	-628.32	2
7	N191	max	2931.342	16	346.66	17	2394.632	14	1113.221	13	2489.423	7	410.689	25
8		min	-4326.806	10	-1209.821	109	-3199.085	8	-1016.398	19	-2490.118	25	-680.633	7
9	N192	max	364.729	24	3972.81	31	924.342	31	144.523	24	51.585	3	204.846	24
10		min	-1600.695	31	-887.691	24	-210.609	24	-550.743	31	-45.558	21	-972.159	31
11	N200	max	1814.311	35	4499.785	35	1047.548	35	75.358	16	49.194	7	1094.173	35
12		min	-237.047	16	-572.683	16	-136.812	16	-635.832	35	-49.177	13	-142.476	16
13	Totals:	max	8072.356	5	9619.103	32	7785.359	2						
14		min	-8072.344	23	3381.201	61	-7785.357	20						

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

	Member	Shape	Code Check	Loc[in]	LC	Shear Check	Loc[in]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-y [lb-ft]	phi*Mn z-z [lb-ft]	Cb	Eqn
1	MP4	PIPE_2.0	0.547	63	3	0.133	63		3	17855.085	32130	1871.625	1871.625	2.094	H1-1b
2	MP12	PIPE_2.0	0.52	63	7	0.118	63		6	17855.085	32130	1871.625	1871.625	1.717	H1-1b
3	M25	6"x0.37" Plate	0.51	6	3	0.397	8.125	y	11	36689.504	71928	553.5	8991	1.477	H1-1b
4	MP6	PIPE_2.5	0.503	63	10	0.111	63		7	30038.461	50715	3596.25	3596.25	1.968	H1-1b
5	M22	6"x0.37" Plate	0.502	6	11	0.396	8.125	y	7	36689.504	71928	553.5	8991	1.45	H1-1b
6	MP2	PIPE_2.5	0.488	63	13	0.106	63		12	30038.461	50715	3596.25	3596.25	1.936	H1-1b
7	M40	L2x2x2	0.473	0	15	0.011	50.52	y	9	10626.185	15908.4	396.008	720.708	1.5	H2-1
8	M38	L2x2x2	0.472	0	23	0.011	50.52	y	6	10626.185	15908.4	396.008	720.708	1.5	H2-1
9	M17	6"x0.37" Plate	0.471	6	7	0.351	8.125	y	3	36689.504	71928	553.5	8991	1.463	H1-1b
10	M42	L2x2x2	0.437	0	19	0.01	50.52	y	13	10626.205	15908.4	396.008	720.709	1.5	H2-1
11	MP10	PIPE_2.5	0.432	63	5	0.11	63		3	30038.461	50715	3596.25	3596.25	2.447	H1-1b
12	M39	L2x2x2	0.43	0	21	0.01	50.52	z	2	10626.185	15908.4	402.563	720.708	1.5	H2-1
13	MP1	PIPE_2.0	0.424	63	13	0.048	63		12	17855.085	32130	1871.625	1871.625	1.519	H1-1b
14	M43	L2x2x2	0.409	0	17	0.01	50.52	z	10	10626.205	15908.4	402.563	720.709	1.5	H2-1
15	MP8	PIPE_2.5	0.404	63	10	0.071	63		10	30038.461	50715	3596.25	3596.25	1.808	H1-1b
16	MP7	PIPE_2.5	0.379	63	10	0.084	63		13	30038.461	50715	3596.25	3596.25	2.183	H1-1b
17	MP11	PIPE_2.5	0.378	63	6	0.104	63		2	30038.461	50715	3596.25	3596.25	2.283	H1-1b
18	MP3	PIPE_2.5	0.347	63	12	0.094	63		4	30038.461	50715	3596.25	3596.25	2.206	H1-1b
19	MP5	PIPE_2.0	0.338	63	8	0.053	63		4	17855.085	32130	1871.625	1871.625	1.565	H1-1b
20	MP9	PIPE_2.0	0.322	63	4	0.055	63		12	17855.085	32130	1871.625	1871.625	1.653	H1-1b
21	MR3	PIPE_2.0	0.321	51.562	10	0.233	23.438		9	6295.422	32130	1871.625	1871.625	3	H1-1b
22	M41	L2x2x2	0.313	0	12	0.009	0	y	11	10626.185	15908.4	402.563	720.708	1.5	H2-1
23	M111	HSS4X4X4	0.294	0	5	0.104	25.297	z	10	104424.857	106155	12311.25	12311.25	1	H1-1b
24	MS3	HSS4X4X4	0.293	24.952	35	0.201	0	z	7	103814.818	106155	12311.25	12311.25	1	H1-1b
25	M112	HSS4X4X4	0.293	0	9	0.102	25.297	z	2	104424.857	106155	12311.25	12311.25	1	H1-1b
26	R2	PIPE_2.0	0.28	47.5	4	0.029	47.5		4	23808.54	32130	1871.625	1871.625	2.006	H1-1b
27	M35	HSS4X4X4	0.279	29.261	11	0.118	3.962	z	12	104424.857	106155	12311.25	12311.25	1	H1-1b
28	M110	HSS4X4X4	0.276	0	13	0.129	25.297	z	12	104424.857	106155	12311.25	12311.25	1	H1-1b
29	MR2	PIPE_2.0	0.263	96.875	13	0.163	23.437		5	6295.422	32130	1871.625	1871.625	3	H1-1b
30	M29	HSS4X4X4	0.262	29.261	3	0.113	3.962	z	4	104424.857	106155	12311.25	12311.25	1	H1-1b
31	MS1	HSS4X4X4	0.258	24.952	6	0.201	0	z	3	103814.818	106155	12311.25	12311.25	1	H1-1b
32	MR1	PIPE_2.0	0.256	51.562	2	0.208	23.437		13	6295.422	32130	1871.625	1871.625	3	H1-1b
33	MS2	HSS4X4X4	0.25	24.952	2	0.214	0	z	5	103814.818	106155	12311.25	12311.25	1	H1-1b
34	M32	HSS4X4X4	0.246	29.261	6	0.105	3.962	z	7	104424.857	106155	12311.25	12311.25	1	H1-1b
35	MH2	PIPE_3.0	0.243	89.062	5	0.276	60.937		6	59302.836	65205	5748.75	5748.75	1	H3-6
36	MH1	PIPE_3.0	0.196	60.937	11	0.279	60.937		4	59302.836	65205	5748.75	5748.75	1	H3-6
37	MH3	PIPE_3.0	0.186	60.938	3	0.251	89.062		7	59302.836	65205	5748.75	5748.75	1	H3-6
38	MK1	L2.5x2.5x3	0.171	27.102	11	0.001	52.036	z	11	15805.278	29192.4	872.574	1679.686	1.136	H2-1
39	MK3	L2.5x2.5x3	0.167	27.102	3	0.001	52.036	z	201	15805.278	29192.4	872.574	1679.686	1.136	H2-1
40	MK6	L2.5x2.5x3	0.166	27.102	34	0.001	52.036	y	11	15805.278	29192.4	872.574	1679.686	1.136	H2-1
41	MK4	L2.5x2.5x3	0.15	27.102	30	0.001	52.036	y	5	15805.278	29192.4	872.574	1679.686	1.136	H2-1
42	MK5	L2.5x2.5x3	0.148	27.102	7	0.001	52.036	z	5	15805.278	29192.4	872.574	1679.686	1.136	H2-1
43	MK2	L2.5x2.5x3	0.146	27.102	13	0.001	52.036	y	201	15805.278	29192.4	872.574	1679.686	1.136	H2-1
44	MT1	PIPE_2.0	0.086	11.701	9	0.297	28.082		9	30088.134	32130	1871.625	1871.625	1.136	H3-6
45	R1	PIPE_2.0	0.085	47.5	3	0.012	47.5		3	23808.54	32130	1871.625	1871.625	2.062	H1-1b
46	MT3	PIPE_2.0	0.082	11.701	13	0.297	28.082		13	30088.134	32130	1871.625	1871.625	1.136	H3-6

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

	Member	Shape	Code Check	Loc[in]	LC	Shear Check	Loc[in]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-y [lb-ft]	phi*Mn z-z [lb-ft]	Cb	Eqn
47	R3	PIPE_2.0	0.075	47.5	7	0.008	47.5		7	23808.54	32130	1871.625	1871.625	1.985	H1-1b
48	MT2	PIPE_2.0	0.069	15.211	4	0.257	28.082		5	30088.134	32130	1871.625	1871.625	1.136	H3-6

APPENDIX D

ADDITIONAL CALCUATIONS

INFINIGY

FROM ZERO TO INFINIGY

the solutions are endless

Bolt Calculation Tool, V1.5.1

PROJECT DATA	
Site Name:	BRISTOL CENTER
Site Number:	842859
Connection Description:	Standoff to Collar

MAXIMUM BOLT LOADS		
Bolt Tension:	2998.84	lbs
Bolt Shear:	1496.63	lbs

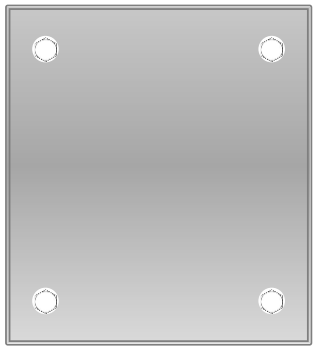
WORST CASE BOLT LOADS[1]		
Bolt Tension:	2998.84	lbs
Bolt Shear:	713.12	lbs

BOLT PROPERTIES		
Bolt Type:	Bolt	-
Bolt Diameter:	0.625	in
Bolt Grade:	A325	-
# of Bolts:	4	-
Threads Excluded?	No	-

[1] *Worst case bolt loads correspond to Load combination #13 on member MS3 in RISA-3D, which causes the maximum demand on the bolts.*

Member Information
I nodes of MS2, MS1, MS3

BOLT CHECK		
Tensile Strength	20340.15	
Shear Strength	13805.83	
Max Tensile Usage	14.7%	
Max Shear Usage	10.8%	
Interaction Check (Worst Case)	0.02	***≤1.05***
Result	Pass	



INFINIGY

FROM ZERO TO INFINIGY

the solutions are endless

Bolt Calculation Tool, V1.5.1

PROJECT DATA	
Site Name:	BRISTOL CENTER
Site Number:	842859
Connection Description:	Kicker to Collar

MAXIMUM BOLT LOADS		
Bolt Tension:	743.40	lbs
Bolt Shear:	1126.73	lbs

WORST CASE BOLT LOADS[1]		
Bolt Tension:	0.00	lbs
Bolt Shear:	1126.73	lbs

BOLT PROPERTIES		
Bolt Type:	Bolt	-
Bolt Diameter:	0.625	in
Bolt Grade:	A325	-
# of Bolts:	4	-
Threads Excluded?	No	-

[1] *Worst case bolt loads correspond to Load combination #35 on member M99 in RISA-3D, which causes the maximum demand on the bolts.*

Member Information
I nodes of M1, M90, M99

BOLT CHECK		
Tensile Strength	20340.15	
Shear Strength	13805.83	
Max Tensile Usage	3.7%	
Max Shear Usage	8.2%	
Interaction Check (Worst Case)	0.01	***≤1.05***
Result	Pass	

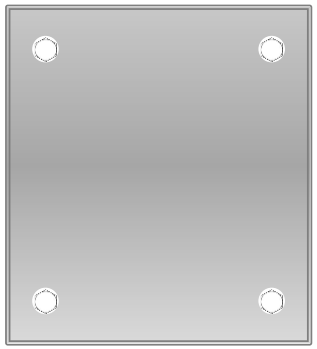


Exhibit F

Power Density/RF Emissions Report

Radio Frequency Safety Survey Report Predictive (RFSSRP) Prepared For AT&T

Site Name:	BRISTOL CENTER
FA#	10070954
USID:	27074
Site ID:	CTL05833
Address:	371 TERRYVILLE AVENUE BRISTOL, CT 06010
County:	HARTFORD
Latitude:	41.67992
Longitude:	-72.96255
Structure Type:	MONOPOLE
Property Owner:	LAVIERO REALTY LLC
Pace Job:	MRCTB055826
RFDS Technology:	5G NR 1SR CBAND

Report Information

Report Writer: Sunita Sati

Report Generated Date: 07-13-2022

Compliance Statement

AT&T Mobility Compliance Statement: Based on the information collected, AT&T Mobility will be Compliant when the remediation recommended in section 5 or appropriate remediation determined by AT&T is implemented

Table of Contents

1. Executive Summary

1.1 Site Summary

Max Predictive Spatial Average MPE% & Location on Site (General Public)	200269.0% on Antennas Centerline Level & at AT&T Sec-C antenna no. #C3-2
Max Predictive Spatial Average MPE% at Ground Level (General Public)	1.0%
AT&T Mobility Site Compliance	AT&T Mobility will be Compliant by implementing remediation recommended as per section 5 in this report.

TABLE 1: Site Summary

1.2 Signage Summary (Proposed)

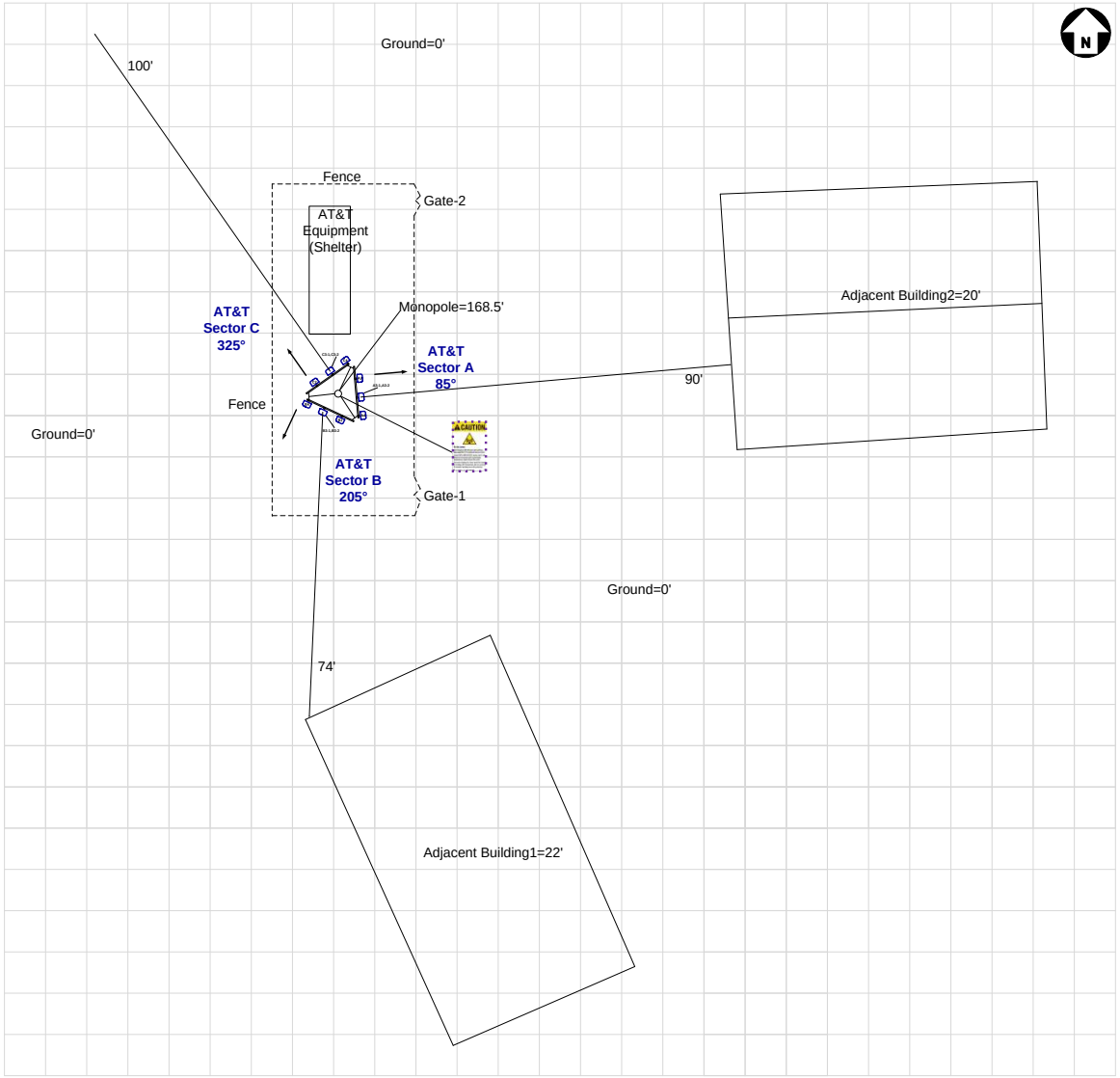
AT&T Signage Locations	Sign Type									
	Safety Instructions	Notice Sign 2	Caution Sign 2	Caution Sign 2B	Caution Sign 2C	Caution 7"x7"	Warning Sign 1B	RF Exposure Map	Lock	Barriers
Access Point(s)				1						
Alpha										
Beta										
Gamma										

TABLE 2: Signage Summary (Proposed)

1.3 List of Documents used to prepare this Report

- *NEW-ENGLAND_CONNECTICUT_CT5833_2021-5G-NR-Radio_5G-NR-1SR-CBAND_mh705r_2051A11N80_10070954_27074_04-16-2021_As-Built-In-Progress_v4.00*
- *CTL05833_842859_BRISTOL_CENTER_AT&T_5G_NR_1SR_CBAND_FCD_Rev0_6.17.22*

2. Site Scale Map



AT&T Antenna	Proposed	Proposed Signage									
Panel	Barrier	Safety Instructions	Notice 2	Caution 2	Caution 2B	Caution 2C	Caution 7"x7"	Warning 1B	RF Exposure Map	Lock	***Map Scale = 10 ft***
OMNI	Posts										

3. Antenna Inventory

Ant ID	Operator	Antenna Mfg	Antenna Model	Antenna Type	FREQ. (MHz)	TECH.	AZ. (0)	HBW (0)	Antenna Gain (dBd)	Antenna Aperture (ft)	Transmitter Power (Watts)	Total Loss (dB)	Total ERP (Watts)	Total EIRP (Watts)
A2	AT&T	Quintel	QD8616-7	Panel	700	LTE(FN)	85	72	12.75	8	120.00	0.5	2014.56	3305.07
A2	AT&T	Quintel	QD8616-7	Panel	700	LTE(B29)	85	72	12.75	8	60.00	0.5	1007.28	1652.54
A2	AT&T	Quintel	QD8616-7	Panel	2300	LTE	85	58	16.25	8	75.00	0.5	2818.78	4624.46
A3-1	AT&T	Ericsson	AIR 6419 B77G^	Panel	3450	5G	85	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
A3-2	AT&T	Ericsson	AIR 6449 B77D^	Panel	3840	5G	85	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
A4	AT&T	Matsing	MS-MBA-3.2-H4-L4	Panel	700	LTE(B12)	85	65	11.35	6	120.00	0.5	1459.42	2394.31
A4	AT&T	Matsing	MS-MBA-3.2-H4-L4	Panel	850	5G	85	65	11.35	6	120.00	0.5	1459.42	2394.31
A4	AT&T	Matsing	MS-MBA-3.2-H4-L4	Panel	1900	LTE/5G	85	65	15.65	6	120.00	1.3	3267.24	5360.20
A4	AT&T	Matsing	MS-MBA-3.2-H4-L4	Panel	2100	LTE/5G	85	65	15.65	6	120.00	1.3	3267.24	5360.20
A4	AT&T	Matsing	MS-MBA-3.2-H4-L4	Panel	1900	LTE/5G	85	65	15.65	6	120.00	1.3	3267.24	5360.20
A4	AT&T	Matsing	MS-MBA-3.2-H4-L4	Panel	2100	LTE/5G	85	65	15.65	6	120.00	1.3	3267.24	5360.20
A4	AT&T	Matsing	MS-MBA-3.2-H4-L4	Panel	700	LTE(B12)	85	65	11.35	6	120.00	0.5	1459.42	2394.31
A4	AT&T	Matsing	MS-MBA-3.2-H4-L4	Panel	850	5G	85	65	11.35	6	120.00	0.5	1459.42	2394.31
A4	AT&T	Matsing	MS-MBA-3.2-H4-L4	Panel	1900	LTE/5G	85	65	15.65	6	120.00	1.3	3267.24	5360.20
A4	AT&T	Matsing	MS-MBA-3.2-H4-L4	Panel	2100	LTE/5G	85	65	15.65	6	120.00	1.3	3267.24	5360.20
B2	AT&T	Quintel	QD8616-7	Panel	700	LTE(FN)	205	72	12.75	8	120.00	0.5	2014.56	3305.07
B2	AT&T	Quintel	QD8616-7	Panel	700	LTE(B29)	205	72	12.75	8	60.00	0.5	1007.28	1652.54
B2	AT&T	Quintel	QD8616-7	Panel	1900	LTE/5G	205	62	15.05	8	120.00	0.5	3421.22	5612.82
B2	AT&T	Quintel	QD8616-7	Panel	2100	LTE/5G	205	62	15.35	8	180.00	0.5	5498.86	9021.37
B3-1	AT&T	Ericsson	AIR 6419 B77G^	Panel	3450	5G	205	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
B3-2	AT&T	Ericsson	AIR 6449 B77D^	Panel	3840	5G	205	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
B4	AT&T	CCI	DMP65R-BU8D	Panel	700	LTE(B12)	205	75	12.95	8	120.00	0.5	2109.51	3460.84
B4	AT&T	CCI	DMP65R-BU8D	Panel	850	5G	205	64	13.85	8	120.00	0.5	2595.26	4257.76
B4	AT&T	CCI	DMP65R-BU8D	Panel	2300	LTE	205	64	15.95	8	75.00	0.5	2630.64	4315.80

Table 3.1: Antenna Inventory Table

Note: **^ Mechanical Tilt value of "0°" MUST be retained for C-BAND and/or DoD AAS antenna(s) at all times to ensure that "EME (Predictive) Study" shall remain valid.**
* 75% TDD duty Cycle, 1.5dB Power Tolerance & 0.32 Power Reduction factor[1] are used to calculate Transmitter Power & ERP/EiRP

Ant ID	Operator	Antenna Mfg	Antenna Model	Antenna Type	FREQ. (MHz)	TECH.	AZ. (0)	HBW (0)	Antenna Gain (dBd)	Antenna Aperture (ft)	Transmitter Power (Watts)	Total Loss (dB)	Total ERP (Watts)	Total EIRP (Watts)
C2	AT&T	Quintel	QD8616-7	Panel	700	LTE(FN)	325	72	12.75	8	120.00	0.5	2014.56	3305.07
C2	AT&T	Quintel	QD8616-7	Panel	700	LTE(B29)	325	72	12.75	8	60.00	0.5	1007.28	1652.54
C2	AT&T	Quintel	QD8616-7	Panel	1900	LTE/5G	325	62	15.05	8	120.00	0.5	3421.22	5612.82
C2	AT&T	Quintel	QD8616-7	Panel	2100	LTE/5G	325	62	15.35	8	180.00	0.5	5498.86	9021.37
C3-1	AT&T	Ericsson	AIR 6419 B77G^	Panel	3450	5G	325	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
C3-2	AT&T	Ericsson	AIR 6449 B77D^	Panel	3840	5G	325	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
C4	AT&T	CCI	DMP65R-BU8D	Panel	700	LTE(B12)	325	75	12.95	8	120.00	0.5	2109.51	3460.84
C4	AT&T	CCI	DMP65R-BU8D	Panel	850	5G	325	64	13.85	8	120.00	0.5	2595.26	4257.76
C4	AT&T	CCI	DMP65R-BU8D	Panel	2300	LTE	325	64	15.95	8	75.00	0.5	2630.64	4315.80

Table 3.2: Antenna Inventory Table

Note: **^ Mechanical Tilt value of "0°" MUST be retained for C-BAND and/or DoD AAS antenna(s) at all times to ensure that "EME (Predictive) Study" shall remain valid.**

* 75% TDD duty Cycle, 1.5dB Power Tolerance & 0.32 Power Reduction factor[1] are used to calculate Transmitter Power & ERP/EiRP

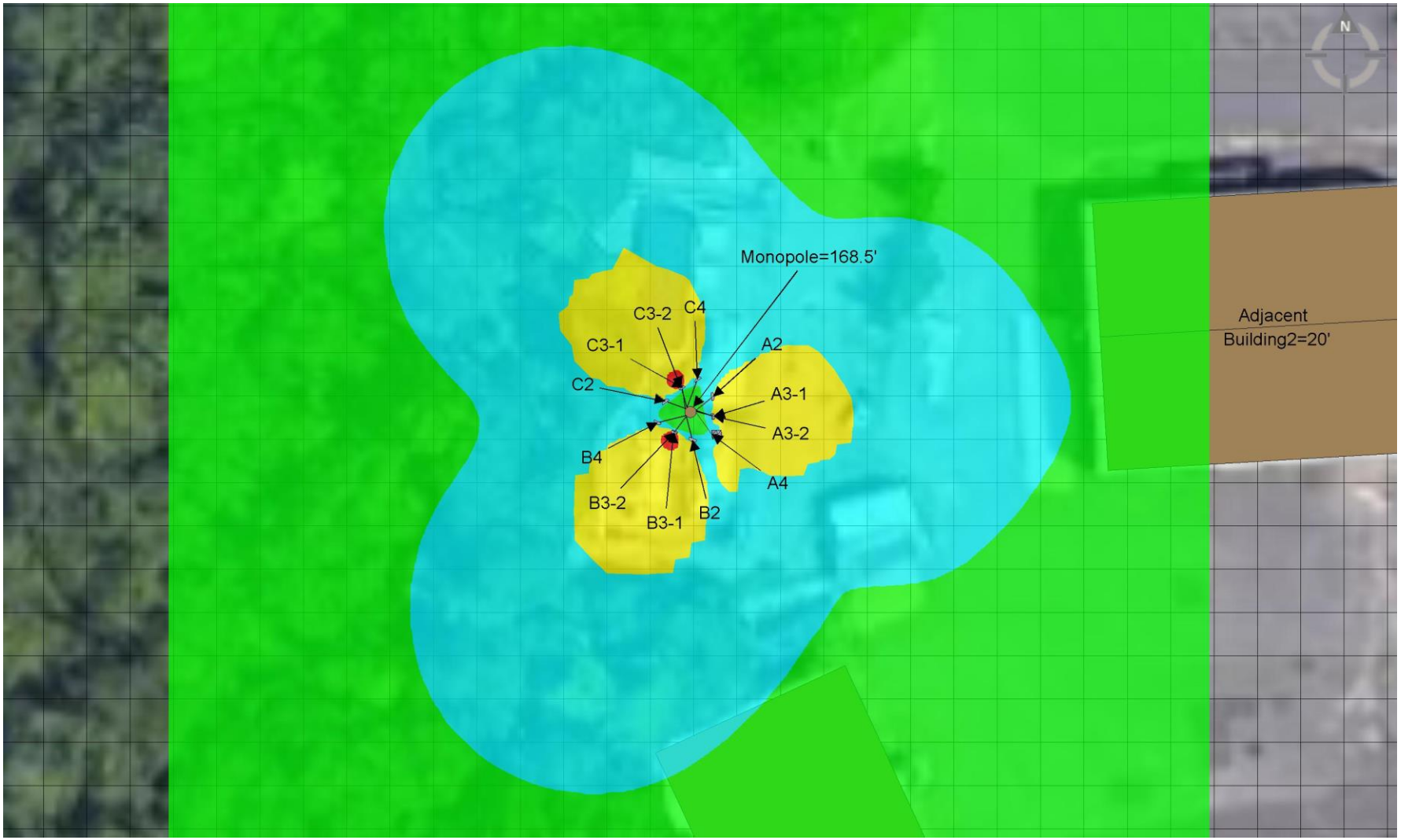
Antenna Heights (Z)

Ant ID	Operator	Antenna Radiation Centerline	Z-Height from Adj Bldg-1	Z-Height from Ground
A2	AT&T	168.00	142.00	164.00
A3-1	AT&T	171.66	148.39	170.39
A3-2	AT&T	168.25	144.98	166.98
A4	AT&T	170.00	145.00	167.00
B2	AT&T	170.00	145.00	167.00
B3-1	AT&T	169.66	146.39	168.39
B3-2	AT&T	166.25	142.98	164.98
B4	AT&T	170.00	144.00	166.00
C2	AT&T	170.00	144.00	166.00
C3-1	AT&T	169.66	146.39	168.39
C3-2	AT&T	166.25	142.98	164.98
C4	AT&T	170.00	144.00	166.00

Table 3.3: Antenna Height(s) Summary Table

4. Predicted Emission

4.1 Predictive Cumulative MPE Contribution from All Sources at Antennas Centerline Level (166.25 ft.)



Max. Predictive Spatial Average MPE% = **200269.0%**

Proposed Barrier
Proposed Posts

% of FCC General Public Exposure Limit (Predictive Spatial Average)

Non-Simulated	0-1	1-100	100-500	500-5000	>5000

Map Scale = 10 ft

4.2 Predictive Cumulative MPE Contribution from All Sources at Adjacent Building1 Level (22 ft.)

Max. Predictive Spatial Average MPE% = **1.4%**

Proposed Barrier

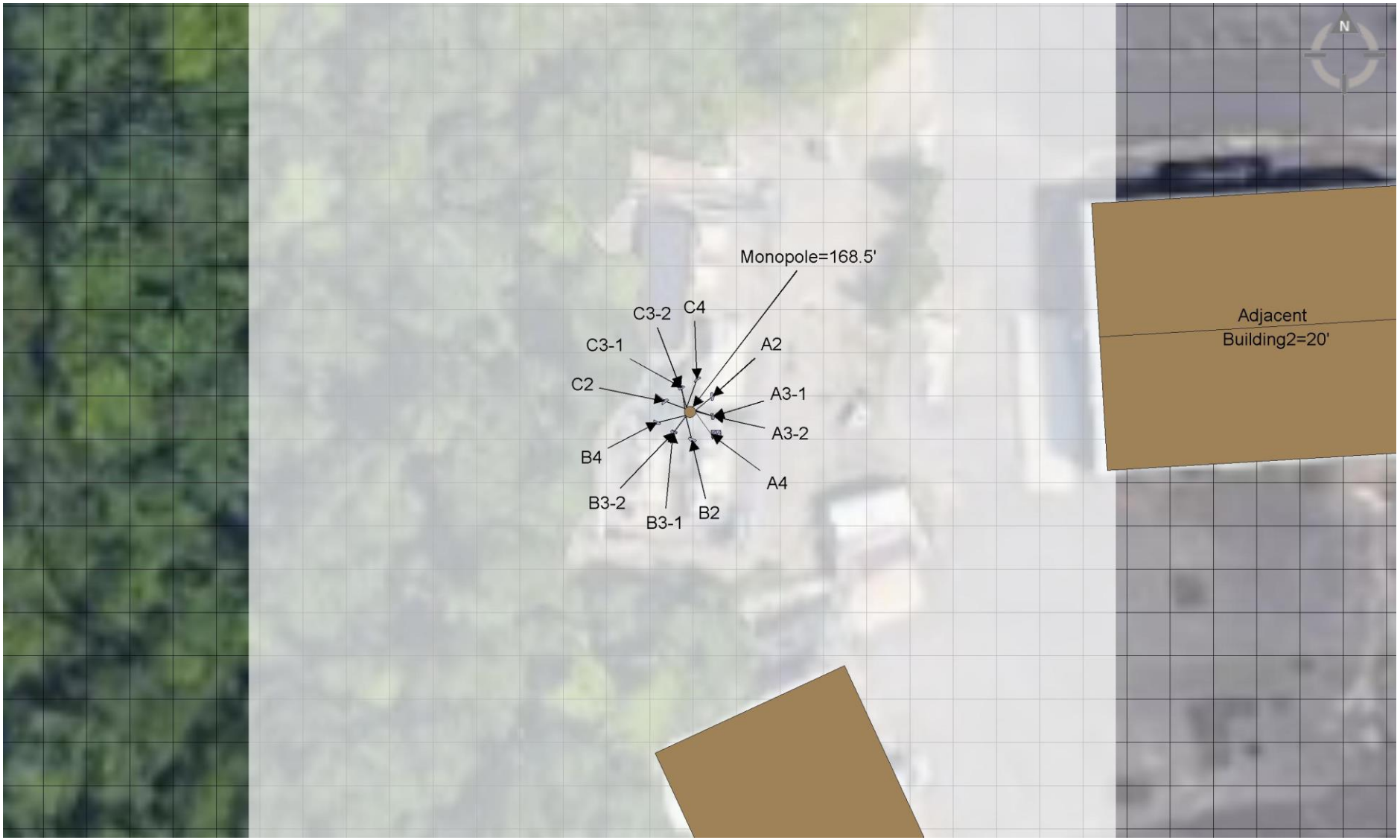
Proposed Posts

% of FCC General Public Exposure Limit (Predictive Spatial Average)

Non-Simulated	0-1	1-100	100-500	500-5000	>5000

Map Scale = 10 ft

4.3 Predictive Cumulative MPE Contribution from All Sources at Ground Level (0 ft.)



Max. Predictive Spatial Average MPE% = **1.0%**

Proposed Barrier
Proposed Posts

% of FCC General Public Exposure Limit (Predictive Spatial Average)

Non-Simulated	0-1	1-100	100-500	500-5000	>5000

Map Scale = 10 ft

5. Statement of Compliance

5.1 Statement of AT&T Mobility Compliance

At the time of our Analysis, AT&T Mobility is required to take action to fulfill their Obligations to comply with the FCC's mandate as defined in OET-65

Recommendations

AT&T Alpha Sector:

- No Action Required

AT&T Beta Sector:

- No Action Required

AT&T Gamma Sector:

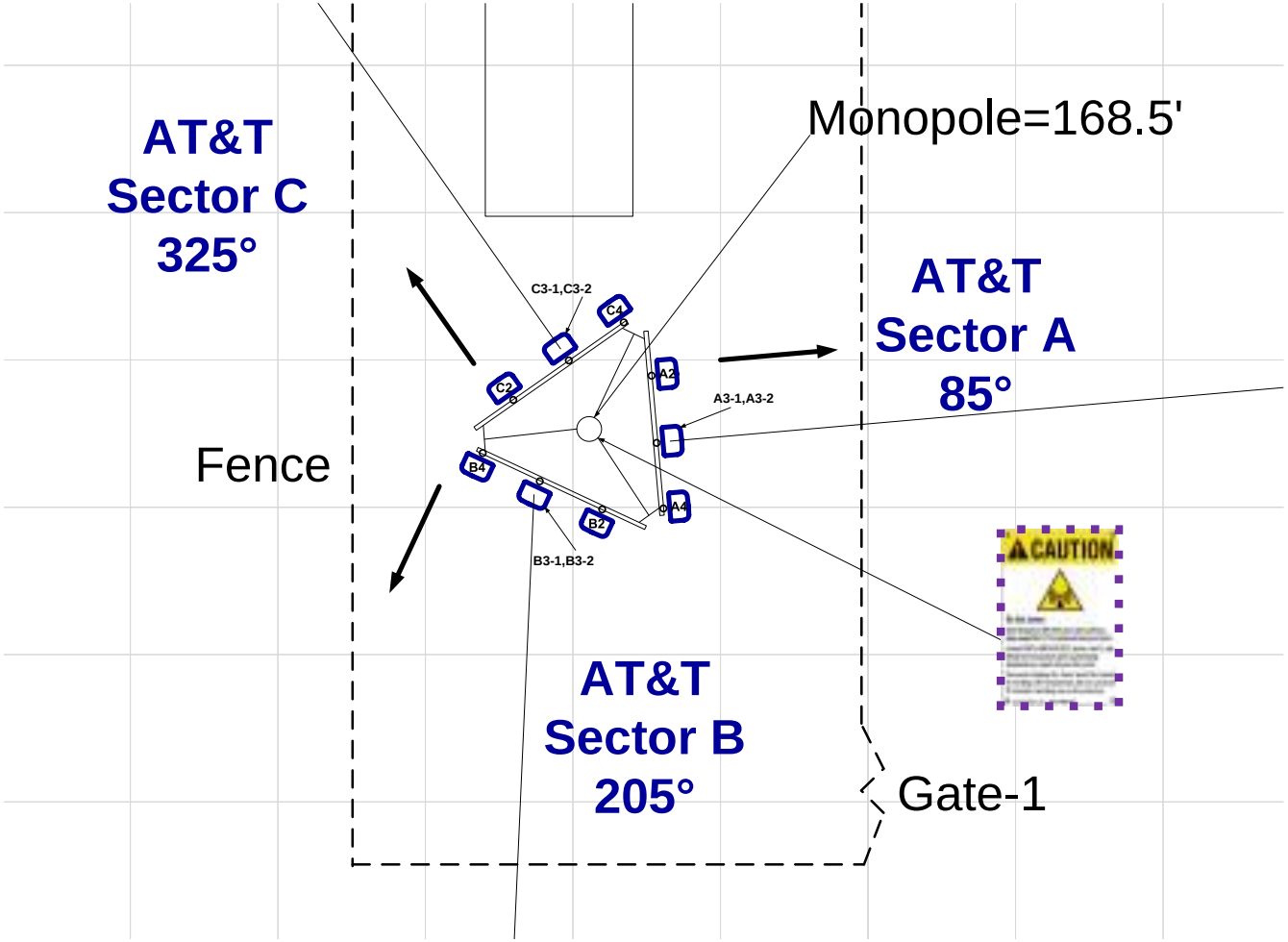
- No Action Required

Monopole:

- One Caution 2B Sign to be posted on the Monopole at climbing access, facing outwards so approaching people can see as shown in "Recommendations Map – Detailed View" on page 12. (1 Total Sign)

Recommendations Map – Detailed View

AT&T Alpha, Beta & Gamma Sectors



AT&T Antenna	Proposed	Proposed Signage									
Panel	Barrier	Safety Instructions	Notice 2	Caution 2	Caution 2B	Caution 2C	Caution 7"x7"	Warning 1B	RF Exposure Map	Lock	*Map Scale = 10 ft*
OMNI	Posts										

Appendix A – Statement of Limiting Conditions

General Model Assumptions

In this site compliance report, it is assumed that all antennas are operating at full power at all times. AT&T has further recommended to assume a 75% duty cycle of maximum radiated power for all LTE & 5G carriers (& consider 100% duty cycle for all UMTS carriers).

In this site compliance report, it is assumed that Mechanical Tilt value of "0°" MUST be retained for C-BAND and/or DoD AAS^ antenna(s) at all times to ensure that "EME (Predictive) Study" shall remain valid.

AT&T recommended to consider - For C-BAND and/or DoD AAS^ antenna(s) 75% TDD duty Cycle, 1.5dB Power Tolerance & 0.32 Power Reduction factor[1] are used to calculate Transmitter Power & ERP/EiRP.

AT&T recommended to use worst-case tilts for the simulations.

*[1] **Power Reduction Factor**: IEC Standard 62232: 2017 allows for a statistically conservative power density model to more realistically define the RF exposure area. AT&T recommends a "0.32" factor to calculate the "Actual Maximum" (time averaged) power value, which accounts for "Beam Scanning," "Scheduling," and "RBS Utilization" This recommended value is a conservative figure modelled and supported by other vendors and through measurements published in scientific articles and white papers by IEEE and others. Those publication are listed below:*

1. IEEE Access, Time-Averaged Realistic Maximum Power Levels for the Assessment of RF Exposure for 5G Radio Base Stations Using Massive MIMO (Published Sept. 18, 2017 / BJÖRN THORS, ANDERS FURUSKÄR, DAVIDE COLOMBI, AND CHRISTER TÖRNEVIK)
2. IEEE Explore, A Statistical Approach for RF Exposure Compliance Boundary Assessment in Massive MIMO Systems (Published Jan. 25, 2018 / Paolo Baracca, Andreas Weber, Thorsten Wild, Christophe Grangeat)
3. IEEE Access, In-situ Measurement Methodology for the Assessment of 5G NR Massive MIMO Base Station Exposure at Sub-6 GHz Frequencies (Published Dec. 20, 2019 / SAM AERTS, LEEN VERLOOCK, MATTHIAS VAN DEN BOSSCHE, DAVIDE COLOMBI, LUC MARTENS, CHRISTER TÖRNEVIK AND WOUT JOSEPH)
4. Applied Sciences, Analysis of the Actual Power and EMF Exposure from Base Stations in a Commercial 5G Network (Published July 30, 2020 / Davide Colombi, Paramananda Joshi, Bo Xu, Fatemeh Ghasemifard, Vignesh Narasaraju and Christer Törnevik)
5. Ofcom Technical Report, Electromagnetic Field (EMF) measurements near 5G mobile phone base stations (Published Feb. 21, 2020 / Davide Colombi, Paramananda Joshi, Bo Xu, Fatemeh Ghasemifard, Vignesh Narasaraju and Christer Törnevik)

MobileComm believes these areas to be safe for entry by occupationally trained personnel utilizing appropriate personal protective equipment (in most cases, a personal monitor). Thus, at any time, if power density measurements were made, we believe the real time measurements would indicate levels below those depicted in the RF emission diagram(s) in this report. By modelling in this way, MobileComm has conservatively shown exclusion areas – areas that should not be entered without the use of a personal monitor, carriers reducing power, or performing real-time measurements to indicate real-time exposure levels.

Use of Generic Antennas

For the purposes of this report, the use of "Generic" as an antenna model, or "Other Carrier" for an operator means the information about a carrier, their FCC license and/or antenna information was not provided and could not be obtained while on site. In the event of unknown information, MobileComm will use our industry specific knowledge of equipment, antenna models, and transmit power to model the site. Information about similar facilities is used when the service is identified and associated with a particular antenna. If no information is available regarding the transmitting service associated with an unidentified antenna, using the antenna manufacturer's published data regarding the antenna's physical characteristics makes more conservative assumptions.

Where the frequency is unknown, MobileComm uses the closest frequency in the antenna's range that corresponds to the highest Maximum Exposure Limit (MPE), resulting in a conservative analysis.

Appendix B – FCC Guidelines and Emissions Threshold Limits

All power density values used in this report were analyzed as a percentage of current Maximum Permissible Exposure (% MPE) as listed in the FCC OET Bulletin 65 Edition 97-01and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter (µW/cm2).The number of µW/cm2 calculated at each sample point is called the power density. The exposure limit for power density varies depending upon the frequencies being utilized. Wireless Carriers and Paging Services use different frequency bands each with different exposure limits, therefore it is necessary to report results and limits in terms of percent MPE rather than power density.

All results were compared to the FCC (Federal Communications Commission) radio frequency exposure rules, 47 CFR 1.1307(b)(1) – (b)(3), to determine compliance with the Maximum Permissible Exposure (MPE) limits for General Population/Uncontrolled environments as defined below.

General Population/Uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Public exposure to radio frequencies is regulated and enforced in units of microwatts per square centimeter (µW/cm2). The general population exposure limit for the 700 and 800 MHz Bands is approximately 467 µW/cm2 and 567 µW/cm2 respectively, and the general population exposure limit for the 1900 MHz PCS and 2100 MHz AWS bands is 1000 µW/cm2. Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report percent of MPE rather than power density.

Occupational/Controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure, have been properly trained in RF safety and can exercise control over their exposure. Occupational/Controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure, have been trained in RF safety and can exercise control over his or her exposure by leaving the area or by some other appropriate means. The Occupational/Controlled exposure limits all utilized frequency bands is five (5) times the FCC's General Public / Uncontrolled exposure limit.

Additional details can be found in FCC OET 65.

Table 1: Limits for Maximum Permissible Exposure (MPE)				
(A) Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/cm^2)**	**Averaging Time $[E]^2$, $[H]^2$, or S (minutes)**
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	($900/f^2$)*	6
30-300	61.4	0.163	1.0	6
300-I,500	--	--	f/300	6
1,500-100,000	--	--	5	6
(B) Limits for General Public/Uncontrolled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/cm^2)**	**Averaging Time $[E]^2$, $[H]^2$, or S (minutes)**
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	($180/f^2$)*	30
30-300	27.5	0.073	0.2	30
300-I,500	--	--	f/1,500	30
1,500-100,000	--	--	1.0	30

Appendix C – Rules & Regulations

Explanation of Applicable Rules and Regulations

FCC has set forth guidelines in OET Bulletin 65 for human exposure to radio frequency electromagnetic fields. Currently, there are two different levels of MPE - General Public MPE and Occupational MPE. An individual classified as Occupational can be defined as an individual who has received appropriate RF training and meets the conditions outlined below. General Public is defined as anyone who does not meet the conditions of being Occupational. FCC Rules and Regulations define compliance in terms of total exposure to total RF energy, regardless of location of or proximity to the sources of energy.

It is the responsibility of all licensees to ensure these guidelines are maintained at all times. It is the ongoing responsibility of all licensees composing the site to maintain ongoing compliance with FCC rules and regulations.

A building owner or site manager can use this report as part of an overall RF Health and Safety Policy. It is important for building owners/site managers to identify areas in excess of the General Population MPE and ensure that only persons qualified as Occupational are granted access to those areas.

Occupational Environment Explained

The FCC definition of Occupational exposure limits apply to persons who:

- *are exposed to RF energy as a consequence of their employment;*
- *have been made aware of the possibility of exposure; and*
- *can exercise control over their exposure.*

FCC guidelines go further to state that persons must complete RF Safety Awareness training and must be trained in the use of appropriate personal protective equipment.

In order to consider this site an Occupational Environment, the site must be controlled to prevent access by any individuals classified as the General Public. Compliance is also maintained when any non-occupational individuals (the General Public) are prevented from accessing areas indicated as Red or Yellow in the attached RF Emissions diagram. In addition, a person must be aware of the RF environment into which they are entering. This can be accomplished by an RF Safety Awareness class, and by appropriate written documentation such as this Site Compliance Report.

Appendix D – General Safety Recommendations

The following are general recommendations appropriate for any site with accessible areas in excess of 100% General Public MPE. These recommendations are not specific to this site. These are safety recommendations appropriate for typical site management, building management, and other tenant operations.

1. All individuals needing access to the main site should be instructed to read and obey all posted placards and signs.

2. The site should be routinely inspected and this or similar report updated with the addition of any antennas or upon any changes to the RF environment including:

- *adding new antennas that may have been located on the site*
- *removing of any existing antennas*
- *changes in the radiating power or number of RF emitters*

3. Post the appropriate SAFETY INSTRUCTIONS, NOTICE, CAUTION & WARNING sign at the main site access point(s) and other locations as required. Note: Please refer to RF Exposure Diagrams in the report section above, to inform everyone who has access to this site that beyond posted signs there may be levels in excess of the limits prescribed by the FCC. The signs below are examples of signs meeting FCC guidelines.

4. Ensure that the site door remains locked (or appropriately controlled) to deny access to the general public if deemed as policy by the building/site owner.

5. For a General Public environment the five color levels identified in measured RF emission diagram can be interpreted in the following manner:

- *White represents areas predicted to be greater than or equal to 0% and less than 1% of the MPE general public limits*
- *Green represents areas predicted to be greater than or equal to 1% and less than 100% of the MPE general public limits*
- *Blue represents areas predicted to be greater than or equal to 100% and lesser than 500% of the MPE general public limits.*
- *Yellow represents areas predicted to be greater than or equal to 500% and lesser than 5000% of the MPE general public limits.*
- *Red areas indicates predicted levels greater than or equal to 5000% of the MPE general public limits.*

Appendix E – References

1 - FCC Definition

FCC defines an Occupational or Controlled environment as one where persons are exposed to RF fields as a consequence of their employment and where those persons exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Typical criteria for an Occupational or Controlled environment is restricted access (i.e. locked doors, gates, etc.) to areas where antennas are located coupled with proper RF warning signage.

FCC defines a site as a General Public or Uncontrolled environment when human exposure to RF fields occurs to the general public or in which persons who are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over the exposure. Typical criteria for a General Public or Uncontrolled environment are unrestricted access (i.e. unlocked or no restrictions) to areas where antennas are located without proper RF warning signage being posted.

2 - Physical Testing measurement procedure and Tools

The Narda Broadband Field Meter NBM-550 can make rapid conformance measurements with evaluation in the time domain when used in conjunction EA5091 probe. This probe is a so-called Shaped Probe, i.e. it is frequency weighted so that it automatically takes account of the FCC Occupational limit values. To collect data, the probe is pointed towards the potential source(s) of EME radiation and moved slowly from ground level up to slightly above head height (approx. 6 ft).

Spatial Average Measurement A technique used to average a minimum of ten (10) measurements taken in a ten (10) second interval from zero (0) to six (6) feet. This measurement is intended to model the average energy an average sized human body will absorb while present in an electromagnetic field of energy.

3 - Site Safety Procedures

The following items are general safety recommendations that should be administered on a site by site basis as needed by the carrier.

General Maintenance Work: *Any maintenance personnel required to work immediately in front of antennas and / or in areas indicated as above 100% of the Occupational MPE limits should coordinate with the wireless operators to disable transmitters during their work activities.*

Training and Qualification Verification: *All personnel accessing areas indicated as exceeding the General Population MPE limits should have a basic understanding of EME awareness and RF Safety procedures when working around transmitting antennas. Awareness training increases a workers understanding to potential RF exposure scenarios. Awareness can be achieved in a number of ways (e.g. videos, formal classroom lecture or internet based courses).*

Physical Access Control: *Access restrictions to transmitting antennas locations is the primary element in a site safety plan. Examples of access restrictions are as follows:*

- *Locked door or gate*
- *Alarmed door*
- *Locked ladder access*
- *Restrictive Barrier at antenna locations (e.g. Chain link with posted RF Sign)*

RF Signage: *Everyone should obey all posted signs at all times. RF signs play an important role in properly warning a worker prior to entering into a potential RF Exposure area.*

Assume all antennas are active: *Due to the nature of telecommunications transmissions, an antenna transmits intermittently. Always assume an antenna is transmitting. Never stop in front of an antenna. If you have to pass by an antenna, move through as quickly and safely as possible thereby reducing any exposure to a minimum.*

Maintain a 3 foot clearance from all antennas: *There is a direct correlation between the strength of an EME field and the distance from the transmitting antenna. The further away from an antenna, the lower the corresponding EME field is.*

Rooftop RF Emissions Diagram: *Section 4 of this report contains an RF Emissions Diagram that outlines various theoretical Maximum Permissible Exposure (MPE) areas on the rooftop. This analysis is all theoretical and assumes a duty cycle of 75% for each transmitting antenna at full power. This analysis is a worst case scenario. This analysis is based on one of two access control criteria: General Public criteria means the access to the site is uncontrolled and anyone can gain access. Occupational criteria means the access is restricted and only properly trained individuals can gain access to the antenna locations.*

4 - Definitions

Compliance- *The determination of whether a site is safe or not with regards to Human Exposure to Radio Frequency Radiation from transmitting antennas.*

Decibel (dB) – *A unit for measuring power or strength of a signal.*

Duty Cycle – *The percent of pulse duration to the pulse period of a periodic pulse train. Also, may be a measure of the temporal transmission characteristic of an intermittently transmitting RF source such as a paging antenna by dividing average transmission duration by the average period for transmission. A duty cycle of 75% corresponds to continuous operation.*

Effective (or Equivalent) Isotropic Radiated Power (EIRP) – *The product of the power supplied to the antenna and the antenna gain in a given direction relative to an isotropic antenna, this product is divided by the cable losses*

Effective Radiated Power (ERP) – *In a given direction, the relative gain of a transmitting antenna with respect to the maximum directivity of a half wave dipole multiplied by the net power accepted by the antenna from the connecting transmitter.*

Gain (of an antenna in dbd) – *The ratio of the maximum intensity in a given direction to the maximum radiation in the same direction from a reference dipole. Gain is a measure of the relative efficiency of a directional antennas as compared to a reference dipole.*

General Population/Uncontrolled Environment – *Defined by the FCC, as an area where RFR exposure may occur to persons who are unaware of the potential for exposure and who have no control of their exposure. General Population is also referenced as General Public.*

Generic Antenna – *For the purposes of this report, the use of "Generic" as an antenna model means the antenna information was not provided and could not be obtained while on site. In the event of unknown information, MobileComm will use our industry specific knowledge of antenna models to select a worst case scenario antenna to model the site.*

Isotropic Antenna – *An antenna that is completely non-directional. In other words, an antenna that radiates energy equally in all directions.*

Maximum Measurement – *This measurement represents the single largest measurement recorded when performing a spatial average measurement.*

Maximum Exposure Limit (MPE) – *The RMS and peak electric and magnetic field strength, their squares, or the plane-wave equivalent power densities associated with these fields to which a person may be exposed without harmful effect and with acceptable safety factor.*

Occupational/Controlled Environment – *Defined by the FCC, as an area where Radio Frequency Radiation (RFR) exposure may occur to persons who are aware of the potential for exposure as a condition of employment or specific activity and can exercise control over their exposure.*

Radio Frequency Radiation – *Electromagnetic waves that are propagated from antennas through space.*

Spatial Average Measurement – *A technique used to average a minimum of ten (10) measurements taken in a ten (10) second interval from zero (0) to six (6) feet. This measurement is intended to model the average energy an average sized human body will absorb while present in an electromagnetic field of energy.*

Transmitter Power Output (TPO) – *The radio frequency output power of a transmitter's final radio frequency stage as measured at the output terminal while connected to a load.*

Appendix F – Proprietary Statement

This report was prepared for the use of AT&T Mobility, LLC to meet requirements specified in AT&T's corporate RF safety guidelines. It was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same locale under like circumstances. The conclusions provided by MobileComm are based solely on the information provided by AT&T Mobility and all observations in this report are valid on the date of the investigation. Any additional information that becomes available concerning the site should be provided to MobileComm so that our conclusions may be revised and modified, if necessary. This report has been prepared in accordance with Standard Conditions for Engagement and authorized proposal, both of which are integral parts of this report. No other warranty, expressed or implied, is made.