Exhibit E

Mount Analysis

Date: **September 10, 2021**

Darcy Tarr
Crown Castle
3530 Toringdon Way, Suite 300
Charlotte, NC 28277
(704) 405-6589

Infinigy Engineering, PLLC
1033 Watervliet Shaker Road
Albany, NY 12205
518-690-0790
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Subject:	**Mount Analysis Report**	
Carrier Designation:	**AT&T Mobility Direct**	
	Carrier Site Number:	CTL01024
	Carrier Site Name:	NEW BRITAIN LOON LAKE
	Carrier FA Number:	10035310
Crown Castle Designation:	**Crown Castle BU Number:**	876331
	Crown Castle Site Name:	NEW BRITAIN GRAVEL PIT
	Crown Castle JDE Job Number:	649411
	Crown Castle Order Number:	556502 Rev. 0
Engineering Firm Designation:	**Infinigy Engineering, PLLC Report Designation:** 1039-Z0001-B	
Site Data:	**115 North Mountain Road, New Britain, Hartford County, CT, 06053** **Latitude 41°40'35.72", Longitude -72°49'17.09"**	
Structure Information:	**Tower Height & Type:**	**118.0 ft Monopole**
	Mount Elevation:	**98.0 ft**
	Mount Type:	**13.0 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.

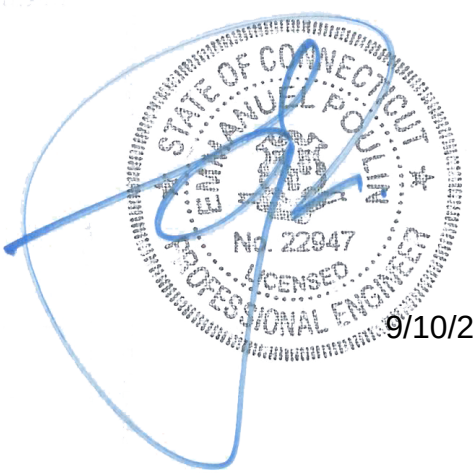
The purpose of the analysis is to determine acceptability of the mount stress level. Based on our analysis we have determined the mount stress level to be:

Platform **Sufficient - 74.2%**
***Sufficient upon completion of the changes listed in the 'Recommendations' section of this report.**

This analysis has been performed in accordance with the 2018 International Building Code based upon an ultimate 3-second gust wind speed of 117 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



9/10/21

TABLE OF CONTENTS

1) INTRODUCTION

This is an existing 3 sector 13.0 ft Platform, mapped by Infinigy Engineering.

2) ANALYSIS CRITERIA

Building Code:	2018 IBC
TIA-222 Revision:	TIA-222-H
Risk Category:	II
Ultimate Wind Speed:	117 mph
Exposure Category:	C
Topographic Factor at Base:	1.00
Topographic Factor at Mount:	1.00
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Seismic S_s:	0.192
Seismic S_1:	0.055
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
98.0	100.0	2	CCI Antennas	DMP65R-BU6D	13.0 ft Platform
		1	CCI Antennas	DMP65R-BU8D	
		2	CCI Antennas	TPA65R-BU6D_CCIV2	
		1	CCI Antennas	TPA65R-BU8D_CCIV2	
		3	Ericsson	AIR 6419 B77G	
		3	Ericsson	AIR 6449 B77D	
		3	Ericsson	RRUS 4449 B5/B12	
		3	Ericsson	RRUS 4478 B14_CCIV2	
		3	Ericsson	RRUS 8843 B2/B66A_CCIV2	
		1	Raycap	DC9-48-60-24-8C-EV	
	98.0	1	Raycap	DC6-48-60-18-8F	

3) ANALYSIS PROCEDURE

Table 2 - Documents Provided

Document	Remarks	Reference	Source
Crown Application	AT&T Mobility Application	556502 Rev. 0	CCI Sites
Loading Document	AT&T Mobility	RFDS ID: 4387635	TSA
Mount Mapping Documents	Infinigy Engineering	9732777	CCI Sites

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 V2.1.6, 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	ASTM A36 (GR 36)
HSS (Rectangular)	ASTM A500 (GR B-46)
Pipe	ASTM A53 (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)	MP11	98.0	64.9	Pass
	Horizontal(s)	MH2		68.9	Pass
	Standoff(s)	MS1		47.1	Pass
	Handrail(s)	M42		74.2	Pass
	Mount Connection(s)	-		67.6	Pass

Structure Rating (max from all components) =	74.2%

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

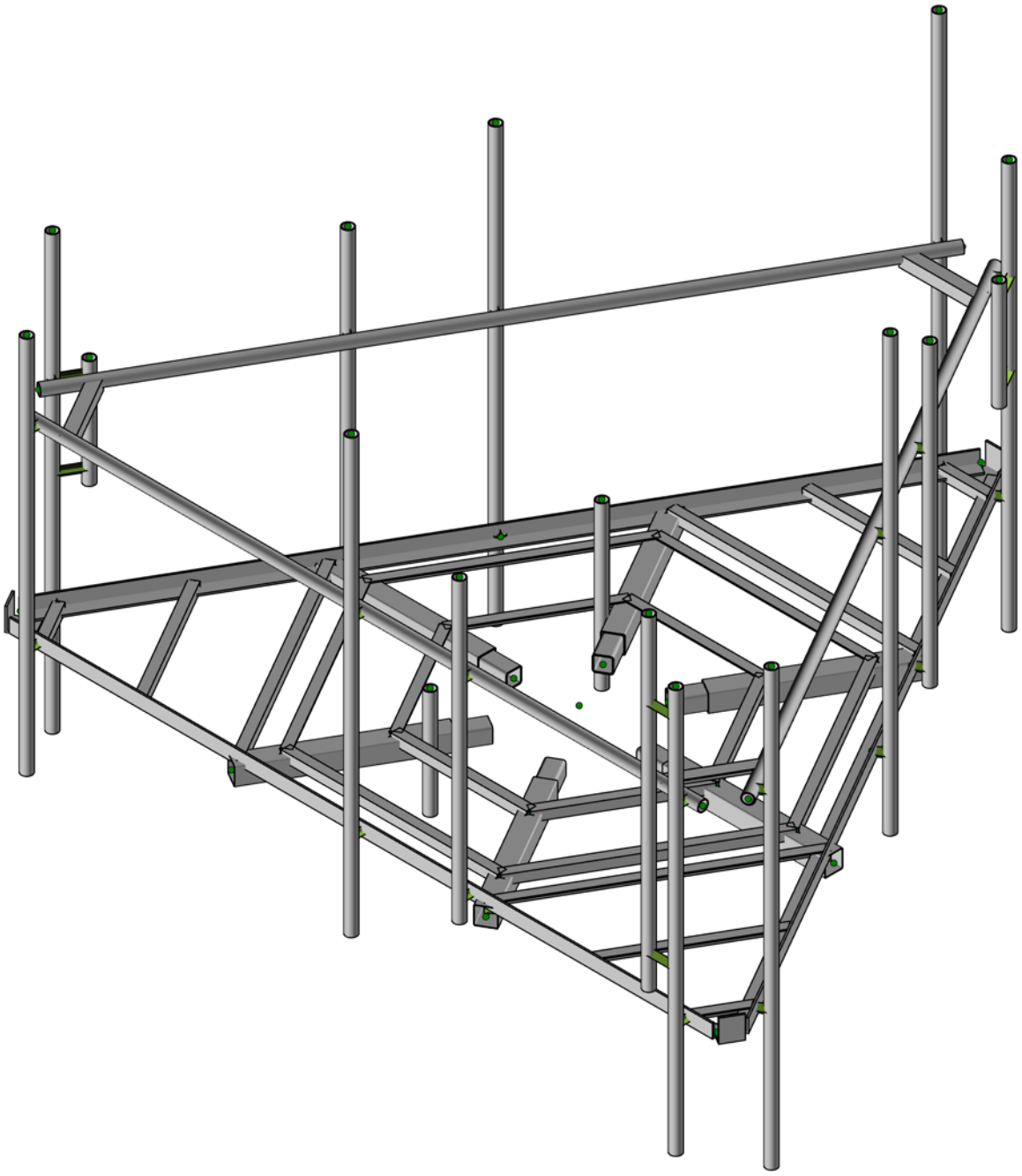
The mount has sufficient capacity to carry the proposed loading configuration. In order for the results of the analysis to be considered valid, the structural modifications listed below must be completed.

1. Installation of Site Pro 1 HRK12 handrail kit.
2. Installation of (1) 8’ long pipe 2.0 STD for Alpha sector.

No structural modifications are required at this time, provided that the above-listed changes are implemented.

APPENDIX A

WIRE FRAME AND RENDERED MODELS



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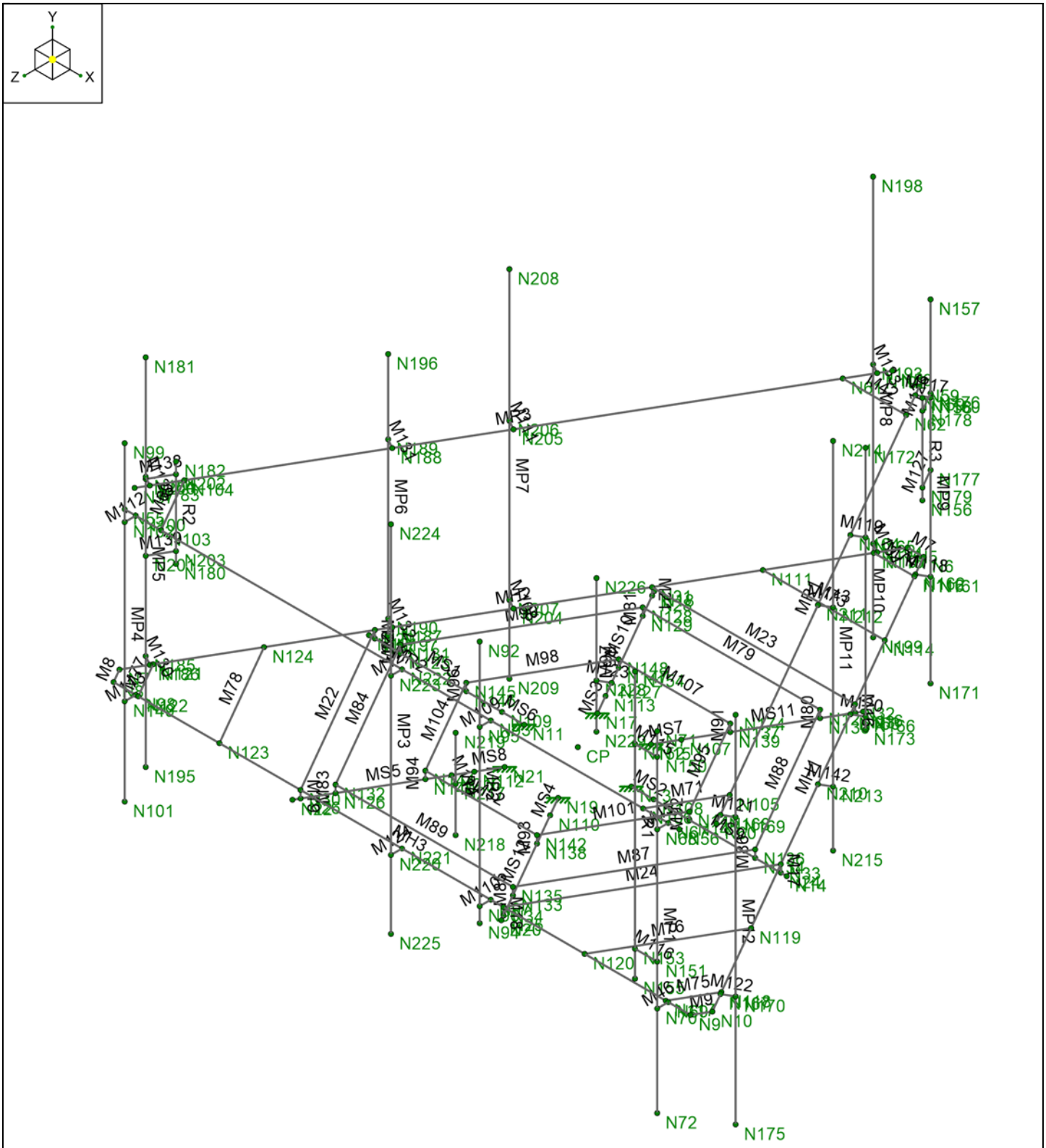

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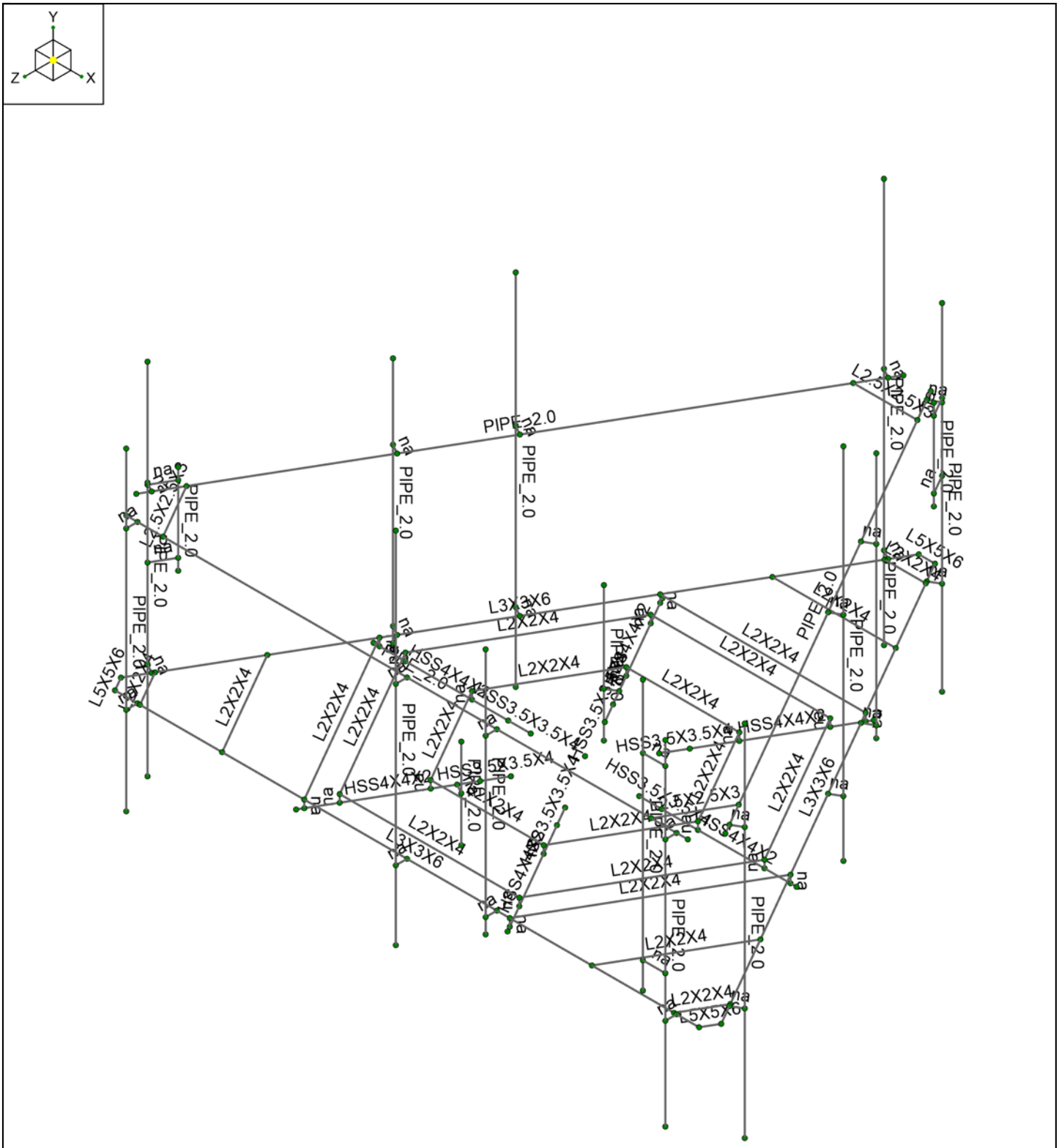

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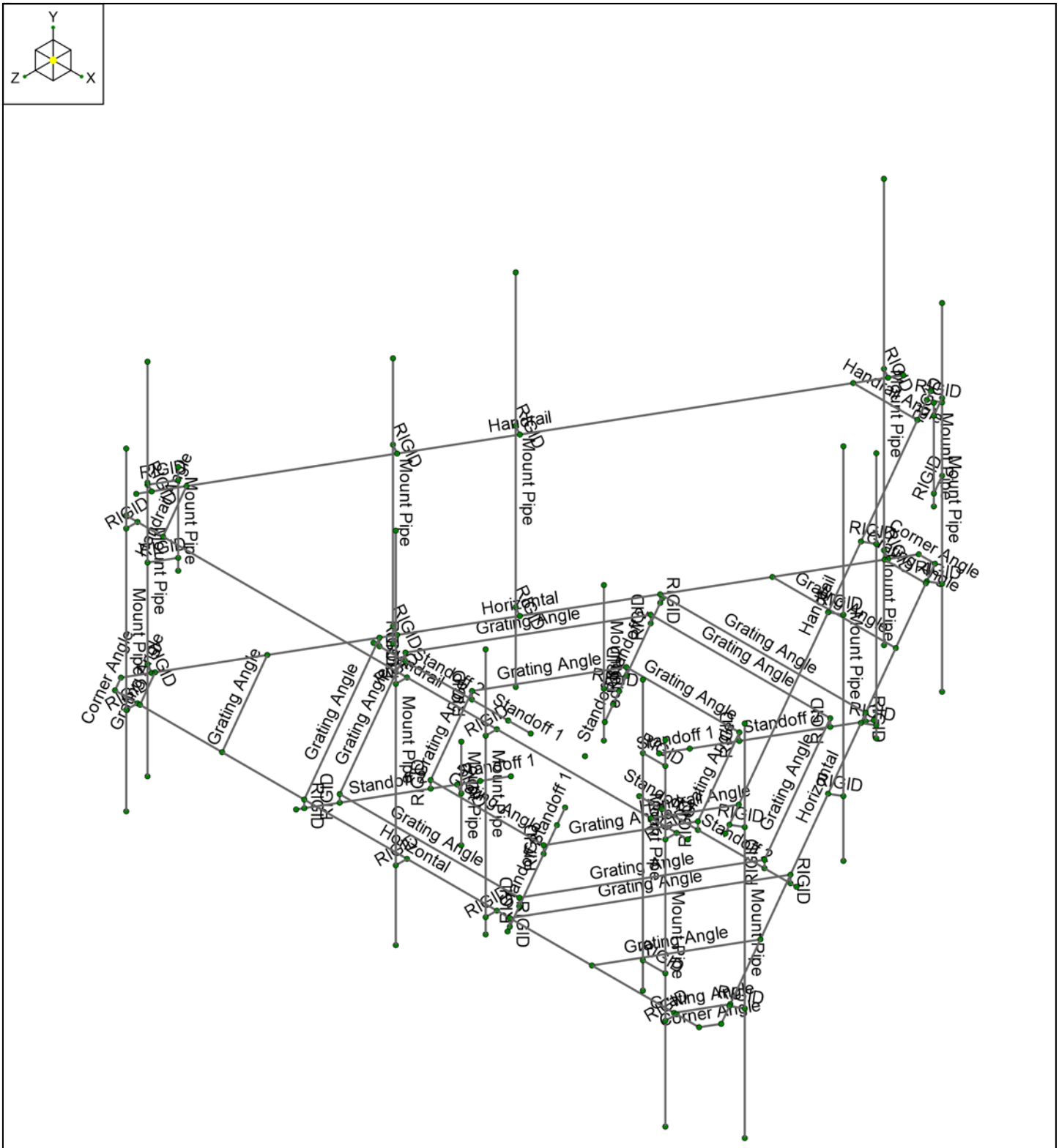

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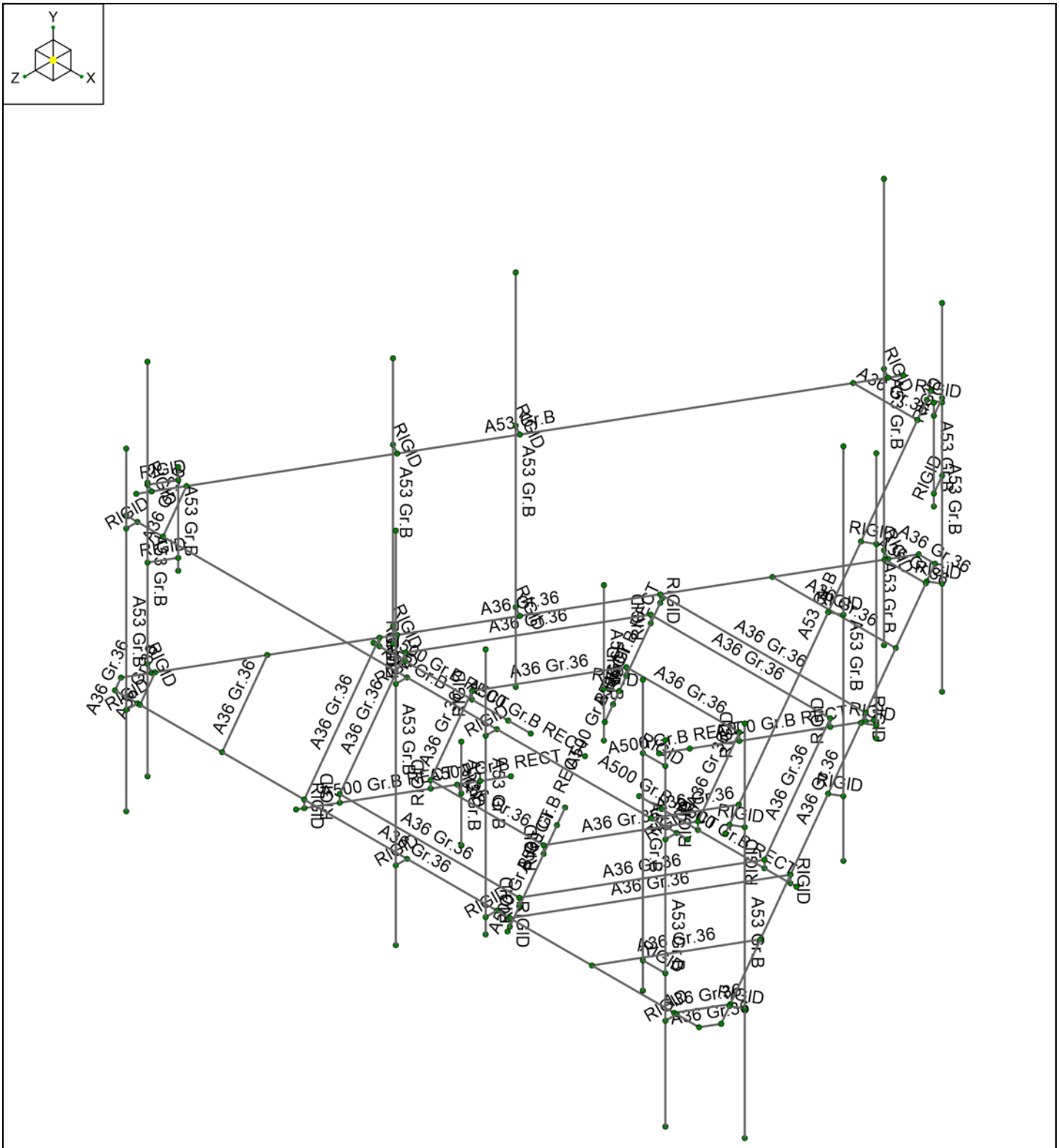

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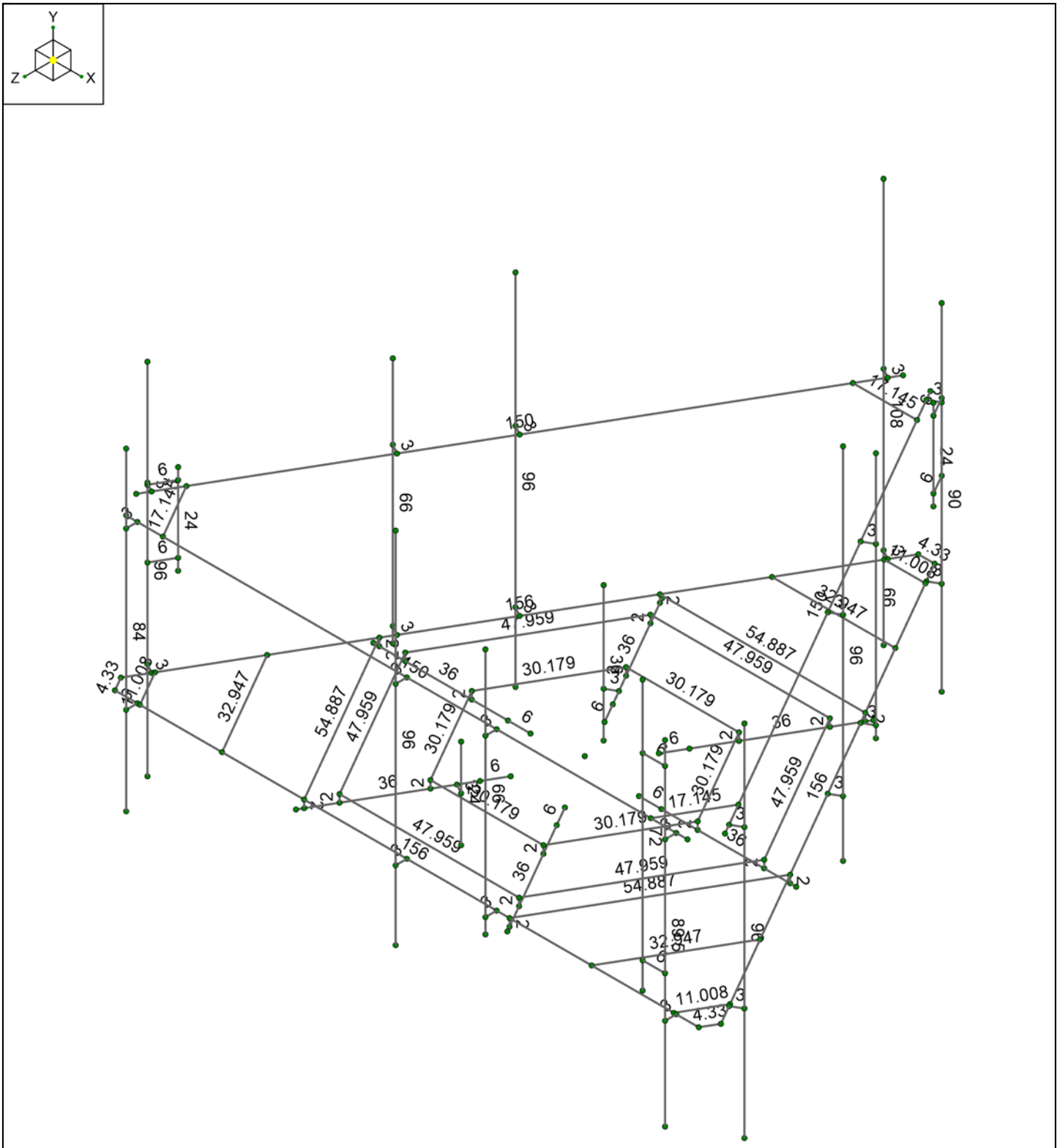

Member Length (in) Displayed

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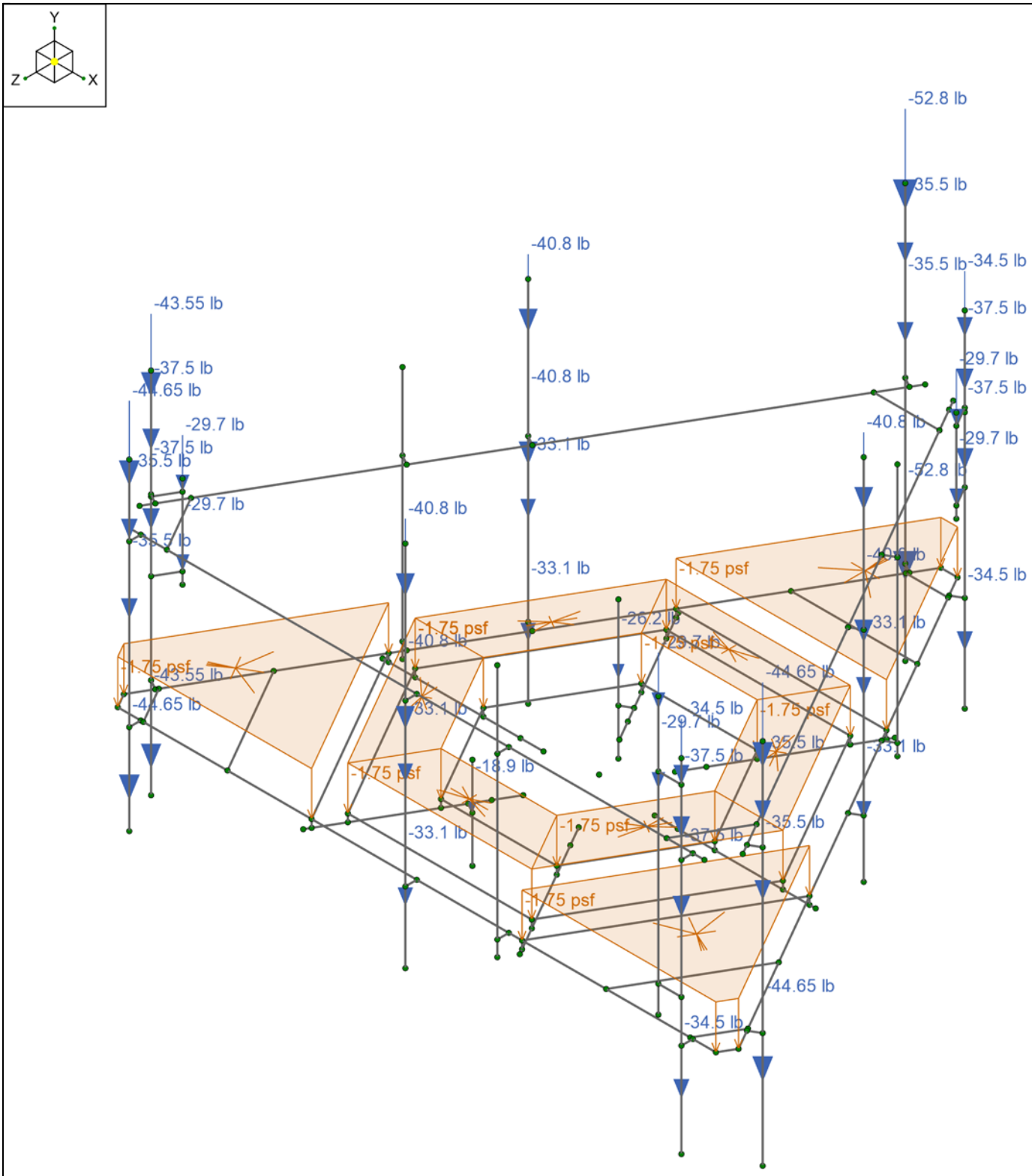

Loads: BLC 1, Self Weight

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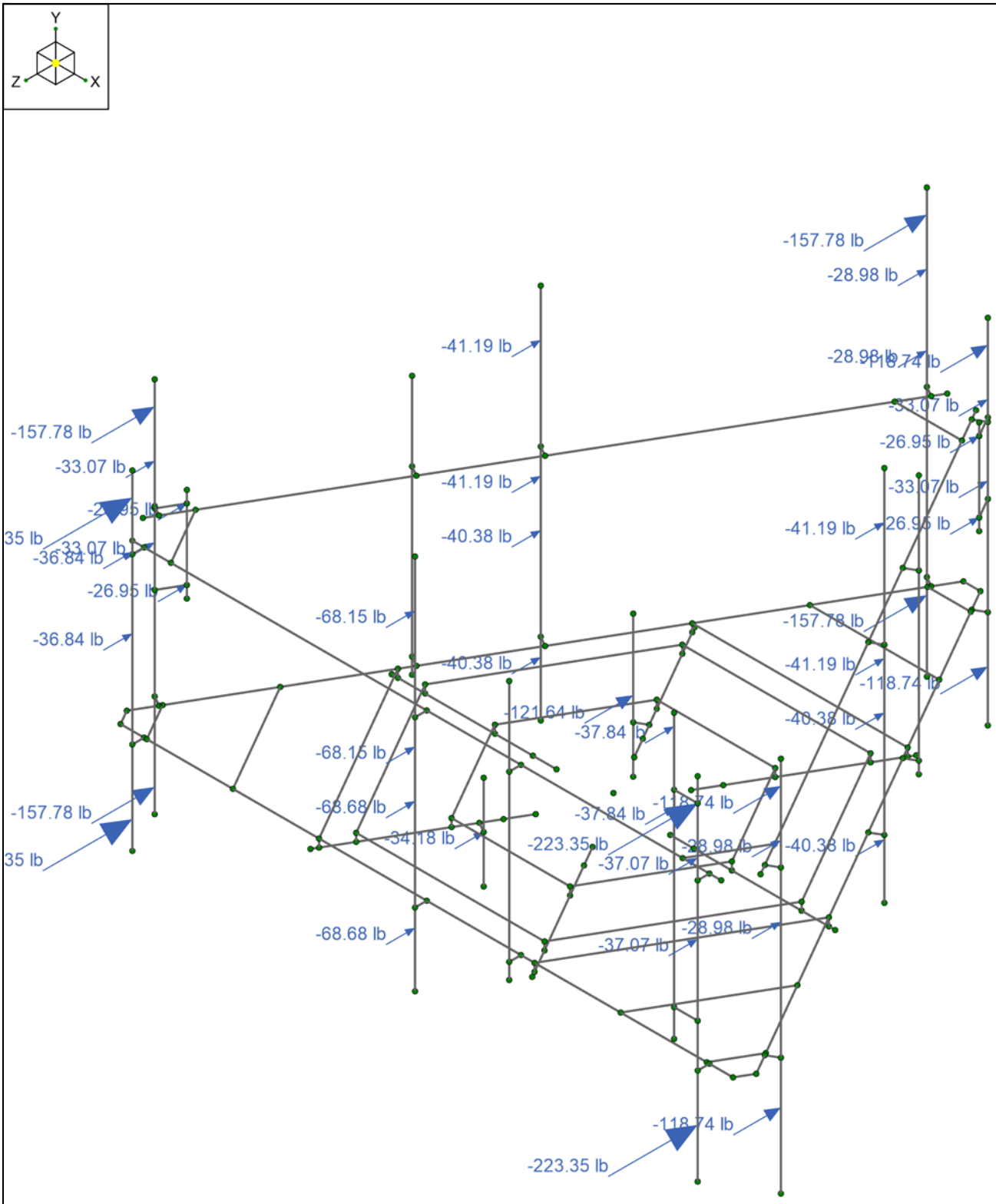

Loads: BLC 2, Wind Load AZI 0

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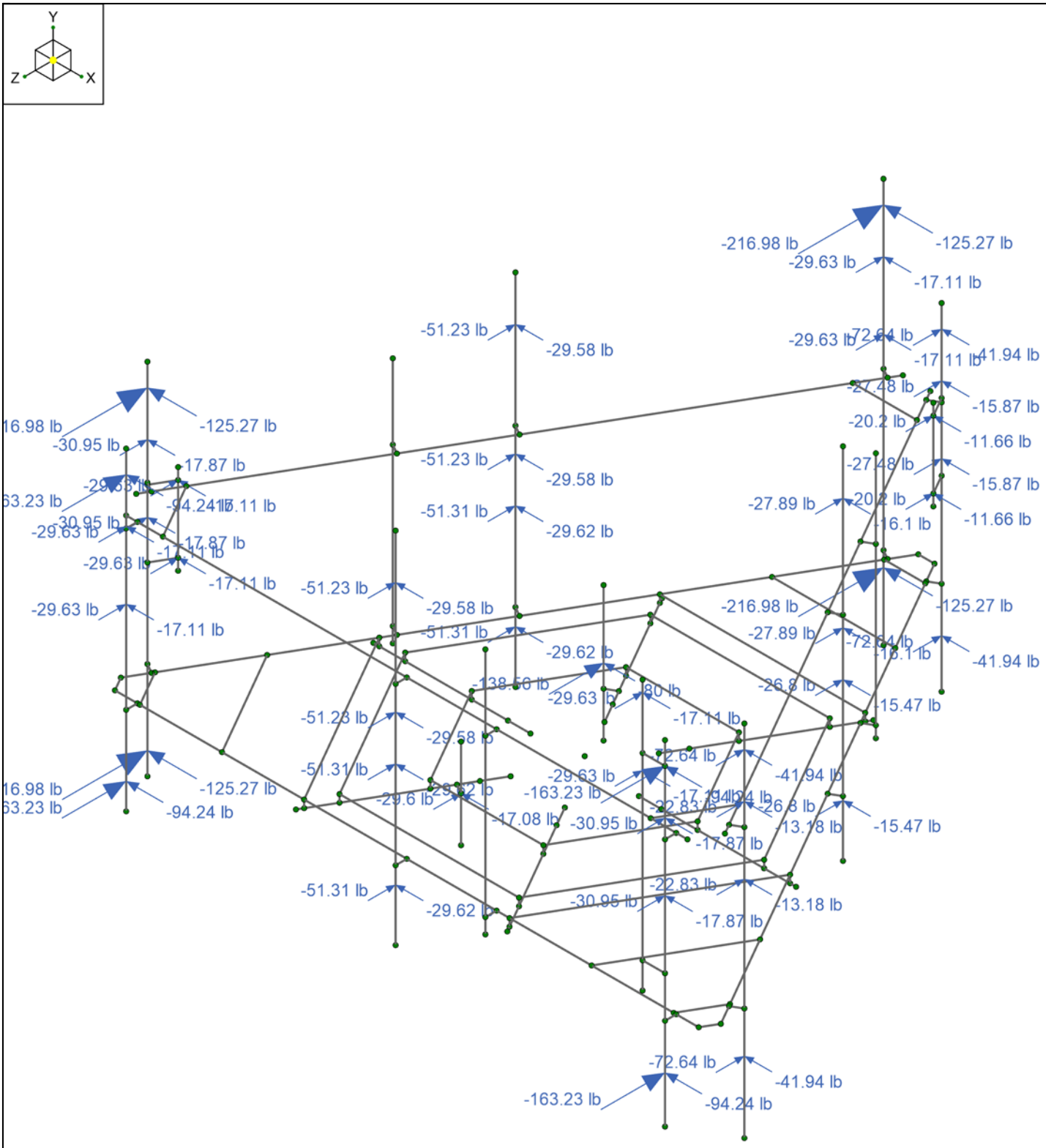

Loads: BLC 3, Wind Load AZI 30

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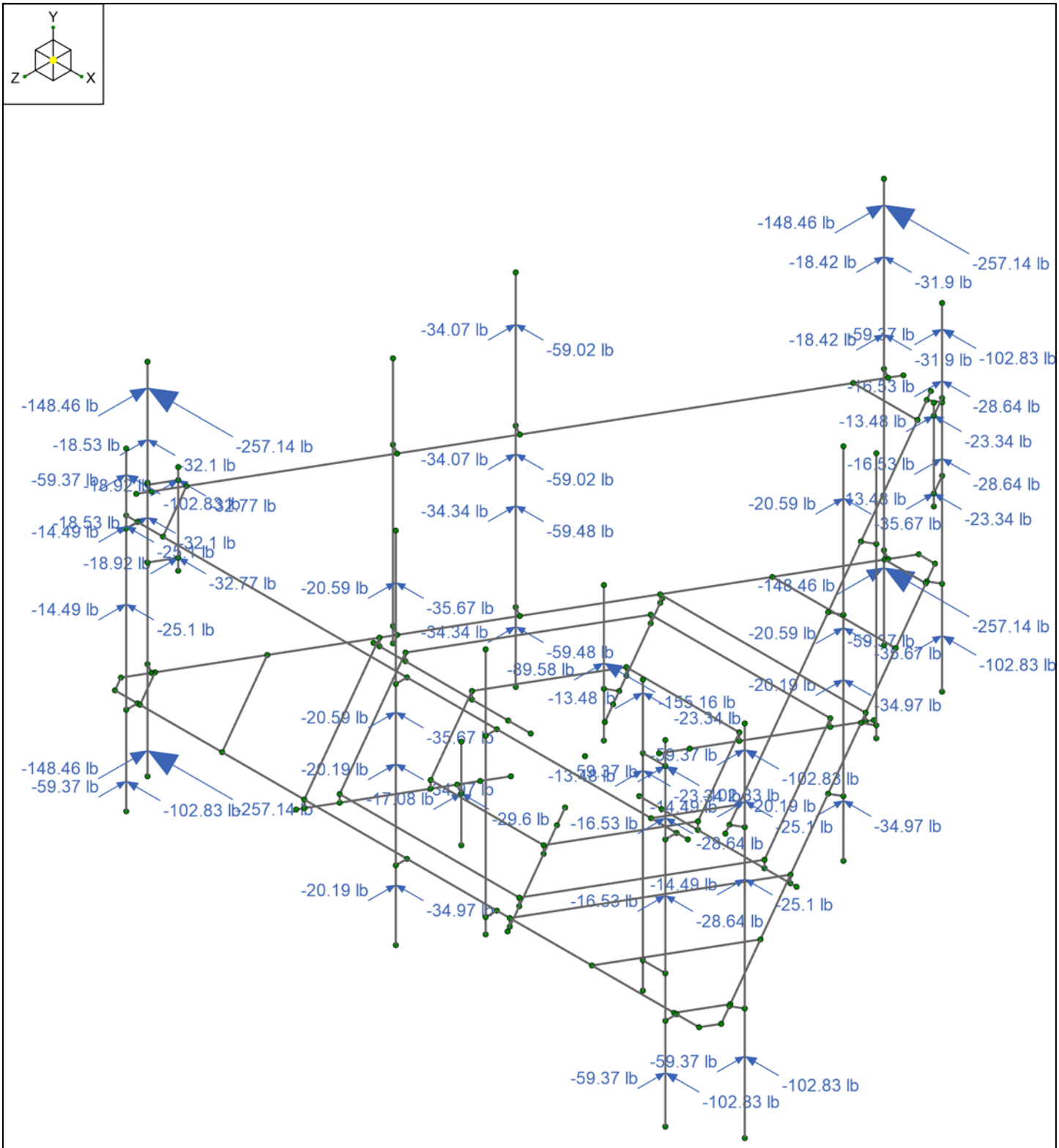

Loads: BLC 4, Wind Load AZI 60

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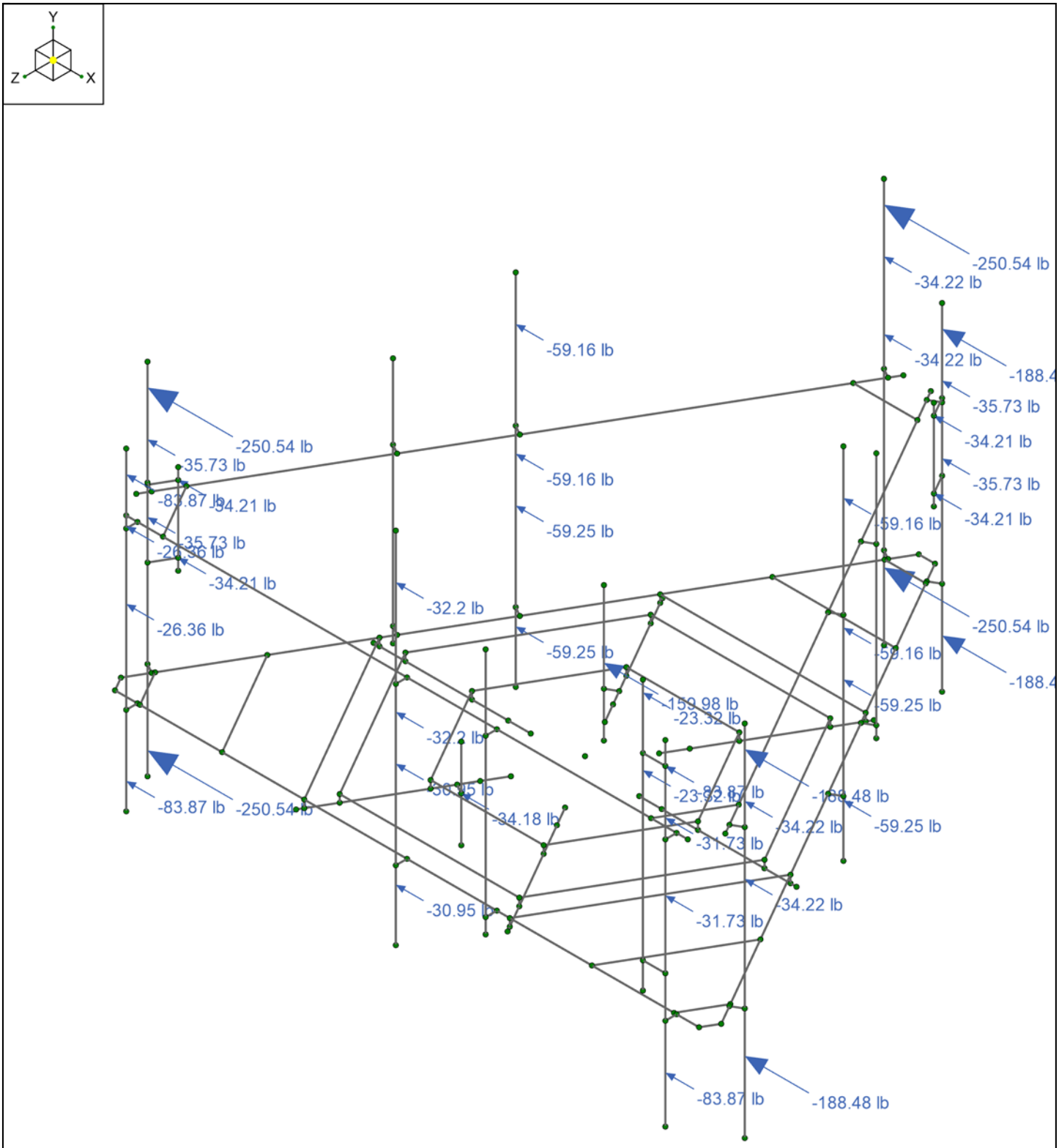

Loads: BLC 5, Wind Load AZI 90

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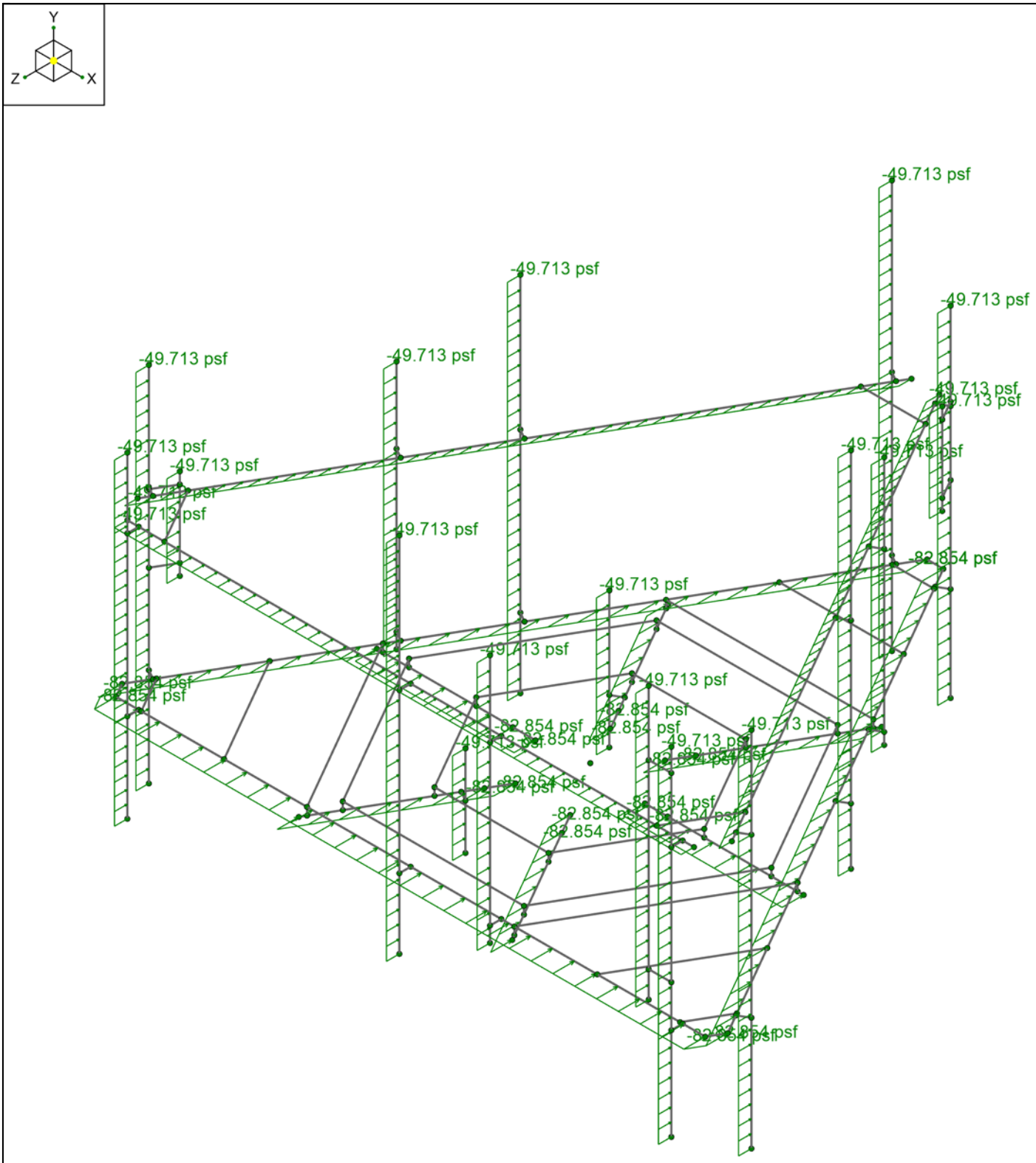

Loads: BLC 14, Distr. Wind Load Z

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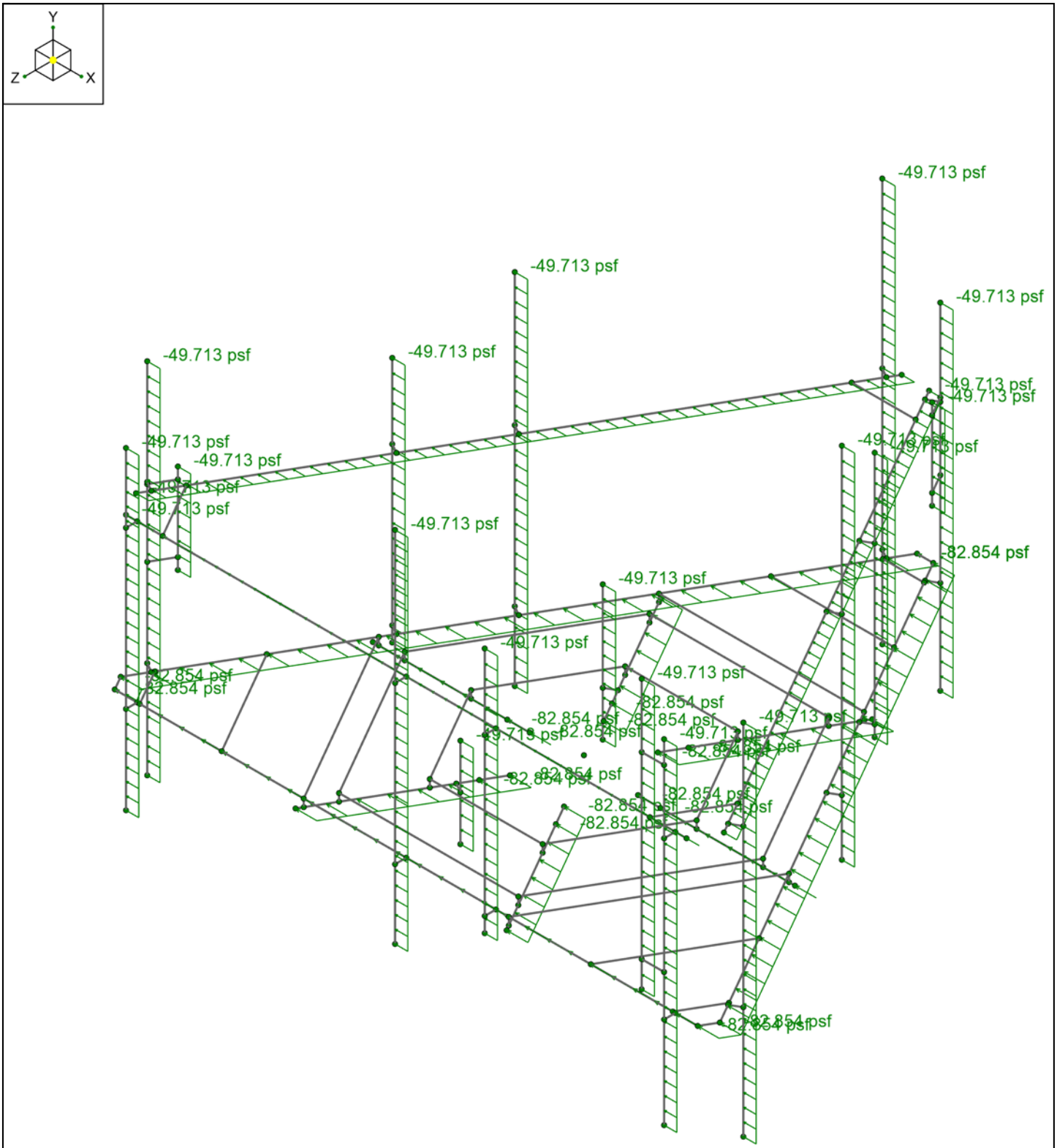

Loads: BLC 15, Distr. Wind Load X

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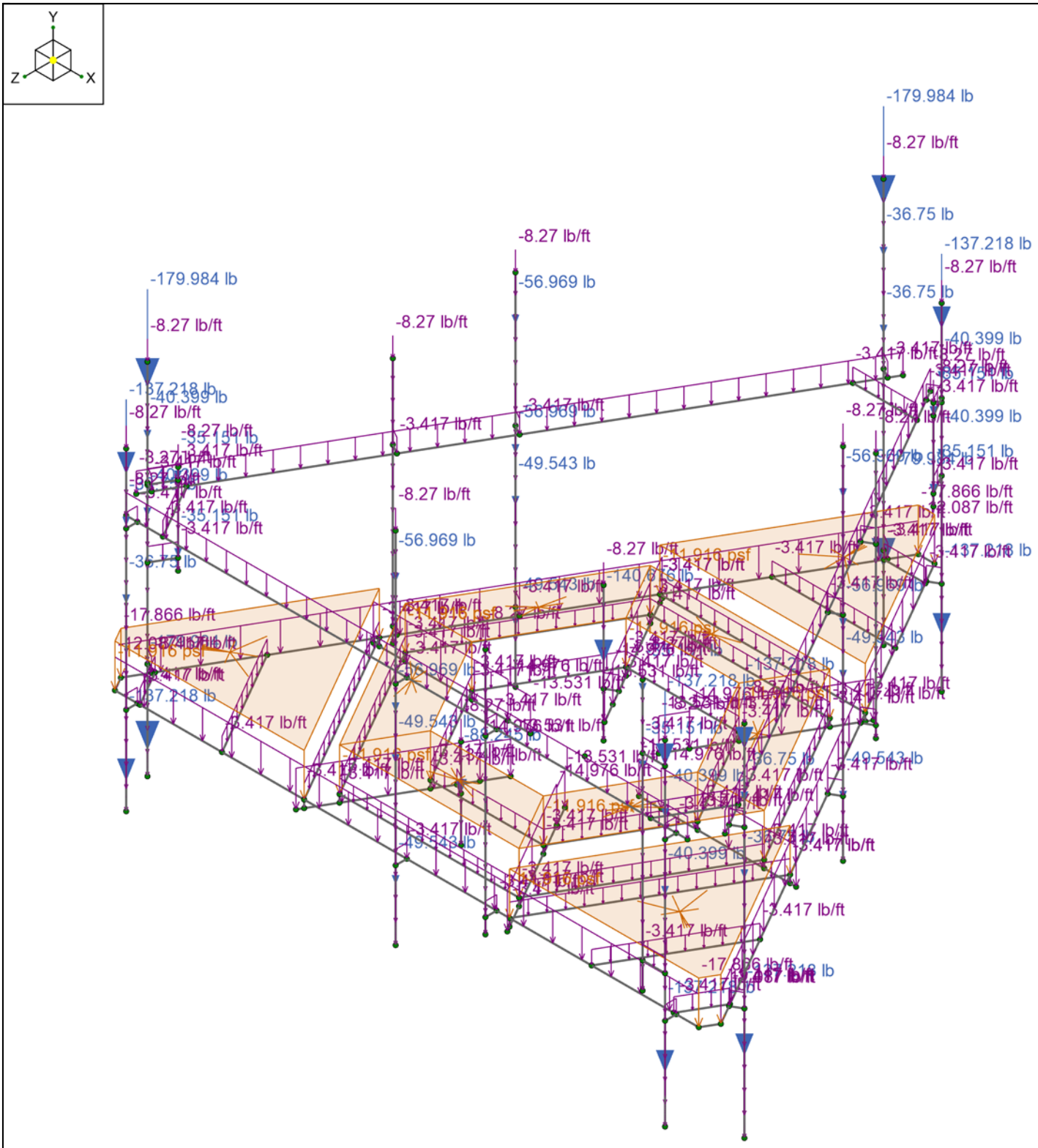

Loads: BLC 16, Ice Weight

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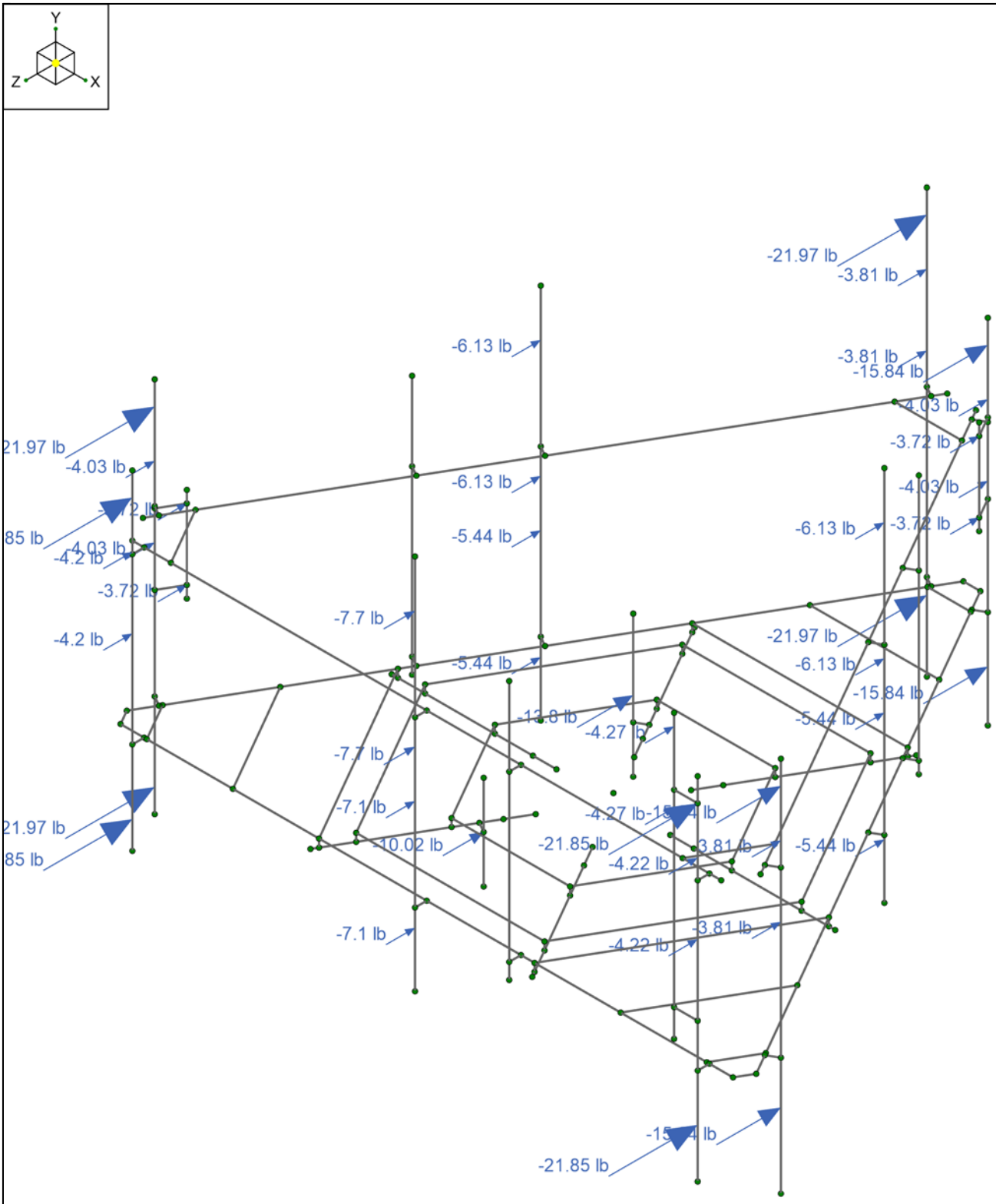

Loads: BLC 17, Ice Wind Load AZI 0

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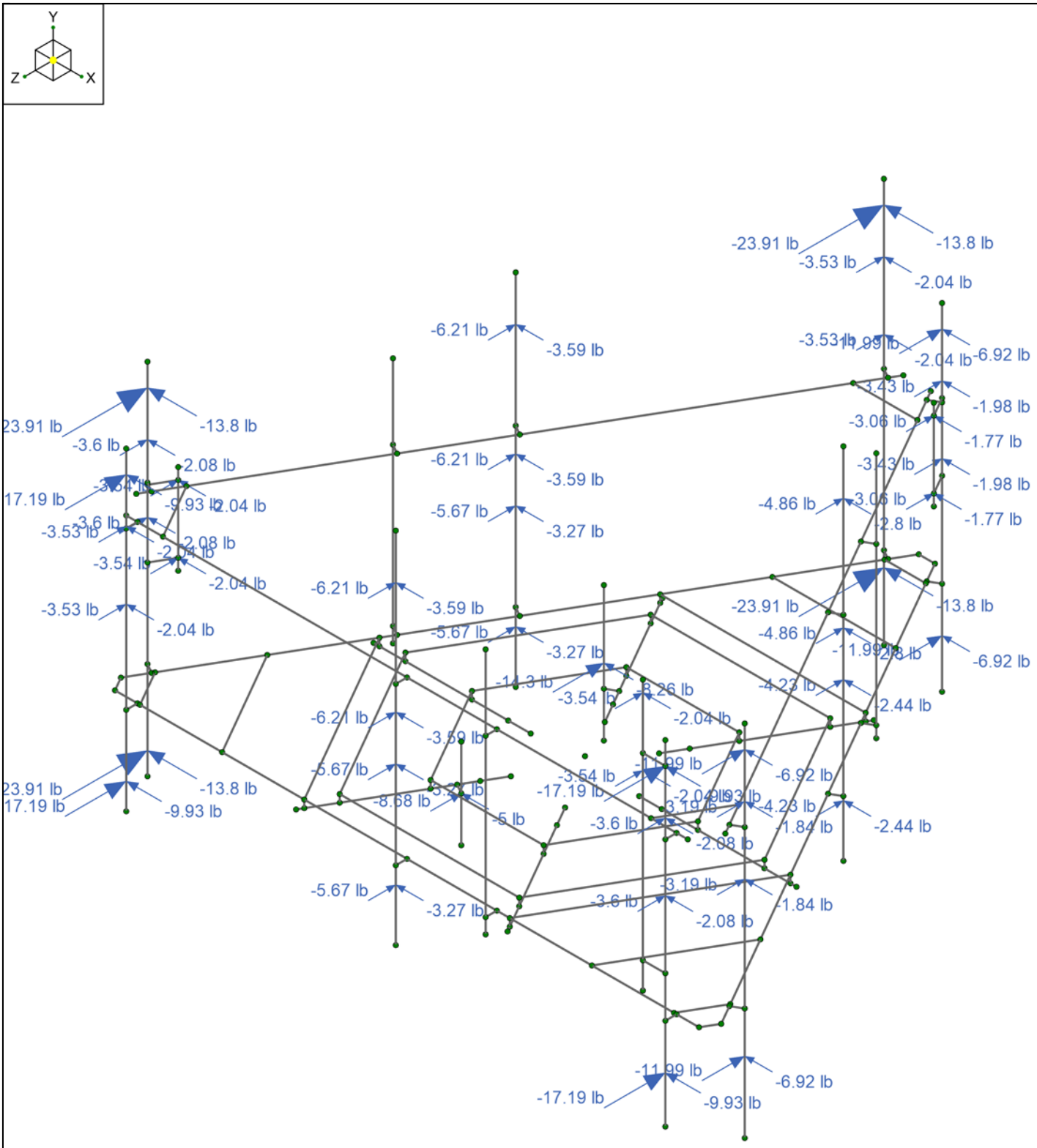

Loads: BLC 18, Ice Wind Load AZI 30

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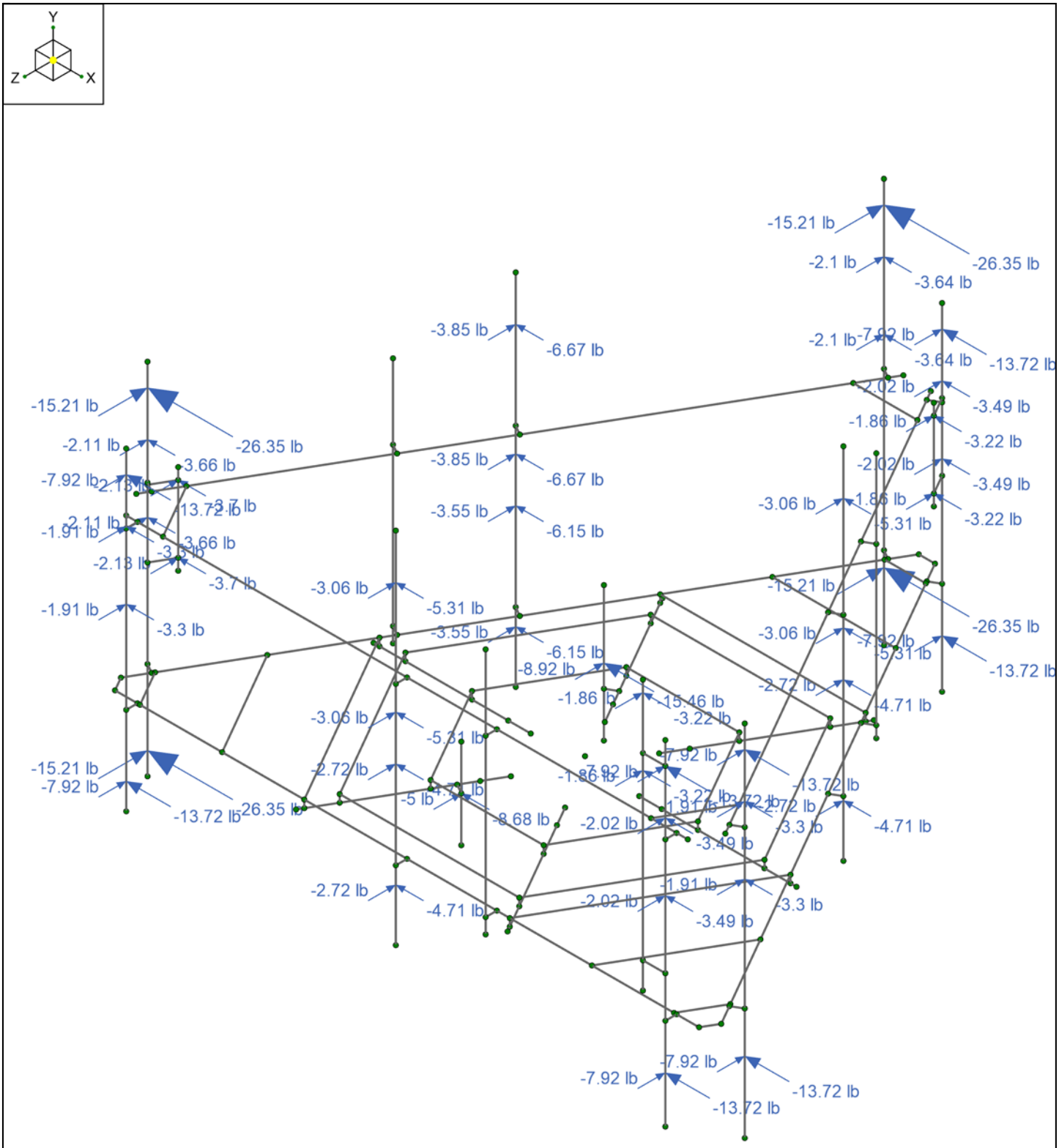

Loads: BLC 19, Ice Wind Load AZI 60

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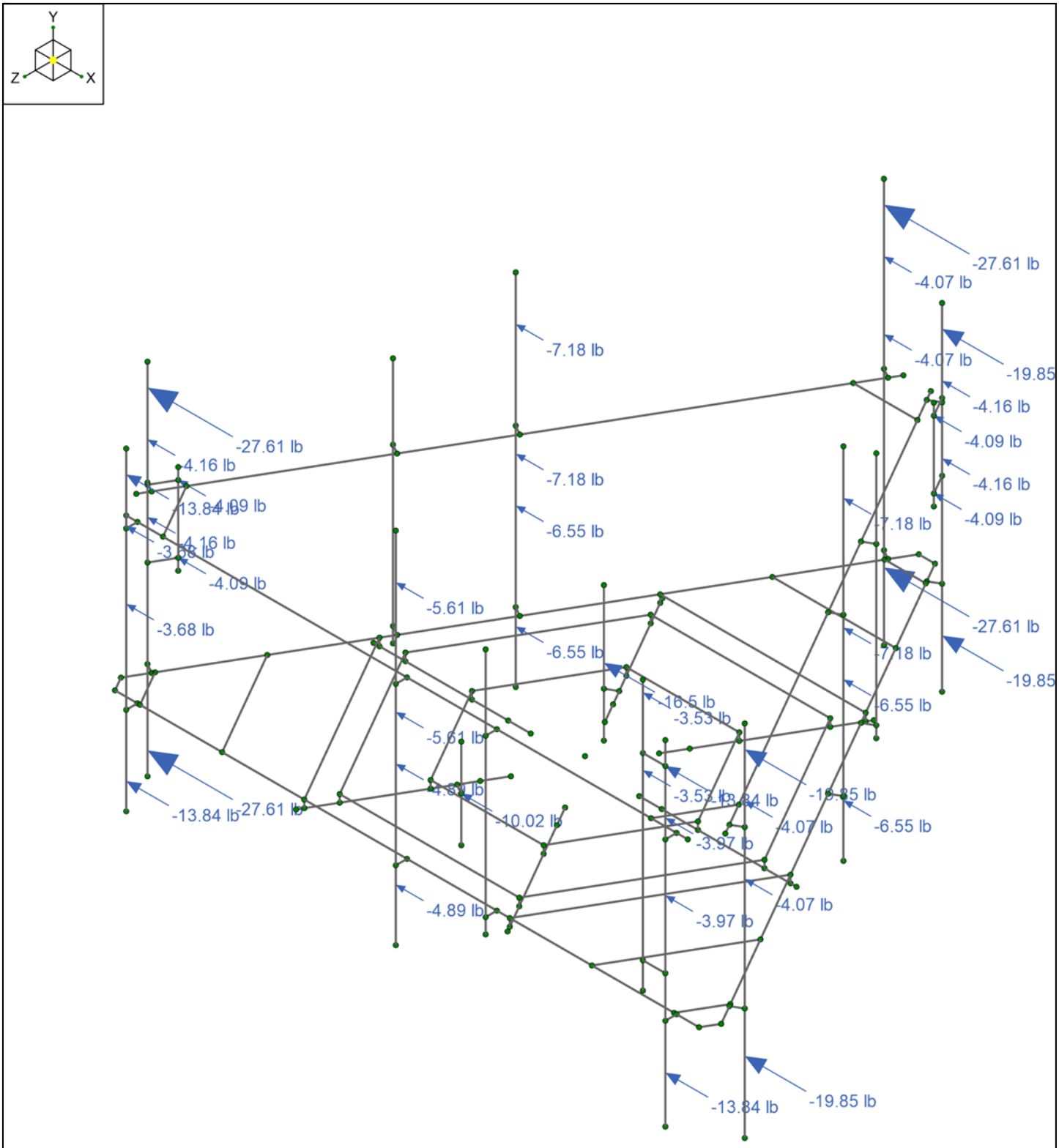

Loads: BLC 20, Ice Wind Load AZI 90

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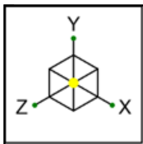

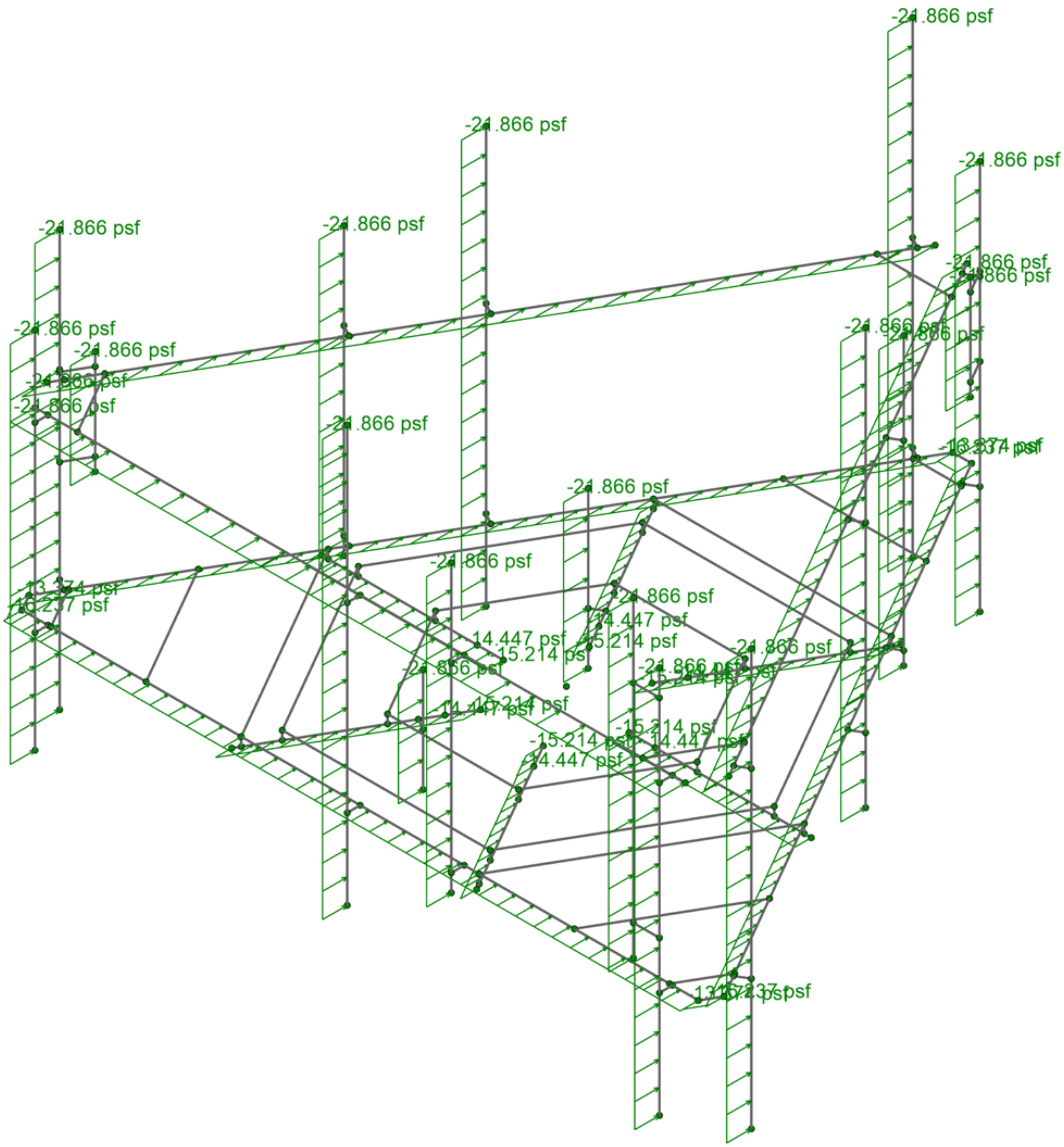

Loads: BLC 29, Distr. Ice Wind Load Z

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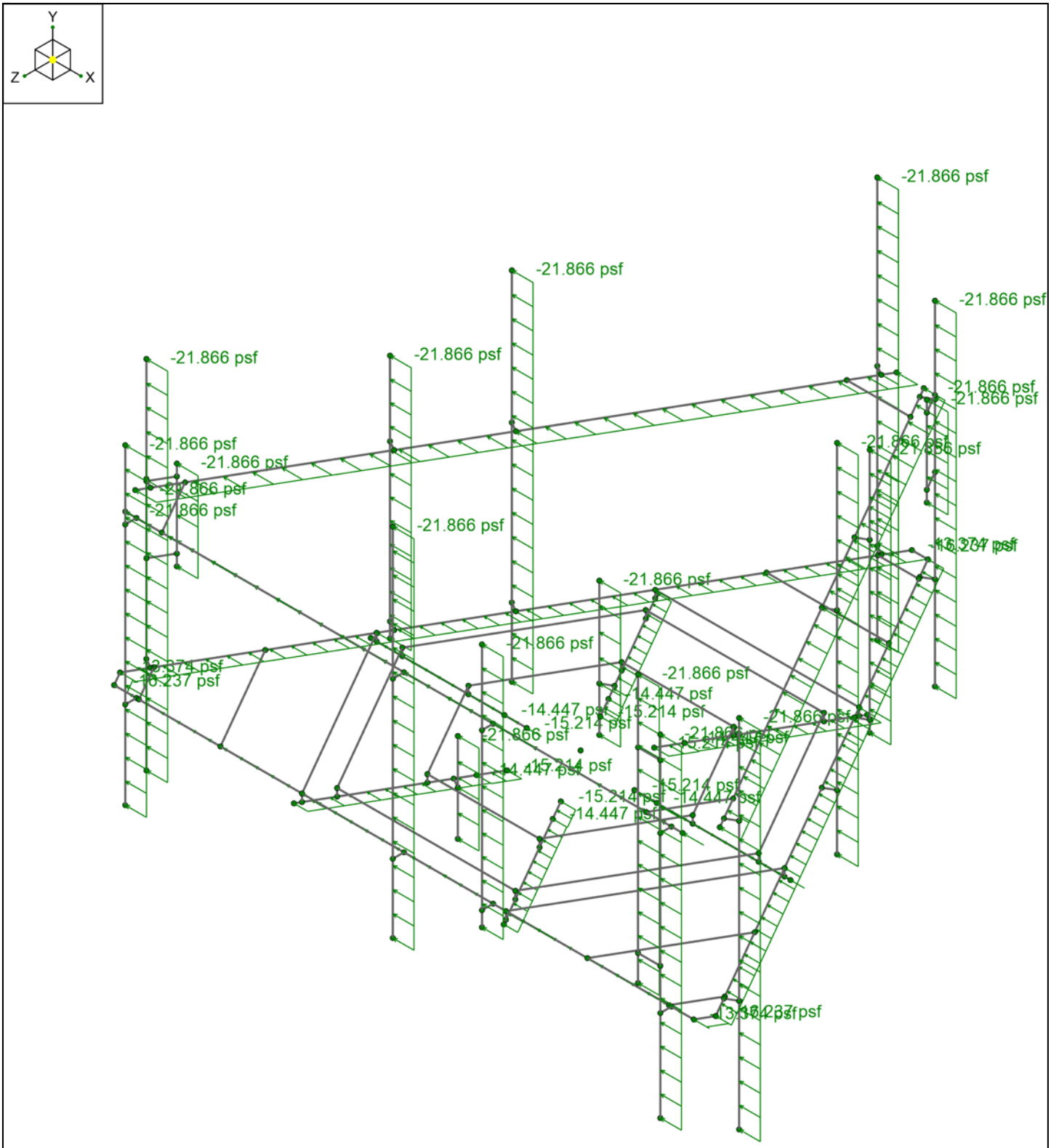

Loads: BLC 30, Distr. Ice Wind Load X

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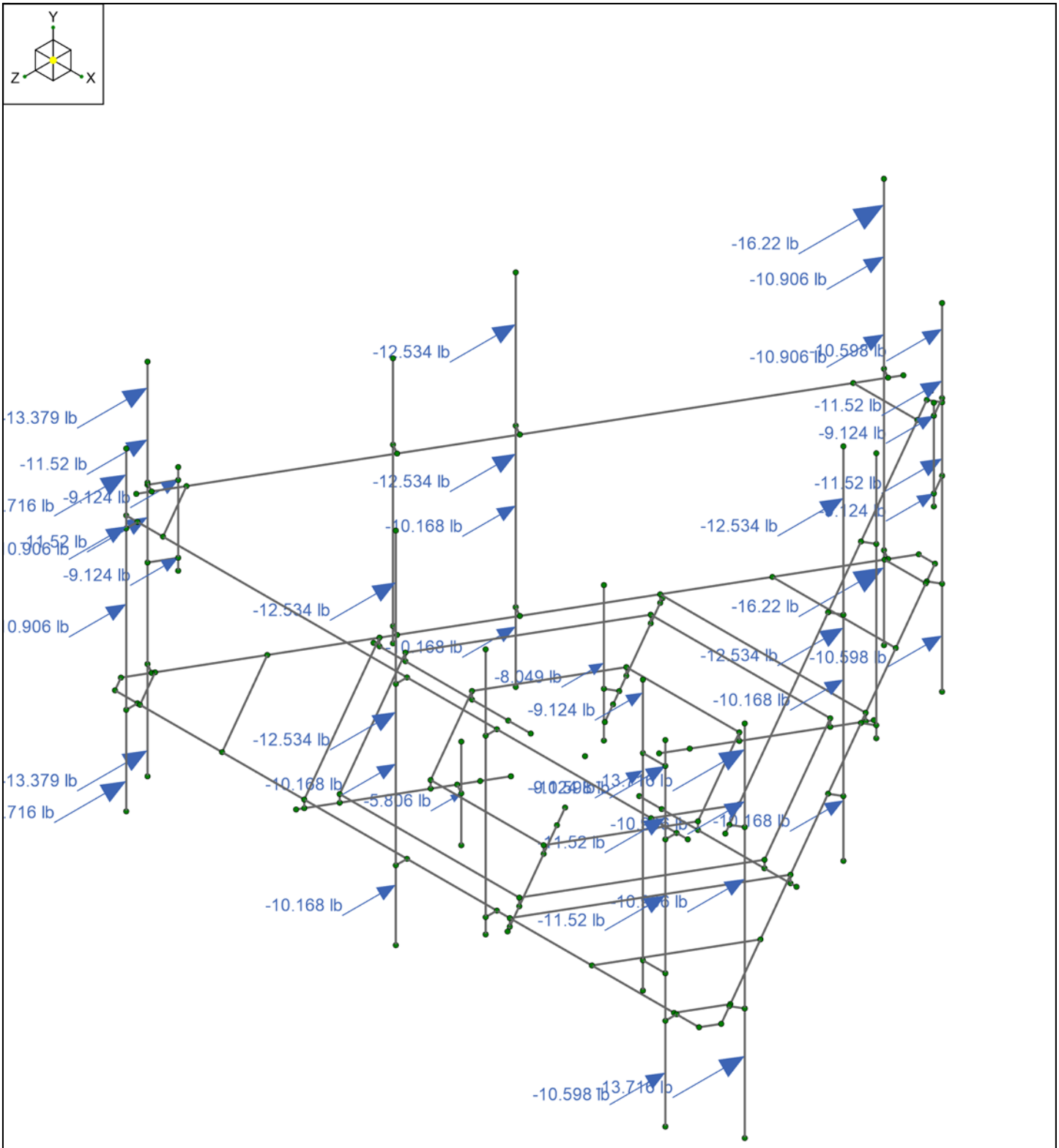

Loads: BLC 31, Seismic Load Z

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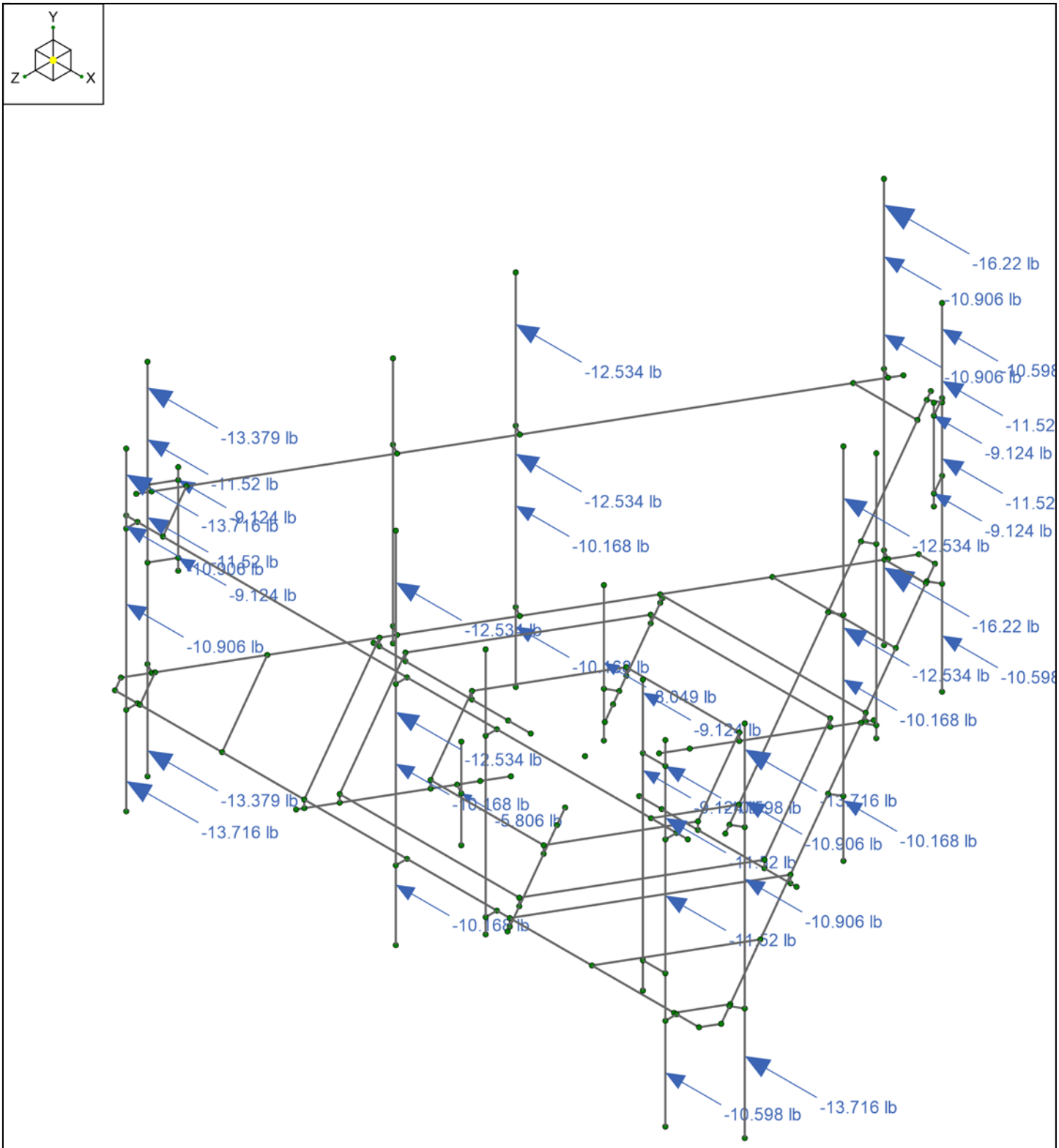

Loads: BLC 32, Seismic Load X

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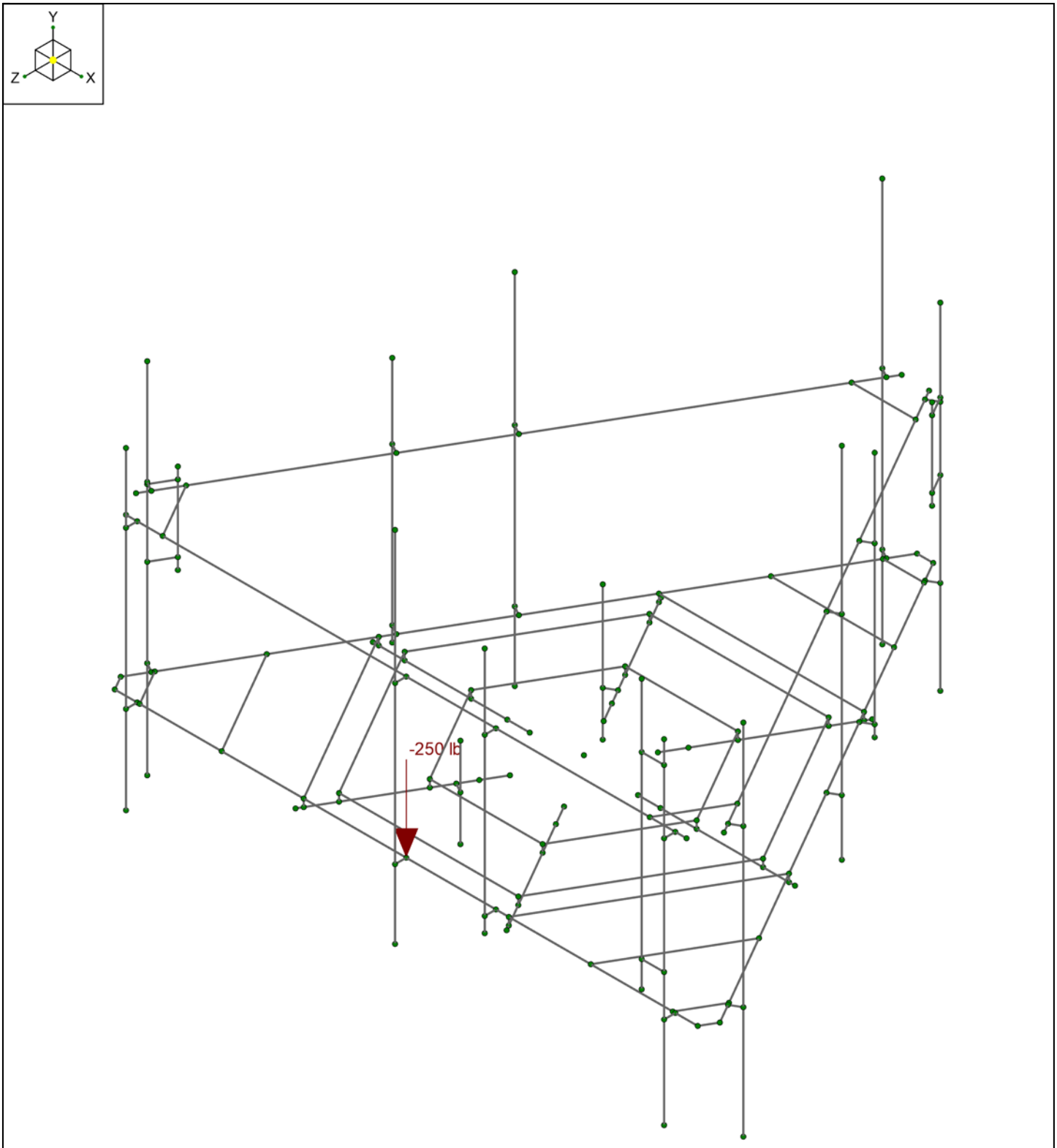

Loads: BLC 33, Service Live Loads

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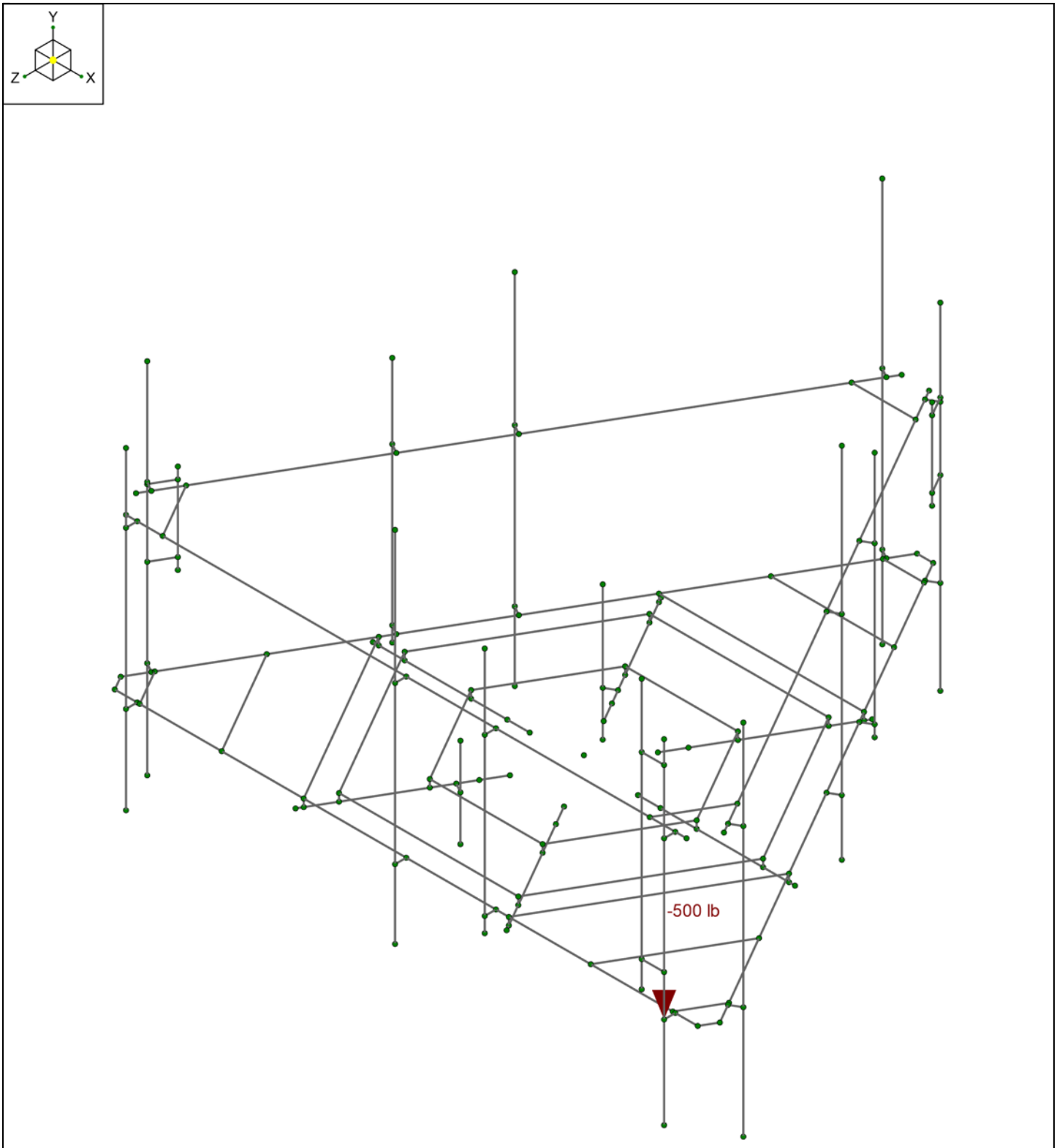

Loads: BLC 34, Maintenance Load 1

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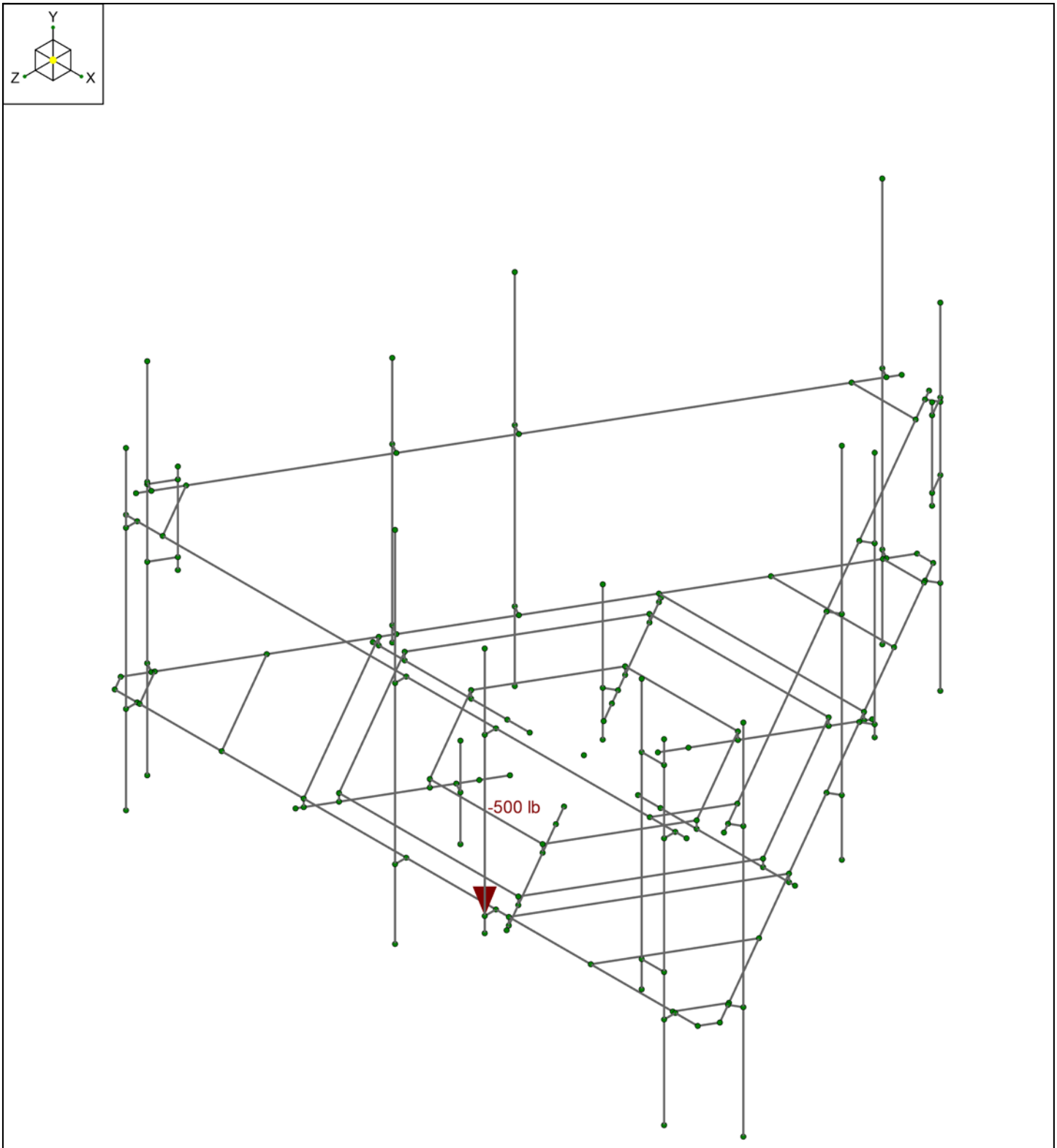

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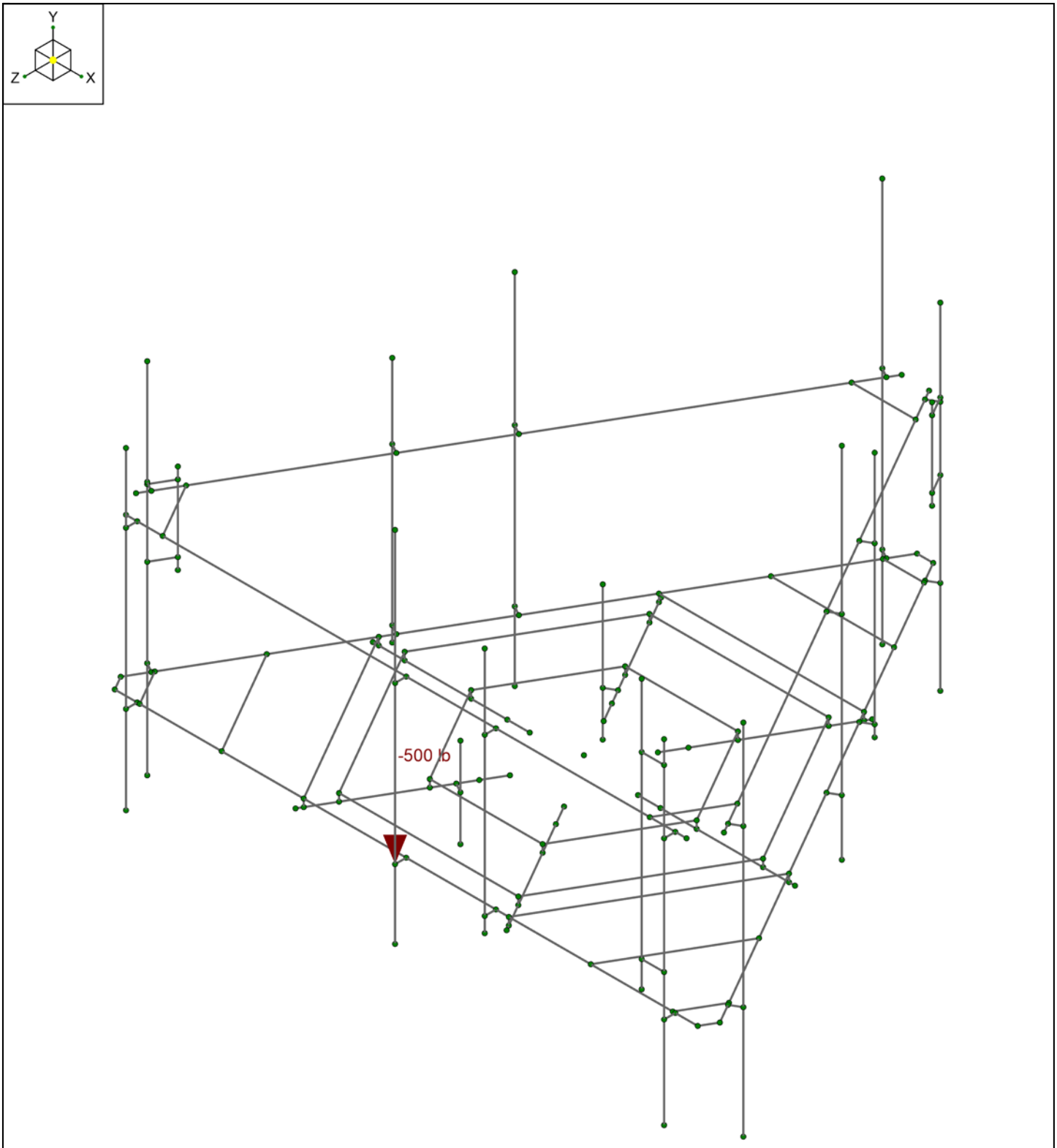

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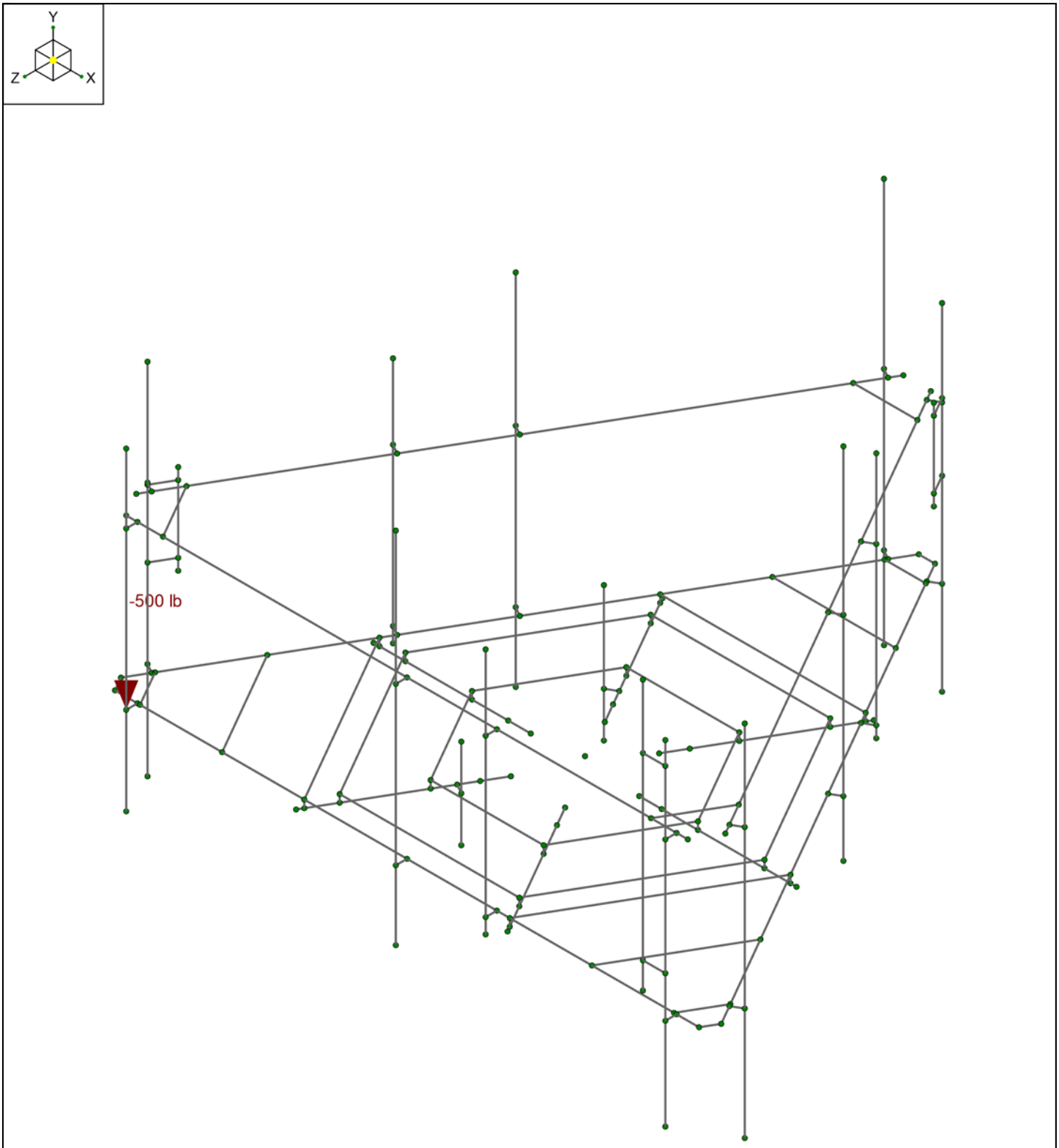

Loads: BLC 36, Maintenance Load 3

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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:	350.25	ft *Rev H

MOUNT INFORMATION		
Mount Type:	Platform	
Num Sectors:	3	
Centerline AGL:	98.00	ft
Tower Height AGL:	118.00	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):	0.987	*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}):	117	mph
Design Wind (V):	N/A	mph
Ice Wind (V_{ice}):	50	mph
Base Ice Thickness (t_i):	1.5	in
Flat Pressure:	82.854	psf
Round Pressure:	49.713	psf
Ice Wind Pressure:	9.079	psf

SEISMIC DATA		
Short-Period Accel. (S_s):	0.192	g
1-Second Accel. (S_1):	0.055	g
Short-Period Design (S_{DS}):	0.205	
1-Second Design (S_{D1}):	0.088	
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

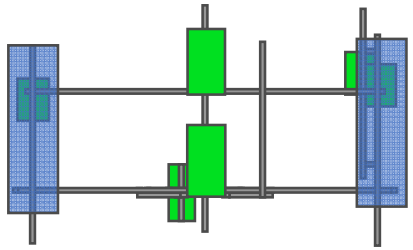
FROM ZERO TO INFINIGY

the solutions are endless

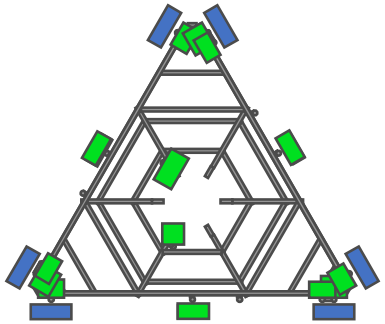
Infinigy Load Calculator V2.1.6

Program Inputs

ELEVATION VIEW



PLAN VIEW



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the solutions are endless

Infinigy Load Calculator V2.1.6

APPURTENANCE INFORMATION

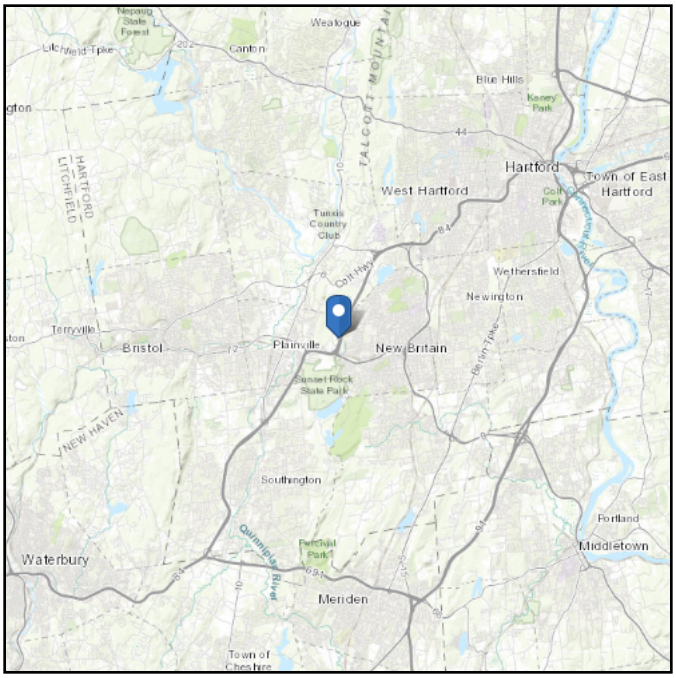
Appurtenance Name	Elevation	Qty.	K_a	q_z (psf)	EPA_N (ft^2)	EPA_T (ft^2)	Wind F_z (lbs)	Wind F_x (lbs)	Weight (lbs)	Seismic F (lbs)	Member (α sector)
CCI ANTENNAS DMP65R-BU6D	100.0	2	0.90	41.60	11.93	4.48	446.70	167.75	89.30	27.43	MP4
CCI ANTENNAS DMP65R-BU8D	100.0	1	0.90	41.60	15.86	5.95	593.85	222.79	105.60	32.44	Leg/Flush
CCI ANTENNAS TPA65R-BU6D_CCIV2	100.0	2	0.90	41.60	11.93	4.48	446.70	167.75	69.00	21.20	MP1
CCI ANTENNAS TPA65R-BU8D_CCIV2	100.0	1	0.90	41.60	15.86	5.95	593.85	222.79	87.10	26.76	Leg/Flush
ERICSSON AIR 6419 B77G	100.0	3	0.90	41.60	3.67	1.65	137.36	61.89	66.20	20.34	MP3
ERICSSON AIR 6449 B77D	100.0	3	0.90	41.60	3.64	1.72	136.29	64.40	81.60	25.07	MP3
ERICSSON RRUS 4449 B5/B12	100.0	3	0.90	41.60	1.97	1.41	73.67	52.73	71.00	21.81	MP4
ERICSSON RRUS 4478 B14_CCIV2	100.0	3	0.90	41.60	2.02	1.25	75.68	46.65	59.40	18.25	R1
ERICSSON RRUS 8843 B2/B66A_CCIV2	100.0	3	0.90	41.60	1.98	1.70	74.14	63.47	75.00	23.04	MP1
RAYCAP DC6-48-60-18-8F	98.0	1	0.90	41.43	0.92	0.92	34.18	34.18	18.90	5.81	R4
RAYCAP TME-DC9-48-60-24-8C-EV	100.0	1	0.90	41.60	4.78	2.74	179.16	102.47	26.20	8.05	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: 350.25 ft (NAVD 88)
Latitude: 41.676589
Longitude: -72.821414



Wind

Results:

Wind Speed:	117 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	97 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:	Thu Sep 09 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.

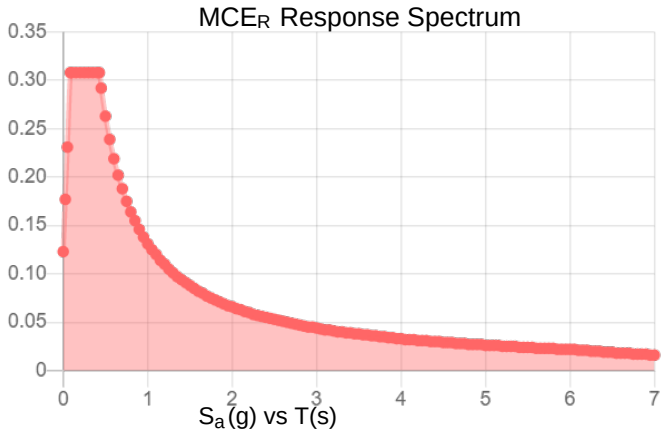
Seismic

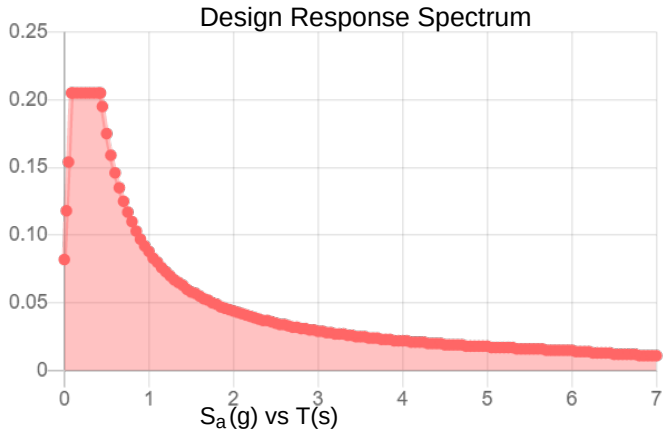
Site Soil Class: D - Stiff Soil

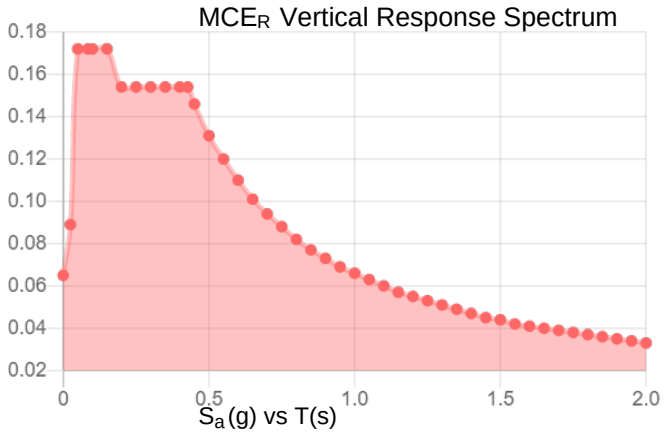
Results:

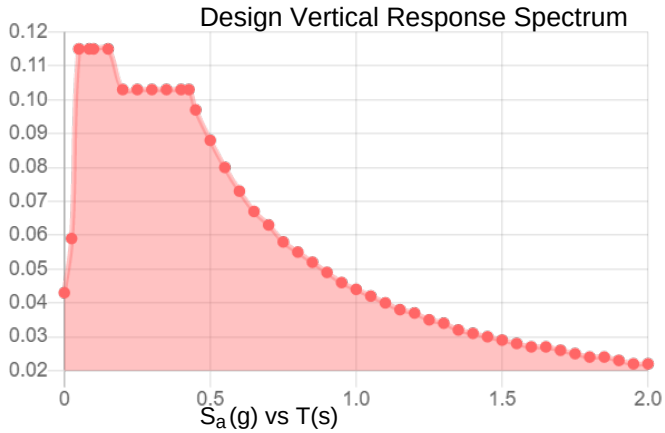
S_S :	0.192	S_{D1} :	0.088
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.105
F_v :	2.4	PGA_M :	0.166
S_{MS} :	0.308	F_{PGA} :	1.591
S_{M1} :	0.131	I_e :	1
S_{DS} :	0.205	C_v :	0.7

Seismic Design Category B









Data Accessed: Thu Sep 09 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:	1.50 in.
Concurrent Temperature:	15 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Thu Sep 09 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	MH2	N5	N7	270	Horizontal	Beam	Single Angle	A36 Gr.36	Typical
2	MH1	N10	N6	270	Horizontal	Beam	Single Angle	A36 Gr.36	Typical
3	MH3	N8	N9	270	Horizontal	Beam	Single Angle	A36 Gr.36	Typical
4	M7	N5	N6		Corner Angle	Beam	Single Angle	A36 Gr.36	Typical
5	M8	N7	N8	270	Corner Angle	Beam	Single Angle	A36 Gr.36	Typical
6	M9	N9	N10	270	Corner Angle	Beam	Single Angle	A36 Gr.36	Typical
7	MS6	N11	N109		Standoff 1	Beam	Tube	A500 Gr.B RECT	Typical
8	MS2	N13	N108		Standoff 1	Beam	Tube	A500 Gr.B RECT	Typical
9	MS7	N15	N107		Standoff 1	Beam	Tube	A500 Gr.B RECT	Typical
10	MS3	N17	N113		Standoff 1	Beam	Tube	A500 Gr.B RECT	Typical
11	MS4	N19	N110		Standoff 1	Beam	Tube	A500 Gr.B RECT	Typical
12	MS8	N21	N112		Standoff 1	Beam	Tube	A500 Gr.B RECT	Typical
13	M16	N32	N23		RIGID	None	None	RIGID	Typical
14	M17	N33	N24		RIGID	None	None	RIGID	Typical
15	M18	N34	N25		RIGID	None	None	RIGID	Typical
16	M19	N30	N26		RIGID	None	None	RIGID	Typical
17	M20	N29	N27		RIGID	None	None	RIGID	Typical
18	M21	N31	N28		RIGID	None	None	RIGID	Typical
19	M22	N29	N30	90	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
20	M23	N31	N32	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
21	M24	N33	N34	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
22	MR2	N55	N56		Handrail	Beam	Pipe	A53 Gr.B	Typical
23	MR3	N57	N58		Handrail	Beam	Pipe	A53 Gr.B	Typical
24	MR1	N59	N60		Handrail	Beam	Pipe	A53 Gr.B	Typical
25	M42	N61	N62	180	Handrail Angle	Beam	Single Angle	A36 Gr.36	Typical
26	M45	N67	N68		RIGID	None	None	RIGID	Typical
27	M46	N69	N70		RIGID	None	None	RIGID	Typical
28	MP1	N71	N72		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
29	M52	N144	N142	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
30	MS9	N108	N14		Standoff 2	Beam	Tube	A500 Gr.B RECT	Typical
31	MS10	N113	N18		Standoff 2	Beam	Tube	A500 Gr.B RECT	Typical
32	MS12	N110	N20		Standoff 2	Beam	Tube	A500 Gr.B RECT	Typical
33	MS11	N107	N16		Standoff 2	Beam	Tube	A500 Gr.B RECT	Typical
34	MS1	N109	N12		Standoff 2	Beam	Tube	A500 Gr.B RECT	Typical
35	MS5	N112	N22		Standoff 2	Beam	Tube	A500 Gr.B RECT	Typical
36	M69	N103	N104	180	Handrail Angle	Beam	Single Angle	A36 Gr.36	Typical
37	M71	N105	N106	180	Handrail Angle	Beam	Single Angle	A36 Gr.36	Typical
38	M73	N111	N114	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
39	M74	N115	N116	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
40	M75	N118	N117	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
41	M76	N119	N120	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
42	M77	N122	N121	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
43	M78	N123	N124	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
44	M79	N128	N127	90	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
45	M80	N130	N127		RIGID	None	None	RIGID	Typical
46	M81	N129	N128		RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
47	M82	N125	N131		RIGID	None	None	RIGID	Typical
48	M83	N126	N132		RIGID	None	None	RIGID	Typical
49	M84	N132	N131	90	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
50	M85	N133	N135		RIGID	None	None	RIGID	Typical
51	M86	N134	N136		RIGID	None	None	RIGID	Typical
52	M87	N136	N135	90	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
53	M88	N127	N136	90	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
54	M89	N135	N132	90	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
55	M90	N131	N128	90	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
56	M93	N138	N142		RIGID	None	None	RIGID	Typical
57	M94	N140	N144		RIGID	None	None	RIGID	Typical
58	M91	N139	N137		RIGID	None	None	RIGID	Typical
59	M92	N141	N143		RIGID	None	None	RIGID	Typical
60	M95	N143	N137	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
61	M96	N146	N145		RIGID	None	None	RIGID	Typical
62	M97	N147	N148		RIGID	None	None	RIGID	Typical
63	M98	N148	N145	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
64	M101	N142	N143	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
65	M104	N145	N144	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
66	M107	N137	N148	180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
67	MP2	N92	N94		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
68	M109	N93	N95		RIGID	None	None	RIGID	Typical
69	M110	N97	N96		RIGID	None	None	RIGID	Typical
70	MP4	N99	N101		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
71	M112	N100	N102		RIGID	None	None	RIGID	Typical
72	M113	N98	N149		RIGID	None	None	RIGID	Typical
73	R1	N154	N155		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
74	M115	N152	N150		RIGID	None	None	RIGID	Typical
75	M116	N153	N151		RIGID	None	None	RIGID	Typical
76	M117	N159	N160		RIGID	None	None	RIGID	Typical
77	M118	N162	N161		RIGID	None	None	RIGID	Typical
78	M119	N164	N165		RIGID	None	None	RIGID	Typical
79	M120	N163	N166		RIGID	None	None	RIGID	Typical
80	M121	N168	N169		RIGID	None	None	RIGID	Typical
81	M122	N167	N170		RIGID	None	None	RIGID	Typical
82	MP10	N172	N173		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
83	MP12	N174	N175		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
84	MP9	N157	N171		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
85	M126	N178	N176		RIGID	None	None	RIGID	Typical
86	M127	N179	N177		RIGID	None	None	RIGID	Typical
87	R3	N158	N156		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	M129	N183	N184		RIGID	None	None	RIGID	Typical
89	M130	N186	N185		RIGID	None	None	RIGID	Typical
90	M131	N188	N189		RIGID	None	None	RIGID	Typical
91	M132	N187	N190		RIGID	None	None	RIGID	Typical
92	M133	N192	N193		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	M134	N191	N194		RIGID	None	None	RIGID	Typical
94	MP6	N196	N197		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
95	MP8	N198	N199		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	MP5	N181	N195		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	M138	N202	N200		RIGID	None	None	RIGID	Typical
98	M139	N203	N201		RIGID	None	None	RIGID	Typical
99	R2	N182	N180		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M108	N204	N207		RIGID	None	None	RIGID	Typical
101	M111	N205	N206		RIGID	None	None	RIGID	Typical
102	MP7	N208	N209		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	MP11	N214	N215		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
104	M142	N210	N213		RIGID	None	None	RIGID	Typical
105	M143	N211	N212		RIGID	None	None	RIGID	Typical
106	M114	N216	N217		RIGID	None	None	RIGID	Typical
107	R4	N219	N218		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
108	M124	N221	N220		RIGID	None	None	RIGID	Typical
109	M125	N222	N223		RIGID	None	None	RIGID	Typical
110	MP3	N224	N225		Mount Pipe	Column	Pipe	A53 Gr.B	Typical
111	M123	N227	N228		RIGID	None	None	RIGID	Typical
112	R5	N226	N229		Mount Pipe	Column	Pipe	A53 Gr.B	Typical

Member Advanced Data

	Label	Physical	Deflection Ratio Options	Seismic DR
1	MH2	Yes	Default	None
2	MH1	Yes	Default	None
3	MH3	Yes	Default	None
4	M7	Yes	Default	None
5	M8	Yes	Default	None
6	M9	Yes	Default	None
7	MS6	Yes	Default	None
8	MS2	Yes	Default	None
9	MS7	Yes	Default	None
10	MS3	Yes	Default	None
11	MS4	Yes	Default	None
12	MS8	Yes	Default	None
13	M16	Yes	** NA **	None
14	M17	Yes	** NA **	None
15	M18	Yes	** NA **	None
16	M19	Yes	** NA **	None
17	M20	Yes	** NA **	None
18	M21	Yes	** NA **	None
19	M22	Yes	Default	None
20	M23	Yes	Default	None
21	M24	Yes	Default	None
22	MR2	Yes	Default	None
23	MR3	Yes	Default	None

Member Advanced Data (Continued)

	Label	Physical	Deflection Ratio Options	Seismic DR
24	MR1	Yes	Default	None
25	M42	Yes	Default	None
26	M45	Yes	** NA **	None
27	M46	Yes	** NA **	None
28	MP1	Yes	** NA **	None
29	M52	Yes	Default	None
30	MS9	Yes	Default	None
31	MS10	Yes	Default	None
32	MS12	Yes	Default	None
33	MS11	Yes	Default	None
34	MS1	Yes	Default	None
35	MS5	Yes	Default	None
36	M69	Yes	Default	None
37	M71	Yes	Default	None
38	M73	Yes	Default	None
39	M74	Yes	Default	None
40	M75	Yes	Default	None
41	M76	Yes	Default	None
42	M77	Yes	Default	None
43	M78	Yes	Default	None
44	M79	Yes	Default	None
45	M80	Yes	** NA **	None
46	M81	Yes	** NA **	None
47	M82	Yes	** NA **	None
48	M83	Yes	** NA **	None
49	M84	Yes	Default	None
50	M85	Yes	** NA **	None
51	M86	Yes	** NA **	None
52	M87	Yes	Default	None
53	M88	Yes	Default	None
54	M89	Yes	Default	None
55	M90	Yes	Default	None
56	M93	Yes	** NA **	None
57	M94	Yes	** NA **	None
58	M91	Yes	** NA **	None
59	M92	Yes	** NA **	None
60	M95	Yes	Default	None
61	M96	Yes	** NA **	None
62	M97	Yes	** NA **	None
63	M98	Yes	Default	None
64	M101	Yes	Default	None
65	M104	Yes	Default	None
66	M107	Yes	Default	None
67	MP2	Yes	** NA **	None
68	M109	Yes	** NA **	None
69	M110	Yes	** NA **	None

Member Advanced Data (Continued)

	Label	Physical	Deflection Ratio Options	Seismic DR
70	MP4	Yes	** NA **	None
71	M112	Yes	** NA **	None
72	M113	Yes	** NA **	None
73	R1	Yes	** NA **	None
74	M115	Yes	** NA **	None
75	M116	Yes	** NA **	None
76	M117	Yes	** NA **	None
77	M118	Yes	** NA **	None
78	M119	Yes	** NA **	None
79	M120	Yes	** NA **	None
80	M121	Yes	** NA **	None
81	M122	Yes	** NA **	None
82	MP10	Yes	** NA **	None
83	MP12	Yes	** NA **	None
84	MP9	Yes	** NA **	None
85	M126	Yes	** NA **	None
86	M127	Yes	** NA **	None
87	R3	Yes	** NA **	None
88	M129	Yes	** NA **	None
89	M130	Yes	** NA **	None
90	M131	Yes	** NA **	None
91	M132	Yes	** NA **	None
92	M133	Yes	** NA **	None
93	M134	Yes	** NA **	None
94	MP6	Yes	** NA **	None
95	MP8	Yes	** NA **	None
96	MP5	Yes	** NA **	None
97	M138	Yes	** NA **	None
98	M139	Yes	** NA **	None
99	R2	Yes	** NA **	None
100	M108	Yes	** NA **	None
101	M111	Yes	** NA **	None
102	MP7	Yes	** NA **	None
103	MP11	Yes	** NA **	None
104	M142	Yes	** NA **	None
105	M143	Yes	** NA **	None
106	M114	Yes	** NA **	None
107	R4	Yes	** NA **	None
108	M124	Yes	** NA **	None
109	M125	Yes	** NA **	None
110	MP3	Yes	** NA **	None
111	M123	Yes	** NA **	None
112	R5	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	N17	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	N21	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
3	N15	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
4	N11	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
5	N19	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
6	N13	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Material Take-Off

	Material	Size	Pieces	Length[in]	Weight[LB]
1	General Members				
2	RIGID		50	150	0
3	Total General		50	150	0
4					
5	Hot Rolled Steel				
6	A36 Gr.36	L2.5x2.5x3	3	51.4	13.141
7	A36 Gr.36	L2x2x4	21	765.4	204.874
8	A36 Gr.36	L3X3X6	3	468	280.015
9	A36 Gr.36	L5X5X6	3	13	13.445
10	A500 Gr.B RECT	HSS3.5X3.5X4	6	36	31.949
11	A500 Gr.B RECT	HSS4X4X2	6	216	116.599
12	A53 Gr.B	PIPE_2.0	20	1679.5	485.772
13	Total HR Steel		62	3229.3	1145.796

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Nodal	Point	Distributed	Area(Member)
1	Self Weight	DL		-1			46		9
2	Wind Load AZI 0	WLZ					92		
3	Wind Load AZI 30	None					92		
4	Wind Load AZI 60	None					92		
5	Wind Load AZI 90	WLX					92		
6	Wind Load AZI 120	None					92		
7	Wind Load AZI 150	None					92		
8	Wind Load AZI 180	None					92		
9	Wind Load AZI 210	None					92		
10	Wind Load AZI 240	None					92		
11	Wind Load AZI 270	None					92		
12	Wind Load AZI 300	None					92		
13	Wind Load AZI 330	None					92		
14	Distr. Wind Load Z	WLZ						112	
15	Distr. Wind Load X	WLX						112	
16	Ice Weight	OL1					46	112	9
17	Ice Wind Load AZI 0	OL2					92		
18	Ice Wind Load AZI 30	None					92		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Nodal	Point	Distributed	Area(Member)
19	Ice Wind Load AZI 60	None					92		
20	Ice Wind Load AZI 90	OL3					92		
21	Ice Wind Load AZI 120	None					92		
22	Ice Wind Load AZI 150	None					92		
23	Ice Wind Load AZI 180	None					92		
24	Ice Wind Load AZI 210	None					92		
25	Ice Wind Load AZI 240	None					92		
26	Ice Wind Load AZI 270	None					92		
27	Ice Wind Load AZI 300	None					92		
28	Ice Wind Load AZI 330	None					92		
29	Distr. Ice Wind Load Z	OL2						112	
30	Distr. Ice Wind Load X	OL3						112	
31	Seismic Load Z	ELZ			-0.307		46		
32	Seismic Load X	ELX	-0.307				46		
33	Service Live Loads	LL				1			
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						86	
47	BLC 16 Transient Area Loads	None						86	

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			

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
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
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	1.241	31	1	32					
40	(1.2 + 0.2Sds)DL + 1.0E AZI 30	Yes	Y	1	1.241	31	0.866	32	0.5				
41	(1.2 + 0.2Sds)DL + 1.0E AZI 60	Yes	Y	1	1.241	31	0.5	32	0.866				
42	(1.2 + 0.2Sds)DL + 1.0E AZI 90	Yes	Y	1	1.241	31		32	1				
43	(1.2 + 0.2Sds)DL + 1.0E AZI 120	Yes	Y	1	1.241	31	-0.5	32	0.866				
44	(1.2 + 0.2Sds)DL + 1.0E AZI 150	Yes	Y	1	1.241	31	-0.866	32	0.5				
45	(1.2 + 0.2Sds)DL + 1.0E AZI 180	Yes	Y	1	1.241	31	-1	32					
46	(1.2 + 0.2Sds)DL + 1.0E AZI 210	Yes	Y	1	1.241	31	-0.866	32	-0.5				
47	(1.2 + 0.2Sds)DL + 1.0E AZI 240	Yes	Y	1	1.241	31	-0.5	32	-0.866				
48	(1.2 + 0.2Sds)DL + 1.0E AZI 270	Yes	Y	1	1.241	31		32	-1				
49	(1.2 + 0.2Sds)DL + 1.0E AZI 300	Yes	Y	1	1.241	31	0.5	32	-0.866				
50	(1.2 + 0.2Sds)DL + 1.0E AZI 330	Yes	Y	1	1.241	31	0.866	32	-0.5				
51	(0.9 - 0.2Sds)DL + 1.0E AZI 0	Yes	Y	1	0.859	31	1	32					
52	(0.9 - 0.2Sds)DL + 1.0E AZI 30	Yes	Y	1	0.859	31	0.866	32	0.5				
53	(0.9 - 0.2Sds)DL + 1.0E AZI 60	Yes	Y	1	0.859	31	0.5	32	0.866				
54	(0.9 - 0.2Sds)DL + 1.0E AZI 90	Yes	Y	1	0.859	31		32	1				
55	(0.9 - 0.2Sds)DL + 1.0E AZI 120	Yes	Y	1	0.859	31	-0.5	32	0.866				
56	(0.9 - 0.2Sds)DL + 1.0E AZI 150	Yes	Y	1	0.859	31	-0.866	32	0.5				
57	(0.9 - 0.2Sds)DL + 1.0E AZI 180	Yes	Y	1	0.859	31	-1	32					
58	(0.9 - 0.2Sds)DL + 1.0E AZI 210	Yes	Y	1	0.859	31	-0.866	32	-0.5				
59	(0.9 - 0.2Sds)DL + 1.0E AZI 240	Yes	Y	1	0.859	31	-0.5	32	-0.866				
60	(0.9 - 0.2Sds)DL + 1.0E AZI 270	Yes	Y	1	0.859	31		32	-1				

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
61	(0.9 - 0.2Sds)DL + 1.0E AZI 300	Yes	Y	1	0.859	31	0.5	32	-0.866				
62	(0.9 - 0.2Sds)DL + 1.0E AZI 330	Yes	Y	1	0.859	31	0.866	32	-0.5				
63	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 0	Yes	Y	1	1	2	0.263	14	0.263	15		33	1.5
64	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 30	Yes	Y	1	1	3	0.263	14	0.228	15	0.131	33	1.5
65	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 60	Yes	Y	1	1	4	0.263	14	0.131	15	0.228	33	1.5
66	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 90	Yes	Y	1	1	5	0.263	14		15	0.263	33	1.5
67	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 120	Yes	Y	1	1	6	0.263	14	-0.131	15	0.228	33	1.5
68	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 150	Yes	Y	1	1	7	0.263	14	-0.228	15	0.131	33	1.5
69	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 180	Yes	Y	1	1	8	0.263	14	-0.263	15		33	1.5
70	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 210	Yes	Y	1	1	9	0.263	14	-0.228	15	-0.131	33	1.5
71	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 240	Yes	Y	1	1	10	0.263	14	-0.131	15	-0.228	33	1.5
72	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 270	Yes	Y	1	1	11	0.263	14		15	-0.263	33	1.5
73	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 300	Yes	Y	1	1	12	0.263	14	0.131	15	-0.228	33	1.5
74	1.0DL + 1.5LL + 1.0SWL (60 mph) AZI 330	Yes	Y	1	1	13	0.263	14	0.228	15	-0.131	33	1.5
75	1.2DL + 1.5LL	Yes	Y	1	1.2	33	1.5						
76	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	34	1.5	2	0.066	14	0.066	15	
77	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	34	1.5	3	0.066	14	0.057	15	0.033
78	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	34	1.5	4	0.066	14	0.033	15	0.057
79	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	34	1.5	5	0.066	14		15	0.066
80	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	34	1.5	6	0.066	14	-0.033	15	0.057
81	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	34	1.5	7	0.066	14	-0.057	15	0.033
82	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	34	1.5	8	0.066	14	-0.066	15	
83	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	34	1.5	9	0.066	14	-0.057	15	-0.033
84	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	34	1.5	10	0.066	14	-0.033	15	-0.057
85	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	34	1.5	11	0.066	14		15	-0.066
86	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	34	1.5	12	0.066	14	0.033	15	-0.057
87	1.2DL + 1.5LM-MP1 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	34	1.5	13	0.066	14	0.057	15	-0.033
88	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	35	1.5	2	0.066	14	0.066	15	
89	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	35	1.5	3	0.066	14	0.057	15	0.033
90	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	35	1.5	4	0.066	14	0.033	15	0.057
91	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	35	1.5	5	0.066	14		15	0.066
92	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	35	1.5	6	0.066	14	-0.033	15	0.057
93	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	35	1.5	7	0.066	14	-0.057	15	0.033
94	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	35	1.5	8	0.066	14	-0.066	15	
95	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	35	1.5	9	0.066	14	-0.057	15	-0.033
96	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	35	1.5	10	0.066	14	-0.033	15	-0.057
97	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	35	1.5	11	0.066	14		15	-0.066
98	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	35	1.5	12	0.066	14	0.033	15	-0.057
99	1.2DL + 1.5LM-MP2 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	35	1.5	13	0.066	14	0.057	15	-0.033
100	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	36	1.5	2	0.066	14	0.066	15	
101	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	36	1.5	3	0.066	14	0.057	15	0.033
102	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	36	1.5	4	0.066	14	0.033	15	0.057
103	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	36	1.5	5	0.066	14		15	0.066
104	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	36	1.5	6	0.066	14	-0.033	15	0.057
105	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	36	1.5	7	0.066	14	-0.057	15	0.033
106	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	36	1.5	8	0.066	14	-0.066	15	

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
107	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	36	1.5	9	0.066	14	-0.057	15	-0.033
108	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	36	1.5	10	0.066	14	-0.033	15	-0.057
109	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	36	1.5	11	0.066	14		15	-0.066
110	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	36	1.5	12	0.066	14	0.033	15	-0.057
111	1.2DL + 1.5LM-MP3 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	36	1.5	13	0.066	14	0.057	15	-0.033
112	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	37	1.5	2	0.066	14	0.066	15	
113	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	37	1.5	3	0.066	14	0.057	15	0.033
114	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	37	1.5	4	0.066	14	0.033	15	0.057
115	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	37	1.5	5	0.066	14		15	0.066
116	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	37	1.5	6	0.066	14	-0.033	15	0.057
117	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	37	1.5	7	0.066	14	-0.057	15	0.033
118	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	37	1.5	8	0.066	14	-0.066	15	
119	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	37	1.5	9	0.066	14	-0.057	15	-0.033
120	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	37	1.5	10	0.066	14	-0.033	15	-0.057
121	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	37	1.5	11	0.066	14		15	-0.066
122	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	37	1.5	12	0.066	14	0.033	15	-0.057
123	1.2DL + 1.5LM-MP4 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	37	1.5	13	0.066	14	0.057	15	-0.033
124	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	38	1.5	2	0.066	14	0.066	15	
125	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	38	1.5	3	0.066	14	0.057	15	0.033
126	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	38	1.5	4	0.066	14	0.033	15	0.057
127	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	38	1.5	5	0.066	14		15	0.066
128	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	38	1.5	6	0.066	14	-0.033	15	0.057
129	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	38	1.5	7	0.066	14	-0.057	15	0.033
130	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	38	1.5	8	0.066	14	-0.066	15	
131	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	38	1.5	9	0.066	14	-0.057	15	-0.033
132	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	38	1.5	10	0.066	14	-0.033	15	-0.057
133	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	38	1.5	11	0.066	14		15	-0.066
134	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	38	1.5	12	0.066	14	0.033	15	-0.057
135	1.2DL + 1.5LM-MP5 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	38	1.5	13	0.066	14	0.057	15	-0.033
136	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	39	1.5	2	0.066	14	0.066	15	
137	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	39	1.5	3	0.066	14	0.057	15	0.033
138	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	39	1.5	4	0.066	14	0.033	15	0.057
139	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	39	1.5	5	0.066	14		15	0.066
140	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	39	1.5	6	0.066	14	-0.033	15	0.057
141	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	39	1.5	7	0.066	14	-0.057	15	0.033
142	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	39	1.5	8	0.066	14	-0.066	15	
143	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	39	1.5	9	0.066	14	-0.057	15	-0.033
144	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	39	1.5	10	0.066	14	-0.033	15	-0.057
145	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	39	1.5	11	0.066	14		15	-0.066
146	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	39	1.5	12	0.066	14	0.033	15	-0.057
147	1.2DL + 1.5LM-MP6 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	39	1.5	13	0.066	14	0.057	15	-0.033
148	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	40	1.5	2	0.066	14	0.066	15	
149	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	40	1.5	3	0.066	14	0.057	15	0.033
150	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	40	1.5	4	0.066	14	0.033	15	0.057
151	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	40	1.5	5	0.066	14		15	0.066
152	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	40	1.5	6	0.066	14	-0.033	15	0.057

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
153	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	40	1.5	7	0.066	14	-0.057	15	0.033
154	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	40	1.5	8	0.066	14	-0.066	15	
155	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	40	1.5	9	0.066	14	-0.057	15	-0.033
156	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	40	1.5	10	0.066	14	-0.033	15	-0.057
157	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	40	1.5	11	0.066	14		15	-0.066
158	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	40	1.5	12	0.066	14	0.033	15	-0.057
159	1.2DL + 1.5LM-MP7 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	40	1.5	13	0.066	14	0.057	15	-0.033
160	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	41	1.5	2	0.066	14	0.066	15	
161	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	41	1.5	3	0.066	14	0.057	15	0.033
162	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	41	1.5	4	0.066	14	0.033	15	0.057
163	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	41	1.5	5	0.066	14		15	0.066
164	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	41	1.5	6	0.066	14	-0.033	15	0.057
165	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	41	1.5	7	0.066	14	-0.057	15	0.033
166	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	41	1.5	8	0.066	14	-0.066	15	
167	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	41	1.5	9	0.066	14	-0.057	15	-0.033
168	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	41	1.5	10	0.066	14	-0.033	15	-0.057
169	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	41	1.5	11	0.066	14		15	-0.066
170	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	41	1.5	12	0.066	14	0.033	15	-0.057
171	1.2DL + 1.5LM-MP8 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	41	1.5	13	0.066	14	0.057	15	-0.033
172	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	42	1.5	2	0.066	14	0.066	15	
173	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	42	1.5	3	0.066	14	0.057	15	0.033
174	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	42	1.5	4	0.066	14	0.033	15	0.057
175	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	42	1.5	5	0.066	14		15	0.066
176	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	42	1.5	6	0.066	14	-0.033	15	0.057
177	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	42	1.5	7	0.066	14	-0.057	15	0.033
178	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	42	1.5	8	0.066	14	-0.066	15	
179	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	42	1.5	9	0.066	14	-0.057	15	-0.033
180	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	42	1.5	10	0.066	14	-0.033	15	-0.057
181	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	42	1.5	11	0.066	14		15	-0.066
182	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	42	1.5	12	0.066	14	0.033	15	-0.057
183	1.2DL + 1.5LM-MP9 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	42	1.5	13	0.066	14	0.057	15	-0.033
184	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	43	1.5	2	0.066	14	0.066	15	
185	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	43	1.5	3	0.066	14	0.057	15	0.033
186	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	43	1.5	4	0.066	14	0.033	15	0.057
187	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	43	1.5	5	0.066	14		15	0.066
188	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	43	1.5	6	0.066	14	-0.033	15	0.057
189	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	43	1.5	7	0.066	14	-0.057	15	0.033
190	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	43	1.5	8	0.066	14	-0.066	15	
191	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	43	1.5	9	0.066	14	-0.057	15	-0.033
192	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	43	1.5	10	0.066	14	-0.033	15	-0.057
193	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	43	1.5	11	0.066	14		15	-0.066
194	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	43	1.5	12	0.066	14	0.033	15	-0.057
195	1.2DL + 1.5LM-MP10 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	43	1.5	13	0.066	14	0.057	15	-0.033
196	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	44	1.5	2	0.066	14	0.066	15	
197	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	44	1.5	3	0.066	14	0.057	15	0.033
198	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	44	1.5	4	0.066	14	0.033	15	0.057

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
199	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	44	1.5	5	0.066	14		15	0.066
200	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	44	1.5	6	0.066	14	-0.033	15	0.057
201	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	44	1.5	7	0.066	14	-0.057	15	0.033
202	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	44	1.5	8	0.066	14	-0.066	15	
203	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	44	1.5	9	0.066	14	-0.057	15	-0.033
204	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	44	1.5	10	0.066	14	-0.033	15	-0.057
205	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	44	1.5	11	0.066	14		15	-0.066
206	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	44	1.5	12	0.066	14	0.033	15	-0.057
207	1.2DL + 1.5LM-MP11 + 1SWL (30 mph) AZI 330	Yes	Y	1	1.2	44	1.5	13	0.066	14	0.057	15	-0.033
208	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 0	Yes	Y	1	1.2	45	1.5	2	0.066	14	0.066	15	
209	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 30	Yes	Y	1	1.2	45	1.5	3	0.066	14	0.057	15	0.033
210	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 60	Yes	Y	1	1.2	45	1.5	4	0.066	14	0.033	15	0.057
211	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 90	Yes	Y	1	1.2	45	1.5	5	0.066	14		15	0.066
212	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 120	Yes	Y	1	1.2	45	1.5	6	0.066	14	-0.033	15	0.057
213	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 150	Yes	Y	1	1.2	45	1.5	7	0.066	14	-0.057	15	0.033
214	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 180	Yes	Y	1	1.2	45	1.5	8	0.066	14	-0.066	15	
215	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 210	Yes	Y	1	1.2	45	1.5	9	0.066	14	-0.057	15	-0.033
216	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 240	Yes	Y	1	1.2	45	1.5	10	0.066	14	-0.033	15	-0.057
217	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 270	Yes	Y	1	1.2	45	1.5	11	0.066	14		15	-0.066
218	1.2DL + 1.5LM-MP12 + 1SWL (30 mph) AZI 300	Yes	Y	1	1.2	45	1.5	12	0.066	14	0.033	15	-0.057

Member Point Loads (BLC 1 : Self Weight)

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	Y	-44.65	6
2	MP4	Y	-44.65	77
3	MP1	Y	-34.5	6
4	MP1	Y	-34.5	77
5	MP3	Y	-33.1	54
6	MP3	Y	-33.1	82
7	MP3	Y	-40.8	12
8	MP3	Y	-40.8	42
9	MP4	Y	-35.5	18
10	MP4	Y	-35.5	36
11	R1	Y	-29.7	3
12	R1	Y	-29.7	21
13	MP1	Y	-37.5	18
14	MP1	Y	-37.5	36
15	R4	Y	-9.45	12
16	R4	Y	-9.45	12
17	MP8	Y	-52.8	6
18	MP8	Y	-52.8	90
19	MP5	Y	-43.55	6
20	MP5	Y	-43.55	90
21	MP7	Y	-33.1	54
22	MP7	Y	-33.1	82
23	MP7	Y	-40.8	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
24	MP7	Y	-40.8	42
25	MP8	Y	-35.5	18
26	MP8	Y	-35.5	36
27	R2	Y	-29.7	3
28	R2	Y	-29.7	21
29	MP5	Y	-37.5	18
30	MP5	Y	-37.5	36
31	R5	Y	-13.1	18
32	R5	Y	-13.1	18
33	MP12	Y	-44.65	6
34	MP12	Y	-44.65	77
35	MP9	Y	-34.5	6
36	MP9	Y	-34.5	77
37	MP11	Y	-33.1	54
38	MP11	Y	-33.1	82
39	MP11	Y	-40.8	12
40	MP11	Y	-40.8	42
41	MP12	Y	-35.5	18
42	MP12	Y	-35.5	36
43	R3	Y	-29.7	3
44	R3	Y	-29.7	21
45	MP9	Y	-37.5	18
46	MP9	Y	-37.5	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	0	6
2	MP4	Z	-223.35	6
3	MP4	X	0	77
4	MP4	Z	-223.35	77
5	MP1	X	0	6
6	MP1	Z	-223.35	6
7	MP1	X	0	77
8	MP1	Z	-223.35	77
9	MP3	X	0	54
10	MP3	Z	-68.68	54
11	MP3	X	0	82
12	MP3	Z	-68.68	82
13	MP3	X	0	12
14	MP3	Z	-68.15	12
15	MP3	X	0	42
16	MP3	Z	-68.15	42
17	MP4	X	0	18
18	MP4	Z	-36.84	18
19	MP4	X	0	36
20	MP4	Z	-36.84	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
21	R1	X	0	3
22	R1	Z	-37.84	3
23	R1	X	0	21
24	R1	Z	-37.84	21
25	MP1	X	0	18
26	MP1	Z	-37.07	18
27	MP1	X	0	36
28	MP1	Z	-37.07	36
29	R4	X	0	12
30	R4	Z	-17.09	12
31	R4	X	0	12
32	R4	Z	-17.09	12
33	MP8	X	0	6
34	MP8	Z	-157.78	6
35	MP8	X	0	90
36	MP8	Z	-157.78	90
37	MP5	X	0	6
38	MP5	Z	-157.78	6
39	MP5	X	0	90
40	MP5	Z	-157.78	90
41	MP7	X	0	54
42	MP7	Z	-40.38	54
43	MP7	X	0	82
44	MP7	Z	-40.38	82
45	MP7	X	0	12
46	MP7	Z	-41.19	12
47	MP7	X	0	42
48	MP7	Z	-41.19	42
49	MP8	X	0	18
50	MP8	Z	-28.98	18
51	MP8	X	0	36
52	MP8	Z	-28.98	36
53	R2	X	0	3
54	R2	Z	-26.95	3
55	R2	X	0	21
56	R2	Z	-26.95	21
57	MP5	X	0	18
58	MP5	Z	-33.07	18
59	MP5	X	0	36
60	MP5	Z	-33.07	36
61	R5	X	0	18
62	R5	Z	-60.82	18
63	R5	X	0	18
64	R5	Z	-60.82	18
65	MP12	X	0	6
66	MP12	Z	-118.74	6

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
67	MP12	X	0	77
68	MP12	Z	-118.74	77
69	MP9	X	0	6
70	MP9	Z	-118.74	6
71	MP9	X	0	77
72	MP9	Z	-118.74	77
73	MP11	X	0	54
74	MP11	Z	-40.38	54
75	MP11	X	0	82
76	MP11	Z	-40.38	82
77	MP11	X	0	12
78	MP11	Z	-41.19	12
79	MP11	X	0	42
80	MP11	Z	-41.19	42
81	MP12	X	0	18
82	MP12	Z	-28.98	18
83	MP12	X	0	36
84	MP12	Z	-28.98	36
85	R3	X	0	3
86	R3	Z	-26.95	3
87	R3	X	0	21
88	R3	Z	-26.95	21
89	MP9	X	0	18
90	MP9	Z	-33.07	18
91	MP9	X	0	36
92	MP9	Z	-33.07	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	-94.24	6
2	MP4	Z	-163.23	6
3	MP4	X	-94.24	77
4	MP4	Z	-163.23	77
5	MP1	X	-94.24	6
6	MP1	Z	-163.23	6
7	MP1	X	-94.24	77
8	MP1	Z	-163.23	77
9	MP3	X	-29.62	54
10	MP3	Z	-51.31	54
11	MP3	X	-29.62	82
12	MP3	Z	-51.31	82
13	MP3	X	-29.58	12
14	MP3	Z	-51.23	12
15	MP3	X	-29.58	42
16	MP3	Z	-51.23	42
17	MP4	X	-17.11	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
18	MP4	Z	-29.63	18
19	MP4	X	-17.11	36
20	MP4	Z	-29.63	36
21	R1	X	-17.11	3
22	R1	Z	-29.63	3
23	R1	X	-17.11	21
24	R1	Z	-29.63	21
25	MP1	X	-17.87	18
26	MP1	Z	-30.95	18
27	MP1	X	-17.87	36
28	MP1	Z	-30.95	36
29	R4	X	-8.54	12
30	R4	Z	-14.8	12
31	R4	X	-8.54	12
32	R4	Z	-14.8	12
33	MP8	X	-125.27	6
34	MP8	Z	-216.98	6
35	MP8	X	-125.27	90
36	MP8	Z	-216.98	90
37	MP5	X	-125.27	6
38	MP5	Z	-216.98	6
39	MP5	X	-125.27	90
40	MP5	Z	-216.98	90
41	MP7	X	-29.62	54
42	MP7	Z	-51.31	54
43	MP7	X	-29.62	82
44	MP7	Z	-51.31	82
45	MP7	X	-29.58	12
46	MP7	Z	-51.23	12
47	MP7	X	-29.58	42
48	MP7	Z	-51.23	42
49	MP8	X	-17.11	18
50	MP8	Z	-29.63	18
51	MP8	X	-17.11	36
52	MP8	Z	-29.63	36
53	R2	X	-17.11	3
54	R2	Z	-29.63	3
55	R2	X	-17.11	21
56	R2	Z	-29.63	21
57	MP5	X	-17.87	18
58	MP5	Z	-30.95	18
59	MP5	X	-17.87	36
60	MP5	Z	-30.95	36
61	R5	X	-40	18
62	R5	Z	-69.28	18
63	R5	X	-40	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
64	R5	Z	-69.28	18
65	MP12	X	-41.94	6
66	MP12	Z	-72.64	6
67	MP12	X	-41.94	77
68	MP12	Z	-72.64	77
69	MP9	X	-41.94	6
70	MP9	Z	-72.64	6
71	MP9	X	-41.94	77
72	MP9	Z	-72.64	77
73	MP11	X	-15.47	54
74	MP11	Z	-26.8	54
75	MP11	X	-15.47	82
76	MP11	Z	-26.8	82
77	MP11	X	-16.1	12
78	MP11	Z	-27.89	12
79	MP11	X	-16.1	42
80	MP11	Z	-27.89	42
81	MP12	X	-13.18	18
82	MP12	Z	-22.83	18
83	MP12	X	-13.18	36
84	MP12	Z	-22.83	36
85	R3	X	-11.66	3
86	R3	Z	-20.2	3
87	R3	X	-11.66	21
88	R3	Z	-20.2	21
89	MP9	X	-15.87	18
90	MP9	Z	-27.48	18
91	MP9	X	-15.87	36
92	MP9	Z	-27.48	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	-102.83	6
2	MP4	Z	-59.37	6
3	MP4	X	-102.83	77
4	MP4	Z	-59.37	77
5	MP1	X	-102.83	6
6	MP1	Z	-59.37	6
7	MP1	X	-102.83	77
8	MP1	Z	-59.37	77
9	MP3	X	-34.97	54
10	MP3	Z	-20.19	54
11	MP3	X	-34.97	82
12	MP3	Z	-20.19	82
13	MP3	X	-35.67	12
14	MP3	Z	-20.59	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
15	MP3	X	-35.67	42
16	MP3	Z	-20.59	42
17	MP4	X	-25.1	18
18	MP4	Z	-14.49	18
19	MP4	X	-25.1	36
20	MP4	Z	-14.49	36
21	R1	X	-23.34	3
22	R1	Z	-13.48	3
23	R1	X	-23.34	21
24	R1	Z	-13.48	21
25	MP1	X	-28.64	18
26	MP1	Z	-16.53	18
27	MP1	X	-28.64	36
28	MP1	Z	-16.53	36
29	R4	X	-14.8	12
30	R4	Z	-8.54	12
31	R4	X	-14.8	12
32	R4	Z	-8.54	12
33	MP8	X	-257.14	6
34	MP8	Z	-148.46	6
35	MP8	X	-257.14	90
36	MP8	Z	-148.46	90
37	MP5	X	-257.14	6
38	MP5	Z	-148.46	6
39	MP5	X	-257.14	90
40	MP5	Z	-148.46	90
41	MP7	X	-59.48	54
42	MP7	Z	-34.34	54
43	MP7	X	-59.48	82
44	MP7	Z	-34.34	82
45	MP7	X	-59.02	12
46	MP7	Z	-34.07	12
47	MP7	X	-59.02	42
48	MP7	Z	-34.07	42
49	MP8	X	-31.9	18
50	MP8	Z	-18.42	18
51	MP8	X	-31.9	36
52	MP8	Z	-18.42	36
53	R2	X	-32.77	3
54	R2	Z	-18.92	3
55	R2	X	-32.77	21
56	R2	Z	-18.92	21
57	MP5	X	-32.1	18
58	MP5	Z	-18.53	18
59	MP5	X	-32.1	36
60	MP5	Z	-18.53	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
61	R5	X	-77.58	18
62	R5	Z	-44.79	18
63	R5	X	-77.58	18
64	R5	Z	-44.79	18
65	MP12	X	-102.83	6
66	MP12	Z	-59.37	6
67	MP12	X	-102.83	77
68	MP12	Z	-59.37	77
69	MP9	X	-102.83	6
70	MP9	Z	-59.37	6
71	MP9	X	-102.83	77
72	MP9	Z	-59.37	77
73	MP11	X	-34.97	54
74	MP11	Z	-20.19	54
75	MP11	X	-34.97	82
76	MP11	Z	-20.19	82
77	MP11	X	-35.67	12
78	MP11	Z	-20.59	12
79	MP11	X	-35.67	42
80	MP11	Z	-20.59	42
81	MP12	X	-25.1	18
82	MP12	Z	-14.49	18
83	MP12	X	-25.1	36
84	MP12	Z	-14.49	36
85	R3	X	-23.34	3
86	R3	Z	-13.48	3
87	R3	X	-23.34	21
88	R3	Z	-13.48	21
89	MP9	X	-28.64	18
90	MP9	Z	-16.53	18
91	MP9	X	-28.64	36
92	MP9	Z	-16.53	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	-83.87	6
2	MP4	Z	0	6
3	MP4	X	-83.87	77
4	MP4	Z	0	77
5	MP1	X	-83.87	6
6	MP1	Z	0	6
7	MP1	X	-83.87	77
8	MP1	Z	0	77
9	MP3	X	-30.95	54
10	MP3	Z	0	54
11	MP3	X	-30.95	82

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
12	MP3	Z	0	82
13	MP3	X	-32.2	12
14	MP3	Z	0	12
15	MP3	X	-32.2	42
16	MP3	Z	0	42
17	MP4	X	-26.36	18
18	MP4	Z	0	18
19	MP4	X	-26.36	36
20	MP4	Z	0	36
21	R1	X	-23.32	3
22	R1	Z	0	3
23	R1	X	-23.32	21
24	R1	Z	0	21
25	MP1	X	-31.73	18
26	MP1	Z	0	18
27	MP1	X	-31.73	36
28	MP1	Z	0	36
29	R4	X	-17.09	12
30	R4	Z	0	12
31	R4	X	-17.09	12
32	R4	Z	0	12
33	MP8	X	-250.54	6
34	MP8	Z	0	6
35	MP8	X	-250.54	90
36	MP8	Z	0	90
37	MP5	X	-250.54	6
38	MP5	Z	0	6
39	MP5	X	-250.54	90
40	MP5	Z	0	90
41	MP7	X	-59.25	54
42	MP7	Z	0	54
43	MP7	X	-59.25	82
44	MP7	Z	0	82
45	MP7	X	-59.16	12
46	MP7	Z	0	12
47	MP7	X	-59.16	42
48	MP7	Z	0	42
49	MP8	X	-34.22	18
50	MP8	Z	0	18
51	MP8	X	-34.22	36
52	MP8	Z	0	36
53	R2	X	-34.21	3
54	R2	Z	0	3
55	R2	X	-34.21	21
56	R2	Z	0	21
57	MP5	X	-35.73	18

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
58	MP5	Z	0	18
59	MP5	X	-35.73	36
60	MP5	Z	0	36
61	R5	X	-79.99	18
62	R5	Z	0	18
63	R5	X	-79.99	18
64	R5	Z	0	18
65	MP12	X	-188.48	6
66	MP12	Z	0	6
67	MP12	X	-188.48	77
68	MP12	Z	0	77
69	MP9	X	-188.48	6
70	MP9	Z	0	6
71	MP9	X	-188.48	77
72	MP9	Z	0	77
73	MP11	X	-59.25	54
74	MP11	Z	0	54
75	MP11	X	-59.25	82
76	MP11	Z	0	82
77	MP11	X	-59.16	12
78	MP11	Z	0	12
79	MP11	X	-59.16	42
80	MP11	Z	0	42
81	MP12	X	-34.22	18
82	MP12	Z	0	18
83	MP12	X	-34.22	36
84	MP12	Z	0	36
85	R3	X	-34.21	3
86	R3	Z	0	3
87	R3	X	-34.21	21
88	R3	Z	0	21
89	MP9	X	-35.73	18
90	MP9	Z	0	18
91	MP9	X	-35.73	36
92	MP9	Z	0	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	-102.83	6
2	MP4	Z	59.37	6
3	MP4	X	-102.83	77
4	MP4	Z	59.37	77
5	MP1	X	-102.83	6
6	MP1	Z	59.37	6
7	MP1	X	-102.83	77
8	MP1	Z	59.37	77

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
9	MP3	X	-34.97	54
10	MP3	Z	20.19	54
11	MP3	X	-34.97	82
12	MP3	Z	20.19	82
13	MP3	X	-35.67	12
14	MP3	Z	20.59	12
15	MP3	X	-35.67	42
16	MP3	Z	20.59	42
17	MP4	X	-25.1	18
18	MP4	Z	14.49	18
19	MP4	X	-25.1	36
20	MP4	Z	14.49	36
21	R1	X	-23.34	3
22	R1	Z	13.48	3
23	R1	X	-23.34	21
24	R1	Z	13.48	21
25	MP1	X	-28.64	18
26	MP1	Z	16.53	18
27	MP1	X	-28.64	36
28	MP1	Z	16.53	36
29	R4	X	-14.8	12
30	R4	Z	8.54	12
31	R4	X	-14.8	12
32	R4	Z	8.54	12
33	MP8	X	-136.64	6
34	MP8	Z	78.89	6
35	MP8	X	-136.64	90
36	MP8	Z	78.89	90
37	MP5	X	-136.64	6
38	MP5	Z	78.89	6
39	MP5	X	-136.64	90
40	MP5	Z	78.89	90
41	MP7	X	-34.97	54
42	MP7	Z	20.19	54
43	MP7	X	-34.97	82
44	MP7	Z	20.19	82
45	MP7	X	-35.67	12
46	MP7	Z	20.59	12
47	MP7	X	-35.67	42
48	MP7	Z	20.59	42
49	MP8	X	-25.1	18
50	MP8	Z	14.49	18
51	MP8	X	-25.1	36
52	MP8	Z	14.49	36
53	R2	X	-23.34	3
54	R2	Z	13.48	3

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
55	R2	X	-23.34	21
56	R2	Z	13.48	21
57	MP5	X	-28.64	18
58	MP5	Z	16.53	18
59	MP5	X	-28.64	36
60	MP5	Z	16.53	36
61	R5	X	-52.67	18
62	R5	Z	30.41	18
63	R5	X	-52.67	18
64	R5	Z	30.41	18
65	MP12	X	-193.43	6
66	MP12	Z	111.67	6
67	MP12	X	-193.43	77
68	MP12	Z	111.67	77
69	MP9	X	-193.43	6
70	MP9	Z	111.67	6
71	MP9	X	-193.43	77
72	MP9	Z	111.67	77
73	MP11	X	-59.48	54
74	MP11	Z	34.34	54
75	MP11	X	-59.48	82
76	MP11	Z	34.34	82
77	MP11	X	-59.02	12
78	MP11	Z	34.07	12
79	MP11	X	-59.02	42
80	MP11	Z	34.07	42
81	MP12	X	-31.9	18
82	MP12	Z	18.42	18
83	MP12	X	-31.9	36
84	MP12	Z	18.42	36
85	R3	X	-32.77	3
86	R3	Z	18.92	3
87	R3	X	-32.77	21
88	R3	Z	18.92	21
89	MP9	X	-32.1	18
90	MP9	Z	18.53	18
91	MP9	X	-32.1	36
92	MP9	Z	18.53	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	-94.24	6
2	MP4	Z	163.23	6
3	MP4	X	-94.24	77
4	MP4	Z	163.23	77
5	MP1	X	-94.24	6

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
6	MP1	Z	163.23	6
7	MP1	X	-94.24	77
8	MP1	Z	163.23	77
9	MP3	X	-29.62	54
10	MP3	Z	51.31	54
11	MP3	X	-29.62	82
12	MP3	Z	51.31	82
13	MP3	X	-29.58	12
14	MP3	Z	51.23	12
15	MP3	X	-29.58	42
16	MP3	Z	51.23	42
17	MP4	X	-17.11	18
18	MP4	Z	29.63	18
19	MP4	X	-17.11	36
20	MP4	Z	29.63	36
21	R1	X	-17.11	3
22	R1	Z	29.63	3
23	R1	X	-17.11	21
24	R1	Z	29.63	21
25	MP1	X	-17.87	18
26	MP1	Z	30.95	18
27	MP1	X	-17.87	36
28	MP1	Z	30.95	36
29	R4	X	-8.54	12
30	R4	Z	14.8	12
31	R4	X	-8.54	12
32	R4	Z	14.8	12
33	MP8	X	-55.7	6
34	MP8	Z	96.47	6
35	MP8	X	-55.7	90
36	MP8	Z	96.47	90
37	MP5	X	-55.7	6
38	MP5	Z	96.47	6
39	MP5	X	-55.7	90
40	MP5	Z	96.47	90
41	MP7	X	-15.47	54
42	MP7	Z	26.8	54
43	MP7	X	-15.47	82
44	MP7	Z	26.8	82
45	MP7	X	-16.1	12
46	MP7	Z	27.89	12
47	MP7	X	-16.1	42
48	MP7	Z	27.89	42
49	MP8	X	-13.18	18
50	MP8	Z	22.83	18
51	MP8	X	-13.18	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
52	MP8	Z	22.83	36
53	R2	X	-11.66	3
54	R2	Z	20.2	3
55	R2	X	-11.66	21
56	R2	Z	20.2	21
57	MP5	X	-15.87	18
58	MP5	Z	27.48	18
59	MP5	X	-15.87	36
60	MP5	Z	27.48	36
61	R5	X	-25.62	18
62	R5	Z	44.37	18
63	R5	X	-25.62	18
64	R5	Z	44.37	18
65	MP12	X	-94.24	6
66	MP12	Z	163.23	6
67	MP12	X	-94.24	77
68	MP12	Z	163.23	77
69	MP9	X	-94.24	6
70	MP9	Z	163.23	6
71	MP9	X	-94.24	77
72	MP9	Z	163.23	77
73	MP11	X	-29.62	54
74	MP11	Z	51.31	54
75	MP11	X	-29.62	82
76	MP11	Z	51.31	82
77	MP11	X	-29.58	12
78	MP11	Z	51.23	12
79	MP11	X	-29.58	42
80	MP11	Z	51.23	42
81	MP12	X	-17.11	18
82	MP12	Z	29.63	18
83	MP12	X	-17.11	36
84	MP12	Z	29.63	36
85	R3	X	-17.11	3
86	R3	Z	29.63	3
87	R3	X	-17.11	21
88	R3	Z	29.63	21
89	MP9	X	-17.87	18
90	MP9	Z	30.95	18
91	MP9	X	-17.87	36
92	MP9	Z	30.95	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	0	6
2	MP4	Z	223.35	6

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
3	MP4	X	0	77
4	MP4	Z	223.35	77
5	MP1	X	0	6
6	MP1	Z	223.35	6
7	MP1	X	0	77
8	MP1	Z	223.35	77
9	MP3	X	0	54
10	MP3	Z	68.68	54
11	MP3	X	0	82
12	MP3	Z	68.68	82
13	MP3	X	0	12
14	MP3	Z	68.15	12
15	MP3	X	0	42
16	MP3	Z	68.15	42
17	MP4	X	0	18
18	MP4	Z	36.84	18
19	MP4	X	0	36
20	MP4	Z	36.84	36
21	R1	X	0	3
22	R1	Z	37.84	3
23	R1	X	0	21
24	R1	Z	37.84	21
25	MP1	X	0	18
26	MP1	Z	37.07	18
27	MP1	X	0	36
28	MP1	Z	37.07	36
29	R4	X	0	12
30	R4	Z	17.09	12
31	R4	X	0	12
32	R4	Z	17.09	12
33	MP8	X	0	6
34	MP8	Z	157.78	6
35	MP8	X	0	90
36	MP8	Z	157.78	90
37	MP5	X	0	6
38	MP5	Z	157.78	6
39	MP5	X	0	90
40	MP5	Z	157.78	90
41	MP7	X	0	54
42	MP7	Z	40.38	54
43	MP7	X	0	82
44	MP7	Z	40.38	82
45	MP7	X	0	12
46	MP7	Z	41.19	12
47	MP7	X	0	42
48	MP7	Z	41.19	42

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
49	MP8	X	0	18
50	MP8	Z	28.98	18
51	MP8	X	0	36
52	MP8	Z	28.98	36
53	R2	X	0	3
54	R2	Z	26.95	3
55	R2	X	0	21
56	R2	Z	26.95	21
57	MP5	X	0	18
58	MP5	Z	33.07	18
59	MP5	X	0	36
60	MP5	Z	33.07	36
61	R5	X	0	18
62	R5	Z	60.82	18
63	R5	X	0	18
64	R5	Z	60.82	18
65	MP12	X	0	6
66	MP12	Z	118.74	6
67	MP12	X	0	77
68	MP12	Z	118.74	77
69	MP9	X	0	6
70	MP9	Z	118.74	6
71	MP9	X	0	77
72	MP9	Z	118.74	77
73	MP11	X	0	54
74	MP11	Z	40.38	54
75	MP11	X	0	82
76	MP11	Z	40.38	82
77	MP11	X	0	12
78	MP11	Z	41.19	12
79	MP11	X	0	42
80	MP11	Z	41.19	42
81	MP12	X	0	18
82	MP12	Z	28.98	18
83	MP12	X	0	36
84	MP12	Z	28.98	36
85	R3	X	0	3
86	R3	Z	26.95	3
87	R3	X	0	21
88	R3	Z	26.95	21
89	MP9	X	0	18
90	MP9	Z	33.07	18
91	MP9	X	0	36
92	MP9	Z	33.07	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	94.24	6
2	MP4	Z	163.23	6
3	MP4	X	94.24	77
4	MP4	Z	163.23	77
5	MP1	X	94.24	6
6	MP1	Z	163.23	6
7	MP1	X	94.24	77
8	MP1	Z	163.23	77
9	MP3	X	29.62	54
10	MP3	Z	51.31	54
11	MP3	X	29.62	82
12	MP3	Z	51.31	82
13	MP3	X	29.58	12
14	MP3	Z	51.23	12
15	MP3	X	29.58	42
16	MP3	Z	51.23	42
17	MP4	X	17.11	18
18	MP4	Z	29.63	18
19	MP4	X	17.11	36
20	MP4	Z	29.63	36
21	R1	X	17.11	3
22	R1	Z	29.63	3
23	R1	X	17.11	21
24	R1	Z	29.63	21
25	MP1	X	17.87	18
26	MP1	Z	30.95	18
27	MP1	X	17.87	36
28	MP1	Z	30.95	36
29	R4	X	8.54	12
30	R4	Z	14.8	12
31	R4	X	8.54	12
32	R4	Z	14.8	12
33	MP8	X	125.27	6
34	MP8	Z	216.98	6
35	MP8	X	125.27	90
36	MP8	Z	216.98	90
37	MP5	X	125.27	6
38	MP5	Z	216.98	6
39	MP5	X	125.27	90
40	MP5	Z	216.98	90
41	MP7	X	29.62	54
42	MP7	Z	51.31	54
43	MP7	X	29.62	82
44	MP7	Z	51.31	82
45	MP7	X	29.58	12
46	MP7	Z	51.23	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	29.58	42
48	MP7	Z	51.23	42
49	MP8	X	17.11	18
50	MP8	Z	29.63	18
51	MP8	X	17.11	36
52	MP8	Z	29.63	36
53	R2	X	17.11	3
54	R2	Z	29.63	3
55	R2	X	17.11	21
56	R2	Z	29.63	21
57	MP5	X	17.87	18
58	MP5	Z	30.95	18
59	MP5	X	17.87	36
60	MP5	Z	30.95	36
61	R5	X	40	18
62	R5	Z	69.28	18
63	R5	X	40	18
64	R5	Z	69.28	18
65	MP12	X	41.94	6
66	MP12	Z	72.64	6
67	MP12	X	41.94	77
68	MP12	Z	72.64	77
69	MP9	X	41.94	6
70	MP9	Z	72.64	6
71	MP9	X	41.94	77
72	MP9	Z	72.64	77
73	MP11	X	15.47	54
74	MP11	Z	26.8	54
75	MP11	X	15.47	82
76	MP11	Z	26.8	82
77	MP11	X	16.1	12
78	MP11	Z	27.89	12
79	MP11	X	16.1	42
80	MP11	Z	27.89	42
81	MP12	X	13.18	18
82	MP12	Z	22.83	18
83	MP12	X	13.18	36
84	MP12	Z	22.83	36
85	R3	X	11.66	3
86	R3	Z	20.2	3
87	R3	X	11.66	21
88	R3	Z	20.2	21
89	MP9	X	15.87	18
90	MP9	Z	27.48	18
91	MP9	X	15.87	36
92	MP9	Z	27.48	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	102.83	6
2	MP4	Z	59.37	6
3	MP4	X	102.83	77
4	MP4	Z	59.37	77
5	MP1	X	102.83	6
6	MP1	Z	59.37	6
7	MP1	X	102.83	77
8	MP1	Z	59.37	77
9	MP3	X	34.97	54
10	MP3	Z	20.19	54
11	MP3	X	34.97	82
12	MP3	Z	20.19	82
13	MP3	X	35.67	12
14	MP3	Z	20.59	12
15	MP3	X	35.67	42
16	MP3	Z	20.59	42
17	MP4	X	25.1	18
18	MP4	Z	14.49	18
19	MP4	X	25.1	36
20	MP4	Z	14.49	36
21	R1	X	23.34	3
22	R1	Z	13.48	3
23	R1	X	23.34	21
24	R1	Z	13.48	21
25	MP1	X	28.64	18
26	MP1	Z	16.53	18
27	MP1	X	28.64	36
28	MP1	Z	16.53	36
29	R4	X	14.8	12
30	R4	Z	8.54	12
31	R4	X	14.8	12
32	R4	Z	8.54	12
33	MP8	X	257.14	6
34	MP8	Z	148.46	6
35	MP8	X	257.14	90
36	MP8	Z	148.46	90
37	MP5	X	257.14	6
38	MP5	Z	148.46	6
39	MP5	X	257.14	90
40	MP5	Z	148.46	90
41	MP7	X	59.48	54
42	MP7	Z	34.34	54
43	MP7	X	59.48	82
44	MP7	Z	34.34	82
45	MP7	X	59.02	12
46	MP7	Z	34.07	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	59.02	42
48	MP7	Z	34.07	42
49	MP8	X	31.9	18
50	MP8	Z	18.42	18
51	MP8	X	31.9	36
52	MP8	Z	18.42	36
53	R2	X	32.77	3
54	R2	Z	18.92	3
55	R2	X	32.77	21
56	R2	Z	18.92	21
57	MP5	X	32.1	18
58	MP5	Z	18.53	18
59	MP5	X	32.1	36
60	MP5	Z	18.53	36
61	R5	X	77.58	18
62	R5	Z	44.79	18
63	R5	X	77.58	18
64	R5	Z	44.79	18
65	MP12	X	102.83	6
66	MP12	Z	59.37	6
67	MP12	X	102.83	77
68	MP12	Z	59.37	77
69	MP9	X	102.83	6
70	MP9	Z	59.37	6
71	MP9	X	102.83	77
72	MP9	Z	59.37	77
73	MP11	X	34.97	54
74	MP11	Z	20.19	54
75	MP11	X	34.97	82
76	MP11	Z	20.19	82
77	MP11	X	35.67	12
78	MP11	Z	20.59	12
79	MP11	X	35.67	42
80	MP11	Z	20.59	42
81	MP12	X	25.1	18
82	MP12	Z	14.49	18
83	MP12	X	25.1	36
84	MP12	Z	14.49	36
85	R3	X	23.34	3
86	R3	Z	13.48	3
87	R3	X	23.34	21
88	R3	Z	13.48	21
89	MP9	X	28.64	18
90	MP9	Z	16.53	18
91	MP9	X	28.64	36
92	MP9	Z	16.53	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	83.87	6
2	MP4	Z	0	6
3	MP4	X	83.87	77
4	MP4	Z	0	77
5	MP1	X	83.87	6
6	MP1	Z	0	6
7	MP1	X	83.87	77
8	MP1	Z	0	77
9	MP3	X	30.95	54
10	MP3	Z	0	54
11	MP3	X	30.95	82
12	MP3	Z	0	82
13	MP3	X	32.2	12
14	MP3	Z	0	12
15	MP3	X	32.2	42
16	MP3	Z	0	42
17	MP4	X	26.36	18
18	MP4	Z	0	18
19	MP4	X	26.36	36
20	MP4	Z	0	36
21	R1	X	23.32	3
22	R1	Z	0	3
23	R1	X	23.32	21
24	R1	Z	0	21
25	MP1	X	31.73	18
26	MP1	Z	0	18
27	MP1	X	31.73	36
28	MP1	Z	0	36
29	R4	X	17.09	12
30	R4	Z	0	12
31	R4	X	17.09	12
32	R4	Z	0	12
33	MP8	X	250.54	6
34	MP8	Z	0	6
35	MP8	X	250.54	90
36	MP8	Z	0	90
37	MP5	X	250.54	6
38	MP5	Z	0	6
39	MP5	X	250.54	90
40	MP5	Z	0	90
41	MP7	X	59.25	54
42	MP7	Z	0	54
43	MP7	X	59.25	82
44	MP7	Z	0	82
45	MP7	X	59.16	12
46	MP7	Z	0	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	59.16	42
48	MP7	Z	0	42
49	MP8	X	34.22	18
50	MP8	Z	0	18
51	MP8	X	34.22	36
52	MP8	Z	0	36
53	R2	X	34.21	3
54	R2	Z	0	3
55	R2	X	34.21	21
56	R2	Z	0	21
57	MP5	X	35.73	18
58	MP5	Z	0	18
59	MP5	X	35.73	36
60	MP5	Z	0	36
61	R5	X	79.99	18
62	R5	Z	0	18
63	R5	X	79.99	18
64	R5	Z	0	18
65	MP12	X	188.48	6
66	MP12	Z	0	6
67	MP12	X	188.48	77
68	MP12	Z	0	77
69	MP9	X	188.48	6
70	MP9	Z	0	6
71	MP9	X	188.48	77
72	MP9	Z	0	77
73	MP11	X	59.25	54
74	MP11	Z	0	54
75	MP11	X	59.25	82
76	MP11	Z	0	82
77	MP11	X	59.16	12
78	MP11	Z	0	12
79	MP11	X	59.16	42
80	MP11	Z	0	42
81	MP12	X	34.22	18
82	MP12	Z	0	18
83	MP12	X	34.22	36
84	MP12	Z	0	36
85	R3	X	34.21	3
86	R3	Z	0	3
87	R3	X	34.21	21
88	R3	Z	0	21
89	MP9	X	35.73	18
90	MP9	Z	0	18
91	MP9	X	35.73	36
92	MP9	Z	0	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	102.83	6
2	MP4	Z	-59.37	6
3	MP4	X	102.83	77
4	MP4	Z	-59.37	77
5	MP1	X	102.83	6
6	MP1	Z	-59.37	6
7	MP1	X	102.83	77
8	MP1	Z	-59.37	77
9	MP3	X	34.97	54
10	MP3	Z	-20.19	54
11	MP3	X	34.97	82
12	MP3	Z	-20.19	82
13	MP3	X	35.67	12
14	MP3	Z	-20.59	12
15	MP3	X	35.67	42
16	MP3	Z	-20.59	42
17	MP4	X	25.1	18
18	MP4	Z	-14.49	18
19	MP4	X	25.1	36
20	MP4	Z	-14.49	36
21	R1	X	23.34	3
22	R1	Z	-13.48	3
23	R1	X	23.34	21
24	R1	Z	-13.48	21
25	MP1	X	28.64	18
26	MP1	Z	-16.53	18
27	MP1	X	28.64	36
28	MP1	Z	-16.53	36
29	R4	X	14.8	12
30	R4	Z	-8.54	12
31	R4	X	14.8	12
32	R4	Z	-8.54	12
33	MP8	X	136.64	6
34	MP8	Z	-78.89	6
35	MP8	X	136.64	90
36	MP8	Z	-78.89	90
37	MP5	X	136.64	6
38	MP5	Z	-78.89	6
39	MP5	X	136.64	90
40	MP5	Z	-78.89	90
41	MP7	X	34.97	54
42	MP7	Z	-20.19	54
43	MP7	X	34.97	82
44	MP7	Z	-20.19	82
45	MP7	X	35.67	12
46	MP7	Z	-20.59	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	35.67	42
48	MP7	Z	-20.59	42
49	MP8	X	25.1	18
50	MP8	Z	-14.49	18
51	MP8	X	25.1	36
52	MP8	Z	-14.49	36
53	R2	X	23.34	3
54	R2	Z	-13.48	3
55	R2	X	23.34	21
56	R2	Z	-13.48	21
57	MP5	X	28.64	18
58	MP5	Z	-16.53	18
59	MP5	X	28.64	36
60	MP5	Z	-16.53	36
61	R5	X	52.67	18
62	R5	Z	-30.41	18
63	R5	X	52.67	18
64	R5	Z	-30.41	18
65	MP12	X	193.43	6
66	MP12	Z	-111.67	6
67	MP12	X	193.43	77
68	MP12	Z	-111.67	77
69	MP9	X	193.43	6
70	MP9	Z	-111.67	6
71	MP9	X	193.43	77
72	MP9	Z	-111.67	77
73	MP11	X	59.48	54
74	MP11	Z	-34.34	54
75	MP11	X	59.48	82
76	MP11	Z	-34.34	82
77	MP11	X	59.02	12
78	MP11	Z	-34.07	12
79	MP11	X	59.02	42
80	MP11	Z	-34.07	42
81	MP12	X	31.9	18
82	MP12	Z	-18.42	18
83	MP12	X	31.9	36
84	MP12	Z	-18.42	36
85	R3	X	32.77	3
86	R3	Z	-18.92	3
87	R3	X	32.77	21
88	R3	Z	-18.92	21
89	MP9	X	32.1	18
90	MP9	Z	-18.53	18
91	MP9	X	32.1	36
92	MP9	Z	-18.53	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	94.24	6
2	MP4	Z	-163.23	6
3	MP4	X	94.24	77
4	MP4	Z	-163.23	77
5	MP1	X	94.24	6
6	MP1	Z	-163.23	6
7	MP1	X	94.24	77
8	MP1	Z	-163.23	77
9	MP3	X	29.62	54
10	MP3	Z	-51.31	54
11	MP3	X	29.62	82
12	MP3	Z	-51.31	82
13	MP3	X	29.58	12
14	MP3	Z	-51.23	12
15	MP3	X	29.58	42
16	MP3	Z	-51.23	42
17	MP4	X	17.11	18
18	MP4	Z	-29.63	18
19	MP4	X	17.11	36
20	MP4	Z	-29.63	36
21	R1	X	17.11	3
22	R1	Z	-29.63	3
23	R1	X	17.11	21
24	R1	Z	-29.63	21
25	MP1	X	17.87	18
26	MP1	Z	-30.95	18
27	MP1	X	17.87	36
28	MP1	Z	-30.95	36
29	R4	X	8.54	12
30	R4	Z	-14.8	12
31	R4	X	8.54	12
32	R4	Z	-14.8	12
33	MP8	X	55.7	6
34	MP8	Z	-96.47	6
35	MP8	X	55.7	90
36	MP8	Z	-96.47	90
37	MP5	X	55.7	6
38	MP5	Z	-96.47	6
39	MP5	X	55.7	90
40	MP5	Z	-96.47	90
41	MP7	X	15.47	54
42	MP7	Z	-26.8	54
43	MP7	X	15.47	82
44	MP7	Z	-26.8	82
45	MP7	X	16.1	12
46	MP7	Z	-27.89	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	16.1	42
48	MP7	Z	-27.89	42
49	MP8	X	13.18	18
50	MP8	Z	-22.83	18
51	MP8	X	13.18	36
52	MP8	Z	-22.83	36
53	R2	X	11.66	3
54	R2	Z	-20.2	3
55	R2	X	11.66	21
56	R2	Z	-20.2	21
57	MP5	X	15.87	18
58	MP5	Z	-27.48	18
59	MP5	X	15.87	36
60	MP5	Z	-27.48	36
61	R5	X	25.62	18
62	R5	Z	-44.37	18
63	R5	X	25.62	18
64	R5	Z	-44.37	18
65	MP12	X	94.24	6
66	MP12	Z	-163.23	6
67	MP12	X	94.24	77
68	MP12	Z	-163.23	77
69	MP9	X	94.24	6
70	MP9	Z	-163.23	6
71	MP9	X	94.24	77
72	MP9	Z	-163.23	77
73	MP11	X	29.62	54
74	MP11	Z	-51.31	54
75	MP11	X	29.62	82
76	MP11	Z	-51.31	82
77	MP11	X	29.58	12
78	MP11	Z	-51.23	12
79	MP11	X	29.58	42
80	MP11	Z	-51.23	42
81	MP12	X	17.11	18
82	MP12	Z	-29.63	18
83	MP12	X	17.11	36
84	MP12	Z	-29.63	36
85	R3	X	17.11	3
86	R3	Z	-29.63	3
87	R3	X	17.11	21
88	R3	Z	-29.63	21
89	MP9	X	17.87	18
90	MP9	Z	-30.95	18
91	MP9	X	17.87	36
92	MP9	Z	-30.95	36

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

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

Member Point Loads (BLC 16 : Ice Weight)

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	Y	-137.218	6
2	MP4	Y	-137.218	77
3	MP1	Y	-137.218	6
4	MP1	Y	-137.218	77
5	MP3	Y	-49.543	54
6	MP3	Y	-49.543	82
7	MP3	Y	-56.969	12
8	MP3	Y	-56.969	42
9	MP4	Y	-36.75	18
10	MP4	Y	-36.75	36
11	R1	Y	-35.151	3
12	R1	Y	-35.151	21
13	MP1	Y	-40.399	18
14	MP1	Y	-40.399	36
15	R4	Y	-44.123	12
16	R4	Y	-44.123	12
17	MP8	Y	-179.984	6
18	MP8	Y	-179.984	90
19	MP5	Y	-179.984	6
20	MP5	Y	-179.984	90
21	MP7	Y	-49.543	54
22	MP7	Y	-49.543	82
23	MP7	Y	-56.969	12
24	MP7	Y	-56.969	42
25	MP8	Y	-36.75	18
26	MP8	Y	-36.75	36
27	R2	Y	-35.151	3
28	R2	Y	-35.151	21
29	MP5	Y	-40.399	18
30	MP5	Y	-40.399	36
31	R5	Y	-70.338	18
32	R5	Y	-70.338	18
33	MP12	Y	-137.218	6
34	MP12	Y	-137.218	77
35	MP9	Y	-137.218	6
36	MP9	Y	-137.218	77
37	MP11	Y	-49.543	54
38	MP11	Y	-49.543	82
39	MP11	Y	-56.969	12
40	MP11	Y	-56.969	42
41	MP12	Y	-36.75	18
42	MP12	Y	-36.75	36
43	R3	Y	-35.151	3
44	R3	Y	-35.151	21
45	MP9	Y	-40.399	18
46	MP9	Y	-40.399	36

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	0	6
2	MP4	Z	-21.85	6
3	MP4	X	0	77
4	MP4	Z	-21.85	77
5	MP1	X	0	6
6	MP1	Z	-21.85	6
7	MP1	X	0	77
8	MP1	Z	-21.85	77
9	MP3	X	0	54
10	MP3	Z	-7.1	54
11	MP3	X	0	82
12	MP3	Z	-7.1	82
13	MP3	X	0	12
14	MP3	Z	-7.7	12
15	MP3	X	0	42
16	MP3	Z	-7.7	42
17	MP4	X	0	18
18	MP4	Z	-4.2	18
19	MP4	X	0	36
20	MP4	Z	-4.2	36
21	R1	X	0	3
22	R1	Z	-4.27	3
23	R1	X	0	21
24	R1	Z	-4.27	21
25	MP1	X	0	18
26	MP1	Z	-4.22	18
27	MP1	X	0	36
28	MP1	Z	-4.22	36
29	R4	X	0	12
30	R4	Z	-5.01	12
31	R4	X	0	12
32	R4	Z	-5.01	12
33	MP8	X	0	6
34	MP8	Z	-21.97	6
35	MP8	X	0	90
36	MP8	Z	-21.97	90
37	MP5	X	0	6
38	MP5	Z	-21.97	6
39	MP5	X	0	90
40	MP5	Z	-21.97	90
41	MP7	X	0	54
42	MP7	Z	-5.44	54
43	MP7	X	0	82
44	MP7	Z	-5.44	82
45	MP7	X	0	12
46	MP7	Z	-6.13	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	0	42
48	MP7	Z	-6.13	42
49	MP8	X	0	18
50	MP8	Z	-3.81	18
51	MP8	X	0	36
52	MP8	Z	-3.81	36
53	R2	X	0	3
54	R2	Z	-3.72	3
55	R2	X	0	21
56	R2	Z	-3.72	21
57	MP5	X	0	18
58	MP5	Z	-4.03	18
59	MP5	X	0	36
60	MP5	Z	-4.03	36
61	R5	X	0	18
62	R5	Z	-6.9	18
63	R5	X	0	18
64	R5	Z	-6.9	18
65	MP12	X	0	6
66	MP12	Z	-15.84	6
67	MP12	X	0	77
68	MP12	Z	-15.84	77
69	MP9	X	0	6
70	MP9	Z	-15.84	6
71	MP9	X	0	77
72	MP9	Z	-15.84	77
73	MP11	X	0	54
74	MP11	Z	-5.44	54
75	MP11	X	0	82
76	MP11	Z	-5.44	82
77	MP11	X	0	12
78	MP11	Z	-6.13	12
79	MP11	X	0	42
80	MP11	Z	-6.13	42
81	MP12	X	0	18
82	MP12	Z	-3.81	18
83	MP12	X	0	36
84	MP12	Z	-3.81	36
85	R3	X	0	3
86	R3	Z	-3.72	3
87	R3	X	0	21
88	R3	Z	-3.72	21
89	MP9	X	0	18
90	MP9	Z	-4.03	18
91	MP9	X	0	36
92	MP9	Z	-4.03	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	-9.93	6
2	MP4	Z	-17.19	6
3	MP4	X	-9.93	77
4	MP4	Z	-17.19	77
5	MP1	X	-9.93	6
6	MP1	Z	-17.19	6
7	MP1	X	-9.93	77
8	MP1	Z	-17.19	77
9	MP3	X	-3.27	54
10	MP3	Z	-5.67	54
11	MP3	X	-3.27	82
12	MP3	Z	-5.67	82
13	MP3	X	-3.59	12
14	MP3	Z	-6.21	12
15	MP3	X	-3.59	42
16	MP3	Z	-6.21	42
17	MP4	X	-2.04	18
18	MP4	Z	-3.53	18
19	MP4	X	-2.04	36
20	MP4	Z	-3.53	36
21	R1	X	-2.04	3
22	R1	Z	-3.54	3
23	R1	X	-2.04	21
24	R1	Z	-3.54	21
25	MP1	X	-2.08	18
26	MP1	Z	-3.6	18
27	MP1	X	-2.08	36
28	MP1	Z	-3.6	36
29	R4	X	-2.5	12
30	R4	Z	-4.34	12
31	R4	X	-2.5	12
32	R4	Z	-4.34	12
33	MP8	X	-13.8	6
34	MP8	Z	-23.91	6
35	MP8	X	-13.8	90
36	MP8	Z	-23.91	90
37	MP5	X	-13.8	6
38	MP5	Z	-23.91	6
39	MP5	X	-13.8	90
40	MP5	Z	-23.91	90
41	MP7	X	-3.27	54
42	MP7	Z	-5.67	54
43	MP7	X	-3.27	82
44	MP7	Z	-5.67	82
45	MP7	X	-3.59	12
46	MP7	Z	-6.21	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	-3.59	42
48	MP7	Z	-6.21	42
49	MP8	X	-2.04	18
50	MP8	Z	-3.53	18
51	MP8	X	-2.04	36
52	MP8	Z	-3.53	36
53	R2	X	-2.04	3
54	R2	Z	-3.54	3
55	R2	X	-2.04	21
56	R2	Z	-3.54	21
57	MP5	X	-2.08	18
58	MP5	Z	-3.6	18
59	MP5	X	-2.08	36
60	MP5	Z	-3.6	36
61	R5	X	-4.13	18
62	R5	Z	-7.15	18
63	R5	X	-4.13	18
64	R5	Z	-7.15	18
65	MP12	X	-6.92	6
66	MP12	Z	-11.99	6
67	MP12	X	-6.92	77
68	MP12	Z	-11.99	77
69	MP9	X	-6.92	6
70	MP9	Z	-11.99	6
71	MP9	X	-6.92	77
72	MP9	Z	-11.99	77
73	MP11	X	-2.44	54
74	MP11	Z	-4.23	54
75	MP11	X	-2.44	82
76	MP11	Z	-4.23	82
77	MP11	X	-2.8	12
78	MP11	Z	-4.86	12
79	MP11	X	-2.8	42
80	MP11	Z	-4.86	42
81	MP12	X	-1.84	18
82	MP12	Z	-3.19	18
83	MP12	X	-1.84	36
84	MP12	Z	-3.19	36
85	R3	X	-1.77	3
86	R3	Z	-3.06	3
87	R3	X	-1.77	21
88	R3	Z	-3.06	21
89	MP9	X	-1.98	18
90	MP9	Z	-3.43	18
91	MP9	X	-1.98	36
92	MP9	Z	-3.43	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	-13.72	6
2	MP4	Z	-7.92	6
3	MP4	X	-13.72	77
4	MP4	Z	-7.92	77
5	MP1	X	-13.72	6
6	MP1	Z	-7.92	6
7	MP1	X	-13.72	77
8	MP1	Z	-7.92	77
9	MP3	X	-4.71	54
10	MP3	Z	-2.72	54
11	MP3	X	-4.71	82
12	MP3	Z	-2.72	82
13	MP3	X	-5.31	12
14	MP3	Z	-3.06	12
15	MP3	X	-5.31	42
16	MP3	Z	-3.06	42
17	MP4	X	-3.3	18
18	MP4	Z	-1.91	18
19	MP4	X	-3.3	36
20	MP4	Z	-1.91	36
21	R1	X	-3.22	3
22	R1	Z	-1.86	3
23	R1	X	-3.22	21
24	R1	Z	-1.86	21
25	MP1	X	-3.49	18
26	MP1	Z	-2.02	18
27	MP1	X	-3.49	36
28	MP1	Z	-2.02	36
29	R4	X	-4.34	12
30	R4	Z	-2.5	12
31	R4	X	-4.34	12
32	R4	Z	-2.5	12
33	MP8	X	-26.35	6
34	MP8	Z	-15.21	6
35	MP8	X	-26.35	90
36	MP8	Z	-15.21	90
37	MP5	X	-26.35	6
38	MP5	Z	-15.21	6
39	MP5	X	-26.35	90
40	MP5	Z	-15.21	90
41	MP7	X	-6.15	54
42	MP7	Z	-3.55	54
43	MP7	X	-6.15	82
44	MP7	Z	-3.55	82
45	MP7	X	-6.67	12
46	MP7	Z	-3.85	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	-6.67	42
48	MP7	Z	-3.85	42
49	MP8	X	-3.64	18
50	MP8	Z	-2.1	18
51	MP8	X	-3.64	36
52	MP8	Z	-2.1	36
53	R2	X	-3.7	3
54	R2	Z	-2.13	3
55	R2	X	-3.7	21
56	R2	Z	-2.13	21
57	MP5	X	-3.66	18
58	MP5	Z	-2.11	18
59	MP5	X	-3.66	36
60	MP5	Z	-2.11	36
61	R5	X	-7.73	18
62	R5	Z	-4.46	18
63	R5	X	-7.73	18
64	R5	Z	-4.46	18
65	MP12	X	-13.72	6
66	MP12	Z	-7.92	6
67	MP12	X	-13.72	77
68	MP12	Z	-7.92	77
69	MP9	X	-13.72	6
70	MP9	Z	-7.92	6
71	MP9	X	-13.72	77
72	MP9	Z	-7.92	77
73	MP11	X	-4.71	54
74	MP11	Z	-2.72	54
75	MP11	X	-4.71	82
76	MP11	Z	-2.72	82
77	MP11	X	-5.31	12
78	MP11	Z	-3.06	12
79	MP11	X	-5.31	42
80	MP11	Z	-3.06	42
81	MP12	X	-3.3	18
82	MP12	Z	-1.91	18
83	MP12	X	-3.3	36
84	MP12	Z	-1.91	36
85	R3	X	-3.22	3
86	R3	Z	-1.86	3
87	R3	X	-3.22	21
88	R3	Z	-1.86	21
89	MP9	X	-3.49	18
90	MP9	Z	-2.02	18
91	MP9	X	-3.49	36
92	MP9	Z	-2.02	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	-13.84	6
2	MP4	Z	0	6
3	MP4	X	-13.84	77
4	MP4	Z	0	77
5	MP1	X	-13.84	6
6	MP1	Z	0	6
7	MP1	X	-13.84	77
8	MP1	Z	0	77
9	MP3	X	-4.89	54
10	MP3	Z	0	54
11	MP3	X	-4.89	82
12	MP3	Z	0	82
13	MP3	X	-5.61	12
14	MP3	Z	0	12
15	MP3	X	-5.61	42
16	MP3	Z	0	42
17	MP4	X	-3.68	18
18	MP4	Z	0	18
19	MP4	X	-3.68	36
20	MP4	Z	0	36
21	R1	X	-3.53	3
22	R1	Z	0	3
23	R1	X	-3.53	21
24	R1	Z	0	21
25	MP1	X	-3.97	18
26	MP1	Z	0	18
27	MP1	X	-3.97	36
28	MP1	Z	0	36
29	R4	X	-5.01	12
30	R4	Z	0	12
31	R4	X	-5.01	12
32	R4	Z	0	12
33	MP8	X	-27.61	6
34	MP8	Z	0	6
35	MP8	X	-27.61	90
36	MP8	Z	0	90
37	MP5	X	-27.61	6
38	MP5	Z	0	6
39	MP5	X	-27.61	90
40	MP5	Z	0	90
41	MP7	X	-6.55	54
42	MP7	Z	0	54
43	MP7	X	-6.55	82
44	MP7	Z	0	82
45	MP7	X	-7.18	12
46	MP7	Z	0	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	-7.18	42
48	MP7	Z	0	42
49	MP8	X	-4.07	18
50	MP8	Z	0	18
51	MP8	X	-4.07	36
52	MP8	Z	0	36
53	R2	X	-4.09	3
54	R2	Z	0	3
55	R2	X	-4.09	21
56	R2	Z	0	21
57	MP5	X	-4.16	18
58	MP5	Z	0	18
59	MP5	X	-4.16	36
60	MP5	Z	0	36
61	R5	X	-8.25	18
62	R5	Z	0	18
63	R5	X	-8.25	18
64	R5	Z	0	18
65	MP12	X	-19.85	6
66	MP12	Z	0	6
67	MP12	X	-19.85	77
68	MP12	Z	0	77
69	MP9	X	-19.85	6
70	MP9	Z	0	6
71	MP9	X	-19.85	77
72	MP9	Z	0	77
73	MP11	X	-6.55	54
74	MP11	Z	0	54
75	MP11	X	-6.55	82
76	MP11	Z	0	82
77	MP11	X	-7.18	12
78	MP11	Z	0	12
79	MP11	X	-7.18	42
80	MP11	Z	0	42
81	MP12	X	-4.07	18
82	MP12	Z	0	18
83	MP12	X	-4.07	36
84	MP12	Z	0	36
85	R3	X	-4.09	3
86	R3	Z	0	3
87	R3	X	-4.09	21
88	R3	Z	0	21
89	MP9	X	-4.16	18
90	MP9	Z	0	18
91	MP9	X	-4.16	36
92	MP9	Z	0	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	-13.72	6
2	MP4	Z	7.92	6
3	MP4	X	-13.72	77
4	MP4	Z	7.92	77
5	MP1	X	-13.72	6
6	MP1	Z	7.92	6
7	MP1	X	-13.72	77
8	MP1	Z	7.92	77
9	MP3	X	-4.71	54
10	MP3	Z	2.72	54
11	MP3	X	-4.71	82
12	MP3	Z	2.72	82
13	MP3	X	-5.31	12
14	MP3	Z	3.06	12
15	MP3	X	-5.31	42
16	MP3	Z	3.06	42
17	MP4	X	-3.3	18
18	MP4	Z	1.91	18
19	MP4	X	-3.3	36
20	MP4	Z	1.91	36
21	R1	X	-3.22	3
22	R1	Z	1.86	3
23	R1	X	-3.22	21
24	R1	Z	1.86	21
25	MP1	X	-3.49	18
26	MP1	Z	2.02	18
27	MP1	X	-3.49	36
28	MP1	Z	2.02	36
29	R4	X	-4.34	12
30	R4	Z	2.5	12
31	R4	X	-4.34	12
32	R4	Z	2.5	12
33	MP8	X	-19.03	6
34	MP8	Z	10.99	6
35	MP8	X	-19.03	90
36	MP8	Z	10.99	90
37	MP5	X	-19.03	6
38	MP5	Z	10.99	6
39	MP5	X	-19.03	90
40	MP5	Z	10.99	90
41	MP7	X	-4.71	54
42	MP7	Z	2.72	54
43	MP7	X	-4.71	82
44	MP7	Z	2.72	82
45	MP7	X	-5.31	12
46	MP7	Z	3.06	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	-5.31	42
48	MP7	Z	3.06	42
49	MP8	X	-3.3	18
50	MP8	Z	1.91	18
51	MP8	X	-3.3	36
52	MP8	Z	1.91	36
53	R2	X	-3.22	3
54	R2	Z	1.86	3
55	R2	X	-3.22	21
56	R2	Z	1.86	21
57	MP5	X	-3.49	18
58	MP5	Z	2.02	18
59	MP5	X	-3.49	36
60	MP5	Z	2.02	36
61	R5	X	-5.98	18
62	R5	Z	3.45	18
63	R5	X	-5.98	18
64	R5	Z	3.45	18
65	MP12	X	-18.93	6
66	MP12	Z	10.93	6
67	MP12	X	-18.93	77
68	MP12	Z	10.93	77
69	MP9	X	-18.93	6
70	MP9	Z	10.93	6
71	MP9	X	-18.93	77
72	MP9	Z	10.93	77
73	MP11	X	-6.15	54
74	MP11	Z	3.55	54
75	MP11	X	-6.15	82
76	MP11	Z	3.55	82
77	MP11	X	-6.67	12
78	MP11	Z	3.85	12
79	MP11	X	-6.67	42
80	MP11	Z	3.85	42
81	MP12	X	-3.64	18
82	MP12	Z	2.1	18
83	MP12	X	-3.64	36
84	MP12	Z	2.1	36
85	R3	X	-3.7	3
86	R3	Z	2.13	3
87	R3	X	-3.7	21
88	R3	Z	2.13	21
89	MP9	X	-3.66	18
90	MP9	Z	2.11	18
91	MP9	X	-3.66	36
92	MP9	Z	2.11	36

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	MP4	X	-9.93	6
2	MP4	Z	17.19	6
3	MP4	X	-9.93	77
4	MP4	Z	17.19	77
5	MP1	X	-9.93	6
6	MP1	Z	17.19	6
7	MP1	X	-9.93	77
8	MP1	Z	17.19	77
9	MP3	X	-3.27	54
10	MP3	Z	5.67	54
11	MP3	X	-3.27	82
12	MP3	Z	5.67	82
13	MP3	X	-3.59	12
14	MP3	Z	6.21	12
15	MP3	X	-3.59	42
16	MP3	Z	6.21	42
17	MP4	X	-2.04	18
18	MP4	Z	3.53	18
19	MP4	X	-2.04	36
20	MP4	Z	3.53	36
21	R1	X	-2.04	3
22	R1	Z	3.54	3
23	R1	X	-2.04	21
24	R1	Z	3.54	21
25	MP1	X	-2.08	18
26	MP1	Z	3.6	18
27	MP1	X	-2.08	36
28	MP1	Z	3.6	36
29	R4	X	-2.5	12
30	R4	Z	4.34	12
31	R4	X	-2.5	12
32	R4	Z	4.34	12
33	MP8	X	-9.58	6
34	MP8	Z	16.59	6
35	MP8	X	-9.58	90
36	MP8	Z	16.59	90
37	MP5	X	-9.58	6
38	MP5	Z	16.59	6
39	MP5	X	-9.58	90
40	MP5	Z	16.59	90
41	MP7	X	-2.44	54
42	MP7	Z	4.23	54
43	MP7	X	-2.44	82
44	MP7	Z	4.23	82
45	MP7	X	-2.8	12
46	MP7	Z	4.86	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	-2.8	42
48	MP7	Z	4.86	42
49	MP8	X	-1.84	18
50	MP8	Z	3.19	18
51	MP8	X	-1.84	36
52	MP8	Z	3.19	36
53	R2	X	-1.77	3
54	R2	Z	3.06	3
55	R2	X	-1.77	21
56	R2	Z	3.06	21
57	MP5	X	-1.98	18
58	MP5	Z	3.43	18
59	MP5	X	-1.98	36
60	MP5	Z	3.43	36
61	R5	X	-3.11	18
62	R5	Z	5.39	18
63	R5	X	-3.11	18
64	R5	Z	5.39	18
65	MP12	X	-9.93	6
66	MP12	Z	17.19	6
67	MP12	X	-9.93	77
68	MP12	Z	17.19	77
69	MP9	X	-9.93	6
70	MP9	Z	17.19	6
71	MP9	X	-9.93	77
72	MP9	Z	17.19	77
73	MP11	X	-3.27	54
74	MP11	Z	5.67	54
75	MP11	X	-3.27	82
76	MP11	Z	5.67	82
77	MP11	X	-3.59	12
78	MP11	Z	6.21	12
79	MP11	X	-3.59	42
80	MP11	Z	6.21	42
81	MP12	X	-2.04	18
82	MP12	Z	3.53	18
83	MP12	X	-2.04	36
84	MP12	Z	3.53	36
85	R3	X	-2.04	3
86	R3	Z	3.54	3
87	R3	X	-2.04	21
88	R3	Z	3.54	21
89	MP9	X	-2.08	18
90	MP9	Z	3.6	18
91	MP9	X	-2.08	36
92	MP9	Z	3.6	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	0	6
2	MP4	Z	21.85	6
3	MP4	X	0	77
4	MP4	Z	21.85	77
5	MP1	X	0	6
6	MP1	Z	21.85	6
7	MP1	X	0	77
8	MP1	Z	21.85	77
9	MP3	X	0	54
10	MP3	Z	7.1	54
11	MP3	X	0	82
12	MP3	Z	7.1	82
13	MP3	X	0	12
14	MP3	Z	7.7	12
15	MP3	X	0	42
16	MP3	Z	7.7	42
17	MP4	X	0	18
18	MP4	Z	4.2	18
19	MP4	X	0	36
20	MP4	Z	4.2	36
21	R1	X	0	3
22	R1	Z	4.27	3
23	R1	X	0	21
24	R1	Z	4.27	21
25	MP1	X	0	18
26	MP1	Z	4.22	18
27	MP1	X	0	36
28	MP1	Z	4.22	36
29	R4	X	0	12
30	R4	Z	5.01	12
31	R4	X	0	12
32	R4	Z	5.01	12
33	MP8	X	0	6
34	MP8	Z	21.97	6
35	MP8	X	0	90
36	MP8	Z	21.97	90
37	MP5	X	0	6
38	MP5	Z	21.97	6
39	MP5	X	0	90
40	MP5	Z	21.97	90
41	MP7	X	0	54
42	MP7	Z	5.44	54
43	MP7	X	0	82
44	MP7	Z	5.44	82
45	MP7	X	0	12
46	MP7	Z	6.13	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	0	42
48	MP7	Z	6.13	42
49	MP8	X	0	18
50	MP8	Z	3.81	18
51	MP8	X	0	36
52	MP8	Z	3.81	36
53	R2	X	0	3
54	R2	Z	3.72	3
55	R2	X	0	21
56	R2	Z	3.72	21
57	MP5	X	0	18
58	MP5	Z	4.03	18
59	MP5	X	0	36
60	MP5	Z	4.03	36
61	R5	X	0	18
62	R5	Z	6.9	18
63	R5	X	0	18
64	R5	Z	6.9	18
65	MP12	X	0	6
66	MP12	Z	15.84	6
67	MP12	X	0	77
68	MP12	Z	15.84	77
69	MP9	X	0	6
70	MP9	Z	15.84	6
71	MP9	X	0	77
72	MP9	Z	15.84	77
73	MP11	X	0	54
74	MP11	Z	5.44	54
75	MP11	X	0	82
76	MP11	Z	5.44	82
77	MP11	X	0	12
78	MP11	Z	6.13	12
79	MP11	X	0	42
80	MP11	Z	6.13	42
81	MP12	X	0	18
82	MP12	Z	3.81	18
83	MP12	X	0	36
84	MP12	Z	3.81	36
85	R3	X	0	3
86	R3	Z	3.72	3
87	R3	X	0	21
88	R3	Z	3.72	21
89	MP9	X	0	18
90	MP9	Z	4.03	18
91	MP9	X	0	36
92	MP9	Z	4.03	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	9.93	6
2	MP4	Z	17.19	6
3	MP4	X	9.93	77
4	MP4	Z	17.19	77
5	MP1	X	9.93	6
6	MP1	Z	17.19	6
7	MP1	X	9.93	77
8	MP1	Z	17.19	77
9	MP3	X	3.27	54
10	MP3	Z	5.67	54
11	MP3	X	3.27	82
12	MP3	Z	5.67	82
13	MP3	X	3.59	12
14	MP3	Z	6.21	12
15	MP3	X	3.59	42
16	MP3	Z	6.21	42
17	MP4	X	2.04	18
18	MP4	Z	3.53	18
19	MP4	X	2.04	36
20	MP4	Z	3.53	36
21	R1	X	2.04	3
22	R1	Z	3.54	3
23	R1	X	2.04	21
24	R1	Z	3.54	21
25	MP1	X	2.08	18
26	MP1	Z	3.6	18
27	MP1	X	2.08	36
28	MP1	Z	3.6	36
29	R4	X	2.5	12
30	R4	Z	4.34	12
31	R4	X	2.5	12
32	R4	Z	4.34	12
33	MP8	X	13.8	6
34	MP8	Z	23.91	6
35	MP8	X	13.8	90
36	MP8	Z	23.91	90
37	MP5	X	13.8	6
38	MP5	Z	23.91	6
39	MP5	X	13.8	90
40	MP5	Z	23.91	90
41	MP7	X	3.27	54
42	MP7	Z	5.67	54
43	MP7	X	3.27	82
44	MP7	Z	5.67	82
45	MP7	X	3.59	12
46	MP7	Z	6.21	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	3.59	42
48	MP7	Z	6.21	42
49	MP8	X	2.04	18
50	MP8	Z	3.53	18
51	MP8	X	2.04	36
52	MP8	Z	3.53	36
53	R2	X	2.04	3
54	R2	Z	3.54	3
55	R2	X	2.04	21
56	R2	Z	3.54	21
57	MP5	X	2.08	18
58	MP5	Z	3.6	18
59	MP5	X	2.08	36
60	MP5	Z	3.6	36
61	R5	X	4.13	18
62	R5	Z	7.15	18
63	R5	X	4.13	18
64	R5	Z	7.15	18
65	MP12	X	6.92	6
66	MP12	Z	11.99	6
67	MP12	X	6.92	77
68	MP12	Z	11.99	77
69	MP9	X	6.92	6
70	MP9	Z	11.99	6
71	MP9	X	6.92	77
72	MP9	Z	11.99	77
73	MP11	X	2.44	54
74	MP11	Z	4.23	54
75	MP11	X	2.44	82
76	MP11	Z	4.23	82
77	MP11	X	2.8	12
78	MP11	Z	4.86	12
79	MP11	X	2.8	42
80	MP11	Z	4.86	42
81	MP12	X	1.84	18
82	MP12	Z	3.19	18
83	MP12	X	1.84	36
84	MP12	Z	3.19	36
85	R3	X	1.77	3
86	R3	Z	3.06	3
87	R3	X	1.77	21
88	R3	Z	3.06	21
89	MP9	X	1.98	18
90	MP9	Z	3.43	18
91	MP9	X	1.98	36
92	MP9	Z	3.43	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	13.72	6
2	MP4	Z	7.92	6
3	MP4	X	13.72	77
4	MP4	Z	7.92	77
5	MP1	X	13.72	6
6	MP1	Z	7.92	6
7	MP1	X	13.72	77
8	MP1	Z	7.92	77
9	MP3	X	4.71	54
10	MP3	Z	2.72	54
11	MP3	X	4.71	82
12	MP3	Z	2.72	82
13	MP3	X	5.31	12
14	MP3	Z	3.06	12
15	MP3	X	5.31	42
16	MP3	Z	3.06	42
17	MP4	X	3.3	18
18	MP4	Z	1.91	18
19	MP4	X	3.3	36
20	MP4	Z	1.91	36
21	R1	X	3.22	3
22	R1	Z	1.86	3
23	R1	X	3.22	21
24	R1	Z	1.86	21
25	MP1	X	3.49	18
26	MP1	Z	2.02	18
27	MP1	X	3.49	36
28	MP1	Z	2.02	36
29	R4	X	4.34	12
30	R4	Z	2.5	12
31	R4	X	4.34	12
32	R4	Z	2.5	12
33	MP8	X	26.35	6
34	MP8	Z	15.21	6
35	MP8	X	26.35	90
36	MP8	Z	15.21	90
37	MP5	X	26.35	6
38	MP5	Z	15.21	6
39	MP5	X	26.35	90
40	MP5	Z	15.21	90
41	MP7	X	6.15	54
42	MP7	Z	3.55	54
43	MP7	X	6.15	82
44	MP7	Z	3.55	82
45	MP7	X	6.67	12
46	MP7	Z	3.85	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	6.67	42
48	MP7	Z	3.85	42
49	MP8	X	3.64	18
50	MP8	Z	2.1	18
51	MP8	X	3.64	36
52	MP8	Z	2.1	36
53	R2	X	3.7	3
54	R2	Z	2.13	3
55	R2	X	3.7	21
56	R2	Z	2.13	21
57	MP5	X	3.66	18
58	MP5	Z	2.11	18
59	MP5	X	3.66	36
60	MP5	Z	2.11	36
61	R5	X	7.73	18
62	R5	Z	4.46	18
63	R5	X	7.73	18
64	R5	Z	4.46	18
65	MP12	X	13.72	6
66	MP12	Z	7.92	6
67	MP12	X	13.72	77
68	MP12	Z	7.92	77
69	MP9	X	13.72	6
70	MP9	Z	7.92	6
71	MP9	X	13.72	77
72	MP9	Z	7.92	77
73	MP11	X	4.71	54
74	MP11	Z	2.72	54
75	MP11	X	4.71	82
76	MP11	Z	2.72	82
77	MP11	X	5.31	12
78	MP11	Z	3.06	12
79	MP11	X	5.31	42
80	MP11	Z	3.06	42
81	MP12	X	3.3	18
82	MP12	Z	1.91	18
83	MP12	X	3.3	36
84	MP12	Z	1.91	36
85	R3	X	3.22	3
86	R3	Z	1.86	3
87	R3	X	3.22	21
88	R3	Z	1.86	21
89	MP9	X	3.49	18
90	MP9	Z	2.02	18
91	MP9	X	3.49	36
92	MP9	Z	2.02	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	13.84	6
2	MP4	Z	0	6
3	MP4	X	13.84	77
4	MP4	Z	0	77
5	MP1	X	13.84	6
6	MP1	Z	0	6
7	MP1	X	13.84	77
8	MP1	Z	0	77
9	MP3	X	4.89	54
10	MP3	Z	0	54
11	MP3	X	4.89	82
12	MP3	Z	0	82
13	MP3	X	5.61	12
14	MP3	Z	0	12
15	MP3	X	5.61	42
16	MP3	Z	0	42
17	MP4	X	3.68	18
18	MP4	Z	0	18
19	MP4	X	3.68	36
20	MP4	Z	0	36
21	R1	X	3.53	3
22	R1	Z	0	3
23	R1	X	3.53	21
24	R1	Z	0	21
25	MP1	X	3.97	18
26	MP1	Z	0	18
27	MP1	X	3.97	36
28	MP1	Z	0	36
29	R4	X	5.01	12
30	R4	Z	0	12
31	R4	X	5.01	12
32	R4	Z	0	12
33	MP8	X	27.61	6
34	MP8	Z	0	6
35	MP8	X	27.61	90
36	MP8	Z	0	90
37	MP5	X	27.61	6
38	MP5	Z	0	6
39	MP5	X	27.61	90
40	MP5	Z	0	90
41	MP7	X	6.55	54
42	MP7	Z	0	54
43	MP7	X	6.55	82
44	MP7	Z	0	82
45	MP7	X	7.18	12
46	MP7	Z	0	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	7.18	42
48	MP7	Z	0	42
49	MP8	X	4.07	18
50	MP8	Z	0	18
51	MP8	X	4.07	36
52	MP8	Z	0	36
53	R2	X	4.09	3
54	R2	Z	0	3
55	R2	X	4.09	21
56	R2	Z	0	21
57	MP5	X	4.16	18
58	MP5	Z	0	18
59	MP5	X	4.16	36
60	MP5	Z	0	36
61	R5	X	8.25	18
62	R5	Z	0	18
63	R5	X	8.25	18
64	R5	Z	0	18
65	MP12	X	19.85	6
66	MP12	Z	0	6
67	MP12	X	19.85	77
68	MP12	Z	0	77
69	MP9	X	19.85	6
70	MP9	Z	0	6
71	MP9	X	19.85	77
72	MP9	Z	0	77
73	MP11	X	6.55	54
74	MP11	Z	0	54
75	MP11	X	6.55	82
76	MP11	Z	0	82
77	MP11	X	7.18	12
78	MP11	Z	0	12
79	MP11	X	7.18	42
80	MP11	Z	0	42
81	MP12	X	4.07	18
82	MP12	Z	0	18
83	MP12	X	4.07	36
84	MP12	Z	0	36
85	R3	X	4.09	3
86	R3	Z	0	3
87	R3	X	4.09	21
88	R3	Z	0	21
89	MP9	X	4.16	18
90	MP9	Z	0	18
91	MP9	X	4.16	36
92	MP9	Z	0	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	13.72	6
2	MP4	Z	-7.92	6
3	MP4	X	13.72	77
4	MP4	Z	-7.92	77
5	MP1	X	13.72	6
6	MP1	Z	-7.92	6
7	MP1	X	13.72	77
8	MP1	Z	-7.92	77
9	MP3	X	4.71	54
10	MP3	Z	-2.72	54
11	MP3	X	4.71	82
12	MP3	Z	-2.72	82
13	MP3	X	5.31	12
14	MP3	Z	-3.06	12
15	MP3	X	5.31	42
16	MP3	Z	-3.06	42
17	MP4	X	3.3	18
18	MP4	Z	-1.91	18
19	MP4	X	3.3	36
20	MP4	Z	-1.91	36
21	R1	X	3.22	3
22	R1	Z	-1.86	3
23	R1	X	3.22	21
24	R1	Z	-1.86	21
25	MP1	X	3.49	18
26	MP1	Z	-2.02	18
27	MP1	X	3.49	36
28	MP1	Z	-2.02	36
29	R4	X	4.34	12
30	R4	Z	-2.5	12
31	R4	X	4.34	12
32	R4	Z	-2.5	12
33	MP8	X	19.03	6
34	MP8	Z	-10.99	6
35	MP8	X	19.03	90
36	MP8	Z	-10.99	90
37	MP5	X	19.03	6
38	MP5	Z	-10.99	6
39	MP5	X	19.03	90
40	MP5	Z	-10.99	90
41	MP7	X	4.71	54
42	MP7	Z	-2.72	54
43	MP7	X	4.71	82
44	MP7	Z	-2.72	82
45	MP7	X	5.31	12
46	MP7	Z	-3.06	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	5.31	42
48	MP7	Z	-3.06	42
49	MP8	X	3.3	18
50	MP8	Z	-1.91	18
51	MP8	X	3.3	36
52	MP8	Z	-1.91	36
53	R2	X	3.22	3
54	R2	Z	-1.86	3
55	R2	X	3.22	21
56	R2	Z	-1.86	21
57	MP5	X	3.49	18
58	MP5	Z	-2.02	18
59	MP5	X	3.49	36
60	MP5	Z	-2.02	36
61	R5	X	5.98	18
62	R5	Z	-3.45	18
63	R5	X	5.98	18
64	R5	Z	-3.45	18
65	MP12	X	18.93	6
66	MP12	Z	-10.93	6
67	MP12	X	18.93	77
68	MP12	Z	-10.93	77
69	MP9	X	18.93	6
70	MP9	Z	-10.93	6
71	MP9	X	18.93	77
72	MP9	Z	-10.93	77
73	MP11	X	6.15	54
74	MP11	Z	-3.55	54
75	MP11	X	6.15	82
76	MP11	Z	-3.55	82
77	MP11	X	6.67	12
78	MP11	Z	-3.85	12
79	MP11	X	6.67	42
80	MP11	Z	-3.85	42
81	MP12	X	3.64	18
82	MP12	Z	-2.1	18
83	MP12	X	3.64	36
84	MP12	Z	-2.1	36
85	R3	X	3.7	3
86	R3	Z	-2.13	3
87	R3	X	3.7	21
88	R3	Z	-2.13	21
89	MP9	X	3.66	18
90	MP9	Z	-2.11	18
91	MP9	X	3.66	36
92	MP9	Z	-2.11	36

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

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

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	9.93	6
2	MP4	Z	-17.19	6
3	MP4	X	9.93	77
4	MP4	Z	-17.19	77
5	MP1	X	9.93	6
6	MP1	Z	-17.19	6
7	MP1	X	9.93	77
8	MP1	Z	-17.19	77
9	MP3	X	3.27	54
10	MP3	Z	-5.67	54
11	MP3	X	3.27	82
12	MP3	Z	-5.67	82
13	MP3	X	3.59	12
14	MP3	Z	-6.21	12
15	MP3	X	3.59	42
16	MP3	Z	-6.21	42
17	MP4	X	2.04	18
18	MP4	Z	-3.53	18
19	MP4	X	2.04	36
20	MP4	Z	-3.53	36
21	R1	X	2.04	3
22	R1	Z	-3.54	3
23	R1	X	2.04	21
24	R1	Z	-3.54	21
25	MP1	X	2.08	18
26	MP1	Z	-3.6	18
27	MP1	X	2.08	36
28	MP1	Z	-3.6	36
29	R4	X	2.5	12
30	R4	Z	-4.34	12
31	R4	X	2.5	12
32	R4	Z	-4.34	12
33	MP8	X	9.58	6
34	MP8	Z	-16.59	6
35	MP8	X	9.58	90
36	MP8	Z	-16.59	90
37	MP5	X	9.58	6
38	MP5	Z	-16.59	6
39	MP5	X	9.58	90
40	MP5	Z	-16.59	90
41	MP7	X	2.44	54
42	MP7	Z	-4.23	54
43	MP7	X	2.44	82
44	MP7	Z	-4.23	82
45	MP7	X	2.8	12
46	MP7	Z	-4.86	12

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

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
47	MP7	X	2.8	42
48	MP7	Z	-4.86	42
49	MP8	X	1.84	18
50	MP8	Z	-3.19	18
51	MP8	X	1.84	36
52	MP8	Z	-3.19	36
53	R2	X	1.77	3
54	R2	Z	-3.06	3
55	R2	X	1.77	21
56	R2	Z	-3.06	21
57	MP5	X	1.98	18
58	MP5	Z	-3.43	18
59	MP5	X	1.98	36
60	MP5	Z	-3.43	36
61	R5	X	3.11	18
62	R5	Z	-5.39	18
63	R5	X	3.11	18
64	R5	Z	-5.39	18
65	MP12	X	9.93	6
66	MP12	Z	-17.19	6
67	MP12	X	9.93	77
68	MP12	Z	-17.19	77
69	MP9	X	9.93	6
70	MP9	Z	-17.19	6
71	MP9	X	9.93	77
72	MP9	Z	-17.19	77
73	MP11	X	3.27	54
74	MP11	Z	-5.67	54
75	MP11	X	3.27	82
76	MP11	Z	-5.67	82
77	MP11	X	3.59	12
78	MP11	Z	-6.21	12
79	MP11	X	3.59	42
80	MP11	Z	-6.21	42
81	MP12	X	2.04	18
82	MP12	Z	-3.53	18
83	MP12	X	2.04	36
84	MP12	Z	-3.53	36
85	R3	X	2.04	3
86	R3	Z	-3.54	3
87	R3	X	2.04	21
88	R3	Z	-3.54	21
89	MP9	X	2.08	18
90	MP9	Z	-3.6	18
91	MP9	X	2.08	36
92	MP9	Z	-3.6	36

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

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

Member Point Loads (BLC 31 : Seismic Load Z)

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	Z	-13.716	6
2	MP4	Z	-13.716	77
3	MP1	Z	-10.598	6
4	MP1	Z	-10.598	77
5	MP3	Z	-10.168	54
6	MP3	Z	-10.168	82
7	MP3	Z	-12.534	12
8	MP3	Z	-12.534	42
9	MP4	Z	-10.906	18
10	MP4	Z	-10.906	36
11	R1	Z	-9.124	3
12	R1	Z	-9.124	21
13	MP1	Z	-11.52	18
14	MP1	Z	-11.52	36
15	R4	Z	-2.903	12
16	R4	Z	-2.903	12
17	MP8	Z	-16.22	6
18	MP8	Z	-16.22	90
19	MP5	Z	-13.379	6
20	MP5	Z	-13.379	90
21	MP7	Z	-10.168	54
22	MP7	Z	-10.168	82
23	MP7	Z	-12.534	12
24	MP7	Z	-12.534	42
25	MP8	Z	-10.906	18
26	MP8	Z	-10.906	36
27	R2	Z	-9.124	3
28	R2	Z	-9.124	21
29	MP5	Z	-11.52	18
30	MP5	Z	-11.52	36
31	R5	Z	-4.024	18
32	R5	Z	-4.024	18
33	MP12	Z	-13.716	6
34	MP12	Z	-13.716	77
35	MP9	Z	-10.598	6
36	MP9	Z	-10.598	77
37	MP11	Z	-10.168	54
38	MP11	Z	-10.168	82
39	MP11	Z	-12.534	12
40	MP11	Z	-12.534	42
41	MP12	Z	-10.906	18
42	MP12	Z	-10.906	36
43	R3	Z	-9.124	3
44	R3	Z	-9.124	21
45	MP9	Z	-11.52	18
46	MP9	Z	-11.52	36

Member Point Loads (BLC 32 : Seismic Load X)

	Member Label	Direction	Magnitude [lb, lb-ft]	Location [(in, %)]
1	MP4	X	-13.716	6
2	MP4	X	-13.716	77
3	MP1	X	-10.598	6
4	MP1	X	-10.598	77
5	MP3	X	-10.168	54
6	MP3	X	-10.168	82
7	MP3	X	-12.534	12
8	MP3	X	-12.534	42
9	MP4	X	-10.906	18
10	MP4	X	-10.906	36
11	R1	X	-9.124	3
12	R1	X	-9.124	21
13	MP1	X	-11.52	18
14	MP1	X	-11.52	36
15	R4	X	-2.903	12
16	R4	X	-2.903	12
17	MP8	X	-16.22	6
18	MP8	X	-16.22	90
19	MP5	X	-13.379	6
20	MP5	X	-13.379	90
21	MP7	X	-10.168	54
22	MP7	X	-10.168	82
23	MP7	X	-12.534	12
24	MP7	X	-12.534	42
25	MP8	X	-10.906	18
26	MP8	X	-10.906	36
27	R2	X	-9.124	3
28	R2	X	-9.124	21
29	MP5	X	-11.52	18
30	MP5	X	-11.52	36
31	R5	X	-4.024	18
32	R5	X	-4.024	18
33	MP12	X	-13.716	6
34	MP12	X	-13.716	77
35	MP9	X	-10.598	6
36	MP9	X	-10.598	77
37	MP11	X	-10.168	54
38	MP11	X	-10.168	82
39	MP11	X	-12.534	12
40	MP11	X	-12.534	42
41	MP12	X	-10.906	18
42	MP12	X	-10.906	36
43	R3	X	-9.124	3
44	R3	X	-9.124	21
45	MP9	X	-11.52	18
46	MP9	X	-11.52	36

Member Area Loads (BLC 1 : Self Weight)

	Node A	Node B	Node C	Node D	Direction	Load Direction	Magnitude [psf]
1	N8	N7	N29	N30	Y	Two Way	-1.75
2	N31	N5	N6	N32	Y	Two Way	-1.75
3	N34	N33	N10	N9	Y	Two Way	-1.75
4	N131	N128	N148	N145	Y	Two Way	-1.75
5	N148	N128	N127	N137	Y	Two Way	-1.75
6	N137	N127	N136	N143	Y	Two Way	-1.75
7	N142	N143	N136	N135	Y	Two Way	-1.75
8	N132	N144	N142	N135	Y	Two Way	-1.75
9	N131	N145	N144	N132	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	N8	N7	N29	N30	Y	Two Way	-11.916
2	N31	N5	N6	N32	Y	Two Way	-11.916
3	N34	N33	N10	N9	Y	Two Way	-11.916
4	N131	N128	N148	N145	Y	Two Way	-11.916
5	N148	N128	N127	N137	Y	Two Way	-11.916
6	N137	N127	N136	N143	Y	Two Way	-11.916
7	N142	N143	N136	N135	Y	Two Way	-11.916
8	N132	N144	N142	N135	Y	Two Way	-11.916
9	N131	N145	N144	N132	Y	Two Way	-11.916

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	N221	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	N96	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	N149	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	N166	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	N170	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	N161	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	N190	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	N194	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	N185	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	N207	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	N213	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	N220	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	N17	max	-410.534	16	1889.522	27	-829.211	14	3831.096	3	1014.705	23	1003.312	21
2		min	-4923.111	35	-470.748	21	-8638.917	33	-2075.702	21	-1067.105	5	-1905.911	3
3	N21	max	-436.947	18	1790.63	31	8532.146	38	1707.799	24	789.641	15	1180.376	24
4		min	-4990.849	37	-454.395	24	1060.78	19	-3332.254	6	-831.822	9	-2237.39	6
5	N15	max	4927.581	31	1765.304	27	-955.547	14	3701.014	27	887.178	11	1879.923	38
6		min	508.855	24	-178.473	20	-8574.815	33	-1630.676	20	-844.352	17	-619.85	19
7	N11	max	-1186.731	18	1793.458	31	548.857	3	463.155	14	707.285	3	1656.736	24
8		min	-9879.368	37	-171.337	24	-518.464	21	-535.894	8	-655.653	21	-4211.412	31
9	N19	max	5004.763	29	1703.315	35	8478.507	28	1337.498	16	588.746	7	2343.463	10
10		min	420.456	22	-193.267	16	1042.626	21	-3303.907	34	-533.077	25	-1200.977	16
11	N13	max	9832.963	29	1629.507	35	581.93	13	169.17	16	670.178	19	4146.86	10
12		min	1188.192	22	-539.867	16	-543.965	19	-320.851	132	-726.337	13	-2267.583	16
13	Totals:	max	5503.178	5	9634.685	38	5532.146	2						
14		min	-5503.177	11	2449.015	56	-5532.14	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	M42	L2.5x2.5x3	0.742	0	10	0.126	17.145	y	11	27155.926	29192.4	872.574	1971.83	1.5	H2-1
2	MH2	L3X3X6	0.689	49.263	29	0.749	102.632	y	10	6611.886	68364	2307.398	4434.824	1.5	H2-1
3	MR3	PIPE_2.0	0.674	142.105	5	0.432	142.105		10	6295.422	32130	1871.625	1871.625	2.026	H3-6
4	MH3	L3X3X6	0.668	49.263	33	0.732	102.632	y	2	6611.886	68364	2307.398	4434.824	1.5	H2-1
5	M69	L2.5x2.5x3	0.658	17.145	10	0.111	17.145	y	3	27155.926	29192.4	872.574	1971.83	1.5	H2-1
6	MP11	PIPE_2.0	0.649	80.842	3	0.105	80.842		3	14916.096	32130	1871.625	1871.625	1.986	H1-1b
7	MH1	L3X3X6	0.648	49.263	37	0.75	102.632	y	6	6611.886	68364	2307.398	4434.824	1.5	H2-1
8	MP10	PIPE_2.0	0.644	62.526	10	0.102	62.526		11	22356.067	32130	1871.625	1871.625	2.455	H1-1b
9	MP8	PIPE_2.0	0.58	42.632	4	0.103	45.474		4	12143.947	32130	1871.625	1871.625	2.241	H1-1b
10	MP12	PIPE_2.0	0.555	65.684	27	0.104	65.684		13	14916.096	32130	1871.625	1871.625	3	H1-1b
11	MP6	PIPE_2.0	0.554	60.789	2	0.105	60.789		3	22356.067	32130	1871.625	1871.625	2.4	H1-1b
12	MP2	PIPE_2.0	0.554	60.789	6	0.095	60.789		7	22356.067	32130	1871.625	1871.625	2.418	H1-1b
13	MP7	PIPE_2.0	0.552	75.789	7	0.099	75.789		6	14916.096	32130	1871.625	1871.625	1.939	H1-1b
14	MP3	PIPE_2.0	0.541	75.789	11	0.089	75.789		11	14916.096	32130	1871.625	1871.625	1.957	H1-1b
15	M71	L2.5x2.5x3	0.54	17.145	2	0.111	17.145	y	7	27155.926	29192.4	872.574	1971.83	1.5	H2-1
16	MP4	PIPE_2.0	0.53	59.684	35	0.104	59.684		9	17855.085	32130	1871.625	1871.625	2.332	H1-1b
17	MR1	PIPE_2.0	0.529	7.895	10	0.264	7.895		5	6295.422	32130	1871.625	1871.625	2.076	H1-1b
18	MS1	HSS4X4X2	0.471	0	31	0.127	27.474	y	7	70752.694	73278	8240.413	8240.413	2.041	H1-1b
19	MP1	PIPE_2.0	0.469	63.592	31	0.13	63.592		8	16491.332	32130	1871.625	1871.625	3	H1-1b
20	MS11	HSS4X4X2	0.465	0	38	0.136	27.474	y	3	70752.694	73278	8240.413	8240.413	2.05	H1-1b
21	MS10	HSS4X4X2	0.461	0	3	0.121	0	y	27	70752.694	73278	8240.413	8240.413	1.733	H1-1b
22	MS9	HSS4X4X2	0.459	0	10	0.111	10.421	y	35	70752.694	73278	8240.413	8240.413	1.741	H1-1b
23	MP9	PIPE_2.0	0.453	63.947	35	0.135	63.947		11	16368.554	32130	1871.625	1871.625	3	H1-1b
24	MS12	HSS4X4X2	0.448	0	35	0.132	27.474	y	11	70752.694	73278	8240.413	8240.413	2.075	H1-1b
25	MP5	PIPE_2.0	0.44	68.211	38	0.14	68.211		4	14916.096	32130	1871.625	1871.625	3	H1-1b
26	MR2	PIPE_2.0	0.438	142.105	7	0.262	142.105		13	6295.422	32130	1871.625	1871.625	1.955	H1-1b
27	MS5	HSS4X4X2	0.423	0	32	0.118	0	y	31	70752.694	73278	8240.413	8240.413	2.145	H1-1b
28	MS6	HSS3.5X3.5X4	0.391	0	30	0.085	0	y	7	120305.67	120474	12075	12075	1.092	H1-1b

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
29	MS2	HSS3.5X3.5X4	0.388	0	10	0.073	0	y	35	120305.67	120474	12075	12075	1.075	H1-1b
30	MS7	HSS3.5X3.5X4	0.385	0	38	0.09	0	y	3	120305.67	120474	12075	12075	1.092	H1-1b
31	MS3	HSS3.5X3.5X4	0.379	0	2	0.08	0	y	27	120305.67	120474	12075	12075	1.075	H1-1b
32	MS4	HSS3.5X3.5X4	0.372	0	34	0.084	0	y	11	120305.67	120474	12075	12075	1.094	H1-1b
33	MS8	HSS3.5X3.5X4	0.358	0	32	0.079	0	y	31	120305.67	120474	12075	12075	1.103	H1-1b
34	M90	L2x2x4	0.301	47.959	30	0.016	47.959	z	7	13627.118	30585.6	690.934	1522.23	1.386	H2-1
35	M98	L2x2x4	0.295	0	28	0.02	30.179	y	7	22206.361	30585.6	690.934	1576.849	1.181	H2-1
36	M88	L2x2x4	0.291	47.959	38	0.017	47.959	z	3	13627.118	30585.6	690.934	1520.706	1.378	H2-1
37	M89	L2x2x4	0.289	47.959	34	0.016	47.959	z	11	13627.118	30585.6	690.934	1517.897	1.363	H2-1
38	M52	L2x2x4	0.289	0	32	0.021	30.179	y	11	22206.361	30585.6	690.934	1576.849	1.19	H2-1
39	M95	L2x2x4	0.288	0	36	0.02	30.179	y	3	22206.361	30585.6	690.934	1576.849	1.172	H2-1
40	M74	L2x2x4	0.269	11.008	5	0.097	11.008	z	5	29310.165	30585.6	690.934	1576.849	1.5	H2-1
41	M73	L2x2x4	0.268	32.947	5	0.036	32.947	z	5	20883.504	30585.6	690.934	1576.849	1.5	H2-1
42	M78	L2x2x4	0.252	32.947	9	0.031	32.947	z	9	20883.504	30585.6	690.934	1576.849	1.5	H2-1
43	M76	L2x2x4	0.247	32.947	13	0.032	32.947	z	13	20883.504	30585.6	690.934	1576.849	1.5	H2-1
44	M75	L2x2x4	0.246	11.008	13	0.088	11.008	z	13	29310.165	30585.6	690.934	1576.849	1.5	H2-1
45	M104	L2x2x4	0.237	0	29	0.007	0	y	2	22206.361	30585.6	690.934	1576.849	1.147	H2-1
46	M77	L2x2x4	0.234	11.008	9	0.085	11.008	z	9	29310.165	30585.6	690.934	1576.849	1.5	H2-1
47	M107	L2x2x4	0.232	0	37	0.008	0	y	10	22206.361	30585.6	690.934	1571.866	1.077	H2-1
48	M101	L2x2x4	0.225	0	33	0.008	0	y	6	22206.361	30585.6	690.934	1576.849	1.112	H2-1
49	M24	L2x2x4	0.214	0	22	0.007	54.887	y	7	10602.267	30585.6	690.934	1508.091	1.5	H2-1
50	M84	L2x2x4	0.209	0	31	0.006	47.959	z	3	13627.118	30585.6	690.934	1499.443	1.267	H2-1
51	M79	L2x2x4	0.207	0	27	0.006	47.959	z	10	13627.118	30585.6	690.934	1501.126	1.276	H2-1
52	M87	L2x2x4	0.204	0	35	0.006	47.959	z	6	13627.118	30585.6	690.934	1512.356	1.333	H2-1
53	M22	L2x2x4	0.203	54.887	18	0.007	0	z	3	10602.267	30585.6	690.934	1508.091	1.5	H2-1
54	M23	L2x2x4	0.191	0	14	0.007	54.887	y	11	10602.267	30585.6	690.934	1508.091	1.5	H2-1
55	R2	PIPE_2.0	0.114	3.158	27	0.052	20.842		4	30625.434	32130	1871.625	1871.625	1.909	H1-1b
56	R3	PIPE_2.0	0.09	3.158	4	0.045	20.842		12	30625.434	32130	1871.625	1871.625	1.288	H1-1b
57	R1	PIPE_2.0	0.073	64.421	2	0.044	17.053		8	20866.733	32130	1871.625	1871.625	1.924	H1-1b
58	R5	PIPE_2.0	0.056	23.684	4	0.021	23.684		4	28843.414	32130	1871.625	1871.625	3	H1-1b
59	M7	L5X5X6	0.022	0	5	0.226	4.33	y	5	114088.677	118260	7417.647	16004.504	1.5	H2-1
60	M8	L5X5X6	0.019	4.33	9	0.185	0	z	9	114088.677	118260	7417.647	16004.504	1.5	H2-1
61	M9	L5X5X6	0.019	4.33	13	0.195	0	z	13	114088.677	118260	7417.647	16004.504	1.5	H2-1
62	R4	PIPE_2.0	0.003	12	7	0.001	12		7	30625.434	32130	1871.625	1871.625	1.561	H1-1b

APPENDIX D

ADDITIONAL CALCUATIONS

INFINIGY

FROM ZERO TO INFINIGY

the solutions are endless

Welded Calculation Tool, V1.0

PROJECT DATA	
Site Name:	NEW BRITAIN GRAVEL PIT
Site Number:	876331
Job Code:	1039-Z0001-B
Date:	9/10/2021

WELD INFORMATION		
Design:	LRFD	-
Weld Strength (F_EXX):	70	ksi
Weld Thickness:	0.25	in

MAIN SHAPE INFORMATION		
Main Shape:	Rectangle	-
Main Shape Material:	A 500 Gr. B Rect.	-
Main Shape Thickness:	0.250	in
Main Shape Size:	3.5X3.5	in

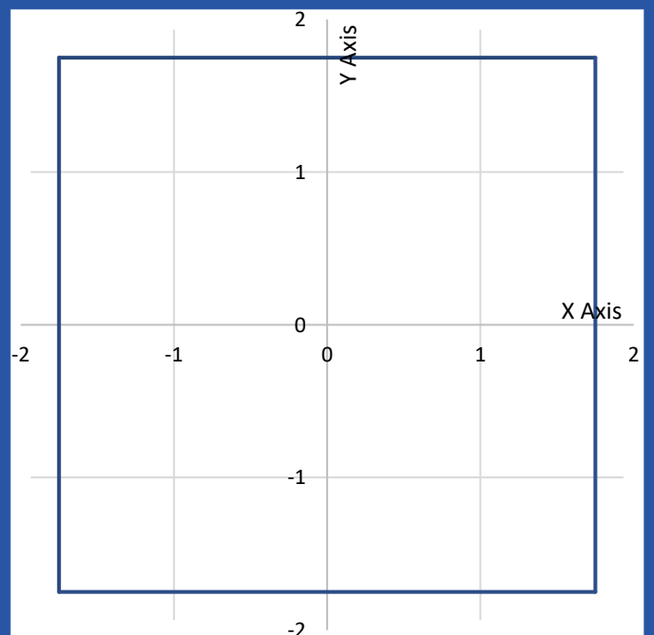
TOTAL SUM OF LINES PROPERTIES		
Polar Moment of Inertia:	57.167	in^3
Section Modulus X-X dir.:	16.333	in^2
Section Modulus Y-Y dir.:	16.333	in^2
Critical Usage Mode*:	Weld Critical	-
Critical Thickness Used:	0.250	in

SECONDARY SHAPE INFORMATION		
Secondary Shape:	N/A	-
Secondary Shape Material:	N/A	-
Secondary Shape Thickness:	N/A	in
Secondary Shape Size:	N/A	in

WELD DESCRIPTION
Standoff to Collar

RESULTS		
Critical Risa Combination:	LC 31	-
Critical Member Label:	MS6	-
Member End:	i	-
Weld Strength (Phi*Rn):	5568.466	lb/in
Weld Demand (Ru):	3763.642	lb/in
Usage ratio:	67.6%	OK

WELD DIAGRAM (NOT TO SCALE)



NOTES

*The strength of the weld governs the design compared to the effective strength of the welded object.

Exhibit F

Power Density/RF Emissions Report

EBI Consulting

environmental | engineering | due diligence

RADIO FREQUENCY EMISSIONS ANALYSIS REPORT
EVALUATION OF HUMAN EXPOSURE POTENTIAL TO NON-IONIZING EMISSIONS

AT&T Existing Facility

Site ID: CTL01024 / 876331

New Britain Loon Lake
115 North Mountain Rd
New Britain, Connecticut 06053

January 26, 2022

EBI Project Number: 6222000345

Site Compliance Summary	
Compliance Status:	**NOT COMPLIANT**
Site total MPE% of FCC general population allowable limit:	**128.69%**

January 26, 2022

AT&T

Emissions Analysis for Site: CTL01024 / 876331 - New Britain Loon Lake

EBI Consulting was directed to analyze the proposed AT&T facility located at **115 North Mountain Rd** in **New Britain, Connecticut** for the purpose of determining whether the emissions from the Proposed AT&T Antenna Installation located on this property are within specified federal limits.

All information used in this report was 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 ($\mu W/cm^2$). The number of $\mu W/cm^2$ 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 population 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 population 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 ($\mu W/cm^2$). The general population exposure limits for the 600 MHz and 700 MHz frequency bands are approximately 400 $\mu W/cm^2$ and 467 $\mu W/cm^2$, respectively. The general population exposure limit for the 1900 MHz (PCS), 2100 MHz (AWS) and 11 GHz frequency bands is 1000 $\mu W/cm^2$. 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 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 and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Additional details can be found in FCC OET 65.

CALCULATIONS

Calculations were done for the proposed AT&T Wireless antenna facility located at 115 North Mountain Rd in New Britain, Connecticut using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. Since AT&T is proposing highly focused directional panel antennas, which project most of the emitted energy out toward the horizon, all calculations were performed assuming a lobe representing the maximum gain of the antenna per the antenna manufacturer's supplied specifications, minus 10 dB for directional panel antennas and 20 dB for highly focused parabolic microwave dishes, was focused at the base of the tower. For this report, the sample point is the top of a 6-foot person standing at the base of the tower. For power density calculations, the broadcast footprint of the AIR6449 antenna has been considered. Due to the beamforming nature of this antenna, the actual beam locations vary depending on demand and are narrow in nature. Using the broadcast footprint accounts for the potential location of beams at any given time.

For all calculations, all equipment was calculated using the following assumptions:

1) 4 LTE channels (700 MHz Band) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

2) 4 LTE FN channels (700 MHz Band) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

3) 4 5G channels (850 MHz Band) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

4) 4 LTE / 5G channels (PCS Band - 1900 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

5) 4 LTE / 5G channels (AWS Band – 2100 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

6) 2 C-Band Channels (3700 MHz Band) were considered for each sector of the proposed installation. These Channels have a transmit power of 144.58 Watts per Channel.

7) All radios at the proposed installation were considered to be running at full power and were uncombined in their RF transmissions paths per carrier prescribed configuration. Per FCC OET Bulletin No. 65 - Edition 97-01 recommendations to achieve the maximum anticipated value at each sample point, all power levels emitting from the proposed antenna installation are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.

8) For the following calculations, the sample point was the top of a 6-foot person standing at the base of the tower. The maximum gain of the antenna per the antenna manufacturer's supplied specifications, minus 10 dB for directional panel antennas and 20 dB for highly focused parabolic microwave dishes, was used in this direction. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.

9) The antennas used in this modeling are the CCI TPA-65R-BU6DA-K for the 700 MHz / 1900 MHz / 2100 MHz channel(s), the Ericsson AIR 6449 for the 3700 MHz / 3700 MHz channel(s), the CCI DMP65R-BU6DA for the 700 MHz / 850 MHz channel(s) in Sector A, the CCI TPA-65R-BU6DA-K for the 700 MHz / 1900 MHz / 2100 MHz channel(s), the Ericsson AIR 6449 for the 3700 MHz / 3700 MHz channel(s), the CCI DMP65R-BU6DA for the 700 MHz / 850 MHz channel(s) in Sector B, the CCI TPA-65R-BU6DA-K for the 700 MHz / 1900 MHz / 2100 MHz channel(s), the Ericsson AIR 6449 for the 3700 MHz / 3700 MHz channel(s), the CCI DMP65R-BU6DA for the 700 MHz / 850 MHz channel(s) in Sector C. This is based on feedback from the carrier with regard to anticipated antenna selection. All Antenna gain values and associated transmit power levels are shown in the Site Inventory and Power Data table below. The maximum gain of the antenna per the antenna manufacturer's supplied specifications, minus 10 dB for directional panel antennas and 20 dB for highly focused parabolic microwave dishes, was used for all calculations. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.

10) The antenna mounting height centerline of the proposed antennas is 100 feet above ground level (AGL).

11) Emissions values for additional carriers were taken from the Connecticut Siting Council active database. Values in this database are provided by the individual carriers themselves.

12) All calculations were done with respect to uncontrolled / general population threshold limits.

AT&T Site Inventory and Power Data

Sector:	A	Sector:	B	Sector:	C
Antenna #:	**1**	Antenna #:	**1**	Antenna #:	**1**
Make / Model:	CCI TPA-65R-BU6DA-K	Make / Model:	CCI TPA-65R-BU6DA-K	Make / Model:	CCI TPA-65R-BU6DA-K
Frequency Bands:	700 MHz / 1900 MHz / 2100 MHz	Frequency Bands:	700 MHz / 1900 MHz / 2100 MHz	Frequency Bands:	700 MHz / 1900 MHz / 2100 MHz
Gain:	11.75 dBd / 14.55 dBd / 15.55 dBd	Gain:	11.75 dBd / 14.55 dBd / 15.55 dBd	Gain:	11.75 dBd / 14.55 dBd / 15.55 dBd
Height (AGL):	100 feet	Height (AGL):	100 feet	Height (AGL):	100 feet
Channel Count:	12	Channel Count:	12	Channel Count:	12
Total TX Power (W):	480 Watts	Total TX Power (W):	480 Watts	Total TX Power (W):	480 Watts
ERP (W):	12,698.36	ERP (W):	12,698.36	ERP (W):	12,698.36
Antenna A1 MPE %:	**6.28%**	Antenna B1 MPE %:	**6.28%**	Antenna C1 MPE %:	**6.28%**
Antenna #:	**2**	Antenna #:	**2**	Antenna #:	**2**
Make / Model:	Ericsson AIR 6449	Make / Model:	Ericsson AIR 6449	Make / Model:	Ericsson AIR 6449
Frequency Bands:	3700 MHz / 3700 MHz	Frequency Bands:	3700 MHz / 3700 MHz	Frequency Bands:	3700 MHz / 3700 MHz
Gain:	23.45 dBd / 23.45 dBd	Gain:	23.45 dBd / 23.45 dBd	Gain:	23.45 dBd / 23.45 dBd
Height (AGL):	100 feet	Height (AGL):	100 feet	Height (AGL):	100 feet
Channel Count:	2	Channel Count:	2	Channel Count:	2
Total TX Power (W):	289.160000000000003 Watts	Total TX Power (W):	289.160000000000003 Watts	Total TX Power (W):	289.160000000000003 Watts
ERP (W):	63,993.85	ERP (W):	63,993.85	ERP (W):	63,993.85
Antenna A2 MPE %:	**26.04%**	Antenna B2 MPE %:	**26.04%**	Antenna C2 MPE %:	**26.04%**
Antenna #:	**3**	Antenna #:	**3**	Antenna #:	**3**
Make / Model:	CCI DMP65R-BU6DA	Make / Model:	CCI DMP65R-BU6DA	Make / Model:	CCI DMP65R-BU6DA
Frequency Bands:	700 MHz / 850 MHz	Frequency Bands:	700 MHz / 850 MHz	Frequency Bands:	700 MHz / 850 MHz
Gain:	11.85 dBd / 12.45 dBd	Gain:	11.85 dBd / 12.45 dBd	Gain:	11.85 dBd / 12.45 dBd
Height (AGL):	100 feet	Height (AGL):	100 feet	Height (AGL):	100 feet
Channel Count:	8	Channel Count:	8	Channel Count:	8
Total TX Power (W):	320 Watts	Total TX Power (W):	320 Watts	Total TX Power (W):	320 Watts
ERP (W):	5,262.42	ERP (W):	5,262.42	ERP (W):	5,262.42
Antenna A3 MPE %:	**4.15%**	Antenna B3 MPE %:	**4.15%**	Antenna C3 MPE %:	**4.15%**

• An adjusted power reduction factor of 0.32 was applied to the AIR 6449 antennas per guidance from AT&T.

• Specifications were not available for the Ericsson AIR 6419 antenna. Per AT&T, specifications for the AIR 6449 antenna were used to model the 6419 due to its similarity.

Site Composite MPE %	
Carrier	**MPE %**
AT&T (Max at Sector A):	36.47%
Dish	52.9%
Clearwire	0.25%
Sprint	6.8%
T-Mobile	23.51%
Verizon	8.76%
Site Total MPE % :	128.69%

AT&T MPE % Per Sector	
AT&T Sector A Total:	36.47%
AT&T Sector B Total:	36.47%
AT&T Sector C Total:	36.47%
Site Total MPE % :	128.69%

AT&T Maximum MPE Power Values (Sector A)

AT&T Frequency Band / Technology (Sector A)	# Channels	Watts ERP (Per Channel)	Height (feet)	Total Power Density (μW/cm²)	Frequency (MHz)	Allowable MPE (μW/cm²)	Calculated % MPE
AT&T 700 MHz LTE FN	4	598.49	100.0	9.74	700 MHz LTE FN	467	2.09%
AT&T 1900 MHz LTE/5G	4	1140.41	100.0	18.56	1900 MHz LTE/5G	1000	1.86%
AT&T 2100 MHz LTE/5G	4	1435.69	100.0	23.37	2100 MHz LTE/5G	1000	2.34%
AT&T 3700 MHz C-Band	1	31996.92	100.0	130.19	3700 MHz C-Band	1000	13.02%
AT&T 3700 MHz C-Band	1	31996.92	100.0	130.19	3700 MHz C-Band	1000	13.02%
AT&T 700 MHz LTE	4	612.43	100.0	9.97	700 MHz LTE	467	2.13%
AT&T 850 MHz 5G	4	703.17	100.0	11.44	850 MHz 5G	567	2.02%
						Total:	**36.47%**

• NOTE: Totals may vary by approximately 0.01% due to summation of remainders in calculations.

Summary

All calculations performed for this analysis yielded results that were **not within** the allowable limits for general population exposure to RF Emissions.

The anticipated maximum composite contributions from the AT&T facility as well as the site composite emissions value with regards to compliance with FCC's allowable limits for general population exposure to RF Emissions are shown here:

AT&T Sector	Power Density Value (%)
Sector A:	36.47%
Sector B:	36.47%
Sector C:	36.47%
AT&T Maximum MPE % (Sector A):	36.47%
Site Total:	128.69%
Site Compliance Status:	**NOT COMPLIANT**

The anticipated composite MPE value for this site assuming all carriers present is **128.69%** of the allowable FCC established general population limit sampled at the ground level. This is based upon values listed in the Connecticut Siting Council database for existing carrier emissions.

FCC guidelines state that if a site is found to be out of compliance (over allowable thresholds), that carriers over a 5% contribution to the composite value will require measures to bring the site into compliance. For this facility, the composite values calculated were not within the allowable 100% threshold standard per the federal government.