

Exhibit D

Structural Analysis Report

Date: **March 21, 2022**



Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
(724) 416-2000

Subject: **Structural Analysis Report**

Carrier Designation: **Verizon Wireless Co-Locate**
Site Number: 468137
Site Name: NEW HARTFORD N CT

Crown Castle Designation: **BU Number:** 876392
Site Name: NEW HARTFORD / EXECUTIVE
GREET

JDE Job Number: 644665
Work Order Number: 2092540
Order Number: 552670 Rev. 3

Engineering Firm Designation: **Crown Castle Project Number:** 2092540

Site Data: **115 INDUSTRIAL PARK RD, NEW HARTFORD, LITCHFIELD County, CT**
Latitude 41° 53' 10.48", Longitude -72° 57' 58.1"
168 Foot - Monopole Tower

Crown Castle is pleased to submit this “**Structural Analysis Report**” to determine the structural integrity of the above-mentioned tower.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Proposed Equipment Configuration **Sufficient Capacity-90.0%**

This analysis utilizes an ultimate 3-second gust wind speed of 115 mph as required by the 2018 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Matthew Schmitt

Respectfully submitted by:



Terry P Styran
2022.03.23
11:59:51 -04'00'

Terry P. Styran, P.E.
Senior Project Engineer

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1) INTRODUCTION

This tower is a 168 ft Monopole tower designed by SUMMIT. The tower has been modified multiple times to accommodate additional loading.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	115 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
145.0	147.0	3	commscope	TD-850B-LTE78-43	7	1-5/8
		6	jma wireless	MX06FRO660-03 w/ Mount Pipe		
		1	rfs celwave	DB-C1-12C-24AB-0Z		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		3	samsung telecommunications	RF4439D-25A		
	3	samsung telecommunications	RF4440D-13A			
	145.0	1	tower mounts	Platform Mount [LP 403-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
166.0	168.0	3	rfs celwave	APX16PV-16PVL-E w/ Mount Pipe	12	1-5/8
	166.0	3	communication components inc.	DTMA-1819-DD-12		
157.0	157.0	3	ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe	3	1-5/8
		3	ericsson	RADIO 4460 B2/B25 B66_TMO		
		3	ericsson	RADIO 4480 B71_TMO		
		3	rfs celwave	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe		
		3	rfs celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		
		1	tower mounts	Platform Mount [LP 1201-1_KCKR-HR-1]		
130.0	130.0	3	fujitsu	TA08025-B604	1	1-1/2
		3	fujitsu	TA08025-B605		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		3	jma wireless	MX08FRO665-21 w/ Mount Pipe		
		1	raycap	RDIDC-9181-PF-48		
		1	tower mounts	Commscope MC-PK8-DSH		
120.0	120.0	2	andrew	SBNHH-1D65A w/ Mount Pipe	12	1-5/8 7/16 3/8 Conduit
		1	cci antennas	HPA-65R-BUU-H6 w/ Mount Pipe		
		3	ericsson	RRUS 11 B12		
		3	ericsson	RRUS 4415 B25		
		1	kathrein	800 10764 w/ Mount Pipe		
		1	kmw communications	AM-X-CD-14-65-00T-RET w/ Mount Pipe		
		1	kmw communications	AM-X-CD-16-65-00T-RET w/ Mount Pipe		
		3	powerwave technologies	7770.00 w/ Mount Pipe		
		6	powerwave technologies	LGP2140X		
		1	raycap	DC6-48-60-18-8F		
		1	tower mounts	Platform Mount [LP 303-1_HR-1]		
102.0	102.0	3	rfs celwave	APXV18-206517S-C w/ Mount Pipe	6	1-5/8
74.0	75.0	1	lucent	KS24019-L112A	1	1/2
	74.0	1	tower mounts	Side Arm Mount [SO 702-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	1532994	CCISITES
4-POST-MODIFICATION INSPECTION	3839078	CCISITES
4-POST-MODIFICATION INSPECTION	2808249	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	1616556	CCISITES
4-TOWER MANUFACTURER DRAWINGS	1441325	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	3375541	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	3375535	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	3027354	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	2920117	CCISITES

3.1) Analysis Method

tnxTower (version 8.1.1.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 standard.

tnxTower was used to determine the loads on the modified structure. Additional calculations were performed to determine the stresses in the reinforcing elements. These calculations are presented in Appendix C.

3.2) Assumptions

- 1) Tower and structures were maintained in accordance with the TIA-222 Standard.
- 2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.

This analysis may be affected if any assumptions are not valid or have been made in error. Crown Castle should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
L1	168 - 163	Pole	TP14x14x0.25	Pole	2.6%	Pass
L2	163 - 158	Pole	TP14x14x0.25	Pole	6.6%	Pass
L3	158 - 153	Pole	TP22.86x22x0.1875	Pole	8.7%	Pass
L4	153 - 148	Pole	TP23.72x22.86x0.1875	Pole	15.4%	Pass
L5	148 - 143	Pole	TP24.58x23.72x0.1875	Pole	24.6%	Pass
L6	143 - 138	Pole	TP25.44x24.58x0.1875	Pole	33.7%	Pass
L7	138 - 133	Pole	TP26.301x25.44x0.1875	Pole	42.2%	Pass
L8	133 - 128	Pole	TP27.161x26.301x0.1875	Pole	51.7%	Pass
L9	128 - 123	Pole	TP28.021x27.161x0.1875	Pole	61.7%	Pass
L10	123 - 120.25	Pole	TP29.139x28.021x0.1875	Pole	66.9%	Pass
L11	120.25 - 115.25	Pole	TP28.979x28.119x0.25	Pole	54.2%	Pass
L12	115.25 - 110.25	Pole	TP29.839x28.979x0.25	Pole	61.2%	Pass
L13	110.25 - 105.25	Pole	TP30.699x29.839x0.25	Pole	67.6%	Pass
L14	105.25 - 100.25	Pole	TP31.559x30.699x0.25	Pole	73.6%	Pass
L15	100.25 - 95.25	Pole	TP32.42x31.559x0.25	Pole	79.3%	Pass
L16	95.25 - 91.5	Pole	TP33.065x32.42x0.25	Pole	83.3%	Pass
L17	91.5 - 91.25	Pole	TP33.108x33.065x0.25	Pole	83.5%	Pass
L18	91.25 - 86.25	Pole	TP33.968x33.108x0.25	Pole	88.6%	Pass
L19	86.25 - 84.75	Pole	TP35x33.968x0.25	Pole	90.0%	Pass
L20	84.75 - 79.25	Pole	TP34.672x33.726x0.3125	Pole	72.7%	Pass
L21	79.25 - 74.25	Pole	TP35.532x34.672x0.3125	Pole	75.8%	Pass
L22	74.25 - 69.75	Pole	TP36.306x35.532x0.3125	Pole	78.5%	Pass
L23	69.75 - 69.5	Pole + Reinf.	TP36.349x36.306x0.4875	Reinf. 2 Tension Rupture	77.2%	Pass
L24	69.5 - 64.5	Pole + Reinf.	TP37.209x36.349x0.4875	Reinf. 2 Tension Rupture	80.0%	Pass
L25	64.5 - 59.5	Pole + Reinf.	TP38.07x37.209x0.475	Reinf. 2 Tension Rupture	82.7%	Pass
L26	59.5 - 54.5	Pole + Reinf.	TP38.93x38.07x0.475	Reinf. 2 Tension Rupture	85.1%	Pass
L27	54.5 - 53.75	Pole + Reinf.	TP39.059x38.93x0.475	Reinf. 2 Tension Rupture	85.5%	Pass
L28	53.75 - 53.5	Pole + Reinf.	TP39.102x39.059x0.475	Reinf. 3 Tension Rupture	85.6%	Pass
L29	53.5 - 48.5	Pole + Reinf.	TP39.962x39.102x0.475	Reinf. 3 Tension Rupture	87.9%	Pass
L30	48.5 - 45	Pole + Reinf.	TP41.467x39.962x0.4688	Reinf. 3 Tension Rupture	89.4%	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
L31	45 - 38.75	Pole	TP41.014x39.939x0.375	Pole	75.8%	Pass
L32	38.75 - 33.75	Pole	TP41.874x41.014x0.375	Pole	77.3%	Pass
L33	33.75 - 28.75	Pole	TP42.734x41.874x0.375	Pole	78.7%	Pass
L34	28.75 - 27.75	Pole	TP42.906x42.734x0.375	Pole	78.9%	Pass
L35	27.75 - 27.5	Pole + Reinf.	TP42.949x42.906x0.575	Reinf. 5 Tension Rupture	77.6%	Pass
L36	27.5 - 22.5	Pole + Reinf.	TP43.809x42.949x0.575	Reinf. 5 Tension Rupture	79.0%	Pass
L37	22.5 - 17.5	Pole + Reinf.	TP44.67x43.809x0.5625	Reinf. 5 Tension Rupture	80.2%	Pass
L38	17.5 - 12.5	Pole + Reinf.	TP45.53x44.67x0.5625	Reinf. 5 Tension Rupture	81.4%	Pass
L39	12.5 - 8.75	Pole + Reinf.	TP46.175x45.53x0.5625	Reinf. 5 Tension Rupture	82.2%	Pass
L40	8.75 - 8.5	Pole + Reinf.	TP46.218x46.175x0.5625	Reinf. 5 Tension Rupture	82.3%	Pass
L41	8.5 - 8.25	Pole + Reinf.	TP46.261x46.218x0.5625	Reinf. 5 Tension Rupture	82.3%	Pass
L42	8.25 - 8	Pole + Reinf.	TP46.304x46.261x0.5	Reinf. 5 Tension Rupture	83.4%	Pass
L43	8 - 3.25	Pole + Reinf.	TP47.121x46.304x0.5	Reinf. 5 Tension Rupture	84.4%	Pass
L44	3.25 - 3	Pole + Reinf.	TP47.164x47.121x0.4125	Pole	83.0%	Pass
L45	3 - 0	Pole + Reinf.	TP47.68x47.164x0.4125	Pole	83.6%	Pass
					Summary	
				Pole	90.0%	Pass
				Reinforcement	89.4%	Pass
				Overall	90.0%	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Flange Bolts	158	7.2	Pass
1	Flange Plate	158	17.5	Pass
1	Anchor Rods	0	70.3	Pass
1	Base Plate	0	72.8	Pass
1	Base Foundation (Structure)	0	56.8	Pass
1	Base Foundation (Soil Interaction)	0	64.6	Pass

Structure Rating (max from all components) =	90%
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Notes:

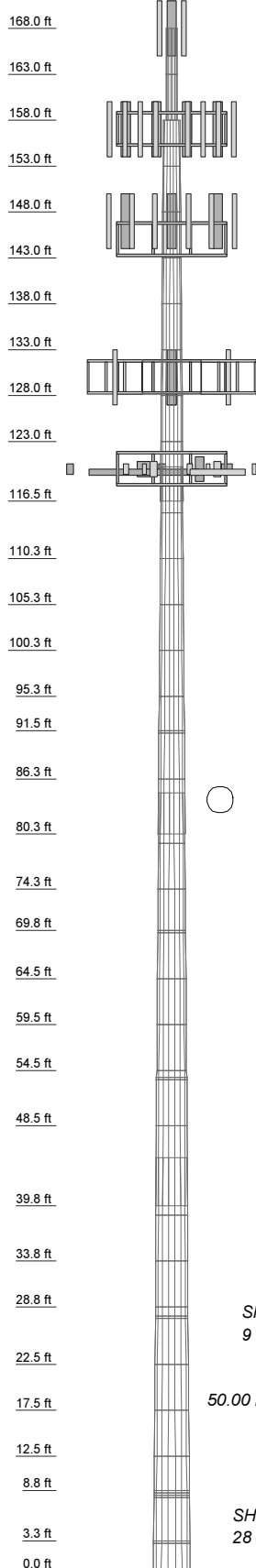
- 1) See additional documentation in "Appendix C – Additional Calculations" for calculations supporting the % capacity consumed.

4.1) Recommendations

The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

APPENDIX A
TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
2	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
3	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
4	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
5	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
6	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
7	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
8	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
9	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
10	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
11	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
12	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
13	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
14	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
15	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
16	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
17	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
18	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
19	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
20	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
21	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
22	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
23	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
24	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
25	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
26	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
27	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
28	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
29	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
30	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
31	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
32	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
33	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
34	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
35	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
36	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
37	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
38	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
39	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
40	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
41	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
42	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
43	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
44	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
45	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
46	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
47	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
48	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
49	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
50	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
51	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
52	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
53	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
54	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
55	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
56	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
57	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
58	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
59	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
60	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
61	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
62	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
63	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
64	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
65	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
66	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
67	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
68	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
69	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
70	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
71	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
72	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
73	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
74	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
75	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
76	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
77	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
78	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
79	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
80	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
81	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
82	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
83	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
84	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
85	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
86	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
87	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
88	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
89	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
90	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
91	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
92	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
93	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
94	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
95	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
96	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
97	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
98	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
99	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2
100	3.0000	18	0.4000	3.7500	47.4163	47.4880	A53-B-35	0.2

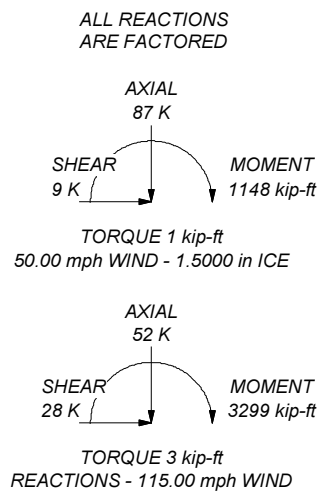


MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A53-B-35	35 ksi	60 ksi	A607-65	65 ksi	80 ksi

TOWER DESIGN NOTES

1. Tower is located in Litchfield County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 115.00 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50.00 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60.00 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.0000 ft
8. TOWER RATING: 90%



Crown Castle
 2000 Corporate Drive
 Canonsburg, PA 15317
 Phone: (724) 416-2000
 FAX:

Job: BU 876392			
Project:			
Client: Crown Castle	Drawn by: Matthew Schmitt	App'd:	
Code: TIA-222-H	Date: 03/21/22	Scale: NTS	
Path: C:\Work Area\876392\WO 2092540 - SAIProd\876392_R_en		Dwg No. E-1	

Tower Input Data

The tower is a monopole.
 This tower is designed using the TIA-222-H standard.
 The following design criteria apply:

- Tower is located in Litchfield County, Connecticut.
- Tower base elevation above sea level: 567.0000 ft.
- Basic wind speed of 115.00 mph.
- Risk Category II.
- Exposure Category C.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.0000 ft.
- Nominal ice thickness of 1.5000 in.
- Ice thickness is considered to increase with height.
- Ice density of 56.00 pcf.
- A wind speed of 50.00 mph is used in combination with ice.
- Temperature drop of 50.00 °F.
- Deflections calculated using a wind speed of 60.00 mph.
- A non-linear (P-delta) analysis was used.
- Pressures are calculated at each section.
- Stress ratio used in pole design is 1.
- Tower analysis based on target reliabilities in accordance with Annex S.
- Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
- Maximum demand-capacity ratio is: 1.05.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

Consider Moments - Legs Consider Moments - Horizontals Consider Moments - Diagonals Use Moment Magnification ✓ Use Code Stress Ratios ✓ Use Code Safety Factors - Guys Escalate Ice Always Use Max Kz Use Special Wind Profile Include Bolts In Member Capacity Leg Bolts Are At Top Of Section Secondary Horizontal Braces Leg Use Diamond Inner Bracing (4 Sided) SR Members Have Cut Ends SR Members Are Concentric	Distribute Leg Loads As Uniform Assume Legs Pinned ✓ Assume Rigid Index Plate ✓ Use Clear Spans For Wind Area Use Clear Spans For KL/r Retension Guys To Initial Tension ✓ Bypass Mast Stability Checks ✓ Use Azimuth Dish Coefficients ✓ Project Wind Area of Appurt. Autocalc Torque Arm Areas Add IBC .6D+W Combination ✓ Sort Capacity Reports By Component Triangulate Diamond Inner Bracing Treat Feed Line Bundles As Cylinder Ignore KL/ry For 60 Deg. Angle Legs	Use ASCE 10 X-Brace Ly Rules Calculate Redundant Bracing Forces Ignore Redundant Members in FEA SR Leg Bolts Resist Compression All Leg Panels Have Same Allowable Offset Girt At Foundation ✓ Consider Feed Line Torque Include Angle Block Shear Check Use TIA-222-H Bracing Resist. Exemption Use TIA-222-H Tension Splice Exemption <div style="text-align: center; background-color: #e0e0e0; padding: 2px;">Poles</div> ✓ Include Shear-Torsion Interaction Always Use Sub-Critical Flow Use Top Mounted Sockets Pole Without Linear Attachments Pole With Shroud Or No Appurtenances Outside and Inside Corner Radii Are Known
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Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	168.0000- 163.0000	5.0000	0.00	Round	14.0000	14.0000	0.2500		A53-B-35 (35 ksi)
L2	163.0000- 158.0000	5.0000	0.00	Round	14.0000	14.0000	0.2500		A53-B-35 (35 ksi)
L3	158.0000- 153.0000	5.0000	0.00	18	22.0000	22.8601	0.1875	0.7500	A607-65 (65 ksi)
L4	153.0000- 148.0000	5.0000	0.00	18	22.8601	23.7202	0.1875	0.7500	A607-65 (65 ksi)
L5	148.0000- 143.0000	5.0000	0.00	18	23.7202	24.5804	0.1875	0.7500	A607-65 (65 ksi)
L6	143.0000- 138.0000	5.0000	0.00	18	24.5804	25.4405	0.1875	0.7500	A607-65 (65 ksi)
L7	138.0000- 133.0000	5.0000	0.00	18	25.4405	26.3006	0.1875	0.7500	A607-65 (65 ksi)
L8	133.0000- 128.0000	5.0000	0.00	18	26.3006	27.1607	0.1875	0.7500	A607-65 (65 ksi)
L9	128.0000- 123.0000	5.0000	0.00	18	27.1607	28.0208	0.1875	0.7500	A607-65 (65 ksi)
L10	123.0000- 116.5000	6.5000	3.75	18	28.0208	29.1390	0.1875	0.7500	A607-65 (65 ksi)
L11	116.5000- 115.2500	5.0000	0.00	18	28.1189	28.9790	0.2500	1.0000	A607-65 (65 ksi)
L12	115.2500- 110.2500	5.0000	0.00	18	28.9790	29.8392	0.2500	1.0000	A607-65 (65 ksi)
L13	110.2500- 105.2500	5.0000	0.00	18	29.8392	30.6993	0.2500	1.0000	A607-65 (65 ksi)
L14	105.2500- 100.2500	5.0000	0.00	18	30.6993	31.5595	0.2500	1.0000	A607-65 (65 ksi)
L15	100.2500- 95.2500	5.0000	0.00	18	31.5595	32.4196	0.2500	1.0000	A607-65 (65 ksi)
L16	95.2500- 91.5000	3.7500	0.00	18	32.4196	33.0647	0.2500	1.0000	A607-65 (65 ksi)
L17	91.5000- 91.2500	0.2500	0.00	18	33.0647	33.1077	0.2500	1.0000	A607-65 (65 ksi)
L18	91.2500- 86.2500	5.0000	0.00	18	33.1077	33.9678	0.2500	1.0000	A607-65 (65 ksi)
L19	86.2500- 80.2500	6.0000	4.50	18	33.9678	35.0000	0.2500	1.0000	A607-65 (65 ksi)
L20	80.2500- 79.2500	5.5000	0.00	18	33.7259	34.6720	0.3125	1.2500	A607-65 (65 ksi)
L21	79.2500- 74.2500	5.0000	0.00	18	34.6720	35.5321	0.3125	1.2500	A607-65 (65 ksi)
L22	74.2500- 69.7500	4.5000	0.00	18	35.5321	36.3063	0.3125	1.2500	A607-65 (65 ksi)
L23	69.7500- 69.5000	0.2500	0.00	18	36.3063	36.3493	0.4875	1.9500	A607-65 (65 ksi)
L24	69.5000- 64.5000	5.0000	0.00	18	36.3493	37.2094	0.4875	1.9500	A607-65 (65 ksi)
L25	64.5000- 59.5000	5.0000	0.00	18	37.2094	38.0695	0.4750	1.9000	A607-65 (65 ksi)
L26	59.5000- 54.5000	5.0000	0.00	18	38.0695	38.9296	0.4750	1.9000	A607-65 (65 ksi)
L27	54.5000- 53.7500	0.7500	0.00	18	38.9296	39.0587	0.4750	1.9000	A607-65 (65 ksi)
L28	53.7500- 53.5000	0.2500	0.00	18	39.0587	39.1017	0.4750	1.9000	A607-65 (65 ksi)
L29	53.5000- 48.5000	5.0000	0.00	18	39.1017	39.9618	0.4750	1.9000	A607-65 (65 ksi)
L30	48.5000- 39.7500	8.7500	5.25	18	39.9618	41.4670	0.4688	1.8750	A607-65 (65 ksi)
L31	39.7500- 38.7500	6.2500	0.00	18	39.9389	41.0140	0.3750	1.5000	A607-65 (65 ksi)
L32	38.7500- 33.7500	5.0000	0.00	18	41.0140	41.8742	0.3750	1.5000	A607-65 (65 ksi)
L33	33.7500- 28.7500	5.0000	0.00	18	41.8742	42.7343	0.3750	1.5000	A607-65 (65 ksi)
L34	28.7500- 27.7500	1.0000	0.00	18	42.7343	42.9063	0.3750	1.5000	A607-65 (65 ksi)
L35	27.7500-	0.2500	0.00	18	42.9063	42.9493	0.5750	2.3000	A607-65

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L36	27.5000 27.5000- 22.5000	5.0000	0.00	18	42.9493	43.8094	0.5750	2.3000	(65 ksi) A607-65
L37	22.5000- 17.5000	5.0000	0.00	18	43.8094	44.6696	0.5625	2.2500	(65 ksi) A607-65
L38	17.5000- 12.5000	5.0000	0.00	18	44.6696	45.5297	0.5625	2.2500	(65 ksi) A607-65
L39	12.5000- 8.7500	3.7500	0.00	18	45.5297	46.1748	0.5625	2.2500	(65 ksi) A607-65
L40	8.7500-8.5000	0.2500	0.00	18	46.1748	46.2178	0.5625	2.2500	(65 ksi) A607-65
L41	8.5000-8.2500	0.2500	0.00	18	46.2178	46.2608	0.5625	2.2500	(65 ksi) A607-65
L42	8.2500-8.0000	0.2500	0.00	18	46.2608	46.3038	0.5000	2.0000	(65 ksi) A607-65
L43	8.0000-3.2500	4.7500	0.00	18	46.3038	47.1209	0.5000	2.0000	(65 ksi) A607-65
L44	3.2500-3.0000	0.2500	0.00	18	47.1209	47.1639	0.4125	1.6500	(65 ksi) A607-65
L45	3.0000-0.0000	3.0000		18	47.1639	47.6800	0.4125	1.6500	(65 ksi) A607-65

Tapered Pole Properties

Section	Tip Dia. in	Area in ²	I in ⁴	r in	C in	I/C in ³	J in ⁴	It/Q in ²	w in	w/t
L1	14.0000	10.7992	255.3004	4.8622	7.0000	36.4715	510.6008	5.3964	0.0000	0
L2	14.0000	10.7992	255.3004	4.8622	7.0000	36.4715	510.6008	5.3964	0.0000	0
L3	22.3105	12.9812	780.3007	7.7434	11.1760	69.8193	1561.6281	6.4918	3.5420	18.891
L4	23.1838	13.4930	876.2959	8.0488	11.6129	75.4586	1753.7448	6.7478	3.6934	19.698
L5	24.0572	14.0049	979.8581	8.3541	12.0499	81.3168	1961.0055	7.0038	3.8448	20.505
L6	24.9306	14.5168	1091.2741	8.6595	12.4868	87.3941	2183.9842	7.2598	3.9961	21.313
L7	25.8040	15.0287	1210.8313	8.9648	12.9238	93.6903	2423.2559	7.5158	4.1475	22.12
L8	26.6774	15.5406	1338.8165	9.2702	13.3607	100.2055	2679.3946	7.7718	4.2989	22.927
L9	27.5508	16.0524	1475.5169	9.5755	13.7976	106.9397	2952.9752	8.0277	4.4503	23.735
L10	28.4242	16.5643	1621.2193	9.8808	14.2346	113.8930	3244.5718	8.2837	4.6017	24.542
L11	29.2985	17.0762	1778.2193	10.1888	14.7214	121.4731	3551.5267	8.6165	4.7985	25.592
L12	30.1692	17.5881	1937.1030	10.5042	15.2114	130.1297	3907.3338	8.9117	4.9889	26.536
L13	31.0400	18.1000	2108.0676	10.8095	15.6953	139.4783	4315.5252	9.1741	5.1847	27.570
L14	31.9107	18.6119	2290.2000	11.1149	16.1782	149.4783	4787.1241	9.4311	5.3801	28.604
L15	32.7814	19.1238	2483.8825	11.4202	16.6617	160.1189	5323.8135	9.6875	5.5755	29.638
L16	33.6521	19.6357	2689.4979	11.7257	17.1462	171.4478	5977.3873	9.9439	5.7709	30.672
L17	34.5228	20.1476	2907.3333	12.0306	17.6299	183.4478	6751.3276	10.1993	5.9663	31.706
L18	35.3935	20.6595	3137.2793	12.3355	18.1134	196.1189	7667.2380	10.4547	6.1517	32.740
L19	36.2642	21.1714	3379.9388	12.6404	18.5969	209.4783	8727.9341	10.7091	6.3371	33.774
L20	37.1349	21.6833	3634.7704	12.9453	19.0804	223.4783	9955.8900	10.9635	6.5225	34.808

Section	Tip Dia. in	Area in ²	I in ⁴	r in	C in	I/C in ³	J in ⁴	It/Q in ²	w in	w/t
	35.1587	34.0803	5083.1798	12.1976	17.6134	288.5976	10173.048	17.0434	5.5523	17.767
L21	35.1587	34.0803	5083.1798	12.1976	17.6134	288.5976	10173.048	17.0434	5.5523	17.767
	36.0321	34.9335	5474.5584	12.5030	18.0503	303.2941	10956.320	17.4701	5.7037	18.252
L22	36.0321	34.9335	5474.5584	12.5030	18.0503	303.2941	10956.320	17.4701	5.7037	18.252
	36.8181	35.7013	5843.5364	12.7778	18.4436	316.8332	11694.761	17.8540	5.8399	18.688
L23	36.7911	55.4233	8983.5987	12.7157	18.4436	487.0855	17979.018	27.7169	5.5319	11.347
	36.8348	55.4898	9015.9962	12.7309	18.4654	488.2637	18043.855	27.7502	5.5395	11.363
L24	36.8348	55.4898	9015.9962	12.7309	18.4654	488.2637	18043.855	27.7502	5.5395	11.363
	37.7082	56.8207	9680.4115	13.0363	18.9024	512.1270	19373.560	28.4157	5.6909	11.674
L25	37.7101	55.3826	9441.8312	13.0407	18.9024	499.5052	18896.086	27.6966	5.7129	12.027
	38.5835	56.6794	10120.714	13.3460	19.3393	523.3235	20254.745	28.3451	5.8642	12.346
L26	38.5835	56.6794	10120.714	13.3460	19.3393	523.3235	20254.745	28.3451	5.8642	12.346
	39.4569	57.9761	10831.384	13.6514	19.7763	547.6965	21677.020	28.9936	6.0156	12.664
L27	39.4569	57.9761	10831.384	13.6514	19.7763	547.6965	21677.020	28.9936	6.0156	12.664
	39.5879	58.1706	10940.771	13.6972	19.8418	551.4003	21895.939	29.0908	6.0383	12.712
L28	39.5879	58.1706	10940.771	13.6972	19.8418	551.4003	21895.939	29.0908	6.0383	12.712
	39.6316	58.2355	10977.396	13.7125	19.8636	552.6377	21969.237	29.1233	6.0459	12.728
L29	39.6316	58.2355	10977.396	13.7125	19.8636	552.6377	21969.237	29.1233	6.0459	12.728
	40.5050	59.5322	11727.169	14.0178	20.3006	577.6764	23469.770	29.7718	6.1973	13.047
L30	40.5059	58.7582	11578.361	14.0200	20.3006	570.3462	23171.957	29.3847	6.2083	13.244
	42.0344	60.9977	12953.335	14.5544	21.0652	614.9153	25923.715	30.5047	6.4732	13.809
L31	41.4142	47.0909	9312.6205	14.0452	20.2889	458.9997	18637.494	23.5499	6.3692	16.985
	41.5889	48.3706	10092.657	14.4269	20.8351	484.4059	20198.594	24.1899	6.5585	17.489
L32	41.5889	48.3706	10092.657	14.4269	20.8351	484.4059	20198.594	24.1899	6.5585	17.489
	42.4623	49.3944	10747.149	14.7322	21.2721	505.2235	21508.441	24.7019	6.7099	17.893
L33	42.4623	49.3944	10747.149	14.7322	21.2721	505.2235	21508.441	24.7019	6.7099	17.893
	43.3357	50.4181	11429.342	15.0375	21.7090	526.4792	22873.724	25.2139	6.8612	18.297
L34	43.3357	50.4181	11429.342	15.0375	21.7090	526.4792	22873.724	25.2139	6.8612	18.297
	43.5104	50.6229	11569.156	15.0986	21.7964	530.7829	23153.536	25.3163	6.8915	18.377
L35	43.4795	77.2567	17490.294	15.0276	21.7964	802.4395	35003.603	38.6357	6.5395	11.373
	43.5232	77.3352	17543.656	15.0429	21.8182	804.0818	35110.396	38.6750	6.5471	11.386
L36	43.5232	77.3352	17543.656	15.0429	21.8182	804.0818	35110.396	38.6750	6.5471	11.386
	44.3966	78.9050	18633.806	15.3482	22.2552	837.2790	37292.131	39.4600	6.6985	11.649
L37	44.3985	77.2120	18244.539	15.3527	22.2552	819.7880	36513.085	38.6133	6.7205	11.947
	45.2719	78.7476	19354.913	15.6580	22.6921	852.9348	38735.294	39.3813	6.8718	12.217

Section	Tip Dia. in	Area in ²	I in ⁴	r in	C in	I/C in ³	J in ⁴	It/Q in ²	w in	w/t
L38	45.2719	78.7476	19354.913 3	15.6580	22.6921	852.9348	38735.294 3	39.3813	6.8718	12.217
	46.1453	80.2833	20509.450 8	15.9634	23.1291	886.7387	41045.888 5	40.1493	7.0232	12.486
L39	46.1453	80.2833	20509.450 8	15.9634	23.1291	886.7387	41045.888 5	40.1493	7.0232	12.486
	46.8003	81.4350	21404.852 7	16.1924	23.4568	912.5227	42837.870 5	40.7253	7.1368	12.688
L40	46.8003	81.4350	21404.852 7	16.1924	23.4568	912.5227	42837.870 5	40.7253	7.1368	12.688
	46.8440	81.5118	21465.455 2	16.2076	23.4786	914.2548	42959.155 2	40.7636	7.1443	12.701
L41	46.8440	81.5118	21465.455 2	16.2076	23.4786	914.2548	42959.155 2	40.7636	7.1443	12.701
	46.8877	81.5886	21526.173 3	16.2229	23.5005	915.9886	43080.671 4	40.8020	7.1519	12.714
L42	46.8973	72.6224	19212.992 0	16.2451	23.5005	817.5573	38451.265 0	36.3181	7.2619	14.524
	46.9410	72.6906	19267.212 1	16.2603	23.5223	819.1030	38559.776 4	36.3522	7.2695	14.539
L43	46.9410	72.6906	19267.212 1	16.2603	23.5223	819.1030	38559.776 4	36.3522	7.2695	14.539
	47.7707	73.9874	20316.871 8	16.5504	23.9374	848.7492	40660.477 0	37.0007	7.4133	14.827
L44	47.7842	61.1542	16855.971 9	16.5815	23.9374	704.1681	33734.123 4	30.5829	7.5673	18.345
	47.8279	61.2105	16902.575 5	16.5968	23.9593	705.4711	33827.391 8	30.6111	7.5749	18.363
L45	47.8279	61.2105	16902.575 5	16.5968	23.9593	705.4711	33827.391 8	30.6111	7.5749	18.363
	48.3519	61.8862	17468.524 5	16.7800	24.2214	721.2009	34960.034 6	30.9490	7.6657	18.583

Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor A _r	Adjust. Factor A _r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals	Double Angle Stitch Bolt Spacing Horizontals	Double Angle Stitch Bolt Spacing Redundants
ft	ft ²	in					in	in	in
L1 168.0000- 163.0000				1	1	1			
L2 163.0000- 158.0000				1	1	1			
L3 158.0000- 153.0000				1	1	1			
L4 153.0000- 148.0000				1	1	1			
L5 148.0000- 143.0000				1	1	1			
L6 143.0000- 138.0000				1	1	1			
L7 138.0000- 133.0000				1	1	1			
L8 133.0000- 128.0000				1	1	1			
L9 128.0000- 123.0000				1	1	1			
L10 123.0000- 116.5000				1	1	1			
L11 116.5000- 115.2500				1	1	1			
L12 115.2500- 110.2500				1	1	1			
L13 110.2500- 105.2500				1	1	1			
L14				1	1	1			

Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor A_r	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
ft	ft ²	in							
105.2500-100.2500 L15				1	1	1			
100.2500-95.2500 L16				1	1	1			
95.2500-91.5000 L17				1	1	1			
91.5000-91.2500 L18				1	1	1			
91.2500-86.2500 L19				1	1	1			
86.2500-80.2500 L20				1	1	1			
80.2500-79.2500 L21				1	1	1			
79.2500-74.2500 L22				1	1	1			
74.2500-69.7500 L23				1	1	0.968549			
69.7500-69.5000 L24				1	1	0.960878			
69.5000-64.5000 L25				1	1	0.978326			
64.5000-59.5000 L26				1	1	0.971159			
59.5000-54.5000 L27				1	1	0.970111			
54.5000-53.7500 L28				1	1	0.969764			
53.7500-53.5000 L29				1	1	0.96297			
53.5000-48.5000 L30				1	1	0.971015			
48.5000-39.7500 L31				1	1	1			
39.7500-38.7500 L32				1	1	1			
38.7500-33.7500 L33				1	1	1			
33.7500-28.7500 L34				1	1	1			
28.7500-27.7500 L35				1	1	0.97045			
27.7500-27.5000 L36				1	1	0.964118			
27.5000-22.5000 L37				1	1	0.979045			
22.5000-17.5000 L38				1	1	0.97307			
17.5000-12.5000 L39				1	1	0.968736			
12.5000-8.7500 L40				1	1	0.968452			
8.7500-8.5000 L41				1	1	0.968168			
8.5000-8.2500 L42				1	1	0.975605			
8.2500-8.0000 L43				1	1	0.971651			
8.0000-3.2500 L44				1	1	1.10383			
3.2500-3.0000 L45				1	1	1.1017			
3.0000-0.0000									

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
561(1-5/8)	B	No	Surface Ar (CaAa)	166.0000 - 0.0000	12	6	-0.350 -0.150	1.6250		1.35

LCF158-50JL(1-5/8)	A	No	Surface Ar (CaAa)	102.0000 - 0.0000	6	6	-0.500 -0.300	1.9800		0.52

(Area) CCI-65FP-065125 (H)	C	No	Surface Af (CaAa)	30.5000 - 0.0000	1	1	0.000 0.000	6.5000	15.5000	0.00
(Area) CCI-65FP-065125 (H)	B	No	Surface Af (CaAa)	30.5000 - 0.0000	1	1	0.000 0.000	6.5000	15.5000	0.00
(Area) CCI-65FP-065125 (H)	A	No	Surface Af (CaAa)	30.5000 - 0.0000	1	1	0.000 0.000	6.5000	15.5000	0.00
(Area) CCI-65FP-060100 (H)	C	No	Surface Af (CaAa)	55.7500 - 25.7500	1	1	-0.170 -0.170	6.0000	14.0000	0.00
(Area) CCI-65FP-060100 (H)	B	No	Surface Af (CaAa)	55.7500 - 25.7500	1	1	-0.170 -0.170	6.0000	14.0000	0.00
(Area) CCI-65FP-060100 (H)	A	No	Surface Af (CaAa)	55.7500 - 25.7500	1	1	-0.170 -0.170	6.0000	14.0000	0.00
(Area) CCI-65FP-060100 (H)	C	No	Surface Af (CaAa)	71.7500 - 51.7500	1	1	0.000 0.000	6.0000	14.0000	0.00
(Area) CCI-65FP-060100 (H)	B	No	Surface Af (CaAa)	71.7500 - 51.7500	1	1	0.000 0.000	6.0000	14.0000	0.00
(Area) CCI-65FP-060100 (H)	A	No	Surface Af (CaAa)	71.7500 - 51.7500	1	1	0.000 0.000	6.0000	14.0000	0.00
(Area) CCI-65FP-045100 (H)	C	No	Surface Af (CaAa)	93.0000 - 83.0000	1	1	0.000 0.000	4.5000	11.0000	0.00
(Area) CCI-65FP-045100 (H)	B	No	Surface Af (CaAa)	93.0000 - 83.0000	1	1	0.000 0.000	4.5000	11.0000	0.00
(Area) CCI-65FP-045100 (H)	A	No	Surface Af (CaAa)	93.0000 - 83.0000	1	1	0.000 0.000	4.5000	11.0000	0.00

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	CAAA	Weight plf	
							ft ² /ft		

HB158-21U6S24-xxM_TMO(1-5/8)	C	No	No	Inside Pole	157.0000 - 0.0000	3	No Ice 1/2" Ice 1" Ice 2" Ice	0.0000 0.0000 0.0000 0.0000	2.50 2.50 2.50 2.50

LDF7-50A(1-5/8")	C	No	No	Inside Pole	145.0000 - 0.0000	7	No Ice 1/2" Ice 1" Ice 2" Ice	0.0000 0.0000 0.0000 0.0000	0.82 0.82 0.82 0.82

LDF7-50A(1-5/8")	C	No	No	Inside Pole	120.0000 - 0.0000	12	No Ice 1/2" Ice 1" Ice 2" Ice	0.0000 0.0000 0.0000 0.0000	0.82 0.82 0.82 0.82
FB-L98B-002-75000(3/8)	C	No	No	Inside Pole	120.0000 - 0.0000	1	No Ice 1/2" Ice 1" Ice 2" Ice	0.0000 0.0000 0.0000 0.0000	0.06 0.06 0.06 0.06
WR-VG122ST-BRDA(7/16)	C	No	No	Inside Pole	120.0000 - 0.0000	2	No Ice 1/2" Ice 1" Ice 2" Ice	0.0000 0.0000 0.0000 0.0000	0.14 0.14 0.14 0.14

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C _{AA} ft ² /ft	Weight plf
2" Flexible Conduit	C	No	No	Inside Pole	120.0000 - 0.0000	1	No Ice	0.0000	0.34
							1/2" Ice	0.0000	0.34
							1" Ice	0.0000	0.34
							2" Ice	0.0000	0.34

LDF4-50A(1/2")	A	No	No	Inside Pole	74.0000 - 0.0000	1	No Ice	0.0000	0.15
							1/2" Ice	0.0000	0.15
							1" Ice	0.0000	0.15
							2" Ice	0.0000	0.15
**									
CU12PSM9P6XXX (1-1/2)	C	No	No	Inside Pole	130.0000 - 0.0000	1	No Ice	0.0000	2.35
							1/2" Ice	0.0000	2.35
							1" Ice	0.0000	2.35
							2" Ice	0.0000	2.35

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _{AA} In Face ft ²	C _{AA} Out Face ft ²	Weight K
L1	168.0000-163.0000	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	2.925	0.000	0.05
		C	0.000	0.000	0.000	0.000	0.00
L2	163.0000-158.0000	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	4.875	0.000	0.08
		C	0.000	0.000	0.000	0.000	0.00
L3	158.0000-153.0000	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	4.875	0.000	0.08
		C	0.000	0.000	0.000	0.000	0.03
L4	153.0000-148.0000	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	4.875	0.000	0.08
		C	0.000	0.000	0.000	0.000	0.04
L5	148.0000-143.0000	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	4.875	0.000	0.08
		C	0.000	0.000	0.000	0.000	0.05
L6	143.0000-138.0000	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	4.875	0.000	0.08
		C	0.000	0.000	0.000	0.000	0.07
L7	138.0000-133.0000	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	4.875	0.000	0.08
		C	0.000	0.000	0.000	0.000	0.07
L8	133.0000-128.0000	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	4.875	0.000	0.08
		C	0.000	0.000	0.000	0.000	0.07
L9	128.0000-123.0000	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	4.875	0.000	0.08
		C	0.000	0.000	0.000	0.000	0.08
L10	123.0000-116.5000	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	6.338	0.000	0.11
		C	0.000	0.000	0.000	0.000	0.14
L11	116.5000-115.2500	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	1.219	0.000	0.02
		C	0.000	0.000	0.000	0.000	0.03
L12	115.2500-110.2500	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	4.875	0.000	0.08
		C	0.000	0.000	0.000	0.000	0.13
L13	110.2500-105.2500	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	4.875	0.000	0.08
		C	0.000	0.000	0.000	0.000	0.13
L14	105.2500-100.2500	A	0.000	0.000	2.079	0.000	0.01
		B	0.000	0.000	4.875	0.000	0.08

Tower Sectio n	Tower Elevation ft	Face	A_R	A_F	C_{AA}	C_{AA}	Weight K
			ft ²	ft ²	In Face ft ²	Out Face ft ²	
L15	100.2500- 95.2500	C	0.000	0.000	0.000	0.000	0.13
		A	0.000	0.000	5.940	0.000	0.02
		B	0.000	0.000	4.875	0.000	0.08
L16	95.2500-91.5000	C	0.000	0.000	0.000	0.000	0.13
		A	0.000	0.000	5.580	0.000	0.01
		B	0.000	0.000	4.781	0.000	0.06
L17	91.5000-91.2500	C	0.000	0.000	1.125	0.000	0.10
		A	0.000	0.000	0.484	0.000	0.00
		B	0.000	0.000	0.431	0.000	0.00
L18	91.2500-86.2500	C	0.000	0.000	0.188	0.000	0.01
		A	0.000	0.000	9.690	0.000	0.02
		B	0.000	0.000	8.625	0.000	0.08
L19	86.2500-80.2500	C	0.000	0.000	3.750	0.000	0.13
		A	0.000	0.000	9.566	0.000	0.02
		B	0.000	0.000	8.287	0.000	0.10
L20	80.2500-79.2500	C	0.000	0.000	2.438	0.000	0.16
		A	0.000	0.000	1.188	0.000	0.00
		B	0.000	0.000	0.975	0.000	0.02
L21	79.2500-74.2500	C	0.000	0.000	0.000	0.000	0.03
		A	0.000	0.000	5.940	0.000	0.02
		B	0.000	0.000	4.875	0.000	0.08
L22	74.2500-69.7500	C	0.000	0.000	0.000	0.000	0.13
		A	0.000	0.000	7.346	0.000	0.01
		B	0.000	0.000	6.388	0.000	0.07
L23	69.7500-69.5000	C	0.000	0.000	2.000	0.000	0.12
		A	0.000	0.000	0.547	0.000	0.00
		B	0.000	0.000	0.494	0.000	0.00
L24	69.5000-64.5000	C	0.000	0.000	0.250	0.000	0.01
		A	0.000	0.000	10.940	0.000	0.02
		B	0.000	0.000	9.875	0.000	0.08
L25	64.5000-59.5000	C	0.000	0.000	5.000	0.000	0.13
		A	0.000	0.000	10.940	0.000	0.02
		B	0.000	0.000	9.875	0.000	0.08
L26	59.5000-54.5000	C	0.000	0.000	5.000	0.000	0.13
		A	0.000	0.000	12.190	0.000	0.02
		B	0.000	0.000	11.125	0.000	0.08
L27	54.5000-53.7500	C	0.000	0.000	6.250	0.000	0.13
		A	0.000	0.000	2.391	0.000	0.00
		B	0.000	0.000	2.231	0.000	0.01
L28	53.7500-53.5000	C	0.000	0.000	1.500	0.000	0.02
		A	0.000	0.000	0.797	0.000	0.00
		B	0.000	0.000	0.744	0.000	0.00
L29	53.5000-48.5000	C	0.000	0.000	0.500	0.000	0.01
		A	0.000	0.000	12.690	0.000	0.02
		B	0.000	0.000	11.625	0.000	0.08
L30	48.5000-39.7500	C	0.000	0.000	6.750	0.000	0.13
		A	0.000	0.000	19.145	0.000	0.03
		B	0.000	0.000	17.281	0.000	0.14
L31	39.7500-38.7500	C	0.000	0.000	8.750	0.000	0.23
		A	0.000	0.000	2.188	0.000	0.00
		B	0.000	0.000	1.975	0.000	0.02
L32	38.7500-33.7500	C	0.000	0.000	1.000	0.000	0.03
		A	0.000	0.000	10.940	0.000	0.02
		B	0.000	0.000	9.875	0.000	0.08
L33	33.7500-28.7500	C	0.000	0.000	5.000	0.000	0.13
		A	0.000	0.000	12.836	0.000	0.02
		B	0.000	0.000	11.771	0.000	0.08
L34	28.7500-27.7500	C	0.000	0.000	6.896	0.000	0.13
		A	0.000	0.000	3.271	0.000	0.00
		B	0.000	0.000	3.058	0.000	0.02
L35	27.7500-27.5000	C	0.000	0.000	2.083	0.000	0.03
		A	0.000	0.000	0.818	0.000	0.00
		B	0.000	0.000	0.765	0.000	0.00
L36	27.5000-22.5000	C	0.000	0.000	0.521	0.000	0.01
		A	0.000	0.000	13.107	0.000	0.02
		B	0.000	0.000	12.042	0.000	0.08
L37	22.5000-17.5000	C	0.000	0.000	7.167	0.000	0.13
		A	0.000	0.000	11.357	0.000	0.02
		B	0.000	0.000	10.292	0.000	0.08

Tower Section	Tower Elevation	Face	A _R	A _F	C _A A _A In Face	C _A A _A Out Face	Weight
n	ft		ft ²	ft ²	ft ²	ft ²	K
L38	17.5000-12.5000	C	0.000	0.000	5.417	0.000	0.13
		A	0.000	0.000	11.357	0.000	0.02
		B	0.000	0.000	10.292	0.000	0.08
L39	12.5000-8.7500	C	0.000	0.000	5.417	0.000	0.13
		A	0.000	0.000	8.518	0.000	0.01
		B	0.000	0.000	7.719	0.000	0.06
L40	8.7500-8.5000	C	0.000	0.000	4.063	0.000	0.10
		A	0.000	0.000	0.568	0.000	0.00
		B	0.000	0.000	0.515	0.000	0.00
L41	8.5000-8.2500	C	0.000	0.000	0.271	0.000	0.01
		A	0.000	0.000	0.568	0.000	0.00
		B	0.000	0.000	0.515	0.000	0.00
L42	8.2500-8.0000	C	0.000	0.000	0.271	0.000	0.01
		A	0.000	0.000	0.568	0.000	0.00
		B	0.000	0.000	0.515	0.000	0.00
L43	8.0000-3.2500	C	0.000	0.000	0.271	0.000	0.01
		A	0.000	0.000	10.789	0.000	0.02
		B	0.000	0.000	9.777	0.000	0.08
L44	3.2500-3.0000	C	0.000	0.000	5.146	0.000	0.12
		A	0.000	0.000	0.568	0.000	0.00
		B	0.000	0.000	0.515	0.000	0.00
L45	3.0000-0.0000	C	0.000	0.000	0.271	0.000	0.01
		A	0.000	0.000	6.814	0.000	0.01
		B	0.000	0.000	6.175	0.000	0.05
		C	0.000	0.000	3.250	0.000	0.08

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation	Face or Leg	Ice Thickness	A _R	A _F	C _A A _A In Face	C _A A _A Out Face	Weight
n	ft		in	ft ²	ft ²	ft ²	ft ²	K
L1	168.0000-163.0000	A	1.498	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	4.780	0.000	0.11
		C		0.000	0.000	0.000	0.000	0.00
L2	163.0000-158.0000	A	1.494	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	7.961	0.000	0.18
		C		0.000	0.000	0.000	0.000	0.00
L3	158.0000-153.0000	A	1.489	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	7.955	0.000	0.18
		C		0.000	0.000	0.000	0.000	0.03
L4	153.0000-148.0000	A	1.484	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	7.949	0.000	0.18
		C		0.000	0.000	0.000	0.000	0.04
L5	148.0000-143.0000	A	1.479	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	7.942	0.000	0.18
		C		0.000	0.000	0.000	0.000	0.05
L6	143.0000-138.0000	A	1.474	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	7.936	0.000	0.18
		C		0.000	0.000	0.000	0.000	0.07
L7	138.0000-133.0000	A	1.468	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	7.929	0.000	0.18
		C		0.000	0.000	0.000	0.000	0.07
L8	133.0000-128.0000	A	1.463	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	7.922	0.000	0.18
		C		0.000	0.000	0.000	0.000	0.07
L9	128.0000-123.0000	A	1.457	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	7.915	0.000	0.18
		C		0.000	0.000	0.000	0.000	0.08
L10	123.0000-116.5000	A	1.450	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	10.279	0.000	0.23
		C		0.000	0.000	0.000	0.000	0.14
L11	116.5000-115.2500	A	1.446	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	1.977	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.03
L12	115.2500-110.2500	A	1.442	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	7.896	0.000	0.17

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
		C		0.000	0.000	0.000	0.000	0.13
L13	110.2500-105.2500	A	1.435	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	7.888	0.000	0.17
		C		0.000	0.000	0.000	0.000	0.13
L14	105.2500-100.2500	A	1.428	0.000	0.000	3.224	0.000	0.04
		B		0.000	0.000	7.879	0.000	0.17
		C		0.000	0.000	0.000	0.000	0.13
L15	100.2500-95.2500	A	1.421	0.000	0.000	9.202	0.000	0.11
		B		0.000	0.000	7.870	0.000	0.17
		C		0.000	0.000	0.000	0.000	0.13
L16	95.2500-91.5000	A	1.415	0.000	0.000	8.261	0.000	0.09
		B		0.000	0.000	7.262	0.000	0.14
		C		0.000	0.000	1.366	0.000	0.11
L17	91.5000-91.2500	A	1.412	0.000	0.000	0.687	0.000	0.01
		B		0.000	0.000	0.620	0.000	0.01
		C		0.000	0.000	0.228	0.000	0.01
L18	91.2500-86.2500	A	1.408	0.000	0.000	13.733	0.000	0.15
		B		0.000	0.000	12.402	0.000	0.22
		C		0.000	0.000	4.549	0.000	0.18
L19	86.2500-80.2500	A	1.399	0.000	0.000	13.962	0.000	0.16
		B		0.000	0.000	12.364	0.000	0.24
		C		0.000	0.000	2.954	0.000	0.19
L20	80.2500-79.2500	A	1.393	0.000	0.000	1.835	0.000	0.02
		B		0.000	0.000	1.568	0.000	0.03
		C		0.000	0.000	0.000	0.000	0.03
L21	79.2500-74.2500	A	1.387	0.000	0.000	9.159	0.000	0.11
		B		0.000	0.000	7.828	0.000	0.17
		C		0.000	0.000	0.000	0.000	0.13
L22	74.2500-69.7500	A	1.378	0.000	0.000	10.785	0.000	0.12
		B		0.000	0.000	9.586	0.000	0.17
		C		0.000	0.000	2.551	0.000	0.14
L23	69.7500-69.5000	A	1.374	0.000	0.000	0.776	0.000	0.01
		B		0.000	0.000	0.709	0.000	0.01
		C		0.000	0.000	0.319	0.000	0.01
L24	69.5000-64.5000	A	1.369	0.000	0.000	15.504	0.000	0.16
		B		0.000	0.000	14.173	0.000	0.22
		C		0.000	0.000	6.369	0.000	0.18
L25	64.5000-59.5000	A	1.358	0.000	0.000	15.480	0.000	0.16
		B		0.000	0.000	14.149	0.000	0.22
		C		0.000	0.000	6.358	0.000	0.18
L26	59.5000-54.5000	A	1.347	0.000	0.000	17.042	0.000	0.17
		B		0.000	0.000	15.710	0.000	0.23
		C		0.000	0.000	7.933	0.000	0.19
L27	54.5000-53.7500	A	1.340	0.000	0.000	3.267	0.000	0.03
		B		0.000	0.000	3.067	0.000	0.04
		C		0.000	0.000	1.902	0.000	0.03
L28	53.7500-53.5000	A	1.338	0.000	0.000	1.089	0.000	0.01
		B		0.000	0.000	1.022	0.000	0.01
		C		0.000	0.000	0.634	0.000	0.01
L29	53.5000-48.5000	A	1.332	0.000	0.000	17.637	0.000	0.17
		B		0.000	0.000	16.306	0.000	0.23
		C		0.000	0.000	8.548	0.000	0.20
L30	48.5000-39.7500	A	1.313	0.000	0.000	26.912	0.000	0.26
		B		0.000	0.000	24.582	0.000	0.38
		C		0.000	0.000	11.047	0.000	0.31
L31	39.7500-38.7500	A	1.297	0.000	0.000	3.076	0.000	0.03
		B		0.000	0.000	2.809	0.000	0.04
		C		0.000	0.000	1.263	0.000	0.04
L32	38.7500-33.7500	A	1.287	0.000	0.000	15.321	0.000	0.15
		B		0.000	0.000	13.990	0.000	0.21
		C		0.000	0.000	6.287	0.000	0.18
L33	33.7500-28.7500	A	1.268	0.000	0.000	17.618	0.000	0.16
		B		0.000	0.000	16.286	0.000	0.23
		C		0.000	0.000	8.608	0.000	0.19
L34	28.7500-27.7500	A	1.255	0.000	0.000	4.384	0.000	0.04
		B		0.000	0.000	4.118	0.000	0.05
		C		0.000	0.000	2.585	0.000	0.05
L35	27.7500-27.5000	A	1.253	0.000	0.000	1.096	0.000	0.01
		B		0.000	0.000	1.029	0.000	0.01

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
L36	27.5000-22.5000	C	1.240	0.000	0.000	0.646	0.000	0.01
		A		0.000	0.000	17.816	0.000	0.16
		B		0.000	0.000	16.485	0.000	0.23
L37	22.5000-17.5000	C	1.213	0.000	0.000	8.841	0.000	0.20
		A		0.000	0.000	15.570	0.000	0.14
		B		0.000	0.000	14.239	0.000	0.21
L38	17.5000-12.5000	C	1.178	0.000	0.000	6.629	0.000	0.18
		A		0.000	0.000	15.493	0.000	0.14
		B		0.000	0.000	14.162	0.000	0.20
L39	12.5000-8.7500	C	1.138	0.000	0.000	6.595	0.000	0.18
		A		0.000	0.000	11.552	0.000	0.10
		B		0.000	0.000	10.554	0.000	0.15
L40	8.7500-8.5000	C	1.115	0.000	0.000	4.916	0.000	0.13
		A		0.000	0.000	0.768	0.000	0.01
		B		0.000	0.000	0.701	0.000	0.01
L41	8.5000-8.2500	C	1.112	0.000	0.000	0.327	0.000	0.01
		A		0.000	0.000	0.767	0.000	0.01
		B		0.000	0.000	0.701	0.000	0.01
L42	8.2500-8.0000	C	1.108	0.000	0.000	0.326	0.000	0.01
		A		0.000	0.000	0.767	0.000	0.01
		B		0.000	0.000	0.700	0.000	0.01
L43	8.0000-3.2500	C	1.068	0.000	0.000	0.326	0.000	0.01
		A		0.000	0.000	14.483	0.000	0.12
		B		0.000	0.000	13.218	0.000	0.18
L44	3.2500-3.0000	C	1.007	0.000	0.000	6.161	0.000	0.16
		A		0.000	0.000	0.755	0.000	0.01
		B		0.000	0.000	0.689	0.000	0.01
L45	3.0000-0.0000	C	0.936	0.000	0.000	0.321	0.000	0.01
		A		0.000	0.000	8.968	0.000	0.07
		B		0.000	0.000	8.170	0.000	0.11
		C		0.000	0.000	3.811	0.000	0.10

Feed Line Center of Pressure

Section	Elevation ft	CP _x in	CP _z in	CP _x Ice in	CP _z Ice in
L1	168.0000-163.0000	1.9633	-3.4005	1.3732	-2.3785
L2	163.0000-158.0000	2.5103	-4.3479	1.7754	-3.0751
L3	158.0000-153.0000	2.6537	-4.5963	2.1554	-3.7333
L4	153.0000-148.0000	2.6822	-4.6457	2.1872	-3.7883
L5	148.0000-143.0000	2.7094	-4.6928	2.2177	-3.8412
L6	143.0000-138.0000	2.7355	-4.7380	2.2471	-3.8921
L7	138.0000-133.0000	2.7605	-4.7813	2.2754	-3.9412
L8	133.0000-128.0000	2.7845	-4.8229	2.3027	-3.9884
L9	128.0000-123.0000	2.8076	-4.8628	2.3290	-4.0340
L10	123.0000-116.5000	2.8330	-4.9068	2.3581	-4.0843
L11	116.5000-115.2500	2.8408	-4.9205	2.3674	-4.1005
L12	115.2500-110.2500	2.8540	-4.9433	2.3818	-4.1253
L13	110.2500-105.2500	2.8744	-4.9786	2.4052	-4.1659
L14	105.2500-100.2500	0.5370	-3.7355	0.5140	-3.1286

Section	Elevation	CP _x	CP _z	CP _x	CP _z
	ft	in	in	Ice in	Ice in
L15	100.2500-95.2500	-2.5626	-2.0892	-1.9570	-1.7719
L16	95.2500-91.5000	-2.1330	-1.7355	-1.7495	-1.5803
L17	91.5000-91.2500	-1.6970	-1.3795	-1.4971	-1.3508
L18	91.2500-86.2500	-1.7120	-1.3902	-1.5107	-1.3613
L19	86.2500-80.2500	-2.0695	-1.6767	-1.7351	-1.5590
L20	80.2500-79.2500	-2.6614	-2.1557	-2.0466	-1.8385
L21	79.2500-74.2500	-2.6801	-2.1683	-2.0637	-1.8504
L22	74.2500-69.7500	-2.0768	-1.6771	-1.7400	-1.5566
L23	69.7500-69.5000	-1.6203	-1.3074	-1.4503	-1.2959
L24	69.5000-64.5000	-1.6337	-1.3169	-1.4626	-1.3052
L25	64.5000-59.5000	-1.6590	-1.3350	-1.4859	-1.3228
L26	59.5000-54.5000	-1.5316	-1.2304	-1.4019	-1.2452
L27	54.5000-53.7500	-1.2161	-0.9760	-1.1672	-1.0353
L28	53.7500-53.5000	-1.2181	-0.9775	-1.1692	-1.0368
L29	53.5000-48.5000	-1.5055	-1.2071	-1.3890	-1.2302
L30	48.5000-39.7500	-1.7466	-1.3976	-1.5667	-1.3831
L31	39.7500-38.7500	-1.7524	-1.4016	-1.5722	-1.3875
L32	38.7500-33.7500	-1.7666	-1.4118	-1.5856	-1.3959
L33	33.7500-28.7500	-1.5615	-1.2462	-1.4477	-1.2713
L34	28.7500-27.7500	-1.2736	-1.0156	-1.2334	-1.0813
L35	27.7500-27.5000	-1.2762	-1.0175	-1.2359	-1.0832
L36	27.5000-22.5000	-1.5605	-1.2433	-1.4569	-1.2750
L37	22.5000-17.5000	-1.7855	-1.4208	-1.6245	-1.4174
L38	17.5000-12.5000	-1.8077	-1.4366	-1.6454	-1.4308
L39	12.5000-8.7500	-1.8268	-1.4503	-1.6637	-1.4416
L40	8.7500-8.5000	-1.8355	-1.4565	-1.6722	-1.4460
L41	8.5000-8.2500	-1.8366	-1.4573	-1.6732	-1.4466
L42	8.2500-8.0000	-1.8375	-1.4579	-1.6742	-1.4470
L43	8.0000-3.2500	-1.8483	-1.4656	-1.6849	-1.4517
L44	3.2500-3.0000	-1.8588	-1.4731	-1.6960	-1.4546
L45	3.0000-0.0000	-1.8657	-1.4781	-1.7041	-1.4540

Note: For pole sections, center of pressure calculations do not consider feed line shielding.

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
L1	1	561(1-5/8)	163.00 - 166.00	1.0000	1.0000
L2	1	561(1-5/8)	158.00 - 163.00	1.0000	1.0000
L3	1	561(1-5/8)	153.00 - 158.00	1.0000	1.0000
L4	1	561(1-5/8)	148.00 - 153.00	1.0000	1.0000
L5	1	561(1-5/8)	143.00 - 148.00	1.0000	1.0000
L6	1	561(1-5/8)	138.00 - 143.00	1.0000	1.0000
L7	1	561(1-5/8)	133.00 - 138.00	1.0000	1.0000
L8	1	561(1-5/8)	128.00 - 133.00	1.0000	1.0000
L9	1	561(1-5/8)	123.00 - 128.00	1.0000	1.0000
L10	1	561(1-5/8)	116.50 - 123.00	1.0000	1.0000
L11	1	561(1-5/8)	115.25 - 116.50	1.0000	1.0000
L12	1	561(1-5/8)	110.25 -	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
L13	1	561(1-5/8)	115.25 105.25 - 110.25	1.0000	1.0000
L14	1	561(1-5/8)	100.25 - 105.25	1.0000	1.0000
L14	14	LCF158-50JL(1-5/8)	100.25 - 102.00	1.0000	1.0000
L15	1	561(1-5/8)	95.25 - 100.25	1.0000	1.0000
L15	14	LCF158-50JL(1-5/8)	95.25 - 100.25	1.0000	1.0000
L16	1	561(1-5/8)	91.50 - 95.25	1.0000	1.0000
L16	14	LCF158-50JL(1-5/8)	91.50 - 95.25	1.0000	1.0000
L16	27	(Area) CCI-65FP-045100 (H)	91.50 - 93.00	1.0000	1.0000
L16	28	(Area) CCI-65FP-045100 (H)	91.50 - 93.00	1.0000	1.0000
L16	29	(Area) CCI-65FP-045100 (H)	91.50 - 93.00	1.0000	1.0000
L17	1	561(1-5/8)	91.25 - 91.50	1.0000	1.0000
L17	14	LCF158-50JL(1-5/8)	91.25 - 91.50	1.0000	1.0000
L17	27	(Area) CCI-65FP-045100 (H)	91.25 - 91.50	1.0000	1.0000
L17	28	(Area) CCI-65FP-045100 (H)	91.25 - 91.50	1.0000	1.0000
L17	29	(Area) CCI-65FP-045100 (H)	91.25 - 91.50	1.0000	1.0000
L18	1	561(1-5/8)	86.25 - 91.25	1.0000	1.0000
L18	14	LCF158-50JL(1-5/8)	86.25 - 91.25	1.0000	1.0000
L18	27	(Area) CCI-65FP-045100 (H)	86.25 - 91.25	1.0000	1.0000
L18	28	(Area) CCI-65FP-045100 (H)	86.25 - 91.25	1.0000	1.0000
L18	29	(Area) CCI-65FP-045100 (H)	86.25 - 91.25	1.0000	1.0000
L19	1	561(1-5/8)	80.25 - 86.25	1.0000	1.0000
L19	14	LCF158-50JL(1-5/8)	80.25 - 86.25	1.0000	1.0000
L19	27	(Area) CCI-65FP-045100 (H)	83.00 - 86.25	1.0000	1.0000
L19	28	(Area) CCI-65FP-045100 (H)	83.00 - 86.25	1.0000	1.0000
L19	29	(Area) CCI-65FP-045100 (H)	83.00 - 86.25	1.0000	1.0000
L20	1	561(1-5/8)	79.25 - 80.25	1.0000	1.0000
L20	14	LCF158-50JL(1-5/8)	79.25 - 80.25	1.0000	1.0000
L21	1	561(1-5/8)	74.25 - 79.25	1.0000	1.0000
L21	14	LCF158-50JL(1-5/8)	74.25 - 79.25	1.0000	1.0000
L22	1	561(1-5/8)	69.75 - 74.25	1.0000	1.0000
L22	14	LCF158-50JL(1-5/8)	69.75 - 74.25	1.0000	1.0000
L22	24	(Area) CCI-65FP-060100 (H)	69.75 - 71.75	1.0000	1.0000
L22	25	(Area) CCI-65FP-060100 (H)	69.75 - 71.75	1.0000	1.0000
L22	26	(Area) CCI-65FP-060100 (H)	69.75 - 71.75	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
L23	1	561(1-5/8)	69.50 - 69.75	1.0000	1.0000
L23	14	LCF158-50JL(1-5/8)	69.50 - 69.75	1.0000	1.0000
L23	24	(Area) CCI-65FP-060100 (H)	69.50 - 69.75	1.0000	1.0000
L23	25	(Area) CCI-65FP-060100 (H)	69.50 - 69.75	1.0000	1.0000
L23	26	(Area) CCI-65FP-060100 (H)	69.50 - 69.75	1.0000	1.0000
L24	1	561(1-5/8)	64.50 - 69.50	1.0000	1.0000
L24	14	LCF158-50JL(1-5/8)	64.50 - 69.50	1.0000	1.0000
L24	24	(Area) CCI-65FP-060100 (H)	64.50 - 69.50	1.0000	1.0000
L24	25	(Area) CCI-65FP-060100 (H)	64.50 - 69.50	1.0000	1.0000
L24	26	(Area) CCI-65FP-060100 (H)	64.50 - 69.50	1.0000	1.0000
L25	1	561(1-5/8)	59.50 - 64.50	1.0000	1.0000
L25	14	LCF158-50JL(1-5/8)	59.50 - 64.50	1.0000	1.0000
L25	24	(Area) CCI-65FP-060100 (H)	59.50 - 64.50	1.0000	1.0000
L25	25	(Area) CCI-65FP-060100 (H)	59.50 - 64.50	1.0000	1.0000
L25	26	(Area) CCI-65FP-060100 (H)	59.50 - 64.50	1.0000	1.0000
L26	1	561(1-5/8)	54.50 - 59.50	1.0000	1.0000
L26	14	LCF158-50JL(1-5/8)	54.50 - 59.50	1.0000	1.0000
L26	21	(Area) CCI-65FP-060100 (H)	54.50 - 55.75	1.0000	1.0000
L26	22	(Area) CCI-65FP-060100 (H)	54.50 - 55.75	1.0000	1.0000
L26	23	(Area) CCI-65FP-060100 (H)	54.50 - 55.75	1.0000	1.0000
L26	24	(Area) CCI-65FP-060100 (H)	54.50 - 59.50	1.0000	1.0000
L26	25	(Area) CCI-65FP-060100 (H)	54.50 - 59.50	1.0000	1.0000
L26	26	(Area) CCI-65FP-060100 (H)	54.50 - 59.50	1.0000	1.0000
L27	1	561(1-5/8)	53.75 - 54.50	1.0000	1.0000
L27	14	LCF158-50JL(1-5/8)	53.75 - 54.50	1.0000	1.0000
L27	21	(Area) CCI-65FP-060100 (H)	53.75 - 54.50	1.0000	1.0000
L27	22	(Area) CCI-65FP-060100 (H)	53.75 - 54.50	1.0000	1.0000
L27	23	(Area) CCI-65FP-060100 (H)	53.75 - 54.50	1.0000	1.0000
L27	24	(Area) CCI-65FP-060100 (H)	53.75 - 54.50	1.0000	1.0000
L27	25	(Area) CCI-65FP-060100 (H)	53.75 - 54.50	1.0000	1.0000
L27	26	(Area) CCI-65FP-060100 (H)	53.75 - 54.50	1.0000	1.0000
L28	1	561(1-5/8)	53.50 - 53.75	1.0000	1.0000
L28	14	LCF158-50JL(1-5/8)	53.50 - 53.75	1.0000	1.0000
L28	21	(Area) CCI-65FP-060100 (H)	53.50 - 53.75	1.0000	1.0000
L28	22	(Area) CCI-65FP-060100	53.50 -	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
L28	23	(H) (Area) CCI-65FP-060100	53.75 53.50 -	1.0000	1.0000
L28	24	(H) (Area) CCI-65FP-060100	53.75 53.50 -	1.0000	1.0000
L28	25	(H) (Area) CCI-65FP-060100	53.75 53.50 -	1.0000	1.0000
L28	26	(H) (Area) CCI-65FP-060100	53.75 53.50 -	1.0000	1.0000
L29	1	(H) 561(1-5/8)	53.75 48.50 -	1.0000	1.0000
L29	14	(H) LCF158-50JL(1-5/8)	53.50 48.50 -	1.0000	1.0000
L29	21	(H) (Area) CCI-65FP-060100	53.50 48.50 -	1.0000	1.0000
L29	22	(H) (Area) CCI-65FP-060100	53.50 48.50 -	1.0000	1.0000
L29	23	(H) (Area) CCI-65FP-060100	53.50 48.50 -	1.0000	1.0000
L29	24	(H) (Area) CCI-65FP-060100	53.50 51.75 -	1.0000	1.0000
L29	25	(H) (Area) CCI-65FP-060100	53.50 51.75 -	1.0000	1.0000
L29	26	(H) (Area) CCI-65FP-060100	53.50 51.75 -	1.0000	1.0000
L30	1	(H) 561(1-5/8)	53.50 39.75 -	1.0000	1.0000
L30	14	(H) LCF158-50JL(1-5/8)	48.50 39.75 -	1.0000	1.0000
L30	21	(H) (Area) CCI-65FP-060100	48.50 39.75 -	1.0000	1.0000
L30	22	(H) (Area) CCI-65FP-060100	48.50 39.75 -	1.0000	1.0000
L30	23	(H) (Area) CCI-65FP-060100	48.50 39.75 -	1.0000	1.0000
L31	1	(H) 561(1-5/8)	48.50 38.75 -	1.0000	1.0000
L31	14	(H) LCF158-50JL(1-5/8)	39.75 38.75 -	1.0000	1.0000
L31	21	(H) (Area) CCI-65FP-060100	39.75 38.75 -	1.0000	1.0000
L31	22	(H) (Area) CCI-65FP-060100	39.75 38.75 -	1.0000	1.0000
L31	23	(H) (Area) CCI-65FP-060100	39.75 38.75 -	1.0000	1.0000
L32	1	(H) 561(1-5/8)	39.75 33.75 -	1.0000	1.0000
L32	14	(H) LCF158-50JL(1-5/8)	38.75 33.75 -	1.0000	1.0000
L32	21	(H) (Area) CCI-65FP-060100	38.75 33.75 -	1.0000	1.0000
L32	22	(H) (Area) CCI-65FP-060100	38.75 33.75 -	1.0000	1.0000
L32	23	(H) (Area) CCI-65FP-060100	38.75 33.75 -	1.0000	1.0000
L33	1	(H) 561(1-5/8)	38.75 28.75 -	1.0000	1.0000
L33	14	(H) LCF158-50JL(1-5/8)	33.75 28.75 -	1.0000	1.0000
L33	18	(H) (Area) CCI-65FP-065125	30.50 28.75 -	1.0000	1.0000
L33	19	(H) (Area) CCI-65FP-065125	30.50 28.75 -	1.0000	1.0000
L33	20	(H) (Area) CCI-65FP-065125	30.50 28.75 -	1.0000	1.0000
L33	21	(H) (Area) CCI-65FP-060100	30.50 28.75 -	1.0000	1.0000
L33	22	(H) (Area) CCI-65FP-060100	33.75 28.75 -	1.0000	1.0000
		(H)	33.75		

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
L33	23	(Area) CCI-65FP-060100 (H)	28.75 - 33.75	1.0000	1.0000
L34	1	561(1-5/8)	27.75 - 28.75	1.0000	1.0000
L34	14	LCF158-50JL(1-5/8)	27.75 - 28.75	1.0000	1.0000
L34	18	(Area) CCI-65FP-065125 (H)	27.75 - 28.75	1.0000	1.0000
L34	19	(Area) CCI-65FP-065125 (H)	27.75 - 28.75	1.0000	1.0000
L34	20	(Area) CCI-65FP-065125 (H)	27.75 - 28.75	1.0000	1.0000
L34	21	(Area) CCI-65FP-060100 (H)	27.75 - 28.75	1.0000	1.0000
L34	22	(Area) CCI-65FP-060100 (H)	27.75 - 28.75	1.0000	1.0000
L34	23	(Area) CCI-65FP-060100 (H)	27.75 - 28.75	1.0000	1.0000
L35	1	561(1-5/8)	27.50 - 27.75	1.0000	1.0000
L35	14	LCF158-50JL(1-5/8)	27.50 - 27.75	1.0000	1.0000
L35	18	(Area) CCI-65FP-065125 (H)	27.50 - 27.75	1.0000	1.0000
L35	19	(Area) CCI-65FP-065125 (H)	27.50 - 27.75	1.0000	1.0000
L35	20	(Area) CCI-65FP-065125 (H)	27.50 - 27.75	1.0000	1.0000
L35	21	(Area) CCI-65FP-060100 (H)	27.50 - 27.75	1.0000	1.0000
L35	22	(Area) CCI-65FP-060100 (H)	27.50 - 27.75	1.0000	1.0000
L35	23	(Area) CCI-65FP-060100 (H)	27.50 - 27.75	1.0000	1.0000
L36	1	561(1-5/8)	22.50 - 27.50	1.0000	1.0000
L36	14	LCF158-50JL(1-5/8)	22.50 - 27.50	1.0000	1.0000
L36	18	(Area) CCI-65FP-065125 (H)	22.50 - 27.50	1.0000	1.0000
L36	19	(Area) CCI-65FP-065125 (H)	22.50 - 27.50	1.0000	1.0000
L36	20	(Area) CCI-65FP-065125 (H)	22.50 - 27.50	1.0000	1.0000
L36	21	(Area) CCI-65FP-060100 (H)	25.75 - 27.50	1.0000	1.0000
L36	22	(Area) CCI-65FP-060100 (H)	25.75 - 27.50	1.0000	1.0000
L36	23	(Area) CCI-65FP-060100 (H)	25.75 - 27.50	1.0000	1.0000
L37	1	561(1-5/8)	17.50 - 22.50	1.0000	1.0000
L37	14	LCF158-50JL(1-5/8)	17.50 - 22.50	1.0000	1.0000
L37	18	(Area) CCI-65FP-065125 (H)	17.50 - 22.50	1.0000	1.0000
L37	19	(Area) CCI-65FP-065125 (H)	17.50 - 22.50	1.0000	1.0000
L37	20	(Area) CCI-65FP-065125 (H)	17.50 - 22.50	1.0000	1.0000
L38	1	561(1-5/8)	12.50 - 17.50	1.0000	1.0000
L38	14	LCF158-50JL(1-5/8)	12.50 - 17.50	1.0000	1.0000
L38	18	(Area) CCI-65FP-065125 (H)	12.50 - 17.50	1.0000	1.0000
L38	19	(Area) CCI-65FP-065125 (H)	12.50 - 17.50	1.0000	1.0000
L38	20	(Area) CCI-65FP-065125	12.50 -	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
		(H)	17.50		
L39	1	561(1-5/8)	8.75 - 12.50	1.0000	1.0000
L39	14	LCF158-50JL(1-5/8)	8.75 - 12.50	1.0000	1.0000
L39	18	(Area) CCI-65FP-065125	8.75 - 12.50	1.0000	1.0000
		(H)			
L39	19	(Area) CCI-65FP-065125	8.75 - 12.50	1.0000	1.0000
		(H)			
L39	20	(Area) CCI-65FP-065125	8.75 - 12.50	1.0000	1.0000
		(H)			
L40	1	561(1-5/8)	8.50 - 8.75	1.0000	1.0000
L40	14	LCF158-50JL(1-5/8)	8.50 - 8.75	1.0000	1.0000
L40	18	(Area) CCI-65FP-065125	8.50 - 8.75	1.0000	1.0000
		(H)			
L40	19	(Area) CCI-65FP-065125	8.50 - 8.75	1.0000	1.0000
		(H)			
L40	20	(Area) CCI-65FP-065125	8.50 - 8.75	1.0000	1.0000
		(H)			
L41	1	561(1-5/8)	8.25 - 8.50	1.0000	1.0000
L41	14	LCF158-50JL(1-5/8)	8.25 - 8.50	1.0000	1.0000
L41	18	(Area) CCI-65FP-065125	8.25 - 8.50	1.0000	1.0000
		(H)			
L41	19	(Area) CCI-65FP-065125	8.25 - 8.50	1.0000	1.0000
		(H)			
L41	20	(Area) CCI-65FP-065125	8.25 - 8.50	1.0000	1.0000
		(H)			
L42	1	561(1-5/8)	8.00 - 8.25	1.0000	1.0000
L42	14	LCF158-50JL(1-5/8)	8.00 - 8.25	1.0000	1.0000
L42	18	(Area) CCI-65FP-065125	8.00 - 8.25	1.0000	1.0000
		(H)			
L42	19	(Area) CCI-65FP-065125	8.00 - 8.25	1.0000	1.0000
		(H)			
L42	20	(Area) CCI-65FP-065125	8.00 - 8.25	1.0000	1.0000
		(H)			
L43	1	561(1-5/8)	3.25 - 8.00	1.0000	1.0000
L43	14	LCF158-50JL(1-5/8)	3.25 - 8.00	1.0000	1.0000
L43	18	(Area) CCI-65FP-065125	3.25 - 8.00	1.0000	1.0000
		(H)			
L43	19	(Area) CCI-65FP-065125	3.25 - 8.00	1.0000	1.0000
		(H)			
L43	20	(Area) CCI-65FP-065125	3.25 - 8.00	1.0000	1.0000
		(H)			
L44	1	561(1-5/8)	3.00 - 3.25	1.0000	1.0000
L44	14	LCF158-50JL(1-5/8)	3.00 - 3.25	1.0000	1.0000
L44	18	(Area) CCI-65FP-065125	3.00 - 3.25	1.0000	1.0000
		(H)			
L44	19	(Area) CCI-65FP-065125	3.00 - 3.25	1.0000	1.0000
		(H)			
L44	20	(Area) CCI-65FP-065125	3.00 - 3.25	1.0000	1.0000
		(H)			
L45	1	561(1-5/8)	0.00 - 3.00	1.0000	1.0000
L45	14	LCF158-50JL(1-5/8)	0.00 - 3.00	1.0000	1.0000
L45	18	(Area) CCI-65FP-065125	0.00 - 3.00	1.0000	1.0000
		(H)			
L45	19	(Area) CCI-65FP-065125	0.00 - 3.00	1.0000	1.0000
		(H)			
L45	20	(Area) CCI-65FP-065125	0.00 - 3.00	1.0000	1.0000
		(H)			

Effective Width of Flat Linear Attachments / Feed Lines

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L16	27	(Area) CCI-65FP-045100 (H)	91.50 - 93.00	Auto	0.0000
L16	28	(Area) CCI-65FP-045100 (H)	91.50 - 93.00	Auto	0.0000
L16	29	(Area) CCI-65FP-045100 (H)	91.50 - 93.00	Auto	0.0000
L17	27	(Area) CCI-65FP-045100 (H)	91.25 - 91.50	Auto	0.0000
L17	28	(Area) CCI-65FP-045100 (H)	91.25 - 91.50	Auto	0.0000
L17	29	(Area) CCI-65FP-045100 (H)	91.25 - 91.50	Auto	0.0000
L18	27	(Area) CCI-65FP-045100 (H)	86.25 - 91.25	Auto	0.0000
L18	28	(Area) CCI-65FP-045100 (H)	86.25 - 91.25	Auto	0.0000
L18	29	(Area) CCI-65FP-045100 (H)	86.25 - 91.25	Auto	0.0000
L19	27	(Area) CCI-65FP-045100 (H)	83.00 - 86.25	Auto	0.0000
L19	28	(Area) CCI-65FP-045100 (H)	83.00 - 86.25	Auto	0.0000
L19	29	(Area) CCI-65FP-045100 (H)	83.00 - 86.25	Auto	0.0000
L22	24	(Area) CCI-65FP-060100 (H)	69.75 - 71.75	Auto	0.0317
L22	25	(Area) CCI-65FP-060100 (H)	69.75 - 71.75	Auto	0.0317
L22	26	(Area) CCI-65FP-060100 (H)	69.75 - 71.75	Auto	0.0317
L23	24	(Area) CCI-65FP-060100 (H)	69.50 - 69.75	Auto	0.0774
L23	25	(Area) CCI-65FP-060100 (H)	69.50 - 69.75	Auto	0.0774
L23	26	(Area) CCI-65FP-060100 (H)	69.50 - 69.75	Auto	0.0774
L24	24	(Area) CCI-65FP-060100 (H)	64.50 - 69.50	Auto	0.0641
L24	25	(Area) CCI-65FP-060100 (H)	64.50 - 69.50	Auto	0.0641
L24	26	(Area) CCI-65FP-060100 (H)	64.50 - 69.50	Auto	0.0641
L25	24	(Area) CCI-65FP-060100 (H)	59.50 - 64.50	Auto	0.0352
L25	25	(Area) CCI-65FP-060100 (H)	59.50 - 64.50	Auto	0.0352
L25	26	(Area) CCI-65FP-060100 (H)	59.50 - 64.50	Auto	0.0352
L26	21	(Area) CCI-65FP-060100 (H)	54.50 - 55.75	Auto	0.0011
L26	22	(Area) CCI-65FP-060100 (H)	54.50 - 55.75	Auto	0.0011
L26	23	(Area) CCI-65FP-060100 (H)	54.50 - 55.75	Auto	0.0011
L26	24	(Area) CCI-65FP-060100 (H)	54.50 - 59.50	Auto	0.0101
L26	25	(Area) CCI-65FP-060100 (H)	54.50 - 59.50	Auto	0.0101
L26	26	(Area) CCI-65FP-060100 (H)	54.50 - 59.50	Auto	0.0101
L27	21	(Area) CCI-65FP-060100 (H)	53.75 - 54.50	Auto	0.0000
L27	22	(Area) CCI-65FP-060100 (H)	53.75 - 54.50	Auto	0.0000
L27	23	(Area) CCI-65FP-060100 (H)	53.75 - 54.50	Auto	0.0000
L27	24	(Area) CCI-65FP-060100 (H)	53.75 - 54.50	Auto	0.0000

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L27	25	(Area) CCI-65FP-060100 (H)	53.75 - 54.50	Auto	0.0000
L27	26	(Area) CCI-65FP-060100 (H)	53.75 - 54.50	Auto	0.0000
L28	21	(Area) CCI-65FP-060100 (H)	53.50 - 53.75	Auto	0.0000
L28	22	(Area) CCI-65FP-060100 (H)	53.50 - 53.75	Auto	0.0000
L28	23	(Area) CCI-65FP-060100 (H)	53.50 - 53.75	Auto	0.0000
L28	24	(Area) CCI-65FP-060100 (H)	53.50 - 53.75	Auto	0.0000
L28	25	(Area) CCI-65FP-060100 (H)	53.50 - 53.75	Auto	0.0000
L28	26	(Area) CCI-65FP-060100 (H)	53.50 - 53.75	Auto	0.0000
L29	21	(Area) CCI-65FP-060100 (H)	48.50 - 53.50	Auto	0.0000
L29	22	(Area) CCI-65FP-060100 (H)	48.50 - 53.50	Auto	0.0000
L29	23	(Area) CCI-65FP-060100 (H)	48.50 - 53.50	Auto	0.0000
L29	24	(Area) CCI-65FP-060100 (H)	51.75 - 53.50	Auto	0.0000
L29	25	(Area) CCI-65FP-060100 (H)	51.75 - 53.50	Auto	0.0000
L29	26	(Area) CCI-65FP-060100 (H)	51.75 - 53.50	Auto	0.0000
L30	21	(Area) CCI-65FP-060100 (H)	39.75 - 48.50	Auto	0.0000
L30	22	(Area) CCI-65FP-060100 (H)	39.75 - 48.50	Auto	0.0000
L30	23	(Area) CCI-65FP-060100 (H)	39.75 - 48.50	Auto	0.0000
L31	21	(Area) CCI-65FP-060100 (H)	38.75 - 39.75	Auto	0.0000
L31	22	(Area) CCI-65FP-060100 (H)	38.75 - 39.75	Auto	0.0000
L31	23	(Area) CCI-65FP-060100 (H)	38.75 - 39.75	Auto	0.0000
L32	21	(Area) CCI-65FP-060100 (H)	33.75 - 38.75	Auto	0.0000
L32	22	(Area) CCI-65FP-060100 (H)	33.75 - 38.75	Auto	0.0000
L32	23	(Area) CCI-65FP-060100 (H)	33.75 - 38.75	Auto	0.0000
L33	18	(Area) CCI-65FP-065125 (H)	28.75 - 30.50	Auto	0.0000
L33	19	(Area) CCI-65FP-065125 (H)	28.75 - 30.50	Auto	0.0000
L33	20	(Area) CCI-65FP-065125 (H)	28.75 - 30.50	Auto	0.0000
L33	21	(Area) CCI-65FP-060100 (H)	28.75 - 33.75	Auto	0.0000
L33	22	(Area) CCI-65FP-060100 (H)	28.75 - 33.75	Auto	0.0000
L33	23	(Area) CCI-65FP-060100 (H)	28.75 - 33.75	Auto	0.0000
L34	18	(Area) CCI-65FP-065125 (H)	27.75 - 28.75	Auto	0.0000
L34	19	(Area) CCI-65FP-065125 (H)	27.75 - 28.75	Auto	0.0000
L34	20	(Area) CCI-65FP-065125 (H)	27.75 - 28.75	Auto	0.0000
L34	21	(Area) CCI-65FP-060100 (H)	27.75 - 28.75	Auto	0.0000
L34	22	(Area) CCI-65FP-060100 (H)	27.75 - 28.75	Auto	0.0000

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L34	23	(Area) CCI-65FP-060100 (H)	27.75 - 28.75	Auto	0.0000
L35	18	(Area) CCI-65FP-065125 (H)	27.50 - 27.75	Auto	0.0000
L35	19	(Area) CCI-65FP-065125 (H)	27.50 - 27.75	Auto	0.0000
L35	20	(Area) CCI-65FP-065125 (H)	27.50 - 27.75	Auto	0.0000
L35	21	(Area) CCI-65FP-060100 (H)	27.50 - 27.75	Auto	0.0000
L35	22	(Area) CCI-65FP-060100 (H)	27.50 - 27.75	Auto	0.0000
L35	23	(Area) CCI-65FP-060100 (H)	27.50 - 27.75	Auto	0.0000
L36	18	(Area) CCI-65FP-065125 (H)	22.50 - 27.50	Auto	0.0000
L36	19	(Area) CCI-65FP-065125 (H)	22.50 - 27.50	Auto	0.0000
L36	20	(Area) CCI-65FP-065125 (H)	22.50 - 27.50	Auto	0.0000
L36	21	(Area) CCI-65FP-060100 (H)	25.75 - 27.50	Auto	0.0000
L36	22	(Area) CCI-65FP-060100 (H)	25.75 - 27.50	Auto	0.0000
L36	23	(Area) CCI-65FP-060100 (H)	25.75 - 27.50	Auto	0.0000
L37	18	(Area) CCI-65FP-065125 (H)	17.50 - 22.50	Auto	0.0000
L37	19	(Area) CCI-65FP-065125 (H)	17.50 - 22.50	Auto	0.0000
L37	20	(Area) CCI-65FP-065125 (H)	17.50 - 22.50	Auto	0.0000
L38	18	(Area) CCI-65FP-065125 (H)	12.50 - 17.50	Auto	0.0000
L38	19	(Area) CCI-65FP-065125 (H)	12.50 - 17.50	Auto	0.0000
L38	20	(Area) CCI-65FP-065125 (H)	12.50 - 17.50	Auto	0.0000
L39	18	(Area) CCI-65FP-065125 (H)	8.75 - 12.50	Auto	0.0000
L39	19	(Area) CCI-65FP-065125 (H)	8.75 - 12.50	Auto	0.0000
L39	20	(Area) CCI-65FP-065125 (H)	8.75 - 12.50	Auto	0.0000
L40	18	(Area) CCI-65FP-065125 (H)	8.50 - 8.75	Auto	0.0000
L40	19	(Area) CCI-65FP-065125 (H)	8.50 - 8.75	Auto	0.0000
L40	20	(Area) CCI-65FP-065125 (H)	8.50 - 8.75	Auto	0.0000
L41	18	(Area) CCI-65FP-065125 (H)	8.25 - 8.50	Auto	0.0000
L41	19	(Area) CCI-65FP-065125 (H)	8.25 - 8.50	Auto	0.0000
L41	20	(Area) CCI-65FP-065125 (H)	8.25 - 8.50	Auto	0.0000
L42	18	(Area) CCI-65FP-065125 (H)	8.00 - 8.25	Auto	0.0000
L42	19	(Area) CCI-65FP-065125 (H)	8.00 - 8.25	Auto	0.0000
L42	20	(Area) CCI-65FP-065125 (H)	8.00 - 8.25	Auto	0.0000
L43	18	(Area) CCI-65FP-065125 (H)	3.25 - 8.00	Auto	0.0000
L43	19	(Area) CCI-65FP-065125 (H)	3.25 - 8.00	Auto	0.0000
L43	20	(Area) CCI-65FP-065125 (H)	3.25 - 8.00	Auto	0.0000

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L44	18	(Area) CCI-65FP-065125 (H)	3.00 - 3.25	Auto	0.0000
L44	19	(Area) CCI-65FP-065125 (H)	3.00 - 3.25	Auto	0.0000
L44	20	(Area) CCI-65FP-065125 (H)	3.00 - 3.25	Auto	0.0000
L45	18	(Area) CCI-65FP-065125 (H)	0.00 - 3.00	Auto	0.0000
L45	19	(Area) CCI-65FP-065125 (H)	0.00 - 3.00	Auto	0.0000
L45	20	(Area) CCI-65FP-065125 (H)	0.00 - 3.00	Auto	0.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement
			Horz	Lateral Vert		
			ft	ft	°	ft
Lightning Rod 5/8x4' *****	C	None			0.0000	170.0000
APX16PV-16PVL-E w/ Mount Pipe	A	From Leg	1.0000	0.00	0.0000	166.0000
APX16PV-16PVL-E w/ Mount Pipe	B	From Leg	1.0000	0.00	0.0000	166.0000
APX16PV-16PVL-E w/ Mount Pipe	C	From Leg	1.0000	0.00	0.0000	166.0000
DTMA-1819-DD-12	A	From Leg	1.0000	0.00	0.0000	166.0000
DTMA-1819-DD-12	B	From Leg	1.0000	0.00	0.0000	166.0000
DTMA-1819-DD-12	C	From Leg	1.0000	0.00	0.0000	166.0000

AIR6449 B41_T-MOBILE w/ Mount Pipe	A	From Leg	4.0000	0.00	0.0000	157.0000
AIR6449 B41_T-MOBILE w/ Mount Pipe	B	From Leg	4.0000	0.00	0.0000	157.0000
AIR6449 B41_T-MOBILE w/ Mount Pipe	C	From Leg	4.0000	0.00	0.0000	157.0000
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	A	From Leg	4.0000	0.00	0.0000	157.0000
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	B	From Leg	4.0000	0.00	0.0000	157.0000
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	C	From Leg	4.0000	0.00	0.0000	157.0000

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement
			Horz Lateral ft	Vert ft		
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	A	From Leg	4.0000	0.0000	0.0000	157.0000
			0.00			
			0.00			
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	B	From Leg	4.0000	0.0000	0.0000	157.0000
			0.00			
			0.00			
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	C	From Leg	4.0000	0.0000	0.0000	157.0000
			0.00			
			0.00			
RADIO 4460 B2/B25 B66_TMO	A	From Leg	4.0000	0.0000	0.0000	157.0000
			0.00			
			0.00			
RADIO 4460 B2/B25 B66_TMO	B	From Leg	4.0000	0.0000	0.0000	157.0000
			0.00			
			0.00			
RADIO 4460 B2/B25 B66_TMO	C	From Leg	4.0000	0.0000	0.0000	157.0000
			0.00			
			0.00			
RADIO 4480 B71_TMO	A	From Leg	4.0000	0.0000	0.0000	157.0000
			0.00			
			0.00			
RADIO 4480 B71_TMO	B	From Leg	4.0000	0.0000	0.0000	157.0000
			0.00			
			0.00			
RADIO 4480 B71_TMO	C	From Leg	4.0000	0.0000	0.0000	157.0000
			0.00			
			0.00			
Platform Mount [LP 1201-1_KCKR-HR-1]	C	None			0.0000	157.0000
2.4" Dia. x 5'6" Pipe	A	From Centroid-Face	4.0000	0.0000	0.0000	157.0000
			3.00			
			0.00			
2.4" Dia. x 5'6" Pipe	B	From Centroid-Face	4.0000	0.0000	0.0000	157.0000
			3.00			
			0.00			
2.4" Dia. x 5'6" Pipe	C	From Centroid-Face	4.0000	0.0000	0.0000	157.0000
			3.00			
			0.00			

(2) MX06FRO660-03 w/ Mount Pipe	A	From Leg	4.0000	0.0000	0.0000	145.0000
			0.00			
			2.00			
(2) MX06FRO660-03 w/ Mount Pipe	B	From Leg	4.0000	0.0000	0.0000	145.0000
			0.00			
			2.00			
(2) MX06FRO660-03 w/ Mount Pipe	C	From Leg	4.0000	0.0000	0.0000	145.0000
			0.00			
			2.00			
MT6407-77A w/ Mount Pipe	A	From Leg	4.0000	0.0000	0.0000	145.0000
			0.00			
			2.00			
MT6407-77A w/ Mount Pipe	B	From Leg	4.0000	0.0000	0.0000	145.0000
			0.00			
			2.00			
MT6407-77A w/ Mount Pipe	C	From Leg	4.0000	0.0000	0.0000	145.0000
			0.00			
			2.00			
(3) TD-850B-LTE78-43	A	From Leg	4.0000	0.0000	0.0000	145.0000
			0.00			
			2.00			
DB-C1-12C-24AB-0Z	A	From Leg	4.0000	0.0000	0.0000	145.0000
			0.00			
			2.00			
(3) RF4439D-25A	A	From Leg	4.0000	0.0000	0.0000	145.0000
			0.00			

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
RF4440D-13A	A	From Leg	2.00 4.0000	0.0000	145.0000
RF4440D-13A	B	From Leg	0.00 2.00 4.0000	0.0000	145.0000
RF4440D-13A	C	From Leg	0.00 2.00 4.0000	0.0000	145.0000
Platform Mount [LP 403-1] ***	C	None	0.00 2.00	0.0000	145.0000
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.0000 0.00	0.0000	130.0000
MX08FRO665-21 w/ Mount Pipe	B	From Leg	0.00 4.0000 0.00	0.0000	130.0000
MX08FRO665-21 w/ Mount Pipe	C	From Leg	0.00 4.0000 0.00	0.0000	130.0000
TA08025-B604	A	From Leg	0.00 4.0000 0.00	0.0000	130.0000
TA08025-B604	B	From Leg	0.00 4.0000 0.00	0.0000	130.0000
TA08025-B604	C	From Leg	0.00 4.0000 0.00	0.0000	130.0000
TA08025-B605	A	From Leg	0.00 4.0000 0.00	0.0000	130.0000
TA08025-B605	B	From Leg	0.00 4.0000 0.00	0.0000	130.0000
TA08025-B605	C	From Leg	0.00 4.0000 0.00	0.0000	130.0000
RDIDC-9181-PF-48	A	From Leg	0.00 4.0000 0.00	0.0000	130.0000
(2) 8' x 2" Mount Pipe	A	From Leg	0.00 4.0000 0.00	0.0000	130.0000
(2) 8' x 2" Mount Pipe	B	From Leg	0.00 4.0000 0.00	0.0000	130.0000
(2) 8' x 2" Mount Pipe	C	From Leg	0.00 4.0000 0.00	0.0000	130.0000
Commscope MC-PK8-DSH ***	C	None	0.00	0.0000	130.0000
7770.00 w/ Mount Pipe	A	From Centroid-Leg	4.0000 -6.00 0.00	30.0000	120.0000
7770.00 w/ Mount Pipe	B	From Centroid-Leg	4.0000 -6.00 0.00	30.0000	120.0000
7770.00 w/ Mount Pipe	C	From Centroid-Leg	4.0000 -6.00 0.00	30.0000	120.0000
AM-X-CD-16-65-00T-RET w/ Mount Pipe	A	From Centroid-Leg	4.0000 -3.00 0.00	30.0000	120.0000

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement
			Horz Lateral ft	Vert ft		
AM-X-CD-14-65-00T-RET w/ Mount Pipe	B	From Centroid-Leg	4.0000	-3.00	30.0000	120.0000
			0.00			
800 10764 w/ Mount Pipe	C	From Centroid-Leg	4.0000	-3.00	30.0000	120.0000
			0.00			
HPA-65R-BUU-H6 w/ Mount Pipe	A	From Centroid-Leg	4.0000	6.00	30.0000	120.0000
			0.00			
SBNHH-1D65A w/ Mount Pipe	B	From Centroid-Leg	4.0000	3.00	30.0000	120.0000
			0.00			
SBNHH-1D65A w/ Mount Pipe	C	From Centroid-Leg	4.0000	3.00	30.0000	120.0000
			0.00			
(2) LGP2140X	A	From Centroid-Leg	4.0000	-6.00	30.0000	120.0000
			0.00			
(2) LGP2140X	B	From Centroid-Leg	4.0000	-6.00	30.0000	120.0000
			0.00			
(2) LGP2140X	C	From Centroid-Leg	4.0000	-6.00	30.0000	120.0000
			0.00			
DC6-48-60-18-8F	A	From Centroid-Leg	4.0000	3.00	30.0000	120.0000
			0.00			
RRUS 11 B12	A	From Centroid-Leg	4.0000	-3.00	30.0000	120.0000
			0.00			
RRUS 11 B12	B	From Centroid-Leg	4.0000	-3.00	30.0000	120.0000
			0.00			
RRUS 11 B12	C	From Centroid-Leg	4.0000	-3.00	30.0000	120.0000
			0.00			
RRUS 4415 B25	A	From Centroid-Leg	4.0000	6.00	30.0000	120.0000
			0.00			
RRUS 4415 B25	B	From Centroid-Leg	4.0000	3.00	30.0000	120.0000
			0.00			
RRUS 4415 B25	C	From Centroid-Leg	4.0000	3.00	30.0000	120.0000
			0.00			
Platform Mount [LP 303-1_HR-1]	C	None			0.0000	120.0000
2.4" Dia. x 6-ft	A	From Centroid-Leg	4.0000	3.00	0.0000	120.0000
			0.00			
2.4" Dia. x 6-ft	B	From Centroid-Leg	4.0000	6.00	0.0000	120.0000
			0.00			
2.4" Dia. x 6-ft	C	From Centroid-Leg	4.0000	6.00	0.0000	120.0000
			0.00			
2.4" Dia. x 6-ft	A	From Centroid-Leg	2.0000	0.00	0.0000	120.0000
			0.00			
2.4" Dia. x 6-ft	B	From Centroid-Leg	2.0000	0.00	0.0000	120.0000
			0.00			
2.4" Dia. x 6-ft	C	From Centroid-Leg	2.0000	0.00	0.0000	120.0000
			0.00			
			0.00			

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
APXV18-206517S-C w/ Mount Pipe	A	From Leg	1.0000 0.00 0.00	30.0000	102.0000
APXV18-206517S-C w/ Mount Pipe	B	From Leg	1.0000 0.00 0.00	30.0000	102.0000
APXV18-206517S-C w/ Mount Pipe	C	From Leg	1.0000 0.00 0.00	30.0000	102.0000
*** KS24019-L112A	C	From Leg	3.0000 0.00 1.00	-20.0000	74.0000
Side Arm Mount [SO 702-1] *****	C	None		0.0000	74.0000

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service

Comb. No.	Description
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	168 - 163	Pole	Max Tension	15	0.00	0.00	0.00
			Max. Compression	26	-1.32	-0.08	0.05
			Max. Mx	8	-0.46	-3.22	0.02
			Max. My	2	-0.46	-0.04	3.21
			Max. Vy	8	0.77	-3.22	0.02
			Max. Vx	2	-0.77	-0.04	3.21
			Max. Torque	24			0.00
L2	163 - 158	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-1.88	-0.20	0.13
			Max. Mx	8	-0.75	-7.70	0.06
			Max. My	2	-0.75	-0.10	7.59
			Max. Vy	10	1.08	-7.30	-4.11
			Max. Vx	2	-0.97	-0.10	7.59
			Max. Torque	11			0.07
L3	158 - 153	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-13.74	-0.42	0.33
			Max. Mx	8	-5.74	-34.16	0.15
			Max. My	2	-5.73	-0.20	33.93
			Max. Vy	8	6.48	-34.16	0.15
			Max. Vx	2	-6.47	-0.20	33.93
			Max. Torque	11			0.07
L4	153 - 148	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-14.48	-0.65	0.55
			Max. Mx	8	-6.12	-67.59	0.25
			Max. My	2	-6.11	-0.32	67.24
			Max. Vy	8	6.86	-67.59	0.25
			Max. Vx	2	-6.84	-0.32	67.24
			Max. Torque	11			0.07
L5	148 - 143	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-23.08	-0.90	5.67
			Max. Mx	8	-9.71	-114.43	2.45
			Max. My	2	-9.66	-0.44	117.23
			Max. Vy	8	10.77	-114.43	2.45
			Max. Vx	2	-10.99	-0.44	117.23
			Max. Torque	20			-1.99
L6	143 - 138	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-23.89	-1.16	5.96
			Max. Mx	8	-10.17	-169.32	2.57
			Max. My	2	-10.12	-0.57	173.16
			Max. Vy	8	11.15	-169.32	2.57
			Max. Vx	2	-11.37	-0.57	173.16
			Max. Torque	20			-1.99
L7	138 - 133	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-24.72	-1.44	6.25
			Max. Mx	8	-10.65	-226.09	2.69
			Max. My	2	-10.60	-0.70	230.96
			Max. Vy	8	11.53	-226.09	2.69
			Max. Vx	2	-11.74	-0.70	230.96
			Max. Torque	20			-1.99
L8	133 - 128	Pole	Max Tension	1	0.00	0.00	0.00

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L9	128 - 123	Pole	Max. Compression	26	-31.49	-1.72	7.01
			Max. Mx	8	-14.01	-291.33	2.91
			Max. My	2	-13.95	-0.84	297.45
			Max. Vy	8	15.20	-291.33	2.91
			Max. Vx	2	-15.46	-0.84	297.45
			Max. Torque	20			-2.23
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-32.36	-2.02	7.32
			Max. Mx	8	-14.56	-368.29	3.04
			Max. My	2	-14.50	-0.99	375.65
L10	123 - 116.5	Pole	Max. Vy	8	15.56	-368.29	3.04
			Max. Vx	2	-15.81	-0.99	375.65
			Max. Torque	20			-2.23
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-32.88	-2.18	7.49
			Max. Mx	8	-14.89	-411.38	3.11
			Max. My	2	-14.84	-1.07	419.43
			Max. Vy	8	15.76	-411.38	3.11
			Max. Vx	2	-16.01	-1.07	419.43
			Max. Torque	20			-2.23
L11	116.5 - 115.25	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-41.28	-3.80	8.76
L12	115.25 - 110.25	Pole	Max. Mx	8	-18.62	-505.87	3.62
			Max. My	2	-18.55	-1.68	515.20
			Max. Vy	8	19.17	-505.87	3.62
			Max. Vx	2	-19.47	-1.68	515.20
			Max. Torque	22			-3.05
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-42.38	-4.12	9.08
			Max. Mx	8	-19.40	-602.66	3.97
			Max. My	2	-19.34	-2.06	613.44
			Max. Vy	8	19.52	-602.66	3.97
L13	110.25 - 105.25	Pole	Max. Vx	2	-19.83	-2.06	613.44
			Max. Torque	22			-3.05
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-43.49	-4.43	9.40
			Max. Mx	8	-20.22	-701.22	4.33
			Max. My	2	-20.16	-2.43	713.45
			Max. Vy	8	19.88	-701.22	4.33
			Max. Vx	2	-20.18	-2.43	713.45
			Max. Torque	22			-3.05
			Max Tension	1	0.00	0.00	0.00
L14	105.25 - 100.25	Pole	Max. Compression	26	-45.30	-4.71	9.73
			Max. Mx	8	-21.22	-802.16	4.68
			Max. My	2	-21.16	-2.80	815.84
			Max. Vy	8	20.59	-802.16	4.68
			Max. Vx	2	-20.89	-2.80	815.84
			Max. Torque	22			-3.05
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-46.57	-4.89	10.10
			Max. Mx	8	-22.10	-905.97	5.04
			Max. My	2	-22.05	-3.16	921.13
L15	100.25 - 95.25	Pole	Max. Vy	8	20.92	-905.97	5.04
			Max. Vx	2	-21.22	-3.16	921.13
			Max. Torque	22			-3.04
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-47.57	-5.02	10.38
			Max. Mx	8	-22.77	-984.91	5.31
			Max. My	2	-22.73	-3.43	1001.18
			Max. Vy	8	21.17	-984.91	5.31
			Max. Vx	2	-21.47	-3.43	1001.18
			Max. Torque	22			-3.04
L16	95.25 - 91.5	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-47.64	-5.03	10.40
			Max. Compression	26	-47.64	-5.03	10.40
L17	91.5 - 91.25	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-47.64	-5.03	10.40
			Max. Compression	26	-47.64	-5.03	10.40

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L18	91.25 - 86.25	Pole	Max. Mx	8	-22.84	-990.21	5.32
			Max. My	2	-22.79	-3.45	1006.54
			Max. Vy	8	21.18	-990.21	5.32
			Max. Vx	2	-21.47	-3.45	1006.54
			Max. Torque	22			-3.04
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-49.07	-5.20	10.76
			Max. Mx	8	-23.75	-1096.97	5.68
			Max. My	2	-23.71	-3.80	1114.77
			Max. Vy	8	21.51	-1096.97	5.68
L19	86.25 - 80.25	Pole	Max. Vx	2	-21.80	-3.80	1114.77
			Max. Torque	22			-3.04
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-49.49	-5.25	10.86
			Max. Mx	8	-24.02	-1129.30	5.78
			Max. My	2	-23.98	-3.91	1147.54
			Max. Vy	8	21.61	-1129.30	5.78
			Max. Vx	2	-21.90	-3.91	1147.54
			Max. Torque	22			-3.03
			Max Tension	1	0.00	0.00	0.00
L20	80.25 - 79.25	Pole	Max. Compression	26	-51.93	-5.44	11.25
			Max. Mx	8	-25.64	-1249.49	6.17
			Max. My	2	-25.60	-4.30	1269.33
			Max. Vy	8	22.07	-1249.49	6.17
			Max. Vx	2	-22.37	-4.30	1269.33
			Max. Torque	22			-3.03
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-53.40	-5.61	11.60
			Max. Mx	8	-26.73	-1360.71	6.53
			Max. My	2	-26.69	-4.66	1382.00
L21	79.25 - 74.25	Pole	Max. Vy	8	22.40	-1360.71	6.53
			Max. Vx	2	-22.70	-4.66	1382.00
			Max. Torque	22			-3.03
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-54.90	-5.72	11.88
			Max. Mx	8	-27.76	-1462.45	6.83
			Max. My	2	-27.72	-4.96	1485.06
			Max. Vy	8	22.76	-1462.45	6.83
			Max. Vx	2	-23.05	-4.96	1485.06
			Max. Torque	22			-3.03
L22	74.25 - 69.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-55.01	-5.73	11.90
			Max. Mx	8	-27.84	-1468.15	6.85
			Max. My	2	-27.81	-4.98	1490.82
			Max. Vy	8	22.76	-1468.15	6.85
			Max. Vx	2	-23.06	-4.98	1490.82
			Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-57.03	-5.89	12.23
			Max. Mx	8	-29.28	-1583.04	7.20
L23	69.75 - 69.5	Pole	Max. My	2	-29.24	-5.34	1607.15
			Max. Vy	8	23.16	-1583.04	7.20
			Max. Vx	2	-23.45	-5.34	1607.15
			Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-59.08	-6.05	12.57
			Max. Mx	8	-30.74	-1699.86	7.55
			Max. My	2	-30.71	-5.70	1725.41
			Max. Vy	8	23.55	-1699.86	7.55
			Max. Vx	2	-23.84	-5.70	1725.41
L24	69.5 - 64.5	Pole	Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-61.18	-6.22	12.90
			Max. Mx	8	-32.23	-1818.57	7.90
			Max. My	2	-29.24	-5.34	1607.15
			Max. Vy	8	23.16	-1583.04	7.20
			Max. Vx	2	-23.45	-5.34	1607.15
			Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-59.08	-6.05	12.57
L25	64.5 - 59.5	Pole	Max. Mx	8	-30.74	-1699.86	7.55
			Max. My	2	-30.71	-5.70	1725.41
			Max. Vy	8	23.55	-1699.86	7.55
			Max. Vx	2	-23.84	-5.70	1725.41
			Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-61.18	-6.22	12.90
			Max. Mx	8	-32.23	-1818.57	7.90
			Max. My	2	-29.24	-5.34	1607.15
			Max. Vy	8	23.16	-1583.04	7.20
L26	59.5 - 54.5	Pole	Max. Vx	2	-23.45	-5.34	1607.15
			Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-61.18	-6.22	12.90
			Max. Mx	8	-32.23	-1818.57	7.90
			Max. My	2	-29.24	-5.34	1607.15
			Max. Vy	8	23.16	-1583.04	7.20
			Max. Vx	2	-23.45	-5.34	1607.15
			Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L27	54.5 - 53.75	Pole	Max. My	2	-32.20	-6.06	1845.56
			Max. Vy	8	23.92	-1818.57	7.90
			Max. Vx	2	-24.21	-6.06	1845.56
			Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-61.52	-6.24	12.95
			Max. Mx	8	-32.46	-1836.54	7.95
			Max. My	2	-32.43	-6.11	1863.74
			Max. Vy	8	23.97	-1836.54	7.95
			Max. Vx	2	-24.26	-6.11	1863.74
L28	53.75 - 53.5	Pole	Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-61.63	-6.25	12.97
			Max. Mx	8	-32.54	-1842.54	7.97
			Max. My	2	-32.51	-6.13	1869.81
			Max. Vy	8	23.98	-1842.54	7.97
			Max. Vx	2	-24.27	-6.13	1869.81
			Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-63.77	-6.41	13.30
L29	53.5 - 48.5	Pole	Max. Mx	8	-34.04	-1963.45	8.32
			Max. My	2	-34.02	-6.49	1992.15
			Max. Vy	8	24.35	-1963.45	8.32
			Max. Vx	2	-24.64	-6.49	1992.15
			Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-65.24	-6.53	13.53
			Max. Mx	8	-35.11	-2049.15	8.56
			Max. My	2	-35.09	-6.75	2078.83
			Max. Vy	8	24.60	-2049.15	8.56
L30	48.5 - 39.75	Pole	Max. Vx	2	-24.88	-6.75	2078.83
			Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-69.23	-6.73	13.94
			Max. Mx	8	-38.00	-2204.64	9.00
			Max. My	2	-37.98	-7.20	2236.09
			Max. Vy	8	25.12	-2204.64	9.00
			Max. Vx	2	-25.40	-7.20	2236.09
			Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00
L31	39.75 - 38.75	Pole	Max. Compression	26	-71.15	-6.89	14.26
			Max. Mx	8	-39.39	-2330.89	9.35
			Max. My	2	-39.37	-7.57	2363.76
			Max. Vy	8	25.38	-2330.89	9.35
			Max. Vx	2	-25.66	-7.57	2363.76
			Max. Torque	22			-3.01
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-73.14	-7.05	14.57
			Max. Mx	8	-40.81	-2458.40	9.69
			Max. My	2	-40.80	-7.93	2492.67
L32	38.75 - 33.75	Pole	Max. Vy	8	25.62	-2458.40	9.69
			Max. Vx	2	-25.90	-7.93	2492.67
			Max. Torque	22			-3.00
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-73.56	-7.08	14.63
			Max. Mx	8	-41.10	-2484.05	9.76
			Max. My	2	-41.08	-8.00	2518.59
			Max. Vy	8	25.67	-2484.05	9.76
			Max. Vx	2	-25.95	-8.00	2518.59
			Max. Torque	22			-3.00
L33	33.75 - 28.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-73.69	-7.09	14.65
			Max. Mx	8	-41.20	-2490.47	9.78
			Max. My	2	-41.19	-8.02	2525.08
			Max. Vy	8	25.66	-2490.47	9.78
			Max. Torque	22			-3.00
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-73.69	-7.09	14.65
			Max. Mx	8	-41.20	-2490.47	9.78
			Max. My	2	-41.19	-8.02	2525.08
L34	28.75 - 27.75	Pole	Max. Vy	8	25.66	-2490.47	9.78
			Max. Torque	22			-3.00
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-73.69	-7.09	14.65
			Max. Mx	8	-41.20	-2490.47	9.78
			Max. My	2	-41.19	-8.02	2525.08
			Max. Vy	8	25.66	-2490.47	9.78
			Max. Torque	22			-3.00
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-73.69	-7.09	14.65
L35	27.75 - 27.5	Pole	Max. Mx	8	-41.20	-2490.47	9.78
			Max. My	2	-41.19	-8.02	2525.08
			Max. Vy	8	25.66	-2490.47	9.78
			Max. Torque	22			-3.00
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-73.69	-7.09	14.65
			Max. Mx	8	-41.20	-2490.47	9.78
			Max. My	2	-41.19	-8.02	2525.08
			Max. Vy	8	25.66	-2490.47	9.78
			Max. Torque	22			-3.00

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L36	27.5 - 22.5	Pole	Max. Vx	2	-25.95	-8.02	2525.08
			Max. Torque	22			-3.00
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-76.20	-7.24	14.95
			Max. Mx	8	-43.09	-2619.65	10.12
			Max. My	2	-43.08	-8.38	2655.64
			Max. Vy	8	25.98	-2619.65	10.12
			Max. Vx	2	-26.26	-8.38	2655.64
L37	22.5 - 17.5	Pole	Max. Torque	22			-3.00
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-78.67	-7.38	15.22
			Max. Mx	8	-45.01	-2750.28	10.46
			Max. My	2	-45.00	-8.74	2787.65
			Max. Vy	8	26.25	-2750.28	10.46
			Max. Vx	2	-26.53	-8.74	2787.65
			L38	17.5 - 12.5	Pole	Max. Torque	22
Max Tension	1	0.00				0.00	0.00
Max. Compression	26	-81.15				-7.52	15.48
Max. Mx	8	-46.95				-2882.23	10.80
Max. My	2	-46.94				-9.11	2920.96
Max. Vy	8	26.50				-2882.23	10.80
Max. Vx	2	-26.78				-9.11	2920.96
L39	12.5 - 8.75	Pole				Max. Torque	22
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-83.01	-7.63	15.68
			Max. Mx	8	-48.42	-2982.00	11.06
			Max. My	2	-48.41	-9.38	3021.75
			Max. Vy	8	26.69	-2982.00	11.06
			Max. Vx	2	-26.97	-9.38	3021.75
			L40	8.75 - 8.5	Pole	Max. Torque	22
Max Tension	1	0.00				0.00	0.00
Max. Compression	26	-83.14				-7.64	15.70
Max. Mx	8	-48.52				-2988.68	11.08
Max. My	2	-48.52				-9.40	3028.50
Max. Vy	8	26.69				-2988.68	11.08
Max. Vx	2	-26.96				-9.40	3028.50
L41	8.5 - 8.25	Pole				Max. Torque	22
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-83.26	-7.65	15.71
			Max. Mx	8	-48.62	-2995.36	11.09
			Max. My	2	-48.62	-9.41	3035.24
			Max. Vy	8	26.70	-2995.36	11.09
			Max. Vx	2	-26.97	-9.41	3035.24
			L42	8.25 - 8	Pole	Max. Torque	22
Max Tension	1	0.00				0.00	0.00
Max. Compression	26	-83.38				-7.66	15.73
Max. Mx	8	-48.71				-3002.04	11.11
Max. My	2	-48.71				-9.43	3041.99
Max. Vy	8	26.71				-3002.04	11.11
Max. Vx	2	-26.99				-9.43	3041.99
L43	8 - 3.25	Pole				Max. Torque	22
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-85.57	-7.80	15.97
			Max. Mx	8	-50.44	-3129.53	11.43
			Max. My	2	-50.44	-9.78	3170.76
			Max. Vy	8	26.94	-3129.53	11.43
			Max. Vx	2	-27.21	-9.78	3170.76
			L44	3.25 - 3	Pole	Max. Torque	22
Max Tension	1	0.00				0.00	0.00
Max. Compression	26	-85.68				-7.80	15.99
Max. Mx	8	-50.54				-3136.27	11.45
Max. My	2	-50.54				-9.79	3177.56
Max. Vy	8	26.93				-3136.27	11.45
Max. Vx	2	-27.20				-9.79	3177.56
L45	3 - 0	Pole				Max. Torque	22
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-86.98	-7.89	16.14
			Max. Mx	8	-51.60	-3217.29	11.65
			Max. My	2	-51.60	-10.01	3259.38

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vy	8	27.05	-3217.29	11.65
			Max. Vx	2	-27.33	-10.01	3259.38
			Max. Torque	22			-3.00

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	27	86.98	-0.01	8.88
	Max. H _x	20	51.61	27.03	-0.04
	Max. H _z	2	51.61	-0.04	27.30
	Max. M _x	2	3259.38	-0.04	27.30
	Max. M _z	8	3217.29	-27.03	0.04
	Max. Torsion	10	2.96	-23.81	-13.87
	Min. Vert	23	38.71	23.81	13.87
	Min. H _x	8	51.61	-27.03	0.04
	Min. H _z	15	38.71	0.04	-27.30
	Min. M _x	14	-3247.16	0.04	-27.30
	Min. M _z	20	-3208.38	27.03	-0.04
	Min. Torsion	22	-3.00	23.81	13.87

Tower Mast Reaction Summary

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturing Moment, M _x kip-ft	Overturing Moment, M _z kip-ft	Torque kip-ft
Dead Only	43.01	0.00	-0.00	-4.98	-3.64	-0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	51.61	0.04	-27.30	-3259.38	-10.01	1.17
0.9 Dead+1.0 Wind 0 deg - No Ice	38.71	0.04	-27.30	-3196.58	-8.72	1.17
1.2 Dead+1.0 Wind 30 deg - No Ice	51.61	13.54	-23.67	-2826.34	-1613.04	-0.34
0.9 Dead+1.0 Wind 30 deg - No Ice	38.71	13.54	-23.67	-2771.68	-1581.66	-0.30
1.2 Dead+1.0 Wind 60 deg - No Ice	51.61	23.41	-13.69	-1637.64	-2785.16	-1.75
0.9 Dead+1.0 Wind 60 deg - No Ice	38.71	23.41	-13.69	-1605.32	-2731.78	-1.68
1.2 Dead+1.0 Wind 90 deg - No Ice	51.61	27.03	-0.04	-11.65	-3217.29	-2.68
0.9 Dead+1.0 Wind 90 deg - No Ice	38.71	27.03	-0.04	-9.90	-3155.76	-2.59
1.2 Dead+1.0 Wind 120 deg - No Ice	51.61	23.81	13.87	1657.95	-2852.56	-2.96
0.9 Dead+1.0 Wind 120 deg - No Ice	38.71	23.81	13.87	1628.21	-2797.72	-2.87
1.2 Dead+1.0 Wind 150 deg - No Ice	51.61	13.77	24.16	2845.49	-1624.73	-2.34
0.9 Dead+1.0 Wind 150 deg - No Ice	38.71	13.77	24.16	2793.81	-1593.27	-2.29
1.2 Dead+1.0 Wind 180 deg - No Ice	51.61	-0.04	27.30	3247.16	1.09	-1.18
0.9 Dead+1.0 Wind 180 deg - No Ice	38.71	-0.04	27.30	3187.68	2.19	-1.17
1.2 Dead+1.0 Wind 210 deg - No Ice	51.61	-13.54	23.67	2814.13	1604.11	0.30
0.9 Dead+1.0 Wind 210 deg - No Ice	38.71	-13.54	23.67	2762.79	1575.12	0.26
1.2 Dead+1.0 Wind 240 deg	51.61	-23.41	13.69	1625.44	2776.24	1.71

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
- No Ice						
0.9 Dead+1.0 Wind 240 deg	38.71	-23.41	13.69	1596.43	2725.23	1.64
- No Ice						
1.2 Dead+1.0 Wind 270 deg	51.61	-27.03	0.04	-0.55	3208.38	2.68
- No Ice						
0.9 Dead+1.0 Wind 270 deg	38.71	-27.03	0.04	1.02	3149.23	2.59
- No Ice						
1.2 Dead+1.0 Wind 300 deg	51.61	-23.81	-13.87	-1670.14	2843.67	3.00
- No Ice						
0.9 Dead+1.0 Wind 300 deg	38.71	-23.81	-13.87	-1637.09	2791.20	2.92
- No Ice						
1.2 Dead+1.0 Wind 330 deg	51.61	-13.77	-24.16	-2857.71	1615.83	2.38
- No Ice						
0.9 Dead+1.0 Wind 330 deg	38.71	-13.77	-24.16	-2802.71	1586.74	2.33
- No Ice						
1.2 Dead+1.0 Ice+1.0 Temp	86.98	0.00	-0.00	-16.14	-7.89	-0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	86.98	0.01	-8.88	-1148.17	-9.09	0.31
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	86.98	4.42	-7.70	-997.10	-569.68	-0.19
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	86.98	7.64	-4.45	-583.20	-979.75	-0.64
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	86.98	8.82	-0.01	-17.37	-1129.42	-0.91
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	86.98	7.65	4.45	551.26	-982.90	-0.96
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	86.98	4.40	7.69	963.53	-567.66	-0.73
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	86.98	-0.01	8.88	1115.77	-6.76	-0.31
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	86.98	-4.42	7.70	964.70	553.83	0.18
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	86.98	-7.64	4.45	550.80	963.90	0.63
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	86.98	-8.82	0.01	-15.04	1113.57	0.91
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	86.98	-7.65	-4.45	-583.67	967.05	0.96
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	86.98	-4.40	-7.69	-995.94	551.81	0.72
Dead+Wind 0 deg - Service	43.01	0.01	-7.00	-830.74	-5.10	0.31
Dead+Wind 30 deg - Service	43.01	3.47	-6.07	-720.82	-411.96	-0.08
Dead+Wind 60 deg - Service	43.01	6.00	-3.51	-419.11	-709.42	-0.44
Dead+Wind 90 deg - Service	43.01	6.93	-0.01	-6.45	-819.08	-0.69
Dead+Wind 120 deg - Service	43.01	6.11	3.56	417.32	-726.61	-0.77
Dead+Wind 150 deg - Service	43.01	3.53	6.20	718.74	-414.95	-0.61
Dead+Wind 180 deg - Service	43.01	-0.01	7.00	820.65	-2.28	-0.31
Dead+Wind 210 deg - Service	43.01	-3.47	6.07	710.73	404.57	0.07
Dead+Wind 240 deg - Service	43.01	-6.00	3.51	409.03	702.04	0.44
Dead+Wind 270 deg - Service	43.01	-6.93	0.01	-3.63	811.69	0.69
Dead+Wind 300 deg - Service	43.01	-6.11	-3.56	-427.41	719.23	0.77
Dead+Wind 330 deg - Service	43.01	-3.53	-6.20	-728.83	407.57	0.61

Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
1	0.00	-43.01	0.00	-0.00	43.01	0.00	0.000%
2	0.04	-51.61	-27.30	-0.04	51.61	27.30	0.000%
3	0.04	-38.71	-27.30	-0.04	38.71	27.30	0.000%
4	13.54	-51.61	-23.67	-13.54	51.61	23.67	0.000%
5	13.54	-38.71	-23.67	-13.54	38.71	23.67	0.000%
6	23.41	-51.61	-13.69	-23.41	51.61	13.69	0.000%
7	23.41	-38.71	-13.69	-23.41	38.71	13.69	0.000%
8	27.03	-51.61	-0.04	-27.03	51.61	0.04	0.000%
9	27.03	-38.71	-0.04	-27.03	38.71	0.04	0.000%
10	23.81	-51.61	13.87	-23.81	51.61	-13.87	0.000%
11	23.81	-38.71	13.87	-23.81	38.71	-13.87	0.000%
12	13.77	-51.61	24.16	-13.77	51.61	-24.16	0.000%
13	13.77	-38.71	24.16	-13.77	38.71	-24.16	0.000%
14	-0.04	-51.61	27.30	0.04	51.61	-27.30	0.000%
15	-0.04	-38.71	27.30	0.04	38.71	-27.30	0.000%
16	-13.54	-51.61	23.67	13.54	51.61	-23.67	0.000%
17	-13.54	-38.71	23.67	13.54	38.71	-23.67	0.000%
18	-23.41	-51.61	13.69	23.41	51.61	-13.69	0.000%
19	-23.41	-38.71	13.69	23.41	38.71	-13.69	0.000%
20	-27.03	-51.61	0.04	27.03	51.61	-0.04	0.000%
21	-27.03	-38.71	0.04	27.03	38.71	-0.04	0.000%
22	-23.81	-51.61	-13.87	23.81	51.61	13.87	0.000%
23	-23.81	-38.71	-13.87	23.81	38.71	13.87	0.000%
24	-13.77	-51.61	-24.16	13.77	51.61	24.16	0.000%
25	-13.77	-38.71	-24.16	13.77	38.71	24.16	0.000%
26	0.00	-86.98	0.00	-0.00	86.98	0.00	0.000%
27	0.01	-86.98	-8.88	-0.01	86.98	8.88	0.000%
28	4.42	-86.98	-7.70	-4.42	86.98	7.70	0.000%
29	7.64	-86.98	-4.45	-7.64	86.98	4.45	0.000%
30	8.82	-86.98	-0.01	-8.82	86.98	0.01	0.000%
31	7.65	-86.98	4.45	-7.65	86.98	-4.45	0.000%
32	4.40	-86.98	7.69	-4.40	86.98	-7.69	0.000%
33	-0.01	-86.98	8.88	0.01	86.98	-8.88	0.000%
34	-4.42	-86.98	7.70	4.42	86.98	-7.70	0.000%
35	-7.64	-86.98	4.45	7.64	86.98	-4.45	0.000%
36	-8.82	-86.98	0.01	8.82	86.98	-0.01	0.000%
37	-7.65	-86.98	-4.45	7.65	86.98	4.45	0.000%
38	-4.40	-86.98	-7.69	4.40	86.98	7.69	0.000%
39	0.01	-43.01	-7.00	-0.01	43.01	7.00	0.000%
40	3.47	-43.01	-6.07	-3.47	43.01	6.07	0.000%
41	6.00	-43.01	-3.51	-6.00	43.01	3.51	0.000%
42	6.93	-43.01	-0.01	-6.93	43.01	0.01	0.000%
43	6.11	-43.01	3.56	-6.11	43.01	-3.56	0.000%
44	3.53	-43.01	6.20	-3.53	43.01	-6.20	0.000%
45	-0.01	-43.01	7.00	0.01	43.01	-7.00	0.000%
46	-3.47	-43.01	6.07	3.47	43.01	-6.07	0.000%
47	-6.00	-43.01	3.51	6.00	43.01	-3.51	0.000%
48	-6.93	-43.01	0.01	6.93	43.01	-0.01	0.000%
49	-6.11	-43.01	-3.56	6.11	43.01	3.56	0.000%
50	-3.53	-43.01	-6.20	3.53	43.01	6.20	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00003250
2	Yes	6	0.00000001	0.00023659
3	Yes	6	0.00000001	0.00007914
4	Yes	7	0.00000001	0.00053608
5	Yes	7	0.00000001	0.00012628
6	Yes	7	0.00000001	0.00055209
7	Yes	7	0.00000001	0.00013074
8	Yes	6	0.00000001	0.00047700
9	Yes	6	0.00000001	0.00016104
10	Yes	7	0.00000001	0.00053204

11	Yes	7	0.00000001	0.00012350
12	Yes	7	0.00000001	0.00055789
13	Yes	7	0.00000001	0.00013226
14	Yes	6	0.00000001	0.00018838
15	Yes	5	0.00000001	0.00093485
16	Yes	7	0.00000001	0.00053488
17	Yes	7	0.00000001	0.00012673
18	Yes	7	0.00000001	0.00051757
19	Yes	7	0.00000001	0.00012236
20	Yes	6	0.00000001	0.00042622
21	Yes	6	0.00000001	0.00014375
22	Yes	7	0.00000001	0.00058155
23	Yes	7	0.00000001	0.00013654
24	Yes	7	0.00000001	0.00052182
25	Yes	7	0.00000001	0.00012226
26	Yes	5	0.00000001	0.00076065
27	Yes	8	0.00000001	0.00022205
28	Yes	8	0.00000001	0.00032450
29	Yes	8	0.00000001	0.00032804
30	Yes	8	0.00000001	0.00021865
31	Yes	8	0.00000001	0.00030458
32	Yes	8	0.00000001	0.00031127
33	Yes	8	0.00000001	0.00021174
34	Yes	8	0.00000001	0.00030169
35	Yes	8	0.00000001	0.00029710
36	Yes	8	0.00000001	0.00021397
37	Yes	8	0.00000001	0.00032377
38	Yes	8	0.00000001	0.00031278
39	Yes	5	0.00000001	0.00024740
40	Yes	6	0.00000001	0.00011221
41	Yes	6	0.00000001	0.00012051
42	Yes	5	0.00000001	0.00037052
43	Yes	6	0.00000001	0.00010683
44	Yes	6	0.00000001	0.00012147
45	Yes	5	0.00000001	0.00023692
46	Yes	6	0.00000001	0.00010821
47	Yes	6	0.00000001	0.00010032
48	Yes	5	0.00000001	0.00035823
49	Yes	6	0.00000001	0.00013263
50	Yes	6	0.00000001	0.00010390

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	168 - 163	39.547	49	2.0888	0.0084
L2	163 - 158	37.361	49	2.0870	0.0084
L3	158 - 153	35.180	49	2.0792	0.0084
L4	153 - 148	33.007	49	2.0708	0.0083
L5	148 - 143	30.849	49	2.0503	0.0083
L6	143 - 138	28.719	49	2.0179	0.0080
L7	138 - 133	26.630	49	1.9707	0.0073
L8	133 - 128	24.597	43	1.9118	0.0067
L9	128 - 123	22.635	43	1.8427	0.0062
L10	123 - 116.5	20.750	43	1.7624	0.0056
L11	120.25 - 115.25	19.750	43	1.7139	0.0053
L12	115.25 - 110.25	17.980	43	1.6630	0.0049
L13	110.25 - 105.25	16.282	43	1.5798	0.0044
L14	105.25 - 100.25	14.675	43	1.4903	0.0039
L15	100.25 - 95.25	13.164	43	1.3958	0.0034
L16	95.25 - 91.5	11.754	43	1.2970	0.0030
L17	91.5 - 91.25	10.765	43	1.2206	0.0027
L18	91.25 - 86.25	10.701	43	1.2155	0.0026
L19	86.25 - 80.25	9.483	43	1.1109	0.0023
L20	84.75 - 79.25	9.139	43	1.0790	0.0022
L21	79.25 - 74.25	7.928	43	1.0167	0.0020
L22	74.25 - 69.75	6.911	43	0.9251	0.0017

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L23	69.75 - 69.5	6.078	43	0.8420	0.0015
L24	69.5 - 64.5	6.034	43	0.8389	0.0015
L25	64.5 - 59.5	5.187	43	0.7785	0.0013
L26	59.5 - 54.5	4.405	43	0.7163	0.0012
L27	54.5 - 53.75	3.687	43	0.6541	0.0010
L28	53.75 - 53.5	3.585	43	0.6448	0.0010
L29	53.5 - 48.5	3.552	43	0.6417	0.0010
L30	48.5 - 39.75	2.912	43	0.5797	0.0009
L31	45 - 38.75	2.503	43	0.5358	0.0008
L32	38.75 - 33.75	1.832	43	0.4825	0.0007
L33	33.75 - 28.75	1.369	43	0.4019	0.0006
L34	28.75 - 27.75	0.990	43	0.3219	0.0004
L35	27.75 - 27.5	0.924	43	0.3061	0.0004
L36	27.5 - 22.5	0.908	43	0.3035	0.0004
L37	22.5 - 17.5	0.618	43	0.2512	0.0003
L38	17.5 - 12.5	0.382	43	0.1983	0.0003
L39	12.5 - 8.75	0.202	43	0.1459	0.0002
L40	8.75 - 8.5	0.103	43	0.1071	0.0001
L41	8.5 - 8.25	0.097	43	0.1045	0.0001
L42	8.25 - 8	0.092	43	0.1019	0.0001
L43	8 - 3.25	0.087	43	0.0990	0.0001
L44	3.25 - 3	0.015	43	0.0445	0.0001
L45	3 - 0	0.013	43	0.0411	0.0000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
170.0000	Lightning Rod 5/8x4'	49	39.547	2.0888	0.0084	59275
166.0000	APX16PV-16PVL-E w/ Mount Pipe	49	38.673	2.0887	0.0084	59275
157.0000	AIR6449 B41_T-MOBILE w/ Mount Pipe	49	34.745	2.0778	0.0084	32080
145.0000	(2) MX06FRO660-03 w/ Mount Pipe	49	29.567	2.0325	0.0082	8361
130.0000	MX08FRO665-21 w/ Mount Pipe	43	23.412	1.8713	0.0064	4120
120.0000	7770.00 w/ Mount Pipe	43	19.660	1.7104	0.0053	4469
102.0000	APXV18-206517S-C w/ Mount Pipe	43	13.681	1.4295	0.0036	3014
74.0000	KS24019-L112A	43	6.863	0.9198	0.0017	3116

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	168 - 163	155.704	22	8.2508	0.0327
L2	163 - 158	147.118	22	8.2436	0.0327
L3	158 - 153	138.551	22	8.2126	0.0325
L4	153 - 148	130.016	22	8.1788	0.0323
L5	148 - 143	121.540	22	8.0975	0.0321
L6	143 - 138	113.171	22	7.9702	0.0309
L7	138 - 133	104.962	22	7.7860	0.0283
L8	133 - 128	96.969	10	7.5549	0.0259
L9	128 - 123	89.239	10	7.2834	0.0237
L10	123 - 116.5	81.811	10	6.9671	0.0215
L11	120.25 - 115.25	77.871	10	6.7759	0.0204
L12	115.25 - 110.25	70.894	10	6.5747	0.0189
L13	110.25 - 105.25	64.204	10	6.2459	0.0168
L14	105.25 - 100.25	57.868	10	5.8919	0.0148

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L15	100.25 - 95.25	51.910	10	5.5174	0.0131
L16	95.25 - 91.5	46.350	10	5.1259	0.0114
L17	91.5 - 91.25	42.451	10	4.8231	0.0102
L18	91.25 - 86.25	42.200	10	4.8027	0.0102
L19	86.25 - 80.25	37.395	10	4.3885	0.0087
L20	84.75 - 79.25	36.039	10	4.2624	0.0083
L21	79.25 - 74.25	31.262	10	4.0157	0.0075
L22	74.25 - 69.75	27.251	10	3.6531	0.0065
L23	69.75 - 69.5	23.967	10	3.3240	0.0057
L24	69.5 - 64.5	23.793	10	3.3120	0.0056
L25	64.5 - 59.5	20.453	10	3.0729	0.0051
L26	59.5 - 54.5	17.366	10	2.8270	0.0045
L27	54.5 - 53.75	14.536	10	2.5811	0.0040
L28	53.75 - 53.5	14.134	10	2.5444	0.0039
L29	53.5 - 48.5	14.001	10	2.5322	0.0039
L30	48.5 - 39.75	11.479	10	2.2868	0.0034
L31	45 - 38.75	9.867	10	2.1134	0.0031
L32	38.75 - 33.75	7.219	10	1.9030	0.0027
L33	33.75 - 28.75	5.393	10	1.5848	0.0022
L34	28.75 - 27.75	3.900	10	1.2691	0.0017
L35	27.75 - 27.5	3.640	10	1.2067	0.0016
L36	27.5 - 22.5	3.577	10	1.1963	0.0016
L37	22.5 - 17.5	2.433	10	0.9899	0.0013
L38	17.5 - 12.5	1.506	10	0.7813	0.0010
L39	12.5 - 8.75	0.796	10	0.5749	0.0007
L40	8.75 - 8.5	0.405	10	0.4218	0.0005
L41	8.5 - 8.25	0.383	10	0.4116	0.0005
L42	8.25 - 8	0.361	10	0.4015	0.0005
L43	8 - 3.25	0.341	10	0.3901	0.0005
L44	3.25 - 3	0.060	10	0.1753	0.0002
L45	3 - 0	0.051	10	0.1618	0.0002

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
170.0000	Lightning Rod 5/8x4'	22	155.704	8.2508	0.0327	16046
166.0000	APX16PV-16PVL-E w/ Mount Pipe	22	152.268	8.2502	0.0327	16046
157.0000	AIR6449 B41_T-MOBILE w/ Mount Pipe	22	136.841	8.2069	0.0324	8614
145.0000	(2) MX06FRO660-03 w/ Mount Pipe	22	116.502	8.0273	0.0316	2226
130.0000	MX08FRO665-21 w/ Mount Pipe	10	92.298	7.3960	0.0248	1087
120.0000	7770.00 w/ Mount Pipe	10	77.516	6.7621	0.0205	1168
102.0000	APXV18-206517S-C w/ Mount Pipe	10	53.951	5.6512	0.0137	778
74.0000	KS24019-L112A	10	27.060	3.6319	0.0065	795

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L _u ft	KI/r	A in ²	P _u K	φP _n K	Ratio P _u / φP _n
L1	168 - 163 (1)	TP14x14x0.25	5.0000	0.0000	0.0	10.799	-0.46	340.18	0.001

Section No.	Elevation ft	Size	L ft	L _u ft	KI/r	A in ²	P _u K	φP _n K	Ratio P _u / φP _n
L2	163 - 158 (2)	TP14x14x0.25	5.0000	0.0000	0.0	10.799	-0.71	340.18	0.002
L3	158 - 153 (3)	TP22.8601x22x0.1875	5.0000	0.0000	0.0	13.493	-5.67	789.34	0.007
L4	153 - 148 (4)	TP23.7202x22.8601x0.1875	5.0000	0.0000	0.0	14.004	-6.04	819.29	0.007
L5	148 - 143 (5)	TP24.5804x23.7202x0.1875	5.0000	0.0000	0.0	14.516	-9.60	849.23	0.011
L6	143 - 138 (6)	TP25.4405x24.5804x0.1875	5.0000	0.0000	0.0	15.028	-10.06	879.18	0.011
L7	138 - 133 (7)	TP26.3006x25.4405x0.1875	5.0000	0.0000	0.0	15.540	-10.54	909.12	0.012
L8	133 - 128 (8)	TP27.1607x26.3006x0.1875	5.0000	0.0000	0.0	16.052	-13.88	939.07	0.015
L9	128 - 123 (9)	TP28.0208x27.1607x0.1875	5.0000	0.0000	0.0	16.564	-14.44	969.01	0.015
L10	123 - 116.5 (10)	TP29.139x28.0208x0.1875	6.5000	0.0000	0.0	16.845	-14.77	985.48	0.015
L11	116.5 - 115.25 (11)	TP28.979x28.1189x0.25	5.0000	0.0000	0.0	22.796	-18.49	1333.60	0.014
L12	115.25 - 110.25 (12)	TP29.8392x28.979x0.25	5.0000	0.0000	0.0	23.479	-19.28	1373.52	0.014
L13	110.25 - 105.25 (13)	TP30.6993x29.8392x0.25	5.0000	0.0000	0.0	24.161	-20.10	1413.45	0.014
L14	105.25 - 100.25 (14)	TP31.5595x30.6993x0.25	5.0000	0.0000	0.0	24.844	-21.11	1453.38	0.015
L15	100.25 - 95.25 (15)	TP32.4196x31.5595x0.25	5.0000	0.0000	0.0	25.526	-22.00	1493.30	0.015
L16	95.25 - 91.5 (16)	TP33.0647x32.4196x0.25	3.7500	0.0000	0.0	26.038	-22.68	1523.25	0.015
L17	91.5 - 91.25 (17)	TP33.1077x33.0647x0.25	0.2500	0.0000	0.0	26.072	-22.74	1525.25	0.015
L18	91.25 - 86.25 (18)	TP33.9678x33.1077x0.25	5.0000	0.0000	0.0	26.755	-23.66	1565.17	0.015
L19	86.25 - 80.25 (19)	TP35x33.9678x0.25	6.0000	0.0000	0.0	26.959	-23.94	1577.15	0.015
L20	80.25 - 79.25 (20)	TP34.672x33.7259x0.312	5.5000	0.0000	0.0	34.080	-25.56	1993.70	0.013
L21	79.25 - 74.25 (21)	TP35.5321x34.672x0.312	5.0000	0.0000	0.0	34.933	-26.65	2043.61	0.013
L22	74.25 - 69.75 (22)	TP36.3063x35.5321x0.3125	4.5000	0.0000	0.0	35.701	-27.69	2088.53	0.013
L23	69.75 - 69.5 (23)	TP36.3493x36.3063x0.4875	0.2500	0.0000	0.0	55.489	-27.78	3246.15	0.009
L24	69.5 - 64.5 (24)	TP37.2094x36.3493x0.4875	5.0000	0.0000	0.0	56.820	-29.21	3324.01	0.009
L25	64.5 - 59.5 (25)	TP38.0695x37.2094x0.475	5.0000	0.0000	0.0	56.679	-30.68	3315.74	0.009
L26	59.5 - 54.5 (26)	TP38.9296x38.0695x0.475	5.0000	0.0000	0.0	57.976	-32.18	3391.60	0.009
L27	54.5 - 53.75 (27)	TP39.0587x38.9296x0.475	0.7500	0.0000	0.0	58.170	-32.41	3402.98	0.010
L28	53.75 - 53.5 (28)	TP39.1017x39.0587x0.475	0.2500	0.0000	0.0	58.235	-32.49	3406.78	0.010
L29	53.5 - 48.5 (29)	TP39.9618x39.1017x0.475	5.0000	0.0000	0.0	59.532	-34.00	3482.64	0.010
L30	48.5 - 39.75 (30)	TP41.467x39.9618x0.468	8.7500	0.0000	0.0	59.654	-35.07	3489.76	0.010
L31	39.75 - 38.75 (31)	TP41.014x39.9389x0.375	6.2500	0.0000	0.0	48.370	-37.96	2829.68	0.013
L32	38.75 - 33.75 (32)	TP41.8742x41.014x0.375	5.0000	0.0000	0.0	49.394	-39.36	2889.57	0.014
L33	33.75 - 28.75 (33)	TP42.7343x41.8742x0.375	5.0000	0.0000	0.0	50.418	-40.78	2949.46	0.014
L34	28.75 - 27.75 (34)	TP42.9063x42.7343x0.375	1.0000	0.0000	0.0	50.622	-41.07	2961.44	0.014
L35	27.75 - 27.5 (35)	TP42.9493x42.9063x0.575	0.2500	0.0000	0.0	77.335	-41.18	4524.11	0.009

Section No.	Elevation ft	Size	L ft	L _u ft	KI/r	A in ²	P _u K	φP _n K	Ratio P _u / φP _n
L36	27.5 - 22.5 (36)	TP43.8094x42.9493x0.57 5	5.0000	0.0000	0.0	78.905 0	-43.07	4615.94	0.009
L37	22.5 - 17.5 (37)	TP44.6696x43.8094x0.56 25	5.0000	0.0000	0.0	78.747 6	-44.99	4606.74	0.010
L38	17.5 - 12.5 (38)	TP45.5297x44.6696x0.56 25	5.0000	0.0000	0.0	80.283 3	-46.93	4696.57	0.010
L39	12.5 - 8.75 (39)	TP46.1748x45.5297x0.56 25	3.7500	0.0000	0.0	81.435 0	-48.41	4763.95	0.010
L40	8.75 - 8.5 (40)	TP46.2178x46.1748x0.56 25	0.2500	0.0000	0.0	81.511 8	-48.52	4768.44	0.010
L41	8.5 - 8.25 (41)	TP46.2608x46.2178x0.56 25	0.2500	0.0000	0.0	81.588 6	-48.61	4772.93	0.010
L42	8.25 - 8 (42)	TP46.3038x46.2608x0.5	0.2500	0.0000	0.0	72.690 6	-48.71	4252.40	0.011
L43	8 - 3.25 (43)	TP47.1209x46.3038x0.5	4.7500	0.0000	0.0	73.987 4	-50.44	4328.26	0.012
L44	3.25 - 3 (44)	TP47.1639x47.1209x0.41 25	0.2500	0.0000	0.0	61.210 5	-50.54	3580.81	0.014
L45	3 - 0 (45)	TP47.68x47.1639x0.4125	3.0000	0.0000	0.0	61.886 2	-51.60	3620.34	0.014

Pole Bending Design Data

Section No.	Elevation ft	Size	M _{ux} kip-ft	φM _{nx} kip-ft	Ratio M _{ux} / φM _{nx}	M _{uy} kip-ft	φM _{ny} kip-ft	Ratio M _{uy} / φM _{ny}
L1	168 - 163 (1)	TP14x14x0.25	3.26	124.09	0.026	0.00	124.09	0.000
L2	163 - 158 (2)	TP14x14x0.25	8.38	124.09	0.067	0.00	124.09	0.000
L3	158 - 153 (3)	TP22.8601x22x0.1875	36.22	436.89	0.083	0.00	436.89	0.000
L4	153 - 148 (4)	TP23.7202x22.8601x0.18 75	71.25	465.02	0.153	0.00	465.02	0.000
L5	148 - 143 (5)	TP24.5804x23.7202x0.18 75	120.90	493.55	0.245	0.00	493.55	0.000
L6	143 - 138 (6)	TP25.4405x24.5804x0.18 75	177.97	522.43	0.341	0.00	522.43	0.000
L7	138 - 133 (7)	TP26.3006x25.4405x0.18 75	237.04	551.62	0.430	0.00	551.62	0.000
L8	133 - 128 (8)	TP27.1607x26.3006x0.18 75	304.81	581.08	0.525	0.00	581.08	0.000
L9	128 - 123 (9)	TP28.0208x27.1607x0.18 75	384.38	610.75	0.629	0.00	610.75	0.000
L10	123 - 116.5 (10)	TP29.139x28.0208x0.187 5	428.93	627.14	0.684	0.00	627.14	0.000
L11	116.5 - 115.25 (11)	TP28.979x28.1189x0.25	525.45	949.95	0.553	0.00	949.95	0.000
L12	115.25 - 110.25 (12)	TP29.8392x28.979x0.25	624.92	998.78	0.626	0.00	998.78	0.000
L13	110.25 - 105.25 (13)	TP30.6993x29.8392x0.25	726.20	1048.25	0.693	0.00	1048.25	0.000
L14	105.25 - 100.25 (14)	TP31.5595x30.6993x0.25	829.88	1098.31	0.756	0.00	1098.31	0.000
L15	100.25 - 95.25 (15)	TP32.4196x31.5595x0.25	936.47	1148.90	0.815	0.00	1148.90	0.000
L16	95.25 - 91.5 (16)	TP33.0647x32.4196x0.25	1017.48	1187.18	0.857	0.00	1187.18	0.000
L17	91.5 - 91.25 (17)	TP33.1077x33.0647x0.25	1022.92	1189.73	0.860	0.00	1189.73	0.000
L18	91.25 - 86.25 (18)	TP33.9678x33.1077x0.25	1132.42	1241.18	0.912	0.00	1241.18	0.000
L19	86.25 - 80.25 (19)	TP35x33.9678x0.25	1165.58	1256.70	0.927	0.00	1256.70	0.000
L20	80.25 - 79.25 (20)	TP34.672x33.7259x0.312 5	1288.77	1720.08	0.749	0.00	1720.08	0.000
L21	79.25 - 74.25 (21)	TP35.5321x34.672x0.312 5	1402.71	1794.71	0.782	0.00	1794.71	0.000

Section No.	Elevation ft	Size	M_{ux}	ϕM_{nx}	Ratio	M_{uy}	ϕM_{ny}	Ratio
			kip-ft	kip-ft	$\frac{M_{ux}}{\phi M_{nx}}$	kip-ft	kip-ft	$\frac{M_{uy}}{\phi M_{ny}}$
L22	74.25 - 69.75 (22)	TP36.3063x35.5321x0.3125	1506.92	1862.63	0.809	0.00	1862.63	0.000
L23	69.75 - 69.5 (23)	TP36.3493x36.3063x0.4875	1512.75	3022.97	0.500	0.00	3022.97	0.000
L24	69.5 - 64.5 (24)	TP37.2094x36.3493x0.4875	1630.35	3170.71	0.514	0.00	3170.71	0.000
L25	64.5 - 59.5 (25)	TP38.0695x37.2094x0.475	1749.96	3240.03	0.540	0.00	3240.03	0.000
L26	59.5 - 54.5 (26)	TP38.9296x38.0695x0.475	1871.44	3390.93	0.552	0.00	3390.93	0.000
L27	54.5 - 53.75 (27)	TP39.0587x38.9296x0.475	1889.83	3413.86	0.554	0.00	3413.86	0.000
L28	53.75 - 53.5 (28)	TP39.1017x39.0587x0.475	1895.97	3421.52	0.554	0.00	3421.52	0.000
L29	53.5 - 48.5 (29)	TP39.9618x39.1017x0.475	2019.63	3576.54	0.565	0.00	3576.54	0.000
L30	48.5 - 39.75 (30)	TP41.467x39.9618x0.4688	2107.25	3640.28	0.579	0.00	3640.28	0.000
L31	39.75 - 38.75 (31)	TP41.014x39.9389x0.375	2266.17	2898.99	0.782	0.00	2898.99	0.000
L32	38.75 - 33.75 (32)	TP41.8742x41.014x0.375	2395.15	3005.58	0.797	0.00	3005.58	0.000
L33	33.75 - 28.75 (33)	TP42.7343x41.8742x0.375	2525.37	3113.28	0.811	0.00	3113.28	0.000
L34	28.75 - 27.75 (34)	TP42.9063x42.7343x0.375	2551.55	3134.96	0.814	0.00	3134.96	0.000
L35	27.75 - 27.5 (35)	TP42.9493x42.9063x0.575	2558.10	4978.27	0.514	0.00	4978.27	0.000
L36	27.5 - 22.5 (36)	TP43.8094x42.9493x0.575	2689.96	5183.80	0.519	0.00	5183.80	0.000
L37	22.5 - 17.5 (37)	TP44.6696x43.8094x0.5625	2823.24	5280.73	0.535	0.00	5280.73	0.000
L38	17.5 - 12.5 (38)	TP45.5297x44.6696x0.5625	2957.82	5490.02	0.539	0.00	5490.02	0.000
L39	12.5 - 8.75 (39)	TP46.1748x45.5297x0.5625	3059.57	5649.66	0.542	0.00	5649.66	0.000
L40	8.75 - 8.5 (40)	TP46.2178x46.1748x0.5625	3066.38	5660.38	0.542	0.00	5660.38	0.000
L41	8.5 - 8.25 (41)	TP46.2608x46.2178x0.5625	3073.18	5671.12	0.542	0.00	5671.12	0.000
L42	8.25 - 8 (42)	TP46.3038x46.2608x0.5	3079.99	5071.27	0.607	0.00	5071.27	0.000
L43	8 - 3.25 (43)	TP47.1209x46.3038x0.5	3209.95	5254.82	0.611	0.00	5254.82	0.000
L44	3.25 - 3 (44)	TP47.1639x47.1209x0.4125	3216.82	4167.59	0.772	0.00	4167.59	0.000
L45	3 - 0 (45)	TP47.68x47.1639x0.4125	3299.38	4246.51	0.777	0.00	4246.51	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual	ϕV_n	Ratio	Actual	ϕT_n	Ratio
			V_u K	K	$\frac{V_u}{\phi V_n}$	T_u kip-ft	kip-ft	$\frac{T_u}{\phi T_n}$
L1	168 - 163 (1)	TP14x14x0.25	0.79	102.05	0.008	0.00	123.37	0.000
L2	163 - 158 (2)	TP14x14x0.25	1.24	102.05	0.012	0.07	123.37	0.001
L3	158 - 153 (3)	TP22.8601x22x0.1875	6.79	236.80	0.029	0.07	470.19	0.000
L4	153 - 148 (4)	TP23.7202x22.8601x0.1875	7.20	245.79	0.029	0.07	506.54	0.000
L5	148 - 143 (5)	TP24.5804x23.7202x0.1875	11.23	254.77	0.044	1.82	544.24	0.003
L6	143 - 138 (6)	TP25.4405x24.5804x0.1875	11.63	263.75	0.044	1.82	583.30	0.003
L7	138 - 133 (7)	TP26.3006x25.4405x0.1875	12.03	272.74	0.044	1.82	623.71	0.003
L8	133 - 128 (8)	TP27.1607x26.3006x0.1875	15.75	281.72	0.056	2.03	665.47	0.003
L9	128 - 123 (9)	TP28.0208x27.1607x0.1875	16.12	290.70	0.055	2.03	708.59	0.003

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L10	123 - 116.5 (10)	75 TP29.139x28.0208x0.187 5	16.33	295.64	0.055	2.02	732.88	0.003
L11	116.5 - 115.25 (11)	TP28.979x28.1189x0.25	19.74	400.08	0.049	3.05	1006.58	0.003
L12	115.25 - 110.25 (12)	TP29.8392x28.979x0.25	20.10	412.06	0.049	3.05	1067.75	0.003
L13	110.25 - 105.25 (13)	TP30.6993x29.8392x0.25	20.46	424.04	0.048	3.05	1130.73	0.003
L14	105.25 - 100.25 (14)	TP31.5595x30.6993x0.25	21.17	436.01	0.049	3.04	1195.52	0.003
L15	100.25 - 95.25 (15)	TP32.4196x31.5595x0.25	21.51	447.99	0.048	3.04	1262.10	0.002
L16	95.25 - 91.5 (16)	TP33.0647x32.4196x0.25	21.76	456.98	0.048	3.04	1313.23	0.002
L17	91.5 - 91.25 (17)	TP33.1077x33.0647x0.25	21.77	457.57	0.048	3.04	1316.68	0.002
L18	91.25 - 86.25 (18)	TP33.9678x33.1077x0.25	22.09	469.55	0.047	3.03	1386.51	0.002
L19	86.25 - 80.25 (19)	TP35x33.9678x0.25	22.19	473.15	0.047	3.03	1407.82	0.002
L20	80.25 - 79.25 (20)	TP34.672x33.7259x0.312 5	22.65	598.11	0.038	3.03	1799.73	0.002
L21	79.25 - 74.25 (21)	TP35.5321x34.672x0.312 5	22.98	613.08	0.037	3.03	1890.97	0.002
L22	74.25 - 69.75 (22)	TP36.3063x35.5321x0.31 25	23.33	626.56	0.037	3.01	1975.01	0.002
L23	69.75 - 69.5 (23)	TP36.3493x36.3063x0.48 75	23.34	973.85	0.024	3.01	3058.45	0.001
L24	69.5 - 64.5 (24)	TP37.2094x36.3493x0.48 75	23.73	997.20	0.024	2.97	3206.93	0.001
L25	64.5 - 59.5 (25)	TP38.0695x37.2094x0.47 5	24.11	994.72	0.024	2.96	3274.97	0.001
L26	59.5 - 54.5 (26)	TP38.9296x38.0695x0.47 5	24.49	1017.48	0.024	2.96	3426.53	0.001
L27	54.5 - 53.75 (27)	TP39.0587x38.9296x0.47 5	24.54	1020.89	0.024	2.96	3449.57	0.001
L28	53.75 - 53.5 (28)	TP39.1017x39.0587x0.47 5	24.55	1022.03	0.024	2.96	3457.26	0.001
L29	53.5 - 48.5 (29)	TP39.9618x39.1017x0.47 5	24.92	1044.79	0.024	2.96	3612.94	0.001
L30	48.5 - 39.75 (30)	TP41.467x39.9618x0.468 8	25.16	1046.93	0.024	2.96	3676.11	0.001
L31	39.75 - 38.75 (31)	TP41.014x39.9389x0.375	25.68	848.90	0.030	2.96	3021.22	0.001
L32	38.75 - 33.75 (32)	TP41.8742x41.014x0.375	25.93	866.87	0.030	2.96	3150.46	0.001
L33	33.75 - 28.75 (33)	TP42.7343x41.8742x0.37 5	26.17	884.84	0.030	2.96	3282.41	0.001
L34	28.75 - 27.75 (34)	TP42.9063x42.7343x0.37 5	26.22	888.43	0.030	2.96	3309.13	0.001
L35	27.75 - 27.5 (35)	TP42.9493x42.9063x0.57 5	26.21	1357.23	0.019	2.96	5036.60	0.001
L36	27.5 - 22.5 (36)	TP43.8094x42.9493x0.57 5	26.52	1384.78	0.019	2.96	5243.14	0.001
L37	22.5 - 17.5 (37)	TP44.6696x43.8094x0.56 25	26.80	1382.02	0.019	2.96	5338.30	0.001
L38	17.5 - 12.5 (38)	TP45.5297x44.6696x0.56 25	27.04	1408.97	0.019	2.96	5548.53	0.001
L39	12.5 - 8.75 (39)	TP46.1748x45.5297x0.56 25	27.23	1429.18	0.019	2.96	5708.87	0.001
L40	8.75 - 8.5 (40)	TP46.2178x46.1748x0.56 25	27.22	1430.53	0.019	2.96	5719.64	0.001
L41	8.5 - 8.25 (41)	TP46.2608x46.2178x0.56 25	27.24	1431.88	0.019	2.96	5730.42	0.001
L42	8.25 - 8 (42)	TP46.3038x46.2608x0.5	27.25	1275.72	0.021	2.96	5117.26	0.001
L43	8 - 3.25 (43)	TP47.1209x46.3038x0.5	27.47	1298.48	0.021	2.96	5301.47	0.001
L44	3.25 - 3 (44)	TP47.1639x47.1209x0.41 25	27.46	1074.24	0.026	2.96	4398.23	0.001

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L45	3 - 0 (45)	TP47.68x47.1639x0.4125	27.58	1086.10	0.025	2.96	4495.87	0.001

Pole Interaction Design Data

Section No.	Elevation ft	Ratio P_u ϕP_n	Ratio M_{ux} ϕM_{nx}	Ratio M_{uy} ϕM_{ny}	Ratio V_u ϕV_n	Ratio T_u ϕT_n	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	168 - 163 (1)	0.001	0.026	0.000	0.008	0.000	0.028	1.050	4.8.2
L2	163 - 158 (2)	0.002	0.067	0.000	0.012	0.001	0.070	1.050	4.8.2
L3	158 - 153 (3)	0.007	0.083	0.000	0.029	0.000	0.091	1.050	4.8.2
L4	153 - 148 (4)	0.007	0.153	0.000	0.029	0.000	0.161	1.050	4.8.2
L5	148 - 143 (5)	0.011	0.245	0.000	0.044	0.003	0.259	1.050	4.8.2
L6	143 - 138 (6)	0.011	0.341	0.000	0.044	0.003	0.354	1.050	4.8.2
L7	138 - 133 (7)	0.012	0.430	0.000	0.044	0.003	0.444	1.050	4.8.2
L8	133 - 128 (8)	0.015	0.525	0.000	0.056	0.003	0.543	1.050	4.8.2
L9	128 - 123 (9)	0.015	0.629	0.000	0.055	0.003	0.648	1.050	4.8.2
L10	123 - 116.5 (10)	0.015	0.684	0.000	0.055	0.003	0.702	1.050	4.8.2
L11	116.5 - 115.25 (11)	0.014	0.553	0.000	0.049	0.003	0.570	1.050	4.8.2
L12	115.25 - 110.25 (12)	0.014	0.626	0.000	0.049	0.003	0.642	1.050	4.8.2
L13	110.25 - 105.25 (13)	0.014	0.693	0.000	0.048	0.003	0.710	1.050	4.8.2
L14	105.25 - 100.25 (14)	0.015	0.756	0.000	0.049	0.003	0.773	1.050	4.8.2
L15	100.25 - 95.25 (15)	0.015	0.815	0.000	0.048	0.002	0.832	1.050	4.8.2
L16	95.25 - 91.5 (16)	0.015	0.857	0.000	0.048	0.002	0.874	1.050	4.8.2
L17	91.5 - 91.25 (17)	0.015	0.860	0.000	0.048	0.002	0.877	1.050	4.8.2
L18	91.25 - 86.25 (18)	0.015	0.912	0.000	0.047	0.002	0.930	1.050	4.8.2
L19	86.25 - 80.25 (19)	0.015	0.927	0.000	0.047	0.002	0.945	1.050	4.8.2
L20	80.25 - 79.25 (20)	0.013	0.749	0.000	0.038	0.002	0.764	1.050	4.8.2
L21	79.25 - 74.25 (21)	0.013	0.782	0.000	0.037	0.002	0.796	1.050	4.8.2
L22	74.25 - 69.75 (22)	0.013	0.809	0.000	0.037	0.002	0.824	1.050	4.8.2
L23	69.75 - 69.5 (23)	0.009	0.500	0.000	0.024	0.001	0.510	1.050	4.8.2
L24	69.5 - 64.5 (24)	0.009	0.514	0.000	0.024	0.001	0.524	1.050	4.8.2
L25	64.5 - 59.5 (25)	0.009	0.540	0.000	0.024	0.001	0.550	1.050	4.8.2
L26	59.5 - 54.5 (26)	0.009	0.552	0.000	0.024	0.001	0.562	1.050	4.8.2
L27	54.5 - 53.75 (27)	0.010	0.554	0.000	0.024	0.001	0.564	1.050	4.8.2
L28	53.75 - 53.5 (28)	0.010	0.554	0.000	0.024	0.001	0.564	1.050	4.8.2
L29	53.5 - 48.5 (29)	0.010	0.565	0.000	0.024	0.001	0.575	1.050	4.8.2
L30	48.5 - 39.75 (30)	0.010	0.579	0.000	0.024	0.001	0.590	1.050	4.8.2
L31	39.75 - 38.75 (31)	0.013	0.782	0.000	0.030	0.001	0.796	1.050	4.8.2
L32	38.75 - 33.75 (32)	0.014	0.797	0.000	0.030	0.001	0.811	1.050	4.8.2
L33	33.75 - 28.75	0.014	0.811	0.000	0.030	0.001	0.826	1.050	4.8.2

Section No.	Elevation ft	Ratio	Ratio	Ratio	Ratio	Ratio	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
		P_u	M_{ux}	M_{uy}	V_u	T_u			
	(33)								
L34	28.75 - 27.75	0.014	0.814	0.000	0.030	0.001	0.829	1.050	4.8.2
	(34)								
L35	27.75 - 27.5	0.009	0.514	0.000	0.019	0.001	0.523	1.050	4.8.2
	(35)								
L36	27.5 - 22.5	0.009	0.519	0.000	0.019	0.001	0.529	1.050	4.8.2
	(36)								
L37	22.5 - 17.5	0.010	0.535	0.000	0.019	0.001	0.545	1.050	4.8.2
	(37)								
L38	17.5 - 12.5	0.010	0.539	0.000	0.019	0.001	0.549	1.050	4.8.2
	(38)								
L39	12.5 - 8.75	0.010	0.542	0.000	0.019	0.001	0.552	1.050	4.8.2
	(39)								
L40	8.75 - 8.5 (40)	0.010	0.542	0.000	0.019	0.001	0.552	1.050	4.8.2
L41	8.5 - 8.25 (41)	0.010	0.542	0.000	0.019	0.001	0.552	1.050	4.8.2
L42	8.25 - 8 (42)	0.011	0.607	0.000	0.021	0.001	0.619	1.050	4.8.2
L43	8 - 3.25 (43)	0.012	0.611	0.000	0.021	0.001	0.623	1.050	4.8.2
L44	3.25 - 3 (44)	0.014	0.772	0.000	0.026	0.001	0.787	1.050	4.8.2
L45	3 - 0 (45)	0.014	0.777	0.000	0.025	0.001	0.792	1.050	4.8.2

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	168 - 163	Pole	TP14x14x0.25	1	-0.46	357.18	2.6	Pass
L2	163 - 158	Pole	TP14x14x0.25	2	-0.71	357.18	6.6	Pass
L3	158 - 153	Pole	TP22.8601x22x0.1875	3	-5.67	828.81	8.7	Pass
L4	153 - 148	Pole	TP23.7202x22.8601x0.1875	4	-6.04	860.25	15.4	Pass
L5	148 - 143	Pole	TP24.5804x23.7202x0.1875	5	-9.60	891.69	24.6	Pass
L6	143 - 138	Pole	TP25.4405x24.5804x0.1875	6	-10.06	923.14	33.7	Pass
L7	138 - 133	Pole	TP26.3006x25.4405x0.1875	7	-10.54	954.58	42.2	Pass
L8	133 - 128	Pole	TP27.1607x26.3006x0.1875	8	-13.88	986.02	51.7	Pass
L9	128 - 123	Pole	TP28.0208x27.1607x0.1875	9	-14.44	1017.46	61.7	Pass
L10	123 - 116.5	Pole	TP29.139x28.0208x0.1875	10	-14.77	1034.76	66.9	Pass
L11	116.5 - 115.25	Pole	TP28.979x28.1189x0.25	11	-18.49	1400.28	54.3	Pass
L12	115.25 - 110.25	Pole	TP29.8392x28.979x0.25	12	-19.28	1442.20	61.2	Pass
L13	110.25 - 105.25	Pole	TP30.6993x29.8392x0.25	13	-20.10	1484.12	67.6	Pass
L14	105.25 - 100.25	Pole	TP31.5595x30.6993x0.25	14	-21.11	1526.05	73.6	Pass
L15	100.25 - 95.25	Pole	TP32.4196x31.5595x0.25	15	-22.00	1567.96	79.3	Pass
L16	95.25 - 91.5	Pole	TP33.0647x32.4196x0.25	16	-22.68	1599.41	83.3	Pass
L17	91.5 - 91.25	Pole	TP33.1077x33.0647x0.25	17	-22.74	1601.51	83.5	Pass
L18	91.25 - 86.25	Pole	TP33.9678x33.1077x0.25	18	-23.66	1643.43	88.6	Pass
L19	86.25 - 80.25	Pole	TP35x33.9678x0.25	19	-23.94	1656.01	90.0	Pass
L20	80.25 - 79.25	Pole	TP34.672x33.7259x0.3125	20	-25.56	2093.38	72.7	Pass
L21	79.25 - 74.25	Pole	TP35.5321x34.672x0.3125	21	-26.65	2145.79	75.8	Pass
L22	74.25 - 69.75	Pole	TP36.3063x35.5321x0.3125	22	-27.69	2192.96	78.5	Pass
L23	69.75 - 69.5	Pole	TP36.3493x36.3063x0.4875	23	-27.78	3408.46	48.5	Pass
L24	69.5 - 64.5	Pole	TP37.2094x36.3493x0.4875	24	-29.21	3490.21	49.9	Pass
L25	64.5 - 59.5	Pole	TP38.0695x37.2094x0.475	25	-30.68	3481.53	52.4	Pass
L26	59.5 - 54.5	Pole	TP38.9296x38.0695x0.475	26	-32.18	3561.18	53.5	Pass
L27	54.5 - 53.75	Pole	TP39.0587x38.9296x0.475	27	-32.41	3573.13	53.7	Pass
L28	53.75 - 53.5	Pole	TP39.1017x39.0587x0.475	28	-32.49	3577.12	53.7	Pass
L29	53.5 - 48.5	Pole	TP39.9618x39.1017x0.475	29	-34.00	3656.77	54.8	Pass
L30	48.5 - 39.75	Pole	TP41.467x39.9618x0.4688	30	-35.07	3664.25	56.1	Pass
L31	39.75 - 38.75	Pole	TP41.014x39.9389x0.375	31	-37.96	2971.16	75.8	Pass
L32	38.75 - 33.75	Pole	TP41.8742x41.014x0.375	32	-39.36	3034.05	77.3	Pass
L33	33.75 - 28.75	Pole	TP42.7343x41.8742x0.375	33	-40.78	3096.93	78.7	Pass
L34	28.75 - 27.75	Pole	TP42.9063x42.7343x0.375	34	-41.07	3109.51	78.9	Pass
L35	27.75 - 27.5	Pole	TP42.9493x42.9063x0.575	35	-41.18	4750.32	49.8	Pass
L36	27.5 - 22.5	Pole	TP43.8094x42.9493x0.575	36	-43.07	4846.74	50.3	Pass
L37	22.5 - 17.5	Pole	TP44.6696x43.8094x0.5625	37	-44.99	4837.08	51.9	Pass
L38	17.5 - 12.5	Pole	TP45.5297x44.6696x0.5625	38	-46.93	4931.40	52.3	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail	
L39	12.5 - 8.75	Pole	TP46.1748x45.5297x0.5625	39	-48.41	5002.15	52.6	Pass	
L40	8.75 - 8.5	Pole	TP46.2178x46.1748x0.5625	40	-48.52	5006.86	52.6	Pass	
L41	8.5 - 8.25	Pole	TP46.2608x46.2178x0.5625	41	-48.61	5011.58	52.6	Pass	
L42	8.25 - 8	Pole	TP46.3038x46.2608x0.5	42	-48.71	4465.02	59.0	Pass	
L43	8 - 3.25	Pole	TP47.1209x46.3038x0.5	43	-50.44	4544.67	59.3	Pass	
L44	3.25 - 3	Pole	TP47.1639x47.1209x0.4125	44	-50.54	3759.85	74.9	Pass	
L45	3 - 0	Pole	TP47.68x47.1639x0.4125	45	-51.60	3801.36	75.4	Pass	
							Summary		
							Pole (L19)	90.0	Pass
							RATING =	90.0	Pass

***NOTE: Above stress ratios for reinforced sections are approximate. More exact calculations are presented in Appendix C.**

APPENDIX B
BASE LEVEL DRAWING



(OTHER CONSIDERED EQUIPMENT)
(6) 1-5/8" TO 102 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)
(1) 1-1/2" TO 130 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)
(3) 1-5/8" TO 157 FT LEVEL

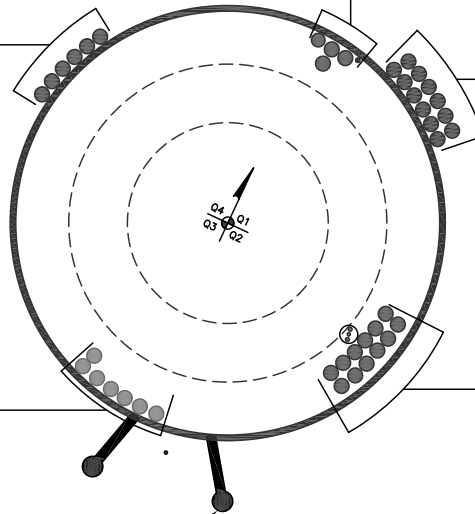
(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 74 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)
(12) 1-5/8" TO 166 FT LEVEL

(PROPOSED EQUIPMENT CONFIGURATION)
(7) 1-5/8" TO 145 FT LEVEL

(OTHER CONSIDERED EQUIPMENT—IN 2" CONDUIT)
(1) 3/8" TO 120 FT LEVEL
(2) 7/16" TO 120 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(12) 1-5/8" TO 120 FT LEVEL

CLIMBING PEGS
W/ SAFETY CLIMB



APPENDIX C
ADDITIONAL CALCULATIONS

Site BU: 876392
Work Order: 2092540



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Pole Geometry

	Pole Height Above Base (ft)	Section Length (ft)	Lap Splice Length (ft)	Number of Sides	Top Diameter (in)	Bottom Diameter (in)	Wall Thickness (in)	Bend Radius (in)	Pole Material
1	168	10	0	0	14	14	0.25		A53-B-35
2	158	41.5	3.75	18	22.00	29.139	0.1875	Auto	A607-65
3	120.25	40	4.5	18	28.12	35	0.25	Auto	A607-65
4	84.75	45	5.25	18	33.73	41.467	0.3125	Auto	A607-65
5	45	45	0	18	39.94	47.68	0.375	Auto	A607-65

Reinforcement Configuration

	Bottom Effective Elevation (ft)	Top Effective Elevation (ft)	Type	Model	Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	84.5	91.5	plate	MS-450 (1.25")	3	x						x						x					
2	53.75	69.75	plate	MS-600 (1.25")	3	x						x						x					
3	27.75	53.75	plate	MS-600 (1.25")	3		x						x						x				
4	8.25	27.75	plate	MS-650 (1.25")	1	x																	
5	3.25	27.75	plate	MS-650 (1.25")	2							x							x				
6	0	8.75	plate	TS 1.25x4.00 (MOD)	1		-2																
7	0	3.25	plate	TS 1.25x5.50 (MOD)	2								-2							-2			
8																							
9																							
10																							

Reinforcement Details

	B (in)	H (in)	Gross Area (in ²)	Pole Face to Centroid (in)	Bottom Termination Type	Bottom Termination Length (in)	Top Termination Type	Top Termination Length (in)	Lu (in)	Net Area (in ²)	Bolt Hole Size (in)	Reinforcement Material
1	4.5	1	4.5	0.5	PC 8.8 - M20 (100)	18	PC 8.8 - M20 (100)	18.000	20.625	3.188	1.2500	A572-65
2	6	1	6	0.5	PC 8.8 - M20 (100)	24	PC 8.8 - M20 (100)	24.000	16.375	4.688	1.2500	A572-65
3	6	1	6	0.5	PC 8.8 - M20 (100)	24	PC 8.8 - M20 (100)	24.000	16.375	4.688	1.2500	A572-65
4	6.5	1.25	8.125	0.625	PC 8.8 - M20 (100)	33	PC 8.8 - M20 (100)	33.000	19.250	6.484	1.2500	A572-65
5	6.5	1.25	8.125	0.625	PC 8.8 - M20 (100)	33	PC 8.8 - M20 (100)	33.000	19.250	6.484	1.2500	A572-65
6	1.25	3.25	4.0625	2.375	Welded	n/a	Welded	n/a	0.750	4.063	0.0000	A572-65
7	1.25	4.75	5.9375	3.125	Welded	n/a	Welded	n/a	0.750	5.938	0.0000	A572-65

Connection Details for Custom Reinforcements

Reinforcement	End	# Bolts	N or X	Bolt Spacing (in)	Edge Dist (in)	Weld Grade (ksi)	Transverse (Horiz.) Weld Type	Horiz. Weld Length (in)	Horiz. Groove Depth (in)	Horiz. Groove Angle (deg)	Horiz. Fillet Size (in)	Vertical Weld Length (in)	Vertical Fillet Size (in)	Rev H Connection Capacity (kip)
TS 1.25x4.00 (MOD)	Top	-	-	-	-	80	None	-	-	-	-	20	0.375	-
	Bottom	-	-	-	-	80	CJP Groove	6.5	0.625	45	0.625	-	-	-
TS 1.25x5.50 (MOD)	Top	-	-	-	-	80	None	-	-	-	-	24	0.375	-
	Bottom	-	-	-	-	80	CJP Groove	9.5	0.625	45	0.625	-	-	-

TNX Geometry Input

Increment (ft): Export to TNX

	Section Height (ft)	Section Length (ft)	Lap Splice Length (ft)	Number of Sides	Top Diameter (in)	Bottom Diameter (in)	Wall Thickness (in)	Tapered Pole Grade	Weight Multiplier
1	168 - 163	5		0	14.000	14.000	0.25	A53-B-35	1.000
2	163 - 158	5	0	0	14.000	14.000	0.25	A53-B-35	1.000
3	158 - 153	5		18	22.000	22.860	0.1875	A607-65	1.000
4	153 - 148	5		18	22.860	23.720	0.1875	A607-65	1.000
5	148 - 143	5		18	23.720	24.580	0.1875	A607-65	1.000
6	143 - 138	5		18	24.580	25.440	0.1875	A607-65	1.000
7	138 - 133	5		18	25.440	26.301	0.1875	A607-65	1.000
8	133 - 128	5		18	26.301	27.161	0.1875	A607-65	1.000
9	128 - 123	5		18	27.161	28.021	0.1875	A607-65	1.000
10	123 - 120.25	6.5	3.75	18	28.021	29.139	0.1875	A607-65	1.000
11	120.25 - 115.25	5		18	28.119	28.979	0.25	A607-65	1.000
12	115.25 - 110.25	5		18	28.979	29.839	0.25	A607-65	1.000
13	110.25 - 105.25	5		18	29.839	30.699	0.25	A607-65	1.000
14	105.25 - 100.25	5		18	30.699	31.559	0.25	A607-65	1.000
15	100.25 - 95.25	5		18	31.559	32.420	0.25	A607-65	1.000
16	95.25 - 91.5	3.75		18	32.420	33.065	0.25	A607-65	1.000
17	91.5 - 91.25	0.25		18	33.065	33.108	0.25	A607-65	1.000
18	91.25 - 86.25	5		18	33.108	33.968	0.25	A607-65	1.000
19	86.25 - 84.75	6	4.5	18	33.968	35.000	0.25	A607-65	1.000
20	84.75 - 79.25	5.5		18	33.726	34.672	0.3125	A607-65	1.000
21	79.25 - 74.25	5		18	34.672	35.532	0.3125	A607-65	1.000
22	74.25 - 69.75	4.5		18	35.532	36.306	0.3125	A607-65	1.000
23	69.75 - 69.5	0.25		18	36.306	36.349	0.4875	A607-65	0.969
24	69.5 - 64.5	5		18	36.349	37.209	0.4875	A607-65	0.961
25	64.5 - 59.5	5		18	37.209	38.070	0.475	A607-65	0.978
26	59.5 - 54.5	5		18	38.070	38.930	0.475	A607-65	0.971
27	54.5 - 53.75	0.75		18	38.930	39.059	0.475	A607-65	0.970
28	53.75 - 53.5	0.25		18	39.059	39.102	0.475	A607-65	0.970
29	53.5 - 48.5	5		18	39.102	39.962	0.475	A607-65	0.963
30	48.5 - 45	8.75	5.25	18	39.962	41.467	0.46875	A607-65	0.971
31	45 - 38.75	6.25		18	39.939	41.014	0.375	A607-65	1.000
32	38.75 - 33.75	5		18	41.014	41.874	0.375	A607-65	1.000
33	33.75 - 28.75	5		18	41.874	42.734	0.375	A607-65	1.000
34	28.75 - 27.75	1		18	42.734	42.906	0.375	A607-65	1.000
35	27.75 - 27.5	0.25		18	42.906	42.949	0.575	A607-65	0.970
36	27.5 - 22.5	5		18	42.949	43.809	0.575	A607-65	0.964
37	22.5 - 17.5	5		18	43.809	44.670	0.5625	A607-65	0.979
38	17.5 - 12.5	5		18	44.670	45.530	0.5625	A607-65	0.973
39	12.5 - 8.75	3.75		18	45.530	46.175	0.5625	A607-65	0.969
40	8.75 - 8.5	0.25		18	46.175	46.218	0.5625	A607-65	0.968
41	8.5 - 8.25	0.25		18	46.218	46.261	0.5625	A607-65	0.968
42	8.25 - 8	0.25		18	46.261	46.304	0.5	A607-65	0.976
43	8 - 3.25	4.75		18	46.304	47.121	0.5	A607-65	0.972
44	3.25 - 3	0.25		18	47.121	47.164	0.4125	A607-65	1.104
45	3 - 0	3		18	47.164	47.680	0.4125	A607-65	1.102

TNX Section Forces

Increment (ft):		TNX Output			
	5	Section Height (ft)	P _u (K)	M _{ux} (kip-ft)	V _u (K)
1	168 - 163	0.46	3.26	0.79	
2	163 - 158	0.71	8.38	1.24	
3	158 - 153	5.67	36.22	6.79	
4	153 - 148	6.04	71.25	7.20	
5	148 - 143	9.60	120.90	11.23	
6	143 - 138	10.06	177.97	11.63	
7	138 - 133	10.54	237.04	12.03	
8	133 - 128	13.88	304.81	15.75	
9	128 - 123	14.44	384.38	16.12	
10	123 - 120.25	14.77	428.93	16.33	
11	120.25 - 115.25	18.49	525.45	19.74	
12	115.25 - 110.25	19.28	624.92	20.10	
13	110.25 - 105.25	20.10	726.20	20.46	
14	105.25 - 100.25	21.11	829.88	21.17	
15	100.25 - 95.25	22.00	936.47	21.51	
16	95.25 - 91.5	22.68	1017.48	21.76	
17	91.5 - 91.25	22.74	1022.92	21.77	
18	91.25 - 86.25	23.66	1132.42	22.09	
19	86.25 - 84.75	23.94	1165.58	22.19	
20	84.75 - 79.25	25.56	1288.77	22.65	
21	79.25 - 74.25	26.65	1402.71	22.98	
22	74.25 - 69.75	27.69	1506.92	23.33	
23	69.75 - 69.5	27.78	1512.75	23.34	
24	69.5 - 64.5	29.21	1630.35	23.73	
25	64.5 - 59.5	30.68	1749.96	24.11	
26	59.5 - 54.5	32.18	1871.44	24.49	
27	54.5 - 53.75	32.41	1889.83	24.54	
28	53.75 - 53.5	32.49	1895.96	24.55	
29	53.5 - 48.5	34.00	2019.64	24.92	
30	48.5 - 45	35.07	2107.25	25.16	
31	45 - 38.75	37.96	2266.17	25.68	
32	38.75 - 33.75	39.36	2395.15	25.93	
33	33.75 - 28.75	40.78	2525.36	26.17	
34	28.75 - 27.75	41.07	2551.55	26.22	
35	27.75 - 27.5	41.18	2558.10	26.21	
36	27.5 - 22.5	43.07	2689.96	26.52	
37	22.5 - 17.5	44.99	2823.24	26.80	
38	17.5 - 12.5	46.93	2957.83	27.04	
39	12.5 - 8.75	48.41	3059.56	27.23	
40	8.75 - 8.5	48.52	3066.37	27.22	
41	8.5 - 8.25	48.61	3073.18	27.24	
42	8.25 - 8	48.71	3079.99	27.25	
43	8 - 3.25	50.44	3209.95	27.47	
44	3.25 - 3	50.54	3216.81	27.46	
45	3 - 0	51.60	3299.38	27.58	

Analysis Results

Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
168 - 163	Pole	TP14x14x0.25	Pole	2.6%	Pass
163 - 158	Pole	TP14x14x0.25	Pole	6.6%	Pass
158 - 153	Pole	TP22.86x22x0.1875	Pole	8.7%	Pass
153 - 148	Pole	TP23.72x22.86x0.1875	Pole	15.4%	Pass
148 - 143	Pole	TP24.58x23.72x0.1875	Pole	24.6%	Pass
143 - 138	Pole	TP25.44x24.58x0.1875	Pole	33.7%	Pass
138 - 133	Pole	TP26.301x25.44x0.1875	Pole	42.2%	Pass
133 - 128	Pole	TP27.161x26.301x0.1875	Pole	51.7%	Pass
128 - 123	Pole	TP28.021x27.161x0.1875	Pole	61.7%	Pass
123 - 120.25	Pole	TP29.139x28.021x0.1875	Pole	66.9%	Pass
120.25 - 115.25	Pole	TP28.979x28.119x0.25	Pole	54.2%	Pass
115.25 - 110.25	Pole	TP29.839x28.979x0.25	Pole	61.2%	Pass
110.25 - 105.25	Pole	TP30.699x29.839x0.25	Pole	67.6%	Pass
105.25 - 100.25	Pole	TP31.559x30.699x0.25	Pole	73.6%	Pass
100.25 - 95.25	Pole	TP32.42x31.559x0.25	Pole	79.3%	Pass
95.25 - 91.5	Pole	TP33.065x32.42x0.25	Pole	83.3%	Pass
91.5 - 91.25	Pole	TP33.108x33.065x0.25	Pole	83.5%	Pass
91.25 - 86.25	Pole	TP33.968x33.108x0.25	Pole	88.6%	Pass
86.25 - 84.75	Pole	TP35x33.968x0.25	Pole	90.0%	Pass
84.75 - 79.25	Pole	TP34.672x33.726x0.3125	Pole	72.7%	Pass
79.25 - 74.25	Pole	TP35.532x34.672x0.3125	Pole	75.8%	Pass
74.25 - 69.75	Pole	TP36.306x35.532x0.3125	Pole	78.5%	Pass
69.75 - 69.5	Pole + Reinf.	TP36.349x36.306x0.4875	Reinf. 2 Tension Rupture	77.2%	Pass
69.5 - 64.5	Pole + Reinf.	TP37.209x36.349x0.4875	Reinf. 2 Tension Rupture	80.0%	Pass
64.5 - 59.5	Pole + Reinf.	TP38.07x37.209x0.475	Reinf. 2 Tension Rupture	82.7%	Pass
59.5 - 54.5	Pole + Reinf.	TP38.93x38.07x0.475	Reinf. 2 Tension Rupture	85.1%	Pass
54.5 - 53.75	Pole + Reinf.	TP39.059x38.93x0.475	Reinf. 2 Tension Rupture	85.5%	Pass
53.75 - 53.5	Pole + Reinf.	TP39.102x39.059x0.475	Reinf. 3 Tension Rupture	85.6%	Pass
53.5 - 48.5	Pole + Reinf.	TP39.962x39.102x0.475	Reinf. 3 Tension Rupture	87.9%	Pass
48.5 - 45	Pole + Reinf.	TP41.467x39.962x0.4688	Reinf. 3 Tension Rupture	89.4%	Pass
45 - 38.75	Pole	TP41.014x39.939x0.375	Pole	75.8%	Pass
38.75 - 33.75	Pole	TP41.874x41.014x0.375	Pole	77.3%	Pass
33.75 - 28.75	Pole	TP42.734x41.874x0.375	Pole	78.7%	Pass
28.75 - 27.75	Pole	TP42.906x42.734x0.375	Pole	78.9%	Pass
27.75 - 27.5	Pole + Reinf.	TP42.949x42.906x0.575	Reinf. 5 Tension Rupture	77.6%	Pass
27.5 - 22.5	Pole + Reinf.	TP43.809x42.949x0.575	Reinf. 5 Tension Rupture	79.0%	Pass
22.5 - 17.5	Pole + Reinf.	TP44.67x43.809x0.5625	Reinf. 5 Tension Rupture	80.2%	Pass
17.5 - 12.5	Pole + Reinf.	TP45.53x44.67x0.5625	Reinf. 5 Tension Rupture	81.4%	Pass
12.5 - 8.75	Pole + Reinf.	TP46.175x45.53x0.5625	Reinf. 5 Tension Rupture	82.2%	Pass
8.75 - 8.5	Pole + Reinf.	TP46.218x46.175x0.5625	Reinf. 5 Tension Rupture	82.3%	Pass
8.5 - 8.25	Pole + Reinf.	TP46.261x46.218x0.5625	Reinf. 5 Tension Rupture	82.3%	Pass
8.25 - 8	Pole + Reinf.	TP46.304x46.261x0.5	Reinf. 5 Tension Rupture	83.4%	Pass
8 - 3.25	Pole + Reinf.	TP47.121x46.304x0.5	Reinf. 5 Tension Rupture	84.4%	Pass
3.25 - 3	Pole + Reinf.	TP47.164x47.121x0.4125	Pole	83.0%	Pass
3 - 0	Pole + Reinf.	TP47.68x47.164x0.4125	Pole	83.6%	Pass
				Summary	
			Pole	90.0%	Pass
			Reinforcement	89.4%	Pass
			Overall	90.0%	Pass

Additional Calculations

Section Elevation (ft)	Moment of Inertia (in ⁴)			Area (in ²)			% Capacity*							
	Pole	Reinf.	Total	Pole	Reinf.	Total	Pole	R1	R2	R3	R4	R5	R6	R7
168 - 163	255	n/a	255	10.80	n/a	10.80	2.6%							
163 - 158	255	n/a	255	10.80	n/a	10.80	6.6%							
158 - 153	876	n/a	876	13.49	n/a	13.49	8.7%							
153 - 148	980	n/a	980	14.00	n/a	14.00	15.4%							
148 - 143	1091	n/a	1091	14.52	n/a	14.52	24.6%							
143 - 138	1210	n/a	1210	15.03	n/a	15.03	33.7%							
138 - 133	1338	n/a	1338	15.54	n/a	15.54	42.2%							
133 - 128	1475	n/a	1475	16.05	n/a	16.05	51.7%							
128 - 123	1621	n/a	1621	16.56	n/a	16.56	61.7%							
123 - 120.25	1705	n/a	1705	16.85	n/a	16.85	66.9%							
120.25 - 115.25	2376	n/a	2376	22.80	n/a	22.80	54.2%							
115.25 - 110.25	2596	n/a	2596	23.48	n/a	23.48	61.2%							
110.25 - 105.25	2829	n/a	2829	24.16	n/a	24.16	67.6%							
105.25 - 100.25	3076	n/a	3076	24.84	n/a	24.84	73.6%							
100.25 - 95.25	3336	n/a	3336	25.53	n/a	25.53	79.3%							
95.25 - 91.5	3541	n/a	3541	26.04	n/a	26.04	83.3%							
91.5 - 91.25	3555	n/a	3555	26.07	n/a	26.07	83.5%							
91.25 - 86.25	3842	n/a	3842	26.75	n/a	26.75	88.6%							
86.25 - 84.75	3930	n/a	3930	26.96	n/a	26.96	90.0%							
84.75 - 79.25	5081	n/a	5081	34.08	n/a	34.08	72.7%							
79.25 - 74.25	5473	n/a	5473	34.93	n/a	34.93	75.8%							
74.25 - 69.75	5841	n/a	5841	35.70	n/a	35.70	78.5%							
69.75 - 69.5	5862	3166	9029	35.74	18.00	53.74	50.3%		77.2%					
69.5 - 64.5	6292	3313	9605	36.60	18.00	54.60	52.5%		80.0%					
64.5 - 59.5	6743	3462	10205	37.45	18.00	55.45	54.7%		82.7%					
59.5 - 54.5	7214	3615	10829	38.30	18.00	56.30	56.8%		85.1%					
54.5 - 53.75	7287	3638	10925	38.43	18.00	56.43	57.1%		85.5%					
53.75 - 53.5	7311	3646	10957	38.47	18.00	56.47	57.2%			85.6%				
53.5 - 48.5	7808	3803	11611	39.33	18.00	57.33	59.2%			87.9%				
48.5 - 45	8169	3915	12084	39.92	18.00	57.92	60.6%			89.4%				
45 - 38.75	10089	n/a	10089	48.37	n/a	48.37	75.8%							
38.75 - 33.75	10743	n/a	10743	49.39	n/a	49.39	77.3%							
33.75 - 28.75	11425	n/a	11425	50.42	n/a	50.42	78.7%							
28.75 - 27.75	11565	n/a	11565	50.62	n/a	50.62	78.9%							
27.75 - 27.5	11600	5997	17597	50.67	24.38	75.05	51.3%				77.6%		77.6%	
27.5 - 22.5	12318	6231	18548	51.70	24.38	76.07	52.6%				79.0%		79.0%	
22.5 - 17.5	13064	6469	19533	52.72	24.38	77.09	53.8%				80.2%		80.2%	
17.5 - 12.5	13840	6712	20552	53.74	24.38	78.12	54.9%				81.4%		81.4%	
12.5 - 8.75	14441	6897	21339	54.51	24.38	78.89	55.7%				82.2%		82.2%	
8.75 - 8.5	14482	6910	21392	54.56	24.38	78.94	55.8%				82.3%		82.3%	
8.5 - 8.25	14523	6922	21445	54.61	24.38	78.99	55.8%				82.3%		82.3%	
8.25 - 8	14731	4634	19366	54.66	16.25	70.91	67.6%					83.4%		
8 - 3.25	15527	4799	20326	55.64	16.25	71.89	68.6%					84.4%		
3.25 - 3	15703	1503	17206	55.69	11.88	67.56	83.0%							79.9%
3 - 0	16222	1538	17760	56.30	11.88	68.18	83.6%							80.3%

Note: Section capacity checked using 5 degree increments.
Rating per TIA-222-H Section 15.5.

Monopole Flange Plate Connection

Elevation = 158 ft.



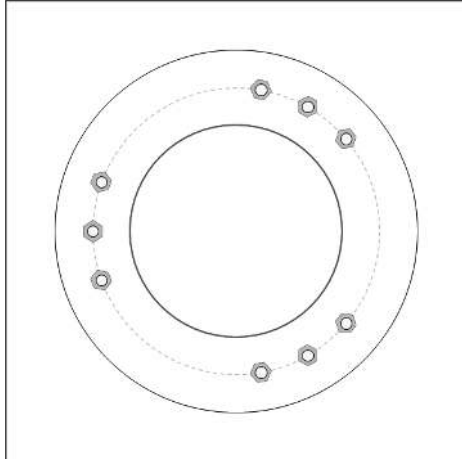
BU #	876392
Site Name	Hartford / Executive C
Order #	552670 Rev 3

Applied Loads	
Moment (kip-ft)	8.38
Axial Force (kips)	0.71
Shear Force (kips)	1.24

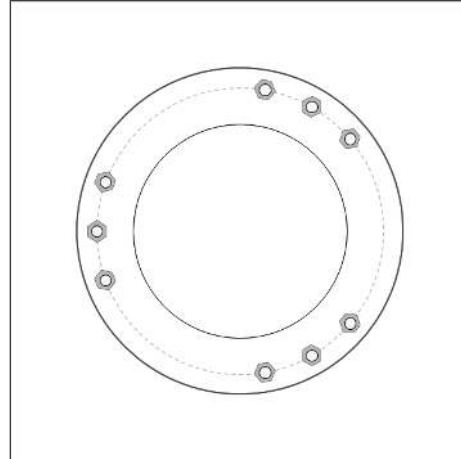
TIA-222 Revision	H
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*TIA-222-H Section 15.5 Applied

Top Plate - External



Bottom Plate - Internal



Connection Properties

Bolt Data

(9) 3/4" ϕ bolts (A325 N; Fy=92 ksi, Fu=120 ksi) on 19" BC

Top Plate Data

24" OD x 1.25" Plate (A572-65; Fy=65 ksi, Fu=80 ksi)

Bottom Plate Data

14.125" ID x 0.75" Plate (A36; Fy=36 ksi, Fu=58 ksi)

Top Stiffener Data

N/A

Bottom Stiffener Data

N/A

Top Pole Data

14" x 0.25" round pole (A53-B-35; Fy=35 ksi, Fu=60 ksi)

Bottom Pole Data

22" x 0.1875" 18-sided pole (A607-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Bolt Capacity

Max Load (kips)	2.27
Allowable (kips)	30.06
Stress Rating:	7.2% Pass

Top Plate Capacity

Max Stress (ksi):	2.97	(Flexural)
Allowable Stress (ksi):	58.50	
Stress Rating:	4.8%	Pass
Tension Side Stress Rating:	4.0%	Pass

Bottom Plate Capacity

Max Stress (ksi):	5.94	(Flexural)
Allowable Stress (ksi):	32.40	
Stress Rating:	17.5%	Pass
Tension Side Stress Rating:	N/A	

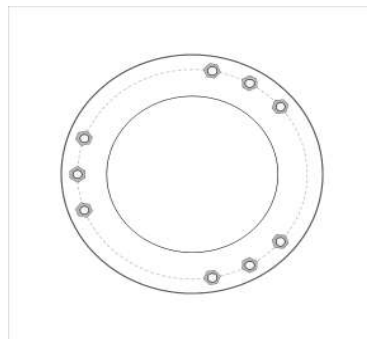
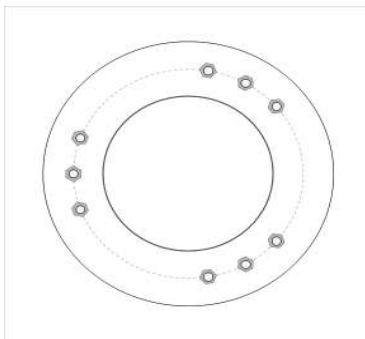
CCIplate

Elevation (ft) 158 (Flange)

Bolt Group	Resist Axial	Resist Shear	Induce Plate Bending
1	Yes	Yes	Yes

Custom Bolt Connection										
Bolt	Bolt Group ID	Location (deg.)	Diameter (in)	Material	Bolt Circle (in)	Eta Factor, η :	I_{br} (in):	Thread Type	Area Override, in ²	Tension Only
1	1	40	0.75	A325	19	0.5	0	N-Included		No
2	1	60	0.75	A325	19	0.5	0	N-Included		No
3	1	80	0.75	A325	19	0.5	0	N-Included		No
4	1	160	0.75	A325	19	0.5	0	N-Included		No
5	1	180	0.75	A325	19	0.5	0	N-Included		No
6	1	200	0.75	A325	19	0.5	0	N-Included		No
7	1	280	0.75	A325	19	0.5	0	N-Included		No
8	1	300	0.75	A325	19	0.5	0	N-Included		No
9	1	320	0.75	A325	19	0.5	0	N-Included		No

Plot Graphic



Monopole Base Plate Connection

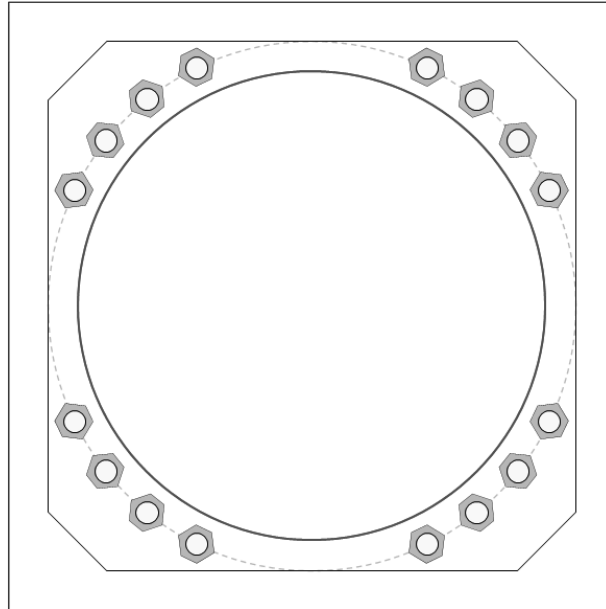


Site Info	
BU #	876392
Site Name	Hartford / Executive G
Order #	552670 Rev 3

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	Yes
l_{ar} (in)	1.25

Applied Loads	
Moment (kip-ft)	3299.38
Axial Force (kips)	51.60
Shear Force (kips)	27.58

*TIA-222-H Section 15.5 Applied



Connection Properties	Analysis Results
-----------------------	------------------

Anchor Rod Data
(16) 2-1/4" ϕ bolts (A615-75 N; $F_y=75$ ksi, $F_u=100$ ksi) on 54" BC Anchor Spacing: 6 in

Base Plate Data
54" W x 2.5" Plate (A572-55; $F_y=55$ ksi, $F_u=70$ ksi); Clip: 6 in

Stiffener Data
N/A

Pole Data
47.68" x 0.375" 18-sided pole (A607-65; $F_y=65$ ksi, $F_u=80$ ksi)

Anchor Rod Summary	(units of kips, kip-in)	
$Pu_t = 179.94$	$\phi Pn_t = 243.75$	Stress Rating
$Vu = 1.72$	$\phi Vn = 149.1$	70.3%
$Mu = n/a$	$\phi Mn = n/a$	Pass

Base Plate Summary		
Max Stress (ksi):	37.86	(Flexural)
Allowable Stress (ksi):	49.5	
Stress Rating:	72.8%	Pass

Pier and Pad Foundation



BU #: 876392
 Site Name: New Hartford / Exe
 App. Number: 552670 Rev 3

TIA-222 Revision: H
 Tower Type: Monopole

Top & Bot. Pad Rein. Different?:
 Block Foundation?:
 Rectangular Pad?:

Superstructure Analysis Reactions		
Compression, P_{comp} :	51.61	kips
Base Shear, V_{u_comp} :	27.56	kips
Moment, M_u :	3299.38	ft-kips
Tower Height, H :	168	ft
BP Dist. Above Fdn, bp_{dist} :	3.5	in

Foundation Analysis Checks				
	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	323.28	27.56	8.1%	Pass
Bearing Pressure (ksf)	12.70	3.22	25.4%	Pass
Overturning (kip*ft)	5572.04	3596.80	64.6%	Pass
Pier Flexure (Comp.) (kip*ft)	5879.73	3506.08	56.8%	Pass
Pier Compression (kip)	23390.64	110.42	0.4%	Pass
Pad Flexure (kip*ft)	3260.26	1547.06	45.2%	Pass
Pad Shear - 1-way (kips)	648.20	286.70	42.1%	Pass
Pad Shear - 2-way (Comp) (ksi)	0.164	0.000	0.0%	Pass
Flexural 2-way (Comp) (kip*ft)	4902.10	2103.65	40.9%	Pass

Pier Properties		
Pier Shape:	Square	
Pier Diameter, $dpier$:	7	ft
Ext. Above Grade, E :	0.5	ft
Pier Rebar Size, Sc :	11	
Pier Rebar Quantity, mc :	24	
Pier Tie/Spiral Size, St :	5	
Pier Tie/Spiral Quantity, mt :	21	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier} :	3	in

*Rating per TIA-222-H Section 15.5

Structural Rating*:	56.8%
Soil Rating*:	64.6%

Pad Properties		
Depth, D :	10	ft
Pad Width, W_1 :	21	ft
Pad Thickness, T :	3	ft
Pad Rebar Size (Bottom dir. 2), Sp_2 :	9	
Pad Rebar Quantity (Bottom dir. 2), mp_2 :	24	
Pad Clear Cover, cc_{pad} :	3	in

Material Properties		
Rebar Grade, F_y :	60	ksi
Concrete Compressive Strength, F'_c :	3	ksi
Dry Concrete Density, δ_c :	150	pcf

Soil Properties		
Total Soil Unit Weight, γ :	125	pcf
Ultimate Net Bearing, Q_{net} :	16.000	ksf
Cohesion, C_u :	0.000	ksf
Friction Angle, ϕ :	30	degrees
SPT Blow Count, N_{blows} :		
Base Friction, μ :	0.5	
Neglected Depth, N :	3.50	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, gw :	5	ft

<-- Toggle between Gross and Net

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Default (see Section 11.4.3)

Elevation: 566.99 ft (NAVD 88)
Latitude: 41.886244
Longitude: -72.966139



Wind

Results:

Wind Speed	115 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	89 Vmph
100-year MRI	95 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: Mon Mar 21 2022

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).

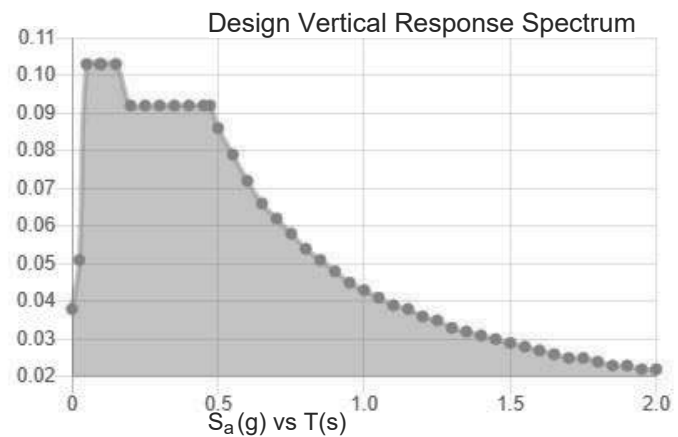
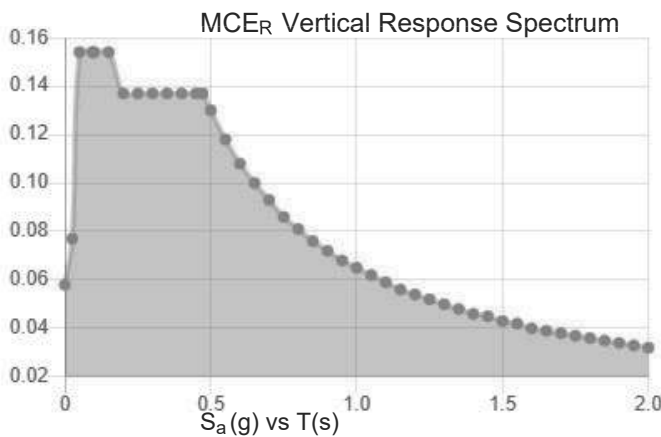
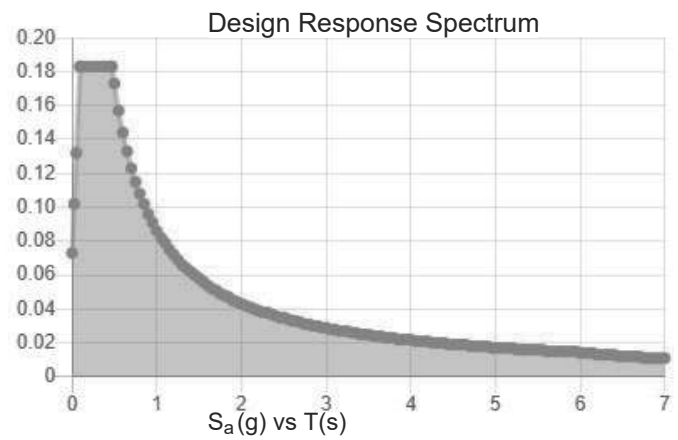
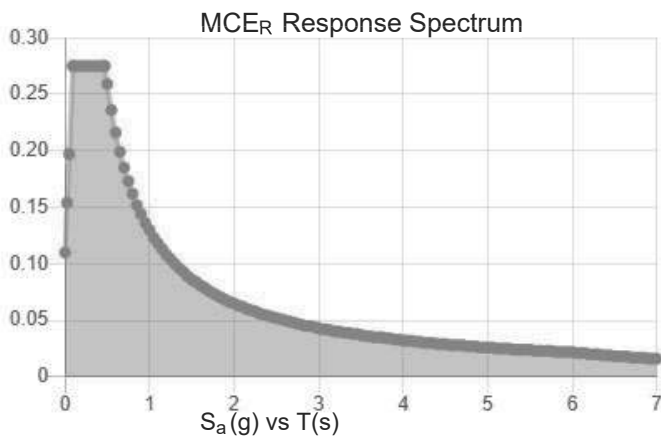
Site is not in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2.

Site Soil Class: D - Default (see Section 11.4.3)

Results:

S_s :	0.172	S_{D1} :	0.086
S_1 :	0.054	T_L :	6
F_a :	1.6	PGA :	0.09
F_v :	2.4	PGA _M :	0.144
S_{MS} :	0.275	F_{PGA} :	1.6
S_{M1} :	0.13	I_e :	1
S_{DS} :	0.183	C_v :	0.7

Seismic Design Category B



Data Accessed: Mon Mar 21 2022

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.

Results:

Ice Thickness: 1.50 in.
Concurrent Temperature: 5 F
Gust Speed 50 mph

Data Source: Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8

Date Accessed: Mon Mar 21 2022

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.

The ASCE 7 Hazard Tool is provided for your convenience, for informational purposes only, and is provided “as is” and without warranties of any kind. The location data included herein has been obtained from information developed, produced, and maintained by third party providers; or has been extrapolated from maps incorporated in the ASCE 7 standard. While ASCE has made every effort to use data obtained from reliable sources or methodologies, ASCE does not make any representations or warranties as to the accuracy, completeness, reliability, currency, or quality of any data provided herein. Any third-party links provided by this Tool should not be construed as an endorsement, affiliation, relationship, or sponsorship of such third-party content by or from ASCE.

ASCE does not intend, nor should anyone interpret, the results provided by this Tool to replace the sound judgment of a competent professional, having knowledge and experience in the appropriate field(s) of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the contents of this Tool or the ASCE 7 standard.

In using this Tool, you expressly assume all risks associated with your use. Under no circumstances shall ASCE or its officers, directors, employees, members, affiliates, or agents be liable to you or any other person for any direct, indirect, special, incidental, or consequential damages arising from or related to your use of, or reliance on, the Tool or any information obtained therein. To the fullest extent permitted by law, you agree to release and hold harmless ASCE from any and all liability of any nature arising out of or resulting from any use of data provided by the ASCE 7 Hazard Tool.

Exhibit E

Mount Analysis



Maser Consulting Connecticut
 1055 Washington Blvd
 Stamford, CT 06901
 856.797.0412
 peter.albano@colliersengineering.com

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10146077
 Maser Consulting Connecticut Project #: 21777240A (Rev. 1)

April 25, 2022

Site Information

Site ID: 468137-VZW / NEW HARTFORD N CT
 Site Name: NEW HARTFORD N CT
 Carrier Name: Verizon Wireless
 Address: 115 Greenwoods Industrial Park
 New Hartford, Connecticut 06057
 Litchfield County
 Latitude: 41.886250°
 Longitude: -72.966139°

Structure Information

Tower Type: Monopole
 Mount Type: 14.67-Ft Platform

FUZE ID # 16271985

Analysis Results

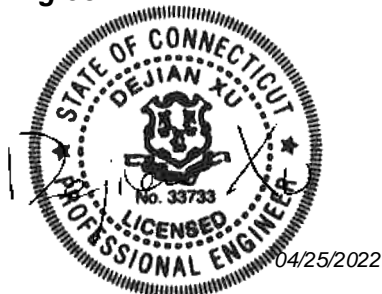
Pass: 53.8% **Pass w/ Modifications***

***Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.**

***Contractor PMI Requirements:

Included at the end of this MA report
 Available & Submitted via portal at <https://pmi.vzwsmart.com>
 For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Andy Hanes



Executive Summary:

The objective of this report is to summarize the analysis results of the antenna support mount including the proposed modifications at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards.

This analysis is inclusive of the mount structure only and does not address the structural capacity of the supporting structure. This mounting frame was not analyzed as an anchor attachment point for fall protection. All climbing activities are required to have a fall protection plan completed by a competent person.

Sources of Information:

Document Type	Remarks
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS, Site ID: 324455, dated December 16, 2021</i>
<i>Mount Mapping Report</i>	<i>Roaming Networks Inc., Site ID: 468137, dated March 25, 2021</i>
<i>Previous Mount Analysis</i>	<i>Maser Consulting Connecticut, Project #: 21777240A (Rev. 1), dated April 22, 2022</i>
<i>Mount Modification Drawings</i>	<i>Maser Consulting Connecticut, Project #: 21777240A (Rev. 1), dated April 25, 2022</i>

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 115 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.50 in Risk Category: II Exposure Category: C Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.980
Seismic Parameters:	S_s : 0.172 g S_1 : 0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, L_v : 250 lbs. Maintenance Live Load, L_m : 500 lbs.
Analysis Software:	RISA-3D (V17)

Final Loading Configuration:

The following equipment has been considered for the analysis of the mount:

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
145.00	147.00	3	Samsung	MT6407-77A	Added
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		1	RFS	DB-C1-12C-24AB-0Z	
		6	JMA Wireless	MX06FRO660-03	
		3	Commscope	TD-850B-LTE78-43	

It is acceptable to install up to any three (3) of the OVP model numbers listed below as required at any location other than the mount face without affecting the structural capacity of the mount. If OVP units are installed on the mount face, a mount re-analysis may be required unless replacing an existing OVP.

Model Number	Ports	AKA
DB-B1-6C-12AB-0Z	6	OVP-6
RVZDC-6627-PF-48	12	OVP-12

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Maser Consulting Connecticut and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Maser Consulting Connecticut to verify deviation will not adversely impact the analysis.
2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.

Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping and reported in the Mount Mapping Report are assumed to be corrected and documented as part of the PMI process and are not considered in the mount analysis.

The mount analysis and the mount mapping are not a condition assessment of the mount. Proper maintenance and condition assessments are still required post analysis.

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.
4. 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.
5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Maser Consulting Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
 - o Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
 - o HSS (Rectangular) ASTM 500 (Gr. B-46)
 - o Pipe ASTM A53 (Gr. B-35)
 - o Threaded Rod F1554 (Gr. 36)
 - o Bolts ASTM A325
8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Maser Consulting Connecticut.

Analysis Results:

Component	Utilization %	Pass/Fail
Connection Check	5.6 %	Pass
Standoff Pipe	14.1 %	Pass
Standoff Angle	49.9 %	Pass
Standoff Plate 2 (Pipe)	2.8 %	Pass
Threaded Rod	4.9 %	Pass
Bracing Channel	53.8 %	Pass
Standoff Channel	40.7 %	Pass
Standoff Plate 1 (Channel)	29.0 %	Pass
Face Horizontal	45.6 %	Pass
Cross Member	48.2 %	Pass
Corner Plate	0.4 %	Pass
Grating Angle	5.5 %	Pass
Mount Pipe P2.5	33.9 %	Pass
Mount Pipe	26.6 %	Pass
MOD Kickers	10.8 %	Pass
Mod Support Rail	19.5 %	Pass
Mod Support Rail Corner	25.5 %	Pass

Structure Rating – (Controlling Utilization of all Components)	53.8%
---	--------------

Mount Steel (EPA)a per ANSI/TIA-222-H Section 2.6.11.2:

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	39.5	37.3	54.0	51.8
0.5	49.5	52.6	72.8	69.7
1	59.4	62.5	88.5	85.4

Notes:

- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 3 sectors.
- Ka factors included in (EPA)a calculations

Requirements:

The existing mount will be **SUFFICIENT** for the final loading configuration (attachment 2) **after the modifications detailed in attachment 3 are successfully completed.**

ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other, if required. Separate review fees will apply.

Attachments:

1. **Contractor Required PMI Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Modification Drawings
4. Mount Photos
5. Mount Mapping Report (for reference only)
6. Analysis Calculations

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

Electronic pdf version of this can be downloaded at <https://pmi.vzwsmart.com>

For additional questions and support, please reach out to pmisupport@colliersengineering.com

PSLC #: 468137

SMART Project #: 10146077

Fuze Project ID: 16271985

Purpose – to upload the proper documentation to the SMART Tool in order to allow the SMART Tool engineering vendor to complete the required Mount Desktop review of the Post Modification Inspection Report.

- Contractor is responsible for making certain the photos provided as noted below provide confirmation that the modification was completed in accordance with the modification drawings.
- Contractor shall relay any data that can impact the performance of the mount or the mount modification, this includes safety issues.

Base Requirements:

- If installation of the modification will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide “as built drawings” showing contractor’s name, preparer’s signature, and date. Any deviations from the drawings (proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the post-modification passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo shall be time and date stamped.
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: <https://pmi.vzwsmart.com>

Photo Requirements:

- Photos taken at ground level
 - Photo of Gate Signs showing the tower owner, site name, and number.
 - Overall tower structure after installation of the modifications.
 - Photos of the mount after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed
- Photos taken at Mount Elevation
 - Photos showing the safety climb wire rope above and below the mount prior to modification.
 - Photos showing the climbing facility and safety climb if present.

- Photos showing each individual sector after installation of modifications. Each entire sector must be in one photo to show the interconnection of members.
 - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.
- Photos of each installed modification per the modification drawings; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
- Photos showing the distances (relative distance between collars) of the installed modifications from the appropriate reference locations shown in the modification drawings.
- Photos showing the installed modifications onto the tower (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, an elevation measurement shall be provided before the elevation change.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by the SMART Tool vendor.
 - If the materials are as specified on the drawings
 - The contractor shall provide the packing list, or the materials certifications for the materials utilized to perform the mount modification
 - Commscope, Metrosite, Perfect Vision, Sabre, and Site Pro have all agreed to support Verizon vendors with the necessary material certifications
 - If seeking permission to use an equivalent
 - It is required that the SMART Tool engineering vendor approval of such is included in the contractor submission package. There may be an additional charge for approval if the equivalent submission doesn't meet specifications as prescribed in the drawings.

All hardware has been properly installed, and the existing hardware was inspected.

The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings and included in the material certification folder is a packing list or invoice for these materials.

OR

The material utilized was approved by a SMART Tool engineering vendor as an "equivalent" and this approval is included as part of the contractor submission.

Antenna & Equipment Placement and Geometry Confirmation:

The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

OR

- The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.

Comments:

Was the mount modification completed in conjunction with the equipment change / installation?

- Yes No

Special Instructions / Validation as required from the MA or Mod Drawings:

Issue:

Response:

Special Instruction Confirmation:

- The contractor has read and acknowledges the above special instructions.

Comments:

Contractor certifies that the climbing facility / safety climb was not damaged prior to starting work:

- Yes No

Contractor certifies no new damage created during the current installation:

- Yes No

Contractor to certify the condition of the safety climb and verify no damage when leaving the site:

- Safety Climb in Good Condition Safety Climb Damaged

Comments:

--

Certifying Individual:

Company:	
Employee Name:	
Contact Phone:	
Email:	
Date:	

S r A
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 M E 145.

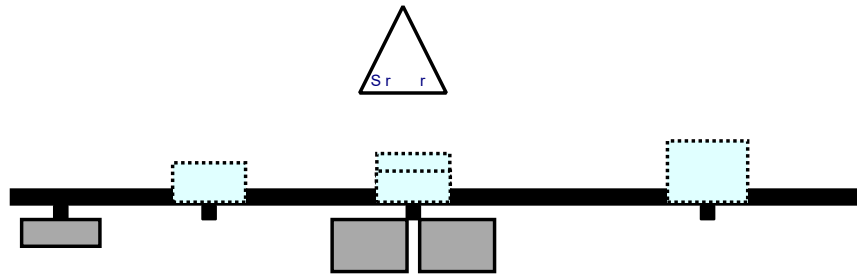
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4 25 2 22

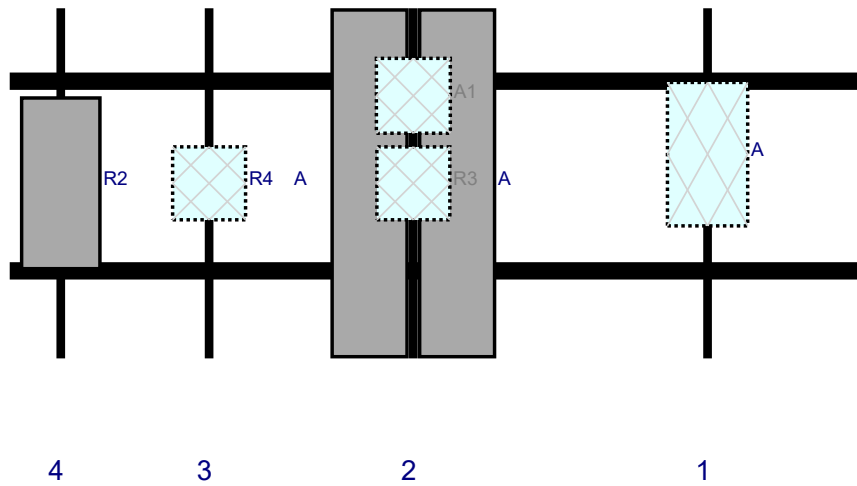
P 1



Plan View



Front View - L Sr r



R	M d	d	D	P	P	A	.A	A	S	d
		r	L	L	P	P	r	T.	O	
A	DB 1 12 24AB	2.5	1.5	143.5	1	B	d	3		Add d
A	M RO 3	1.3	15.4	3	2	r		3		Add d
A	M RO 3	1.3	15.4	3	2	r		3		Add d
R3	B2 B ARR BR 4	15	15	3	2	B	d	3		Add d
A1	TD 5 B LTE 43	15.4	15.2	3	2	B	d	1		Add d
R4	B5 B13 RR BR 4	15	15	41	3	B	d	3		Add d
R2	MT 4 A	35.1	1.1	1.5	4	r		3		Add d

S r B
 Sr r T M
 M E 145.

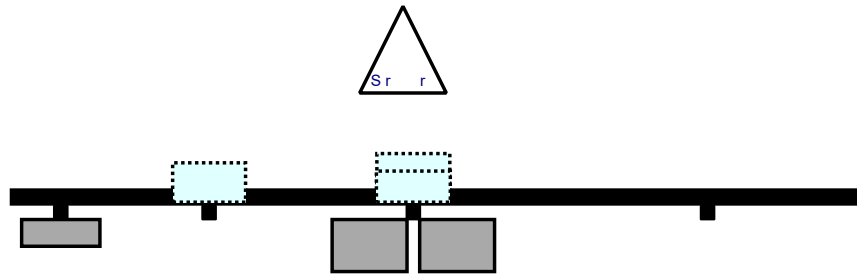
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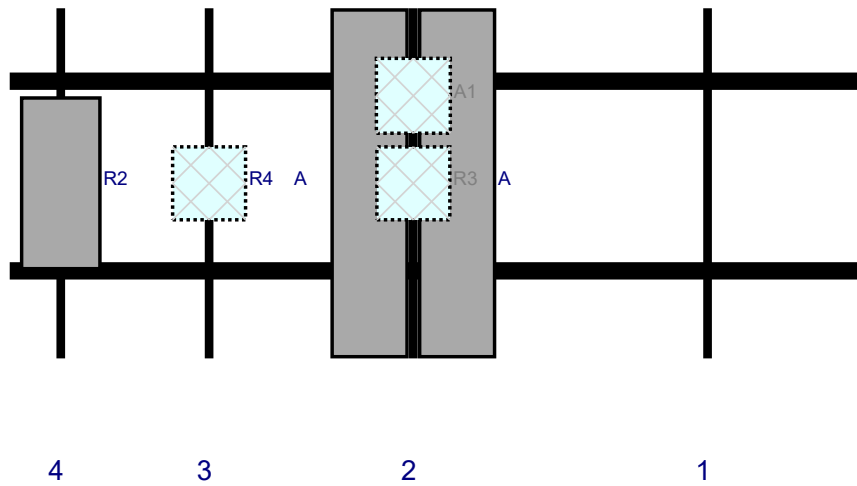
P 2



Plan View



Front View - L Sr r



R	M d			d	D	P	P	A	.A	A		
				r	L		P	P	r	T.	O	S
A	M	RO	3	1.3	15.4	3	2	r	3			Add d
A	M	RO	3	1.3	15.4	3	2	r	3			Add d
R3	B2 B	A RR	BR 4	15	15	3	2	B	d	3		Add d
A1	TD	5 B	LTE 43	15.4	15.2	3	2	B	d	1		Add d
R4	B5	B13 RR	BR 4	15	15	41	3	B	d	3		Add d
R2	MT	4	A	35.1	1.1	1.5	4	r	3			Add d

S r C
 Sr r T M
 M E 145.

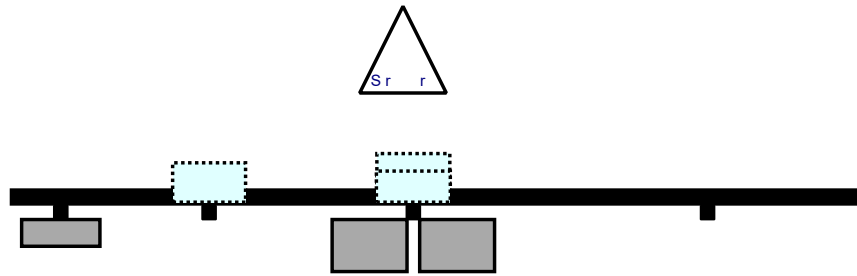
1 14

4 25 2 22

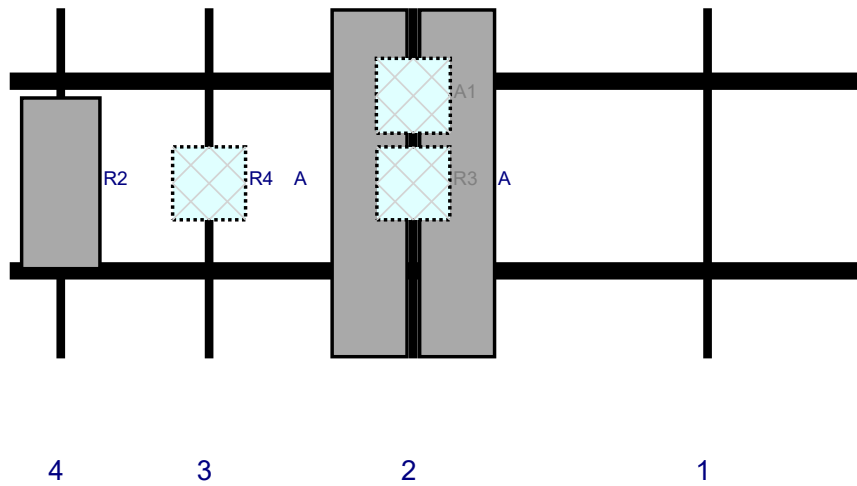
P 3



Plan View



Front View - L Sr r



R	M d			d	D	P	P	A	.A	A		
				r	L.		P	P	r	T.	O	S
A	M	RO	3	1.3	15.4	3	2	r	3			Add d
A	M	RO	3	1.3	15.4	3	2	r	3			Add d
R3	B2 B	A RR	BR 4	15	15	3	2	B	d	3		Add d
A1	TD	5 B	LTE 43	15.4	15.2	3	2	B	d	1		Add d
R4	B5	B13 RR	BR 4	15	15	41	3	B	d	3		Add d
R2	MT	4	A	35.1	1.1	1.5	4	r	3			Add d



MOUNT MODIFICATION DRAWINGS
EXISTING 14.67' PLATFORM

TOWER OWNER: CROWN CASTLE
TOWER OWNER SITE NUMBER: 876392

CARRIER SITE NAME: NEW HARTFORD N CT
CARRIER SITE NUMBER: 468137
FUZE ID: 16271985

115 GREENWOODS INDUSTRIAL PARK
NEW HARTFORD , CT 06057
LITCHFIELD COUNTY

LATITUDE: 41.88625° N
LONGITUDE: 72.966139° W



www.colliersengineering.com

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Doing Business as MASER CONSULTING



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SCALE: AS SHOWN JOB NUMBER: 21777240A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
1	4/25/2022	ISSUED FOR CONSTRUCTION	AH	DX
0	6/30/2021	ISSUED FOR CONSTRUCTION	FAC	DH

COLLIERS ENGINEERING & DESIGN CT, P.C.
C.T. C.O.A. #JPC.0000131

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE NAME:

NEW HARTFORD N CT
468137
115 GREENWOODS INDUSTRIAL PARK
NEW HARTFORD , CT 06057
LITCHFIELD COUNTY

STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 203.324.0800
COLLIERS ENGINEERING & DESIGN CT, P.C.
DOING BUSINESS AS MASER CONSULTING

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
ST-1

DESIGN CRITERIA
WIND LOADS BASIC WIND SPEED (3 SECOND GUST), V = 115 MPH EXPOSURE CATEGORY C TOPOGRAPHIC CATEGORY I MEAN BASE ELEVATION (AMSL) = 566.99'
ICE LOADS ICE WIND SPEED (3 SECOND GUST), V = 50 MPH ICE THICKNESS = 1.50 IN
SEISMIC LOADS SEISMIC DESIGN CATEGORY B SHORT TERM MCER GROUND MOTION, S _s = .172 LONG TERM MCER GROUND MOTION, S _s = .054

PROJECT INFORMATION
APPLICANT/LESSEE COMPANY: VERIZON WIRELESS CLIENT REPRESENTATIVE COMPANY: VERIZON WIRELESS PROJECT MANAGER COMPANY: COLLIERS ENGINEERING & DESIGN CONTACT: PETER ALBANO PHONE: 856.797.0412 E-MAIL: PETER.ALBANO@COLLIERSENGINEERING.COM

CONTRACTOR PMI REQUIREMENTS
PMI LOCATION: HTTPS://PMI.VZWSMART.COM SMART TOOL PROJECT #: 10146077 VZW LOCATION CODE (PSLC): 468137 ANALYSIS DATE: 4/25/2022 PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

SHEET INDEX
SHEET DESCRIPTION
ST-1 TITLE SHEET
SBOM-1 BILL OF MATERIALS
SGN-1 GENERAL NOTES
SCF-1 CLIMBING FACILITY DETAIL
SS-1 MODIFICATION DETAILS
SS-2 MOUNT PHOTOS
SPECIFICATION SHEETS

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PROJECT NOTES

- SEE MODIFICATION NOTES
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIES OR OTHER PUBLIC/GOVERNING AUTHORITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE AS A RESULT OF CONSTRUCTION OF THIS FACILITY AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING THE BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND CONSTRUCTION DRAWINGS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THESE DRAWINGS MUST BE VERIFIED. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
- SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY POTENTIALLY DANGEROUS EXPOSURE LEVELS.
- NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACILITY AS TO CAUSE A NUISANCE.
- THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQUIRED).

GENERAL NOTES

- THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
- CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING STRUCTURES. ANY DAMAGE TO EXISTING STRUCTURES AS A RESULT OF THE CONTRACTOR'S WORK OR FROM DAMAGE DUE TO OTHER CAUSES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE BEGINNING WORK, ORDERING MATERIAL, AND PREPARING OF SHOP DRAWINGS. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. IF THE CONTRACTOR DISCOVERS ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS, OR ANY CONDITIONS THAT WOULD INTERFERE WITH THE INSTALLATION OF THE MODIFICATIONS, NOTIFY THE ENGINEER IMMEDIATELY.
- IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
- ALL CONSTRUCTION MEANS AND METHODS, INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN AND SHALL MEET ANSII/TIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSII/TIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
- WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. THE

CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING ERECTION. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT, SHORING, BRACING AND ANY OTHER STRUCTURAL SYSTEMS AS REQUIRED TO RESIST ALL FORCES THAT MAY OCCUR DURING HANDLING AND ERECTION UNTIL THE STRUCTURE IS FULLY COMPLETED. TEMPORARY SUPPORTS, BRACING AND OTHER STRUCTURAL SYSTEMS REQUIRED DURING CONSTRUCTION SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THEIR USE.

- ALL INSTALLATIONS PERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, ANSII/TIA-322.
- CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUPERVISION OF OWNER. ALL FENCE, STONE, GEOFABRIC, GROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIEVE OWNER APPROVAL. POSITIVE DRAINAGE AWAY FROM TOWER SITE SHALL BE MAINTAINED.
- CONNECTIONS BETWEEN ITEMS SUPPORTED BY THE STRUCTURE AND THE STRUCTURE NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH CONNECTIONS SHALL BE DESIGNED, COORDINATED AND INSPECTED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT SIGNED AND SEALED CALCULATIONS DURING SHOP DRAWING REVIEW.
- DO NOT SCALE DRAWINGS.
- DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
- ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZE AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING.
- THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

STRUCTURAL STEEL

- DESIGN, DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
 - AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (15TH EDITION)
 - SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS
 - AISC CODE OF STANDARD PRACTICE
- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS OTHERWISE SHOWN:

CHANNELS, ANGLES, PLATES, ETC.	ASTM A36 (GR 36)
STEEL PIPE	ASTM A53 (GR 35)
BOLTS	ASTM A325
NUTS	ASTM A563
LOCK WASHERS	LOCKING STRUCTURAL GRADE

- ALL SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED IN WRITING BY THE ENGINEER. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR VERIFYING THE SUBSTITUTE IS SUITABLE FOR USE AND MEETS ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL PROVIDE ADDITIONAL DOCUMENTATION AND/OR SPECIFICATIONS TO THE ENGINEER AS REQUESTED.
- PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
 - SUBMIT SHOP DRAWINGS TO
PETER.ALBANO@COLLIERSENGINEERING.COM
 - PROVIDE MASER CONSULTING PROJECT # AND MASER CONSULTING PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
- DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
- GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
- CONTRACTOR SHALL PROTECT CUT ENDS OF ALL FIELD-CUT STEEL WITH TWO (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC COTE).
- ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 4.9.2 REQUIREMENTS.
- WHERE CONNECTIONS ARE NOT FULLY DETAILED ON THESE DRAWINGS, FABRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
- FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.

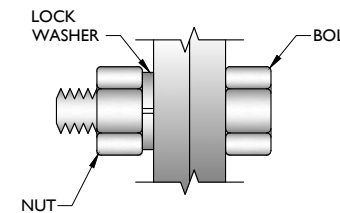
- ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
- GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- ALL EXISTING PAINTED/GALVANIZED SURFACES DAMAGED DURING REHAB INCLUDING AREAS UNDER STIFFENER PLATES SHALL BE WIRE BRUSHED CLEAN, REPAIRED BY COLD GALVANIZING (ZINGA OR ZINC COTE), AND REPAINTED TO MATCH THE EXISTING FINISH (IF APPLICABLE).
- ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.

WELDING NOTES

- ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.0 (LATEST EDITION). THIS SHALL INCLUDE A CERTIFIED WELD INSPECTION (CWI) FOR ACCEPTANCE OR REJECTION OF ALL WELDING OPERATIONS, PRE, DURING, AND POST INSTALLATION, USING THE ACCEPTANCE CRITERIA OF AWS D1.1.
- CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING A THIRD PARTY CERTIFIED WELD INSPECTOR (CWI) THROUGHOUT THE ENTIRETY OF THE PROJECT. A PASSING CWI REPORT SHALL BE PROVIDED TO THE ENGINEER UPON COMPLETION OF THE PROJECT.
- THE CERTIFIED WELD INSPECTOR SHALL INDICATE, IN A WRITTEN CWI REPORT, THAT ALL WELDING OPERATIONS PRE, DURING, AND POST INSTALLATION WERE CONDUCTED IN ACCORDANCE WITH AWS D1.1 WITH PHOTOGRAPHS AND DOCUMENTATION SUPPORTING THE ACCEPTANCE OR REJECTION OF ALL WELDING. ALL CWI WELD INSPECTION DOCUMENTATION AND PHOTOS SHALL BE SUBMITTED DURING THE PMI.
- IN CASES WHERE A WELD IS SPECIFIED BETWEEN TWO MEMBERS IN WHICH THERE IS A GAP IN BETWEEN, THE WELD IS TO BE BUILT-UP SUCH THAT THE SIZE OF WELD ON THE MEMBER IS EQUAL TO THAT SHOWN IN THE DRAWINGS.
- OXY FUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING IS PERMITTED ON SITE. ALL HOLES SHALL BE CUT WITH A GRINDER.
- CONTRACTOR SHALL EXERCISE CAUTION WHEN WELDING A GALVANIZED SURFACE.
- CONTRACTOR SHALL HAVE A FIRE PROTECTION PLAN IN PLACE THAT CONFORMS WITH ALL OSHA, ANSII/ASSE A10.48, ANSII Z49.1, AND LOCAL JURISDICTIONAL REQUIREMENTS.

BOLT SCHEDULE (IN.)				
BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	SPACING
1/2	9/16	9/16 x 11/16	7/8	1 1/2
5/8	11/16	11/16 x 7/8	1 1/8	1 7/8
3/4	13/16	13/16 x 1	1 1/4	2 1/4
7/8	15/16	15/16 x 1 1/8	1 1/2	2 5/8
1	1 1/16	1 1/16 x 1 5/16	1 3/4	3

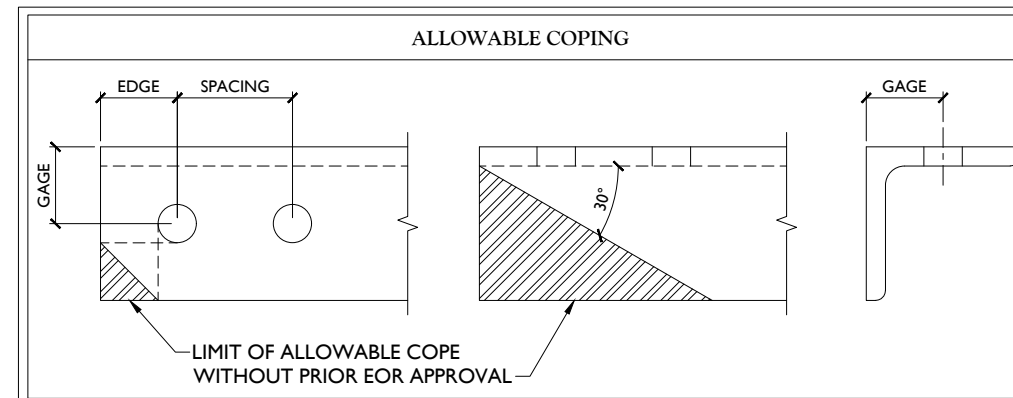
WORKABLE GAGES (IN.)	
LEG	GAGE
4	2 1/2
3 1/2	2
3	1 3/4
2 1/2	1 3/8
2	1 1/8



TYP. BOLT ASSEMBLY

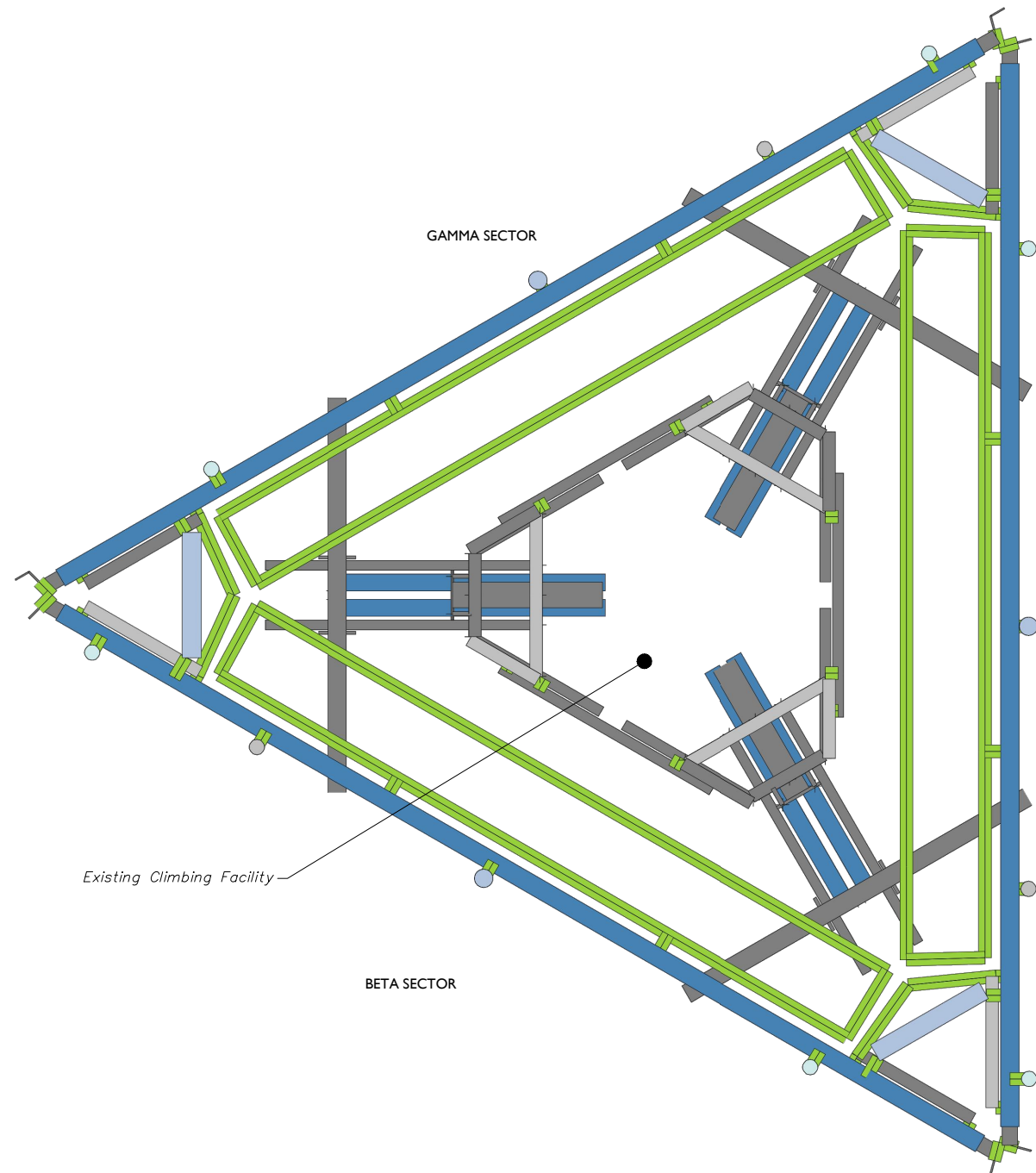
NOTES:

- ALL DIMENSIONS REPRESENTED IN THE ABOVE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
- THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
- SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
- MATCH EXISTING GAGES WHEN APPLICABLE, UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.



811 PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE
Know what's below. Call before you dig.
FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

SCALE:	AS SHOWN	JOB NUMBER:	21777240A
REV	DATE	DESCRIPTION	DRAWN BY / CHECKED BY
1	4/25/2022	ISSUED FOR CONSTRUCTION	AH / DX
0	6/30/2021	ISSUED FOR CONSTRUCTION	FAC / DH



ALPHA SECTOR



CLIMBING FACILITY PHOTO

1 CLIMBING FACILITY LOCATION
SCALE : N.T.S.

STRUCTURAL NOTES:

1. PER THE MOUNT MAPPING COMPLETED BY ROAMING NETWORKS INC. ON 3/25/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (145'-0") ARE IN GOOD CONDITION. COLLIERS ENGINEERING & DESIGN DOES NOT WARRANT THIS INFORMATION.
2. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.



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COLLIERS ENGINEERING & DESIGN CT, P.C.
C.T. C.O.A. #JPC.0000131

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE NAME:
**NEW HARTFORD N CT
468137**
115 GREENWOODS INDUSTRIAL PARK
NEW HARTFORD , CT 06057
LITCHFIELD COUNTY

Colliers Engineering & Design
STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 203.324.0800
COLLIERS ENGINEERING & DESIGN CT, P.C.
DOING BUSINESS AS MASER CONSULTING

SHEET TITLE:
CLIMBING FACILITY DETAIL

SHEET NUMBER:
SCF-1

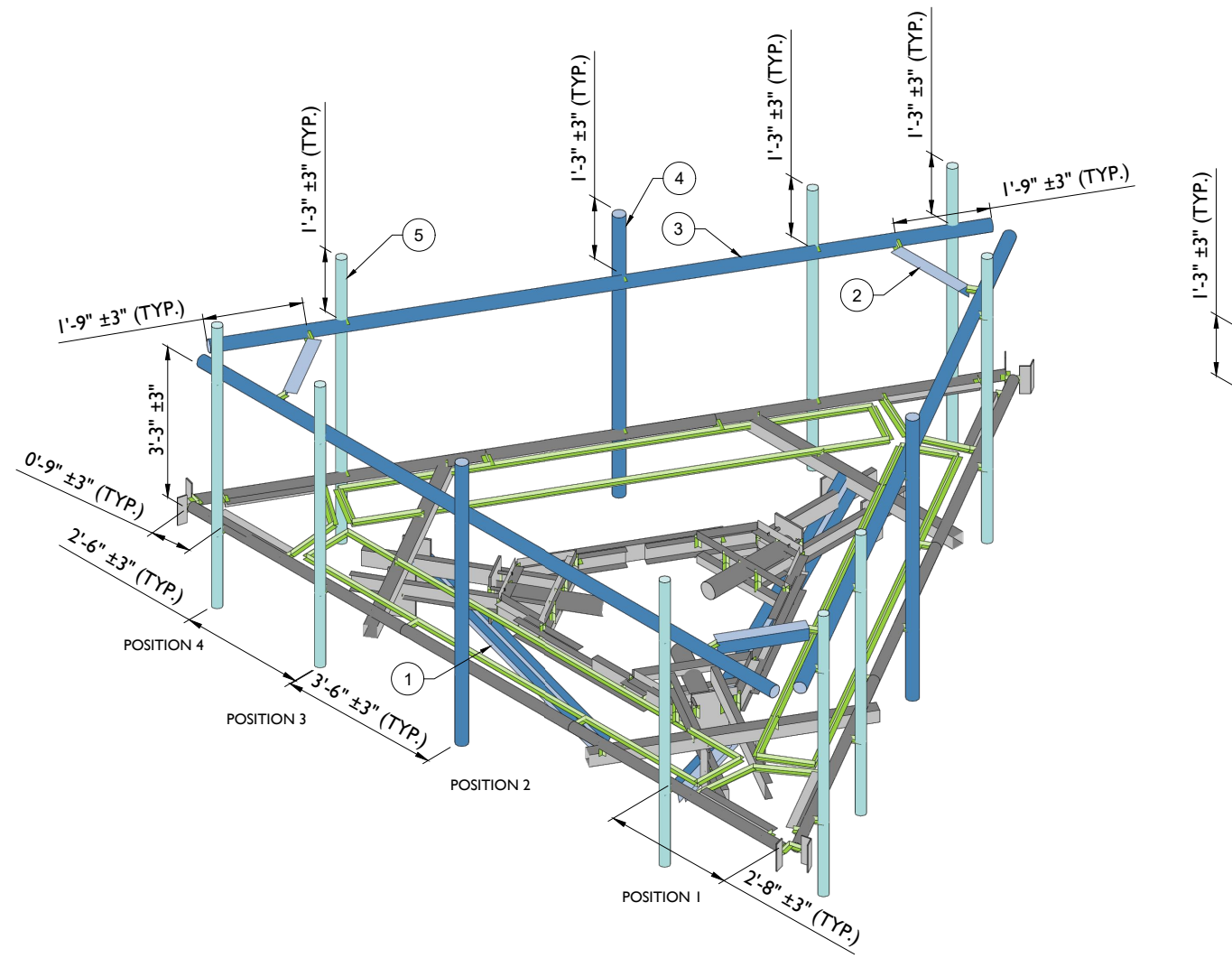
LEGEND:

- PROPOSED
- RELOCATED
- EXISTING

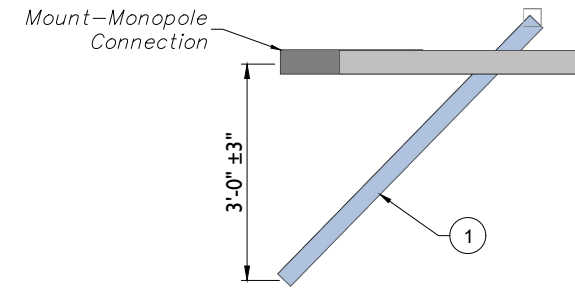
MOUNT MODIFICATION SCHEDULE

NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1		1	PROPOSED KICKER KIT (PART #: VZWSMART-PLK5))	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. CONNECT OTHER END OF KICKER KIT TO MONOPOLE COLLAR MOUNT ASSEMBLY (PART #: VZWSMART-PLK7).
2		3	PROPOSED SUPPORT RAIL CORNER BRACKET (PART #: VZWSMART-PLK3)	CONTRACTOR SHALL CONNECT PROPOSED L3X3X1/4 ANGLES TO CORNER BRACKETS USING THE PROVIDED (8) 5/8" DIA. BOLTS, (4) BOLTS PER CONNECTION. CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.
3	145'-0"	3	170" LONG, P2 1/2 STD PIPE	RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE. CONNECT NEW HORIZONTAL TO ALL VERTICAL MOUNT PIPES WITH CROSSOVER PLATES (PART #: VZWSMART-MSK1).
4		3	72" LONG, P2 1/2 STD PIPE	CONTRACTOR SHALL REMOVE EXISTING MOUNT PIPE IN POSTION 2 ON ALL SECTORS. CONNECT NEW MOUNT PIPE TO EXISTING HORIZONTAL WITH CROSSOVER PLATES (PART #: VZWSMART-MSK1).
5		9	RELOCATE EXISTING MOUNT PIPES	CONTRACTOR SHALL RELOCATE EXISTING MOUNT PIPES IN POSITIONS 1, 3, AND 4 ON ALL SECTORS. CONNECT MOUNT PIPES TO EXISTING HORIZONTAL WITH CROSSOVER PLATES (PART #: VZWSMART-MSK1).

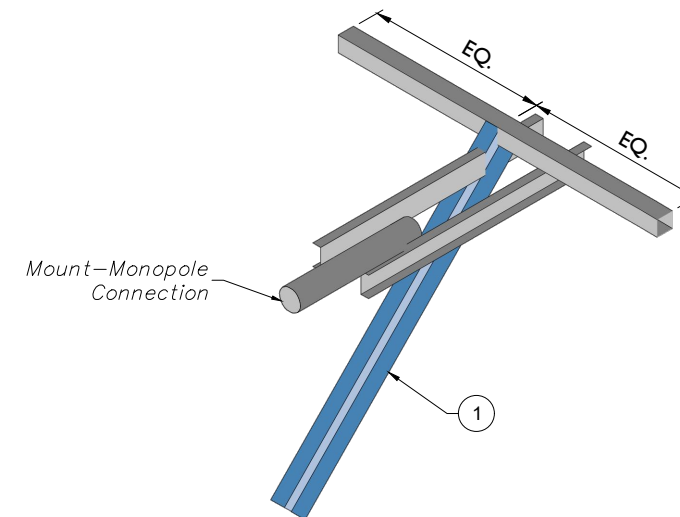
NOTES:
 MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
 THREADED ROD FROM PROPOSED KITS SHALL BE TRIMMED TO EXTEND NO MORE THAN 3" BEYOND THE LOCK NUT. TREAT ALL CUT ENDS WITH (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC KOTE).



1 PROPOSED ISOMETRIC VIEW
 SCALE : N.T.S.

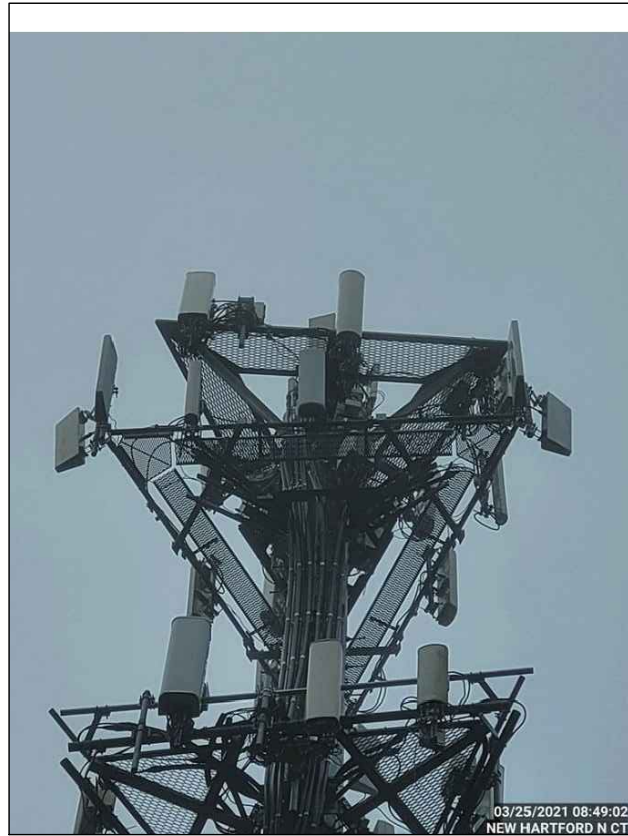


2 PROPOSED SIDE ELEVATION VIEW (TYP. ALL SECTORS)
 SCALE : N.T.S.



3 PROPOSED KICKER ISOMETRIC VIEW (TYP. ALL SECTORS)
 SCALE : N.T.S.

SCALE:	AS SHOWN	JOB NUMBER:	21777240A
REV	DATE	DESCRIPTION	DRAWN BY / CHECKED BY
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MOUNT PHOTO 1



MOUNT PHOTO 2



MOUNT PHOTO 3



MOUNT PHOTO 4



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COLLIERS ENGINEERING & DESIGN CT, P.C.
 C.T. C.O.A. #JPC.0000131

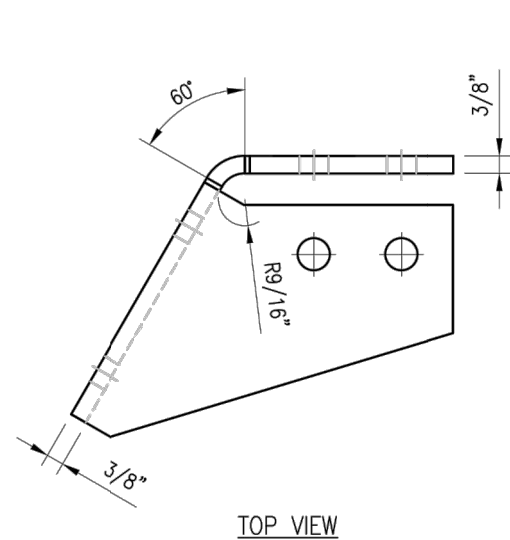
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE NAME:
 NEW HARTFORD N CT
 468137
 115 GREENWOODS INDUSTRIAL PARK
 NEW HARTFORD , CT 06057
 LITCHFIELD COUNTY

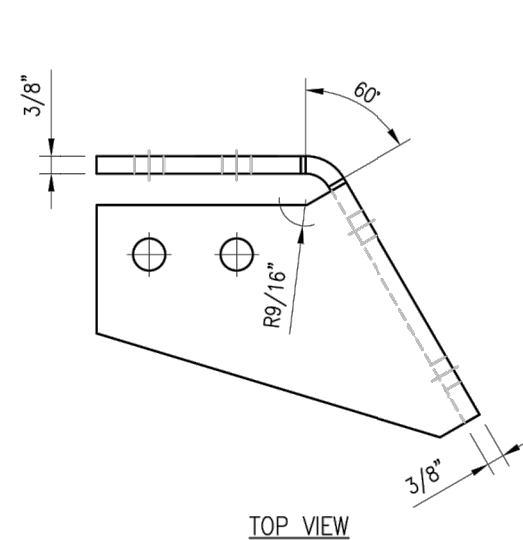
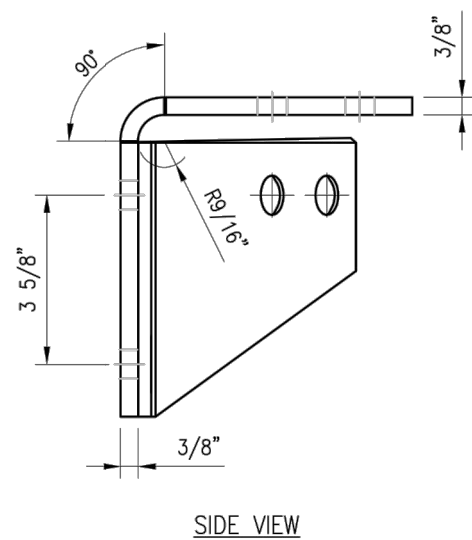
Colliers Engineering & Design
 STAMFORD
 1055 Washington Boulevard
 Stamford, CT 06901
 Phone: 203.324.0800
 COLLIERS ENGINEERING & DESIGN CT, P.C.
 DOING BUSINESS AS MASER CONSULTING

SHEET TITLE:
MOUNT PHOTOS

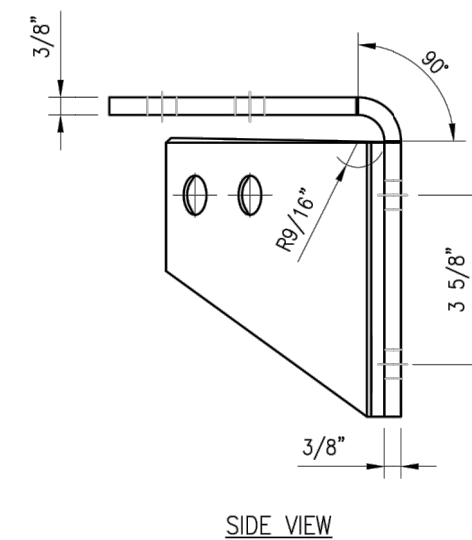
SHEET NUMBER:
SS-2



CBP-L



CBP-R



NOTES:

1. HOT-DIPPED GALVANIZED PER ASTM A123.

VZSMART-PLK3 (SUPPORT RAIL CORNER BRACKET)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	CBP-L	CORNER BENT PLATE BRACKET	PLK3-F1	9
2	1	CBP-R	CORNER BENT PLATE BRACKET	PLK3-F1	9
3	4	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	5
4	8	---	BOLT 5/8" X 2" A325	---	3
5	16	FW-625	5/8" HDG USS FLAT WASHER	---	1
6	16	LW-625	5/8" HDG LOCK WASHER	---	0
7	16	NUT-625	5/8" HDG HEX NUT	---	2
GALVANIZED WT					30

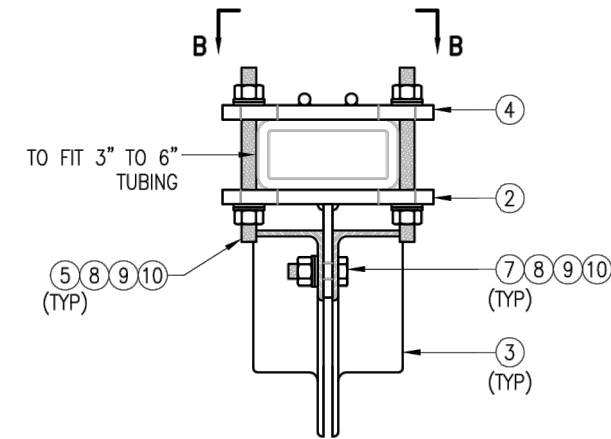
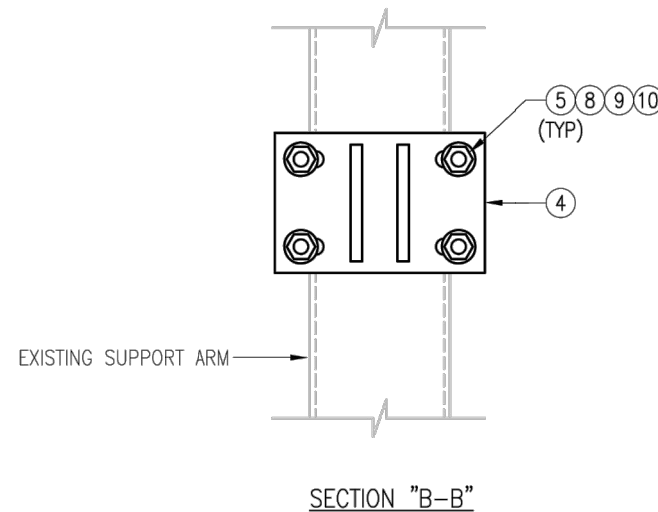
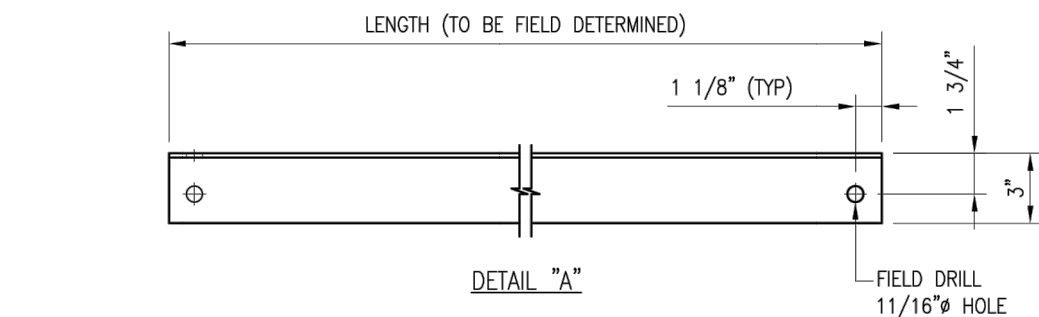
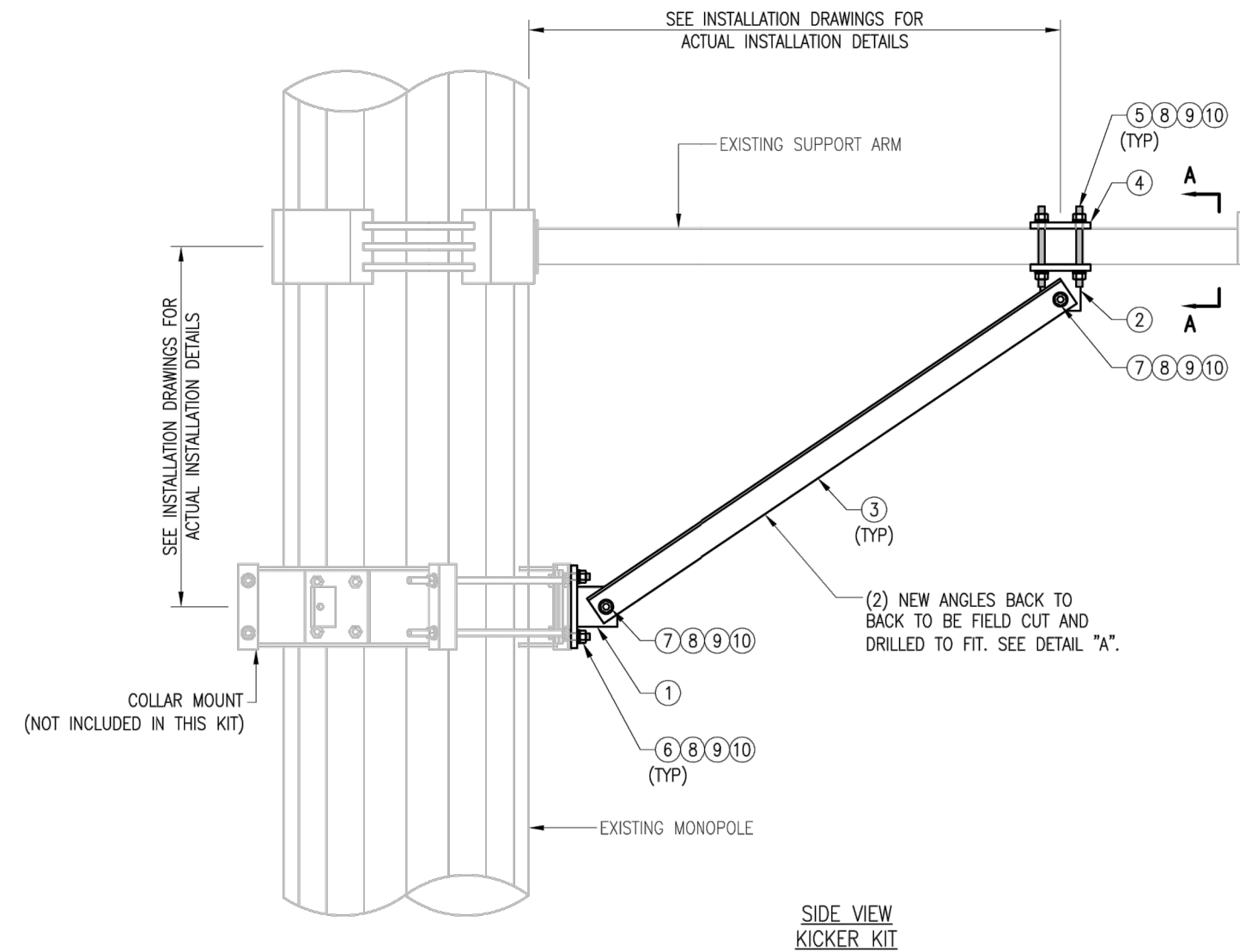
DRAWN BY: H.R. CHECKED BY: HMA

REV.	DESCRIPTION	BY	DATE
△ 1	FIRST ISSUE	H.R.	05/08/20
△			
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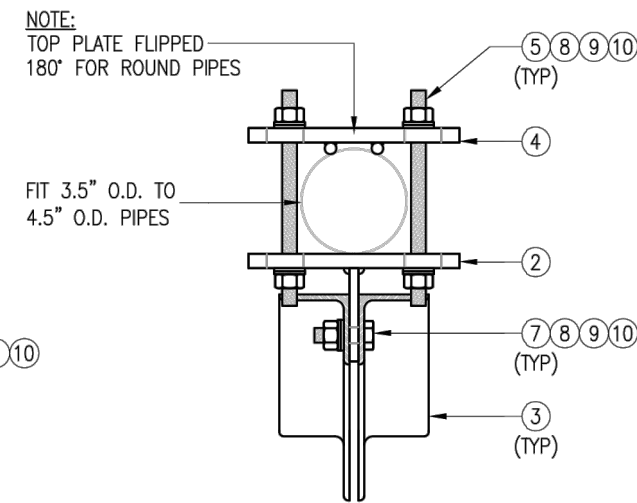
SHEET TITLE:
**VZSMART-PLK3
 SUPPORT RAIL CORNER
 BRACKET**

SHEET NUMBER: **VZSMART-PLK3** REV #: **0**

NOTE:
THE LOCATION OF KICKER AND EXISTING ANTENNA MOUNT SHOWN ON THE DRAWING IS FOR REPRESENTATION PURPOSE ONLY. SEE INSTALLATION DRAWINGS FOR ACTUAL INSTALLATION OF DETAILS.



SECTION "A-A"
RECT. HSS MOUNTING



SECTION "A-A"
ROUND PIPE MOUNTING

VZSMART-PLK5 (KICKER KIT)						
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT	
1	3	BRKW-XXX	BRACKET WELDMENT A36	PLK5-F3	43.8	
2	3	BRKW-XXXX	BRACKET WELDMENT A36	PLK5-F2	35.7	
3	6	L331875-8	L 3" X 3" X 3/16" X 8'-0" A36	PLK5-F4	182.9	
4	3	PL-KI	PL 5/8" X 6" X 9" A36	PLK5-F1	29.0	
5	12	---	THREADED ROD 5/8" DIA. X 1'-0" F1554-36 HDG	---	---	
6	6	---	BOLT 5/8" X 2" A325	---	---	
7	12	---	BOLT 5/8" X 2 1/2" A325	---	---	
8	42	FW-625	5/8" HDG USS FLAT WASHER	---	3	
9	42	LW-625	5/8" HDG LOCK WASHER	---	1	
10	42	NUT-625	5/8" HDG HEX NUT	---	5	
					GALVANIZED WT	291

NOTES:
1. ALL HOLES ARE 11/16" DIA. U.N.O
2. HOT-DIPPED GALVANIZED PER ASTM A123.
3. FIT UP TO 6" SQ. TUBING OR 4 1/2" O.D. PIPE

VzW
SMART Tool[®]
Vendor

verizon

DRAWN BY: MN CHECKED BY: HMA/KW

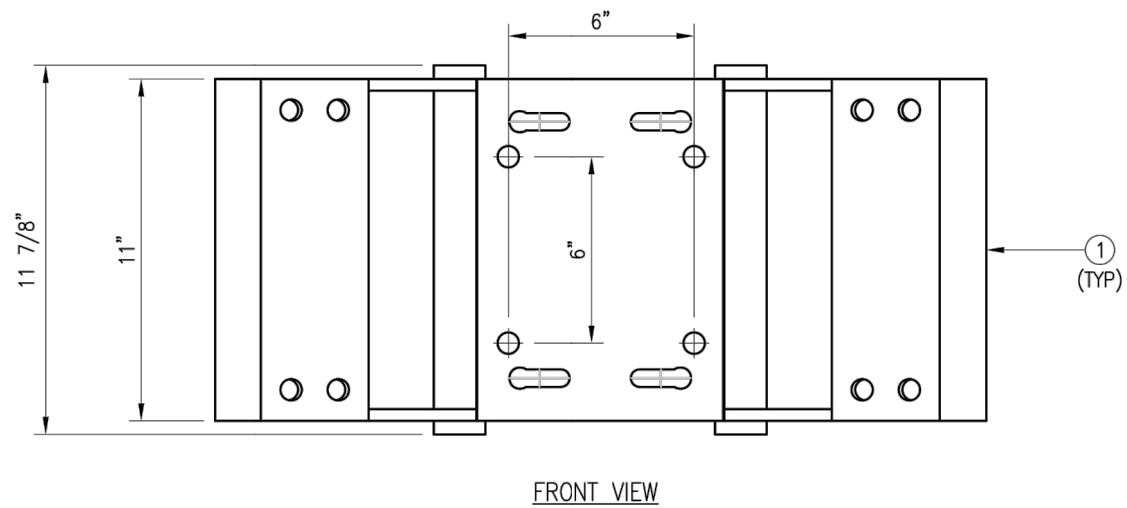
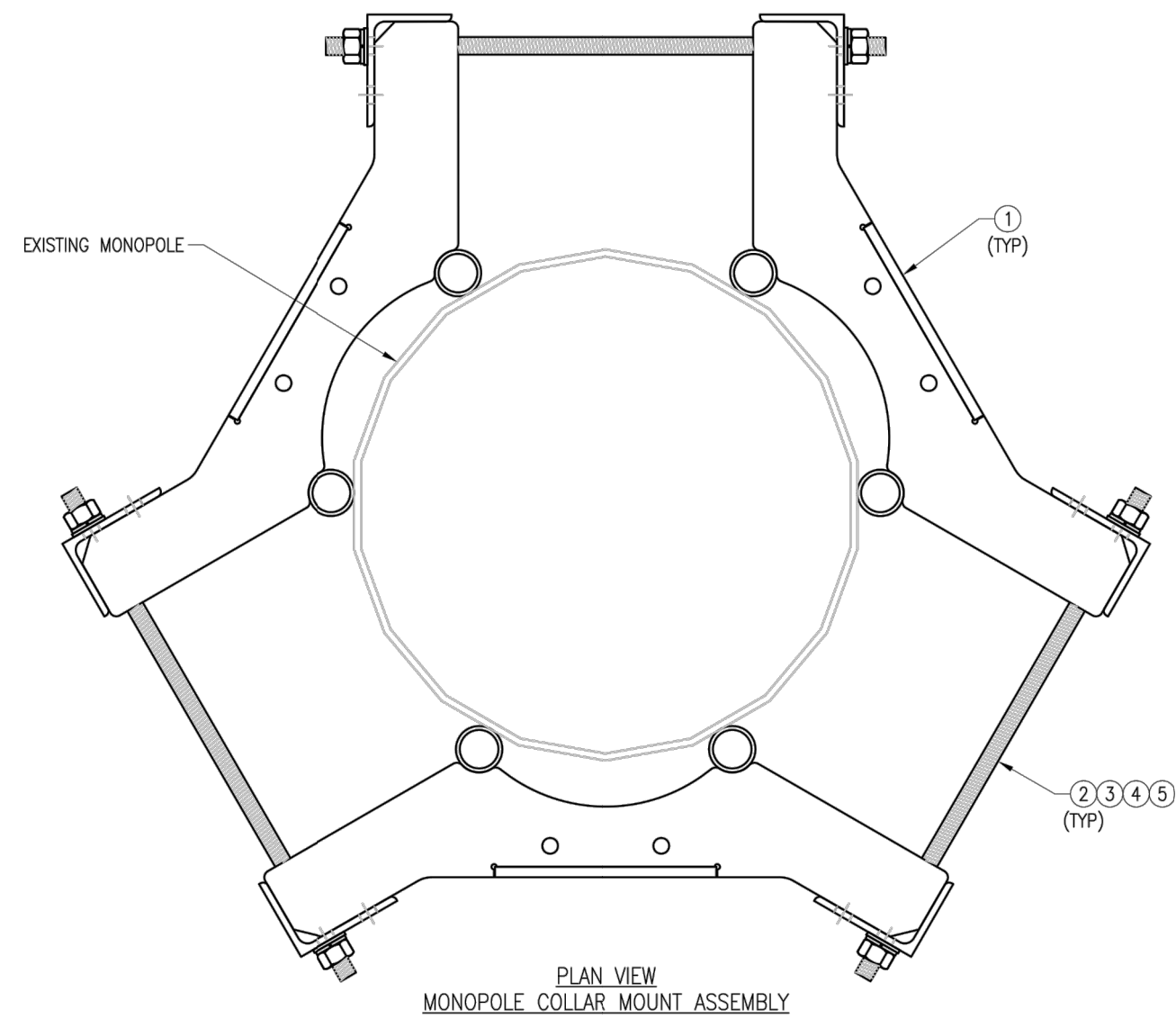
REV.	DESCRIPTION	BY	DATE
△	FIRST ISSUE	MN	05/08/20
△			
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△			

SHEET TITLE:

VZSMART-PLK5
KICKER KIT

SHEET NUMBER: REV #:

VZSMART-PLK5 0



NOTES:
 1. FIT 12" TO 45" DIA MONOPOLE.
 2. HOT-DIPPED GALVANIZED PER ASTM A123.

VZSMART-PLK7 (MONOPOLE COLLAR MOUNT ASSEMBLY)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	3	CM-1245	COLLAR MOUNT ASSEMBLY	PLK7-F1	147
2	6	---	THREADED ROD 5/8" X 4'-0" A193-B7	---	---
3	12	FW-625	5/8" HDG USS FLAT WASHER	---	1
4	12	LW-625	5/8" HDG LOCK WASHER	---	0
5	12	NUT-625	5/8" HDG HEX NUT	---	1
GALVANIZED WT					150

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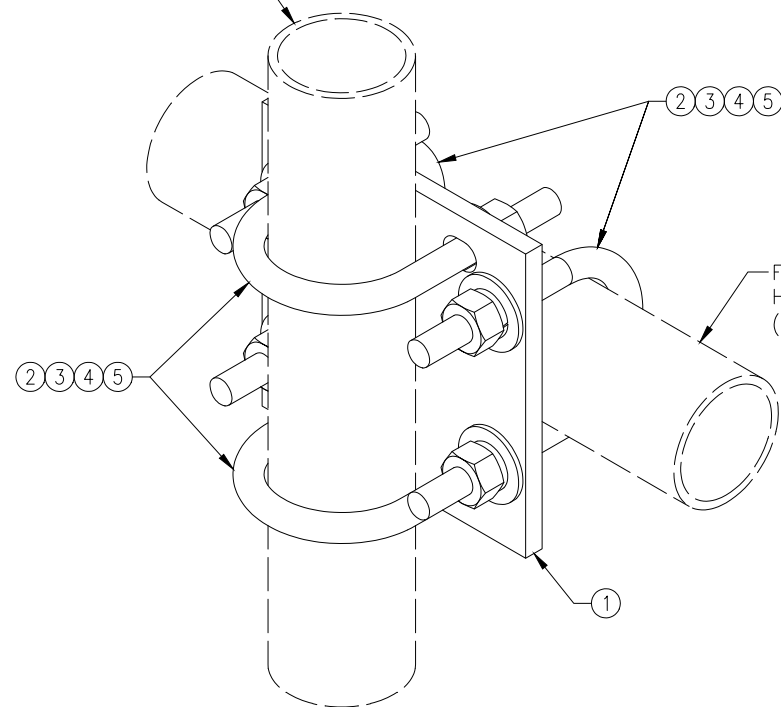
REV.	DESCRIPTION	BY	DATE
△	FIRST ISSUE	BT	05/11/20
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△			
△			

SHEET TITLE:
 VZSMART-PLK7
 MONOPOLE COLLAR
 MOUNT ASSEMBLY

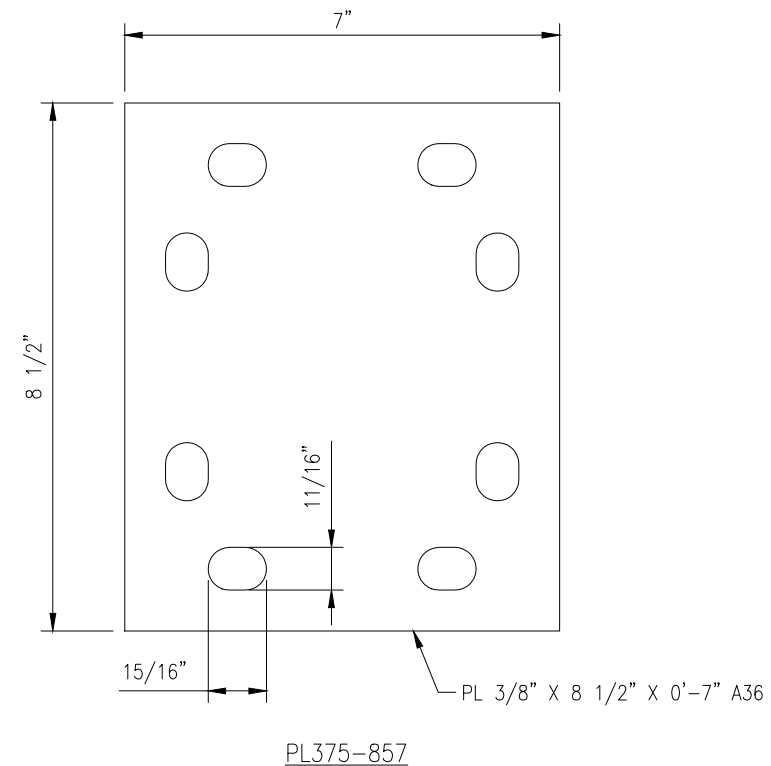
SHEET NUMBER: VZSMART-PLK7 REV #: 0



FITS 2.375" O.D. AND 2.875" O.D.
 VERTICAL PIPE.
 (NOT INCLUDED IN THIS KIT)



FITS 2.375" O.D. AND 2.875" O.D.
 HORIZONTAL PIPE.
 (NOT INCLUDED IN THIS KIT)

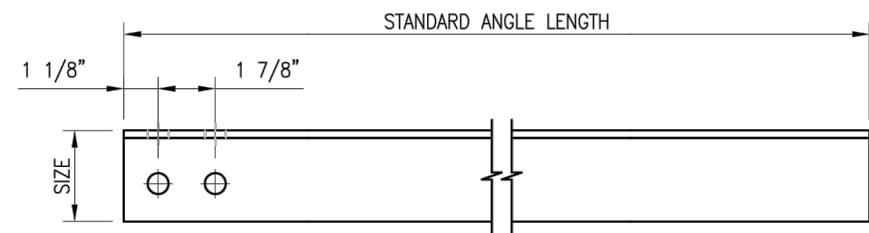


NOTES:
 1. HOT-DIPPED GALVANIZED PER ASTM A123.

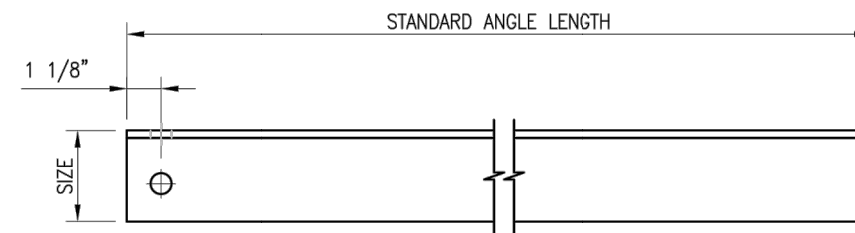
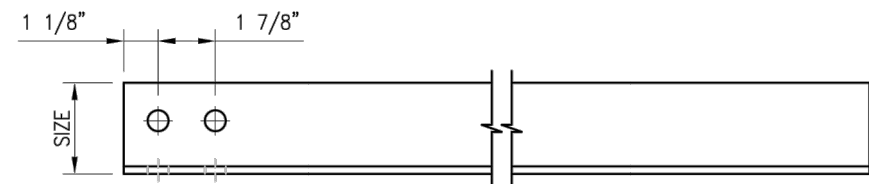
VZWSMART-MSK1 (CROSSOVER PLATE)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	PL375-857	PL 3/8" X 8 1/2" X 0'-7" A36	MSK1-F1	6
2	4	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	5
3	8	FW-625	5/8" HDG USS FLAT WASHER	---	1
4	8	LW-625	5/8" HDG LOCK WASHER	---	0
5	8	NUT-625	5/8" HDG HEX NUT	---	1
GALVANIZED WT					14

DRAWN BY: H.R		CHECKED BY: HMA	
REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	H.R	05/08/20

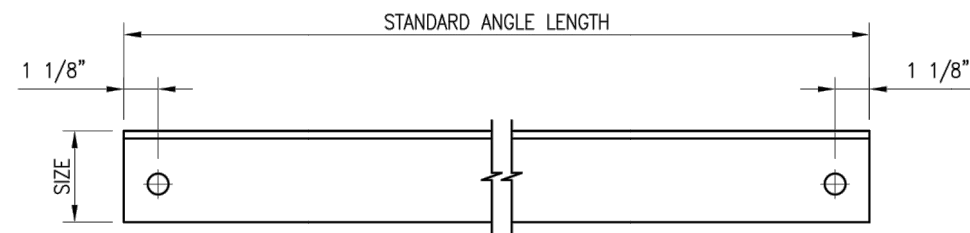
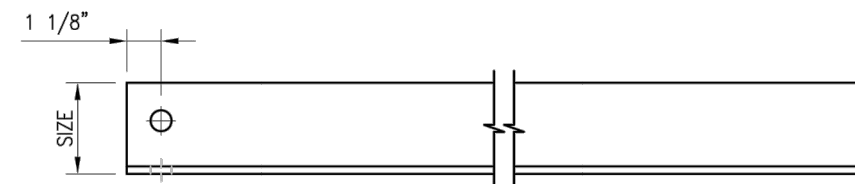
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VZWSMART-MSK1 CROSSOVER PLATE	
SHEET NUMBER:	REV #:
VZWSMART-MSK1	0



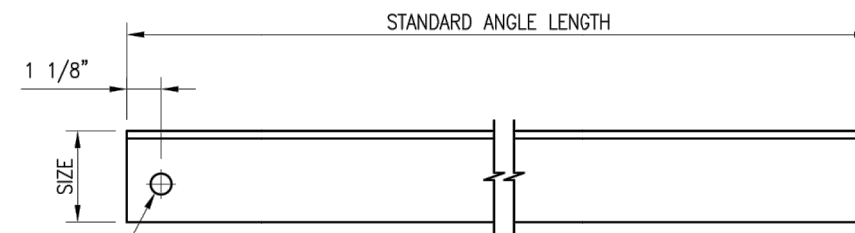
HOLE STYLE "A"



HOLE STYLE "B"



HOLE STYLE "C"



HOLE STYLE "D"

SEE NOTE "3" & "4"
(TYP)

NOTE:
 APPROVED SMART KIT VENDORS ARE ALLOWED TO SUBSTITUTE AT THEIR DISCRETION ANGLES LISTED ON THIS PAGE FOR CUSTOM LENGTH COMPONENTS OF MATCHING SIZE. SUBSTITUTIONS SHALL MEET THE ORIGINAL STRUCTURAL INTENT.

- NOTES:**
1. ALL ANGLE GRADE A36 OR BETTER.
 2. HOT-DIPPED GALVANIZED PER ASTM A123.
 3. ALL HOLES ARE 11/16" DIA. U.N.O
 4. HOLES MAY OR MAY NOT BE PRESENT, DEPEND UPON MANUFACTURE DISCRETION.
 5. ALL FIELD CUT AND DRILLED SURFACES SHALL BE REPAIRED WITH A MINIMUM OF TWO COATS OF ZINGA OR ZINC COTE PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.

VZWSMART Standard Angle					
VZWSMART Number	Size	Length	Hole Style	Hole Gage	Also Used In:
A-PLK2-01	L 3" X 3" X 1/4"	96"	A	1-3/4"	VZWSMART-PLK2
A-PLK5-01	L 3" X 3" X 3/16"	96"	B	1-3/4"	VZWSMART-PLK5
A-SFK3-01	L 2-1/2" X 2-1/2" X 1/4"	96"	C	1-3/8"	VZWSMART-SFK3, -SFK3-SL, -PLK6, & -PLK8
A-L25X25X4X120	L 2-1/2" X 2-1/2" X 1/4"	120"	D	1-5/16"	
A-L25X25X4X240	L 2-1/2" X 2-1/2" X 1/4"	240"	D	1-5/16"	
A-L30X30X4X120	L 3" X 3" X 1/4"	120"	D	1-1/2"	
A-L30X30X4X240	L 3" X 3" X 1/4"	240"	D	1-1/2"	
A-L40X40X4X120	L 4" X 4" X 1/4"	120"	D	2"	
A-L40X40X4X240	L 4" X 4" X 1/4"	240"	D	2"	
A-L50X30X6X120	L 5" X 3" X 3/8"	120"	D	2-1/2"	
A-L50X50X6X120	L 5" X 5" X 3/8"	120"	D	2-1/2"	

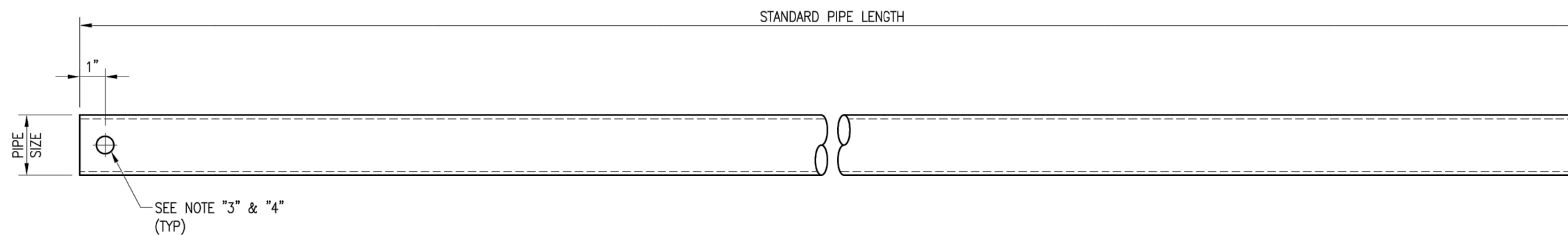
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REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	BT	08/04/21

SHEET TITLE:

VZWSMART
 STANDARD ANGLE

SHEET NUMBER: VZWSMART-ANGLE REV #: 0



VZWSMART Standard Pipe		
VZWSMART Number	Size	Length
P40-238X048	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	48"
P40-238X072	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	72"
P40-238X096	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	96"
P40-238X120	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	120"
P40-238X126	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	126"
P40-238X150	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	150"
P40-238X174	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	174"
P40-278X048	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	48"
P40-278X072	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	72"
P40-278X096	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	96"
P40-278X120	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	120"
P40-278X126	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	126"
P40-278X150	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	150"
P40-278X174	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	174"
P40-312X048	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	48"
P40-312X072	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	72"
P40-312X126	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	126"
P40-312X150	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	150"
P40-312X174	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	174"

NOTE:
 APPROVED SMART KIT VENDORS ARE ALLOWED TO SUBSTITUTE AT THEIR DISCRETION
 PIPES LISTED ON THIS PAGE FOR CUSTOM LENGTH COMPONENTS OF MATCHING SIZE.
 SUBSTITUTIONS SHALL MEET THE ORIGINAL STRUCTURAL INTENT.

- NOTES:**
1. ALL PIPE GRADE A53-B OR BETTER.
 2. HOT-DIPPED GALVANIZED PER ASTM A123.
 3. ALL HOLES ARE 11/16" DIA. U.N.O
 4. HOLES MAY OR MAY NOT BE PRESENT, DEPEND UPON MANUFACTURE DISCRETION.
 5. ALL FIELD CUT AND DRILLED SURFACES SHALL BE REPAIRED WITH A MINIMUM OF TWO COATS OF ZINGA OR ZINC COTE PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.

DRAWN BY: BT | CHECKED BY: HMA/KW

REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	BT	08/04/21

SHEET TITLE:

VZWSMART
 STANDARD PIPE

SHEET NUMBER: VZWSMART-PIPE | REV #: 0





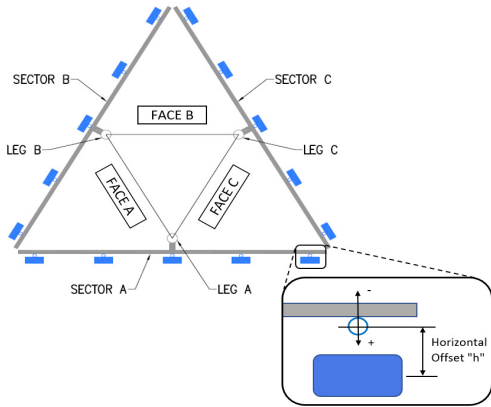
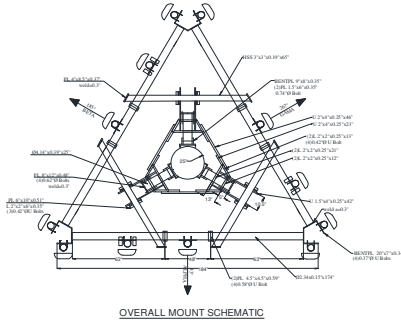
PAUL J. FORD & COMPANY

Antenna Mount Mapping Form (PATENT PENDING)

FCC #
N/A

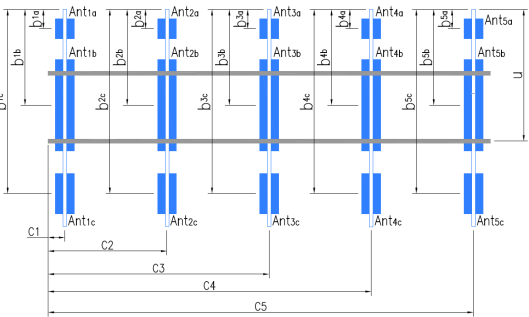
Tower Owner:	CCI	Mapping Date:	03/25/2021
Site Name:	CCI: New Hartford/ Executive Greet, VZW:NEW HARTFORD N CT	Tower Type:	Monopole
Site Number or ID:	PSLC: 468137	Tower Height (Ft.):	N/A
Mapping Contractor:	Roaming Networks Inc.	Mount Elevation (Ft.):	146.19

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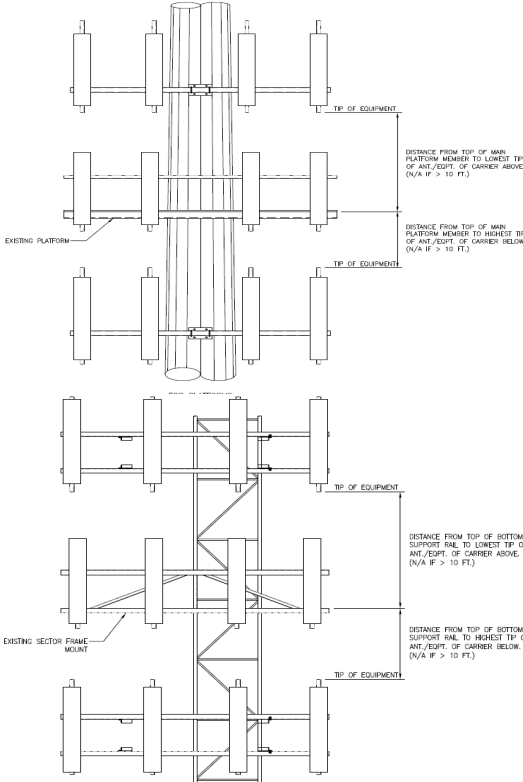
Mount Pipe Configuration and Geometries [Unit = Inches]								
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	
A1	PIPE Ø 2.38"x0.20"x73"	54.50	2.50	C1	PIPE Ø 2.38"x0.2"x73"	54.50	2.50	
A2	PIPE Ø 2.37"x0.17"x73"	54.50	93.00	C2	PIPE Ø 2.37"x0.17"x73"	54.50	93.00	
A3	PIPE Ø 2.35"x0.12"x72"	53.50	145.00	C3	PIPE Ø 2.35"x0.12"x72"	53.50	145.00	
A4	PIPE Ø 2.35"x0.12"x72"	53.50	182.00	C4	PIPE Ø 2.35"x0.12"x72"	53.50	182.00	
A5				C5				
A6				C6				
B1	PIPE Ø 2.38"x0.2"x73"	54.50	2.50	D1				
B2	PIPE Ø 2.37"x0.17"x73"	54.50	93.00	D2				
B3	PIPE Ø 2.35"x0.12"x72"	53.50	145.00	D3				
B4	PIPE Ø 2.35"x0.12"x72"	53.50	182.00	D4				
B5				D5				
B6				D6				
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							0.00	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							9	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :								
Please enter additional information or comments below.								
Tower Face Width at Mount Elev. (ft.):							Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	25

Ants. Items	Enter antenna model. If not labeled, enter "Unknown".					Mounting Locations [Units are inches and degrees]				Photos of antennas Photo Numbers
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b _{1a} , b _{2a} , b _{3a} , b _{1b} ,..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	
Sector A										
Ant _{1a}										
Ant _{1b}	Unknown	6.00	13.50	71.00		147.732	36.00	16.50	43.00	13,14,15
Ant _{1c}										
Ant _{2a}										
Ant _{2b}	Unknown	11.00	4.00	71.00		148.148	31.00	9.00	43.00	16,17,18
Ant _{2c}										
Ant _{3a}										
Ant _{3b}	Unknown	6.00	9.00	72.50		148.232	29.00	8.00	43.00	4,5,6
Ant _{3c}	(2)Unknown	6.00	1.75	7.50		147.232	41.00			7,8,9
Ant _{4a}										
Ant _{4b}	Unknown	6.00	13.50	71.00		147.94	32.50	16.00	43.00	10,11,12
Ant _{4c}										
Ant _{5a}										
Ant _{5b}										
Ant _{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										



Antenna Layout (Looking Out From Tower)

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector				Sector B													
Sector A:	43.00	Deg	Leg A:		Deg			Ant _{1a}													
Sector B:	185.00	Deg	Leg B:		Deg			Ant _{1b}	Unknown	6.00	13.50	71.00		147.732	36.00	16.50	185.00			13,14,15	
Sector C:	267.00	Deg	Leg C:		Deg			Ant _{1c}													
Sector D:		Deg	Leg D:		Deg			Ant _{2a}													
Climbing Facility Information								Ant _{2b}	Unknown	11.00	4.00	71.00		148.148	31.00	9.00	185.00			16,17,18	
Location:	185.00	Deg	Sector B					Ant _{2c}													
Climbing Facility	Corrosion Type:	Good condition.					Ant _{3a}														
	Access:	Climbing path was unobstructed.					Ant _{3b}	Unknown	6.00	9.00	72.50		148.232	29.00	8.00	185.00				4,5,6	
	Condition:	Good condition.					Ant _{3c}	(2)Unknown	6.00	1.75	7.50		147.232	41.00						7,8,9	
								Ant _{4a}													
								Ant _{4b}	Unknown	6.00	13.50	71.00		147.94	32.50	16.00	185.00			10,11,12	
								Ant _{4c}													
								Ant _{5a}													
								Ant _{5b}													
								Ant _{5c}													
								Ant on Standoff													
								Ant on Standoff													
								Ant on Tower													
								Ant on Tower													
								Sector C													
								Ant _{1a}													
								Ant _{1b}	Unknown	6.00	13.50	71.00		147.732	36.00	16.50	267.00			13,14,15	
								Ant _{1c}													
								Ant _{2a}													
								Ant _{2b}	Unknown	11.00	4.00	71.00		148.148	31.00	9.00	267.00			16,17,18	
								Ant _{2c}													
								Ant _{3a}													
								Ant _{3b}	Unknown	6.00	9.00	72.50		148.232	29.00	8.00	267.00			4,5,6	
								Ant _{3c}	(2)Unknown	6.00	1.75	7.50		147.232	41.00					7,8,9	
								Ant _{4a}													
								Ant _{4b}	Unknown	6.00	13.50	71.00		147.94	32.50	16.00	267.00			10,11,12	
								Ant _{4c}													
								Ant _{5a}													
								Ant _{5b}													
								Ant _{5c}													
								Ant on Standoff													
								Ant on Standoff													
								Ant on Tower													
								Ant on Tower													
								Sector D													
								Ant _{1a}													
								Ant _{1b}													
								Ant _{1c}													
								Ant _{2a}													
								Ant _{2b}													
								Ant _{2c}													
								Ant _{3a}													
								Ant _{3b}													
								Ant _{3c}													
								Ant _{4a}													
								Ant _{4b}													
								Ant _{4c}													
								Ant _{5a}													
								Ant _{5b}													
								Ant _{5c}													
								Ant on Standoff													
								Ant on Standoff													
								Ant on Tower													
								Ant on Tower													



Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #

1		
2		
3		
4		
5		
6		
7		
8		

Mapping Notes

1. Please report any visible structural or safety issues observed on the antenna mounts (Damaged members, loose connections, tilting mounts, safety climb issues, etc.)
2. If the thickness of the existing pipes or tubing can't be obtained from a general tool (such as Caliper), please use an ultrasonic measurement tool (thickness gauge) to measure the thickness.
3. Please create all required detail sketches of the mounts and insert them into the "Sketches" tab.
4. Please measure and enter the bolt sizes and types under the Members Box in the spreadsheet of the mount type.
5. Take and label the photos of the tower, mounts, connections, antennas and all measurements. Minimum 50 photos are required.
6. Please measure and report the size and length of all existing antenna mounting pipes.
7. Please measure and report the antenna information for all sectors.
8. Don't delete or rearrange any sheet or contents of any sheet from this mapping form.

Standard Conditions

1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.

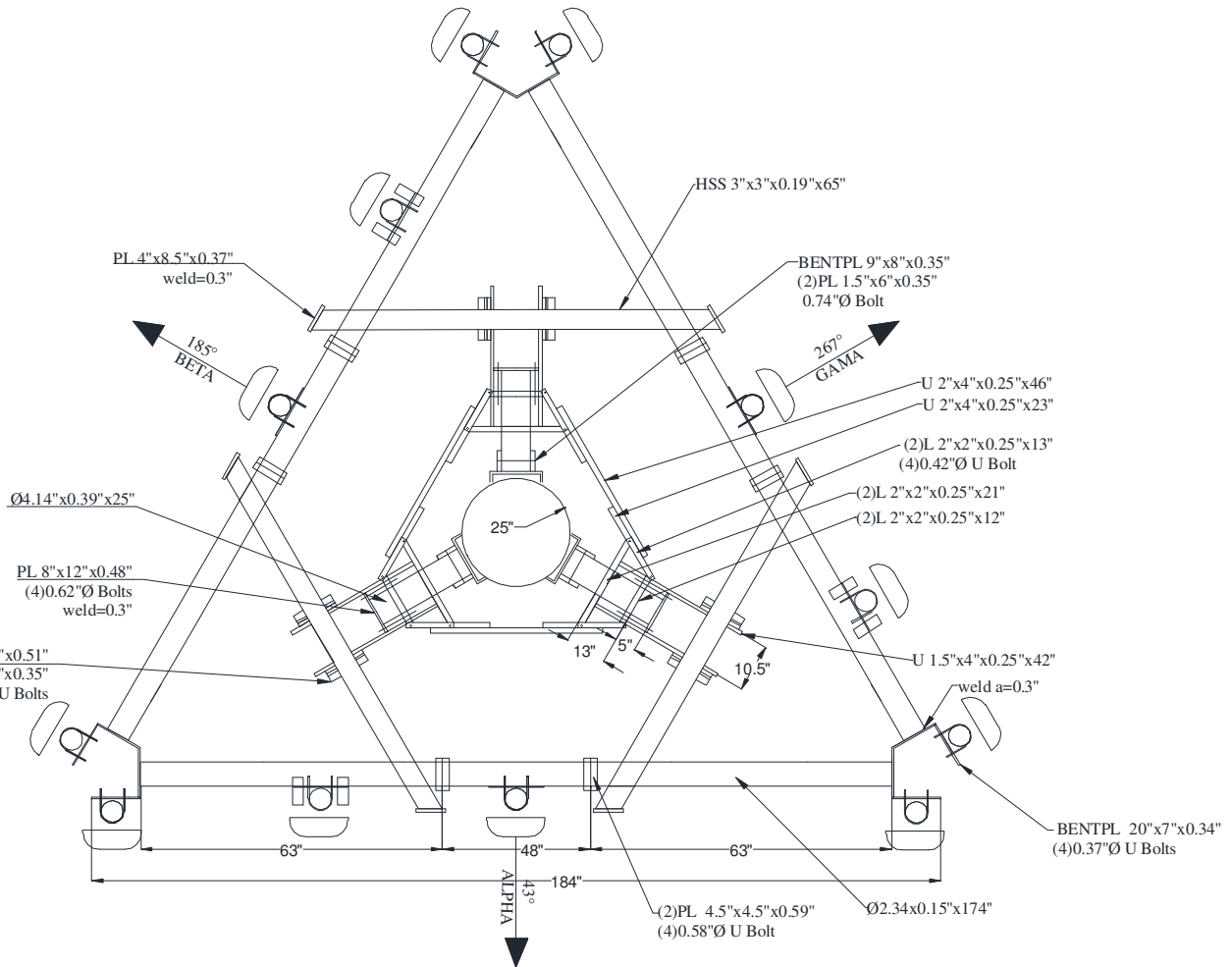
Antenna Mount Mapping Form (PATENT PENDING)



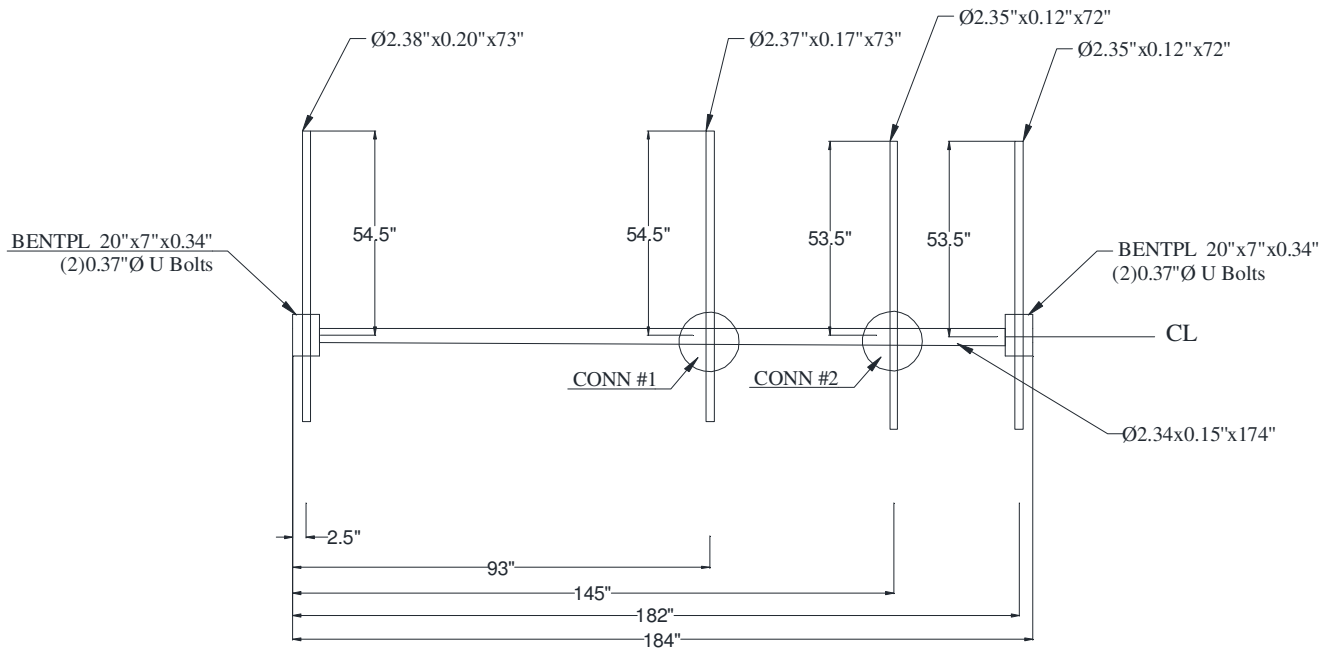
Tower Owner:	CCI	Mapping Date:	03/25/2021
Site Name:	CCI: New Hartford/ Executive Greet, VZW:NEW HARTFORD N CT	Tower Type:	Monopole
Site Number or ID:	PSLC: 468137	Tower Height (FL):	N/A
Mapping Contractor:	Roaming Networks Inc.	Mount Elevation (FL):	146.19

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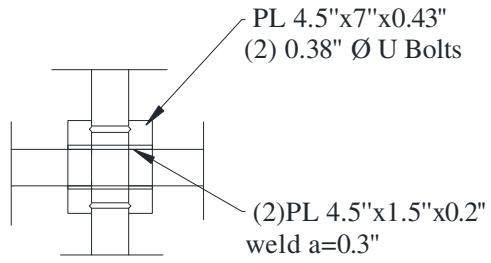
Please Insert Sketches of the Antenna Mount



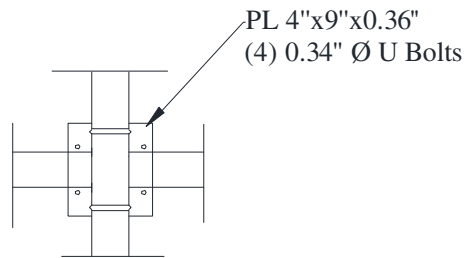
OVERALL MOUNT SCHEMATIC



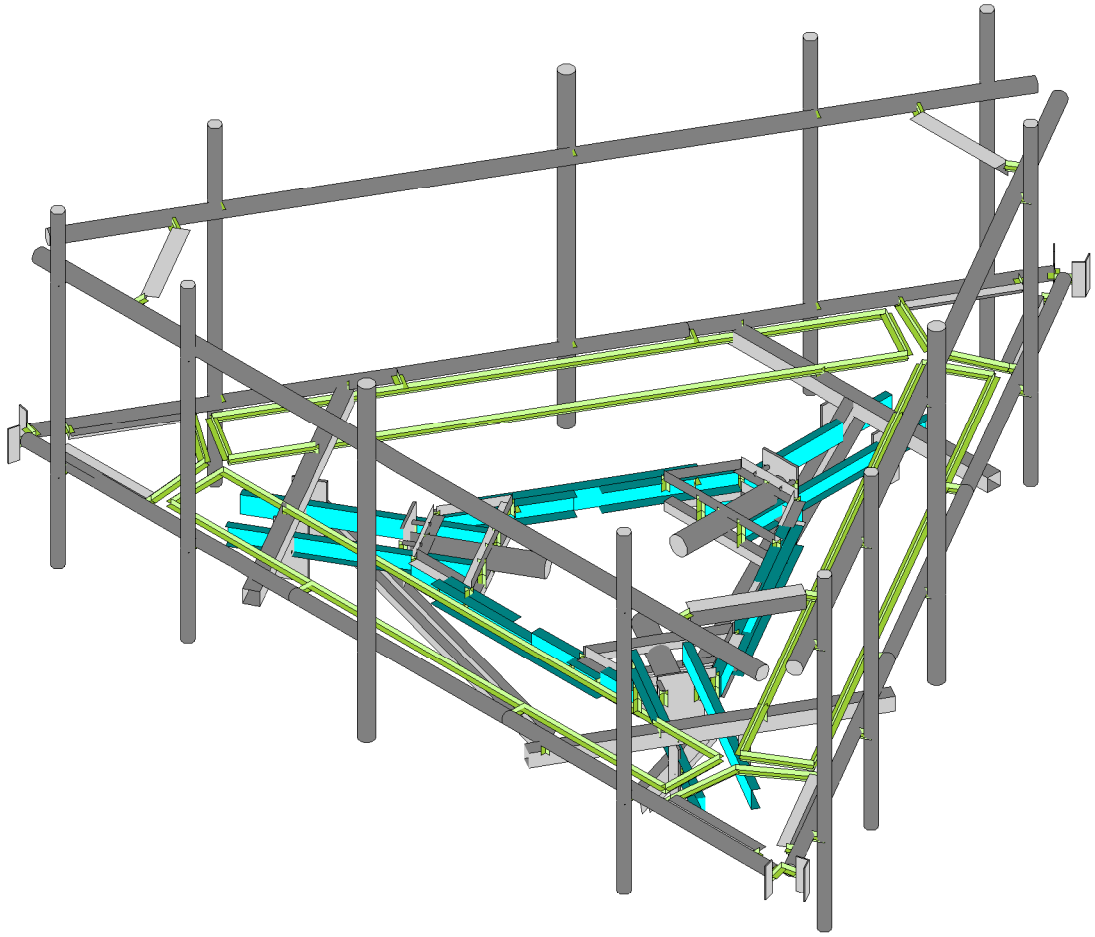
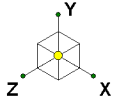
SECTOR A, B, C



CONNECTION#1



CONNECTION#2

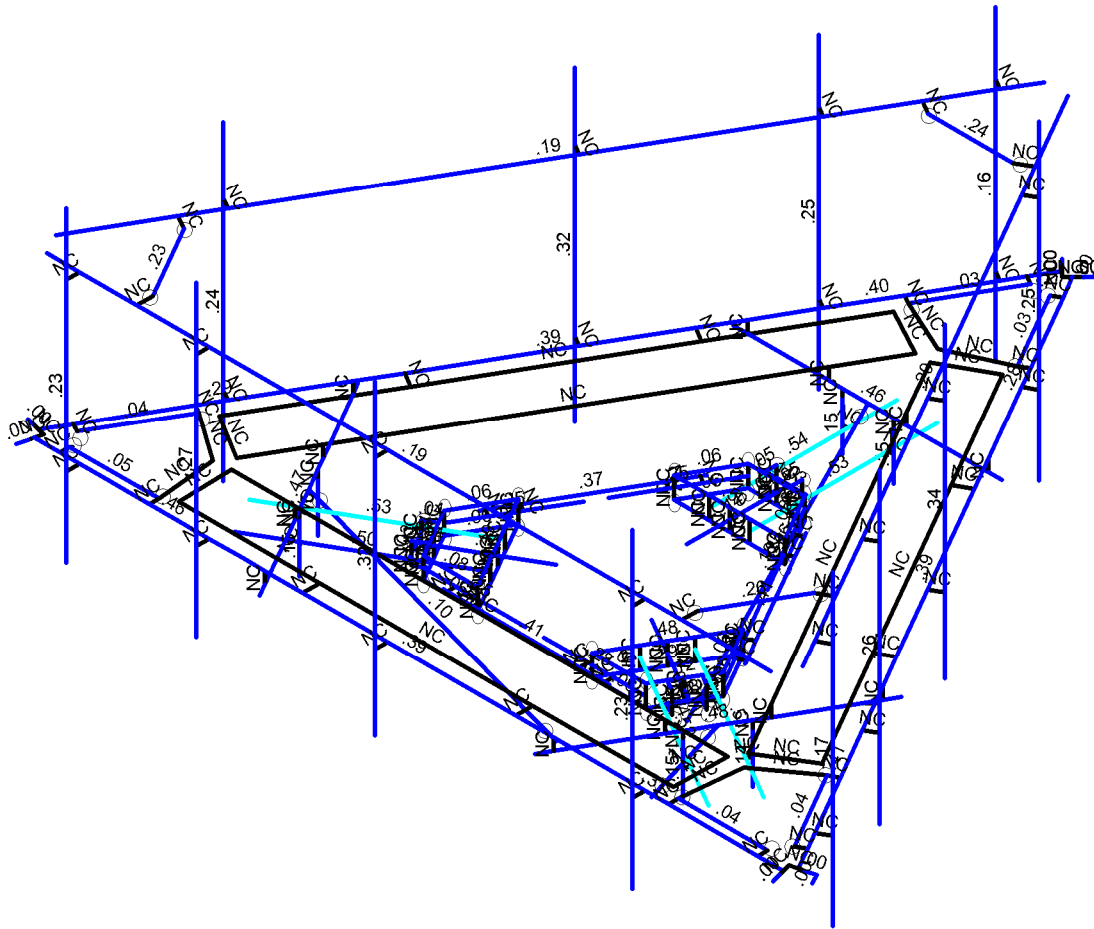
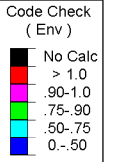
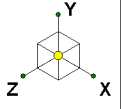


Envelope Only Solution

SK - 2

Apr 25, 2022 at 10:58 AM

468137-VZW_MT_LO_H.r3d

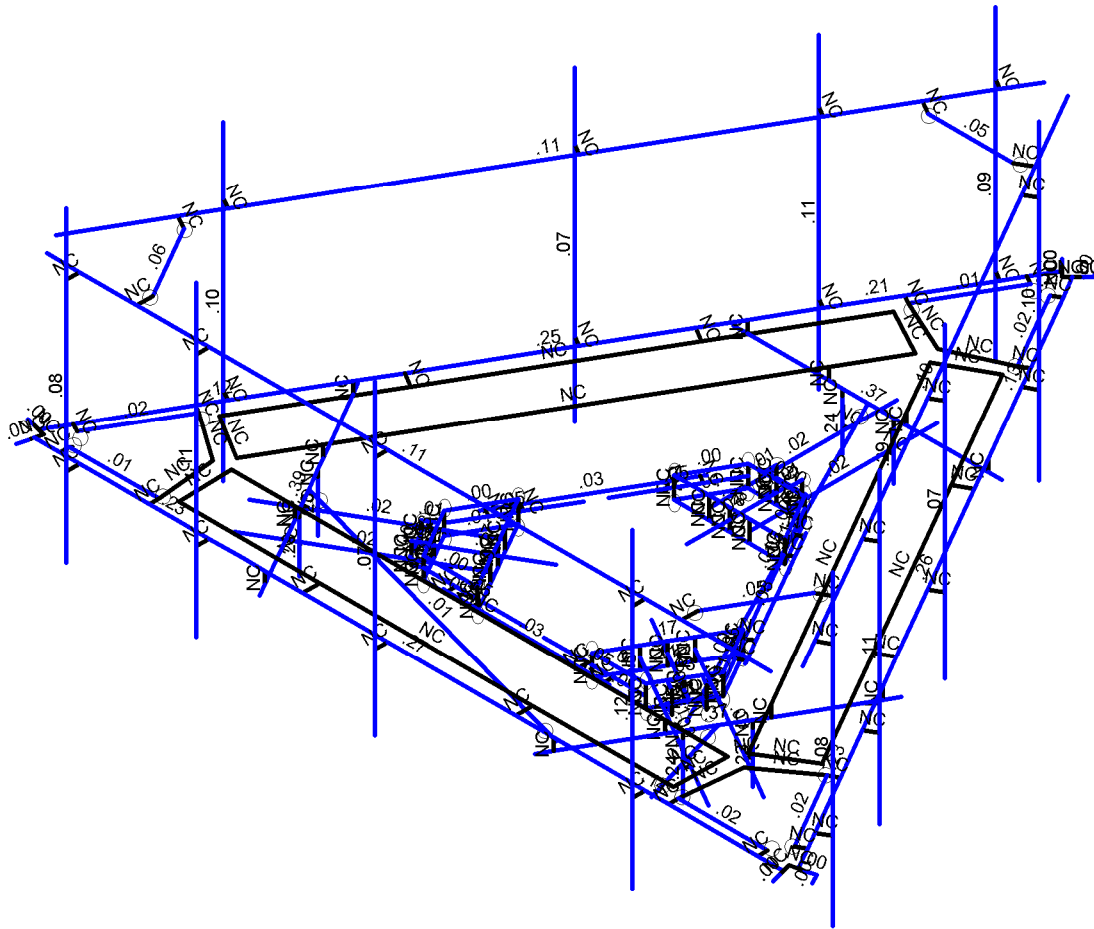
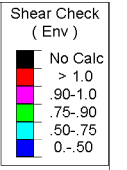
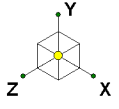


Member Code Checks Displayed (Enveloped)
Envelope Only Solution

SK - 3

Apr 25, 2022 at 10:58 AM

468137-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

SK - 4

Apr 25, 2022 at 10:58 AM

468137-VZW_MT_LO_H.r3d



Company :
 Designer :
 Job Number :
 Model Name :

Apr 25, 2022
 10:59 AM
 Checked By: _____

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
1	Antenna D	None					84		
2	Antenna Di	None					84		
3	Antenna Wo (0 Deg)	None					84		
4	Antenna Wo (30 Deg)	None					84		
5	Antenna Wo (60 Deg)	None					84		
6	Antenna Wo (90 Deg)	None					84		
7	Antenna Wo (120 Deg)	None					84		
8	Antenna Wo (150 Deg)	None					84		
9	Antenna Wo (180 Deg)	None					84		
10	Antenna Wo (210 Deg)	None					84		
11	Antenna Wo (240 Deg)	None					84		
12	Antenna Wo (270 Deg)	None					84		
13	Antenna Wo (300 Deg)	None					84		
14	Antenna Wo (330 Deg)	None					84		
15	Antenna Wi (0 Deg)	None					84		
16	Antenna Wi (30 Deg)	None					84		
17	Antenna Wi (60 Deg)	None					84		
18	Antenna Wi (90 Deg)	None					84		
19	Antenna Wi (120 Deg)	None					84		
20	Antenna Wi (150 Deg)	None					84		
21	Antenna Wi (180 Deg)	None					84		
22	Antenna Wi (210 Deg)	None					84		
23	Antenna Wi (240 Deg)	None					84		
24	Antenna Wi (270 Deg)	None					84		
25	Antenna Wi (300 Deg)	None					84		
26	Antenna Wi (330 Deg)	None					84		
27	Antenna Wm (0 Deg)	None					84		
28	Antenna Wm (30 Deg)	None					84		
29	Antenna Wm (60 Deg)	None					84		
30	Antenna Wm (90 Deg)	None					84		
31	Antenna Wm (120 Deg)	None					84		
32	Antenna Wm (150 Deg)	None					84		
33	Antenna Wm (180 Deg)	None					84		
34	Antenna Wm (210 Deg)	None					84		
35	Antenna Wm (240 Deg)	None					84		
36	Antenna Wm (270 Deg)	None					84		
37	Antenna Wm (300 Deg)	None					84		
38	Antenna Wm (330 Deg)	None					84		
39	Structure D	None		-1					9
40	Structure Di	None						110	9
41	Structure Wo (0 Deg)	None						220	
42	Structure Wo (30 Deg)	None						220	
43	Structure Wo (60 Deg)	None						220	
44	Structure Wo (90 Deg)	None						220	
45	Structure Wo (120 D...	None						220	
46	Structure Wo (150 D...	None						220	
47	Structure Wo (180 D...	None						220	
48	Structure Wo (210 D...	None						220	
49	Structure Wo (240 D...	None						220	
50	Structure Wo (270 D...	None						220	
51	Structure Wo (300 D...	None						220	
52	Structure Wo (330 D...	None						220	
53	Structure Wi (0 Deg)	None						220	

Basic Load Cases (Continued)

BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
54 Structure Wi (30 Deg)	None						220	
55 Structure Wi (60 Deg)	None						220	
56 Structure Wi (90 Deg)	None						220	
57 Structure Wi (120 De..)	None						220	
58 Structure Wi (150 De..)	None						220	
59 Structure Wi (180 De..)	None						220	
60 Structure Wi (210 De..)	None						220	
61 Structure Wi (240 De..)	None						220	
62 Structure Wi (270 De..)	None						220	
63 Structure Wi (300 De..)	None						220	
64 Structure Wi (330 De..)	None						220	
65 Structure Wm (0 Deg)	None						220	
66 Structure Wm (30 De..)	None						220	
67 Structure Wm (60 De..)	None						220	
68 Structure Wm (90 De..)	None						220	
69 Structure Wm (120 D..)	None						220	
70 Structure Wm (150 D..)	None						220	
71 Structure Wm (180 D..)	None						220	
72 Structure Wm (210 D..)	None						220	
73 Structure Wm (240 D..)	None						220	
74 Structure Wm (270 D..)	None						220	
75 Structure Wm (300 D..)	None						220	
76 Structure Wm (330 D..)	None						220	
77 Lm1	None					1		
78 Lm2	None					1		
79 Lv1	None					1		
80 Lv2	None					1		
81 Antenna Ev	None					84		
82 Antenna Eh (0 Deg)	None					56		
83 Antenna Eh (90 Deg)	None					56		
84 Structure Ev	ELY		-0.037					9
85 Structure Eh (0 Deg)	ELZ			-0.092				9
86 Structure Eh (90 Deg)	ELX	.092						9
87 BLC 39 Transient Are..	None						48	
88 BLC 40 Transient Are..	None						48	

Load Combinations

Description	SolveP...	S...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...
1 1.2D+1.0Wo (0 D...	Yes	Y	1	1.2	39	1.2	3	1	41	1			
2 1.2D+1.0Wo (30 ...	Yes	Y	1	1.2	39	1.2	4	1	42	1			
3 1.2D+1.0Wo (60 ...	Yes	Y	1	1.2	39	1.2	5	1	43	1			
4 1.2D+1.0Wo (90 ...	Yes	Y	1	1.2	39	1.2	6	1	44	1			
5 1.2D+1.0Wo (12...	Yes	Y	1	1.2	39	1.2	7	1	45	1			
6 1.2D+1.0Wo (15...	Yes	Y	1	1.2	39	1.2	8	1	46	1			
7 1.2D+1.0Wo (18...	Yes	Y	1	1.2	39	1.2	9	1	47	1			
8 1.2D+1.0Wo (21...	Yes	Y	1	1.2	39	1.2	10	1	48	1			
9 1.2D+1.0Wo (24...	Yes	Y	1	1.2	39	1.2	11	1	49	1			
10 1.2D+1.0Wo (27...	Yes	Y	1	1.2	39	1.2	12	1	50	1			
11 1.2D+1.0Wo (30...	Yes	Y	1	1.2	39	1.2	13	1	51	1			
12 1.2D+1.0Wo (33...	Yes	Y	1	1.2	39	1.2	14	1	52	1			
13 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	15	1	53
14 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	16	1	54
15 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	17	1	55
16 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	18	1	56
17 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	19	1	57



Company :
 Designer :
 Job Number :
 Model Name :

Apr 25, 2022
 10:59 AM
 Checked By: _____

Load Combinations (Continued)

	Description	SolveP	S...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...
18	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	20	1	58	1
19	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	21	1	59	1
20	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	22	1	60	1
21	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	23	1	61	1
22	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	24	1	62	1
23	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	25	1	63	1
24	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	26	1	64	1
25	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	27	1	65	1		
26	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	28	1	66	1		
27	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	29	1	67	1		
28	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	30	1	68	1		
29	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	31	1	69	1		
30	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	32	1	70	1		
31	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	33	1	71	1		
32	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	34	1	72	1		
33	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	35	1	73	1		
34	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	36	1	74	1		
35	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	37	1	75	1		
36	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	38	1	76	1		
37	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	27	1	65	1		
38	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	28	1	66	1		
39	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	29	1	67	1		
40	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	30	1	68	1		
41	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	31	1	69	1		
42	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	32	1	70	1		
43	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	33	1	71	1		
44	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	34	1	72	1		
45	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	35	1	73	1		
46	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	36	1	74	1		
47	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	37	1	75	1		
48	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	38	1	76	1		
49	1.2D + 1.5Lv1	Yes	Y	1	1.2	39	1.2	79	1.5						
50	1.2D + 1.5Lv2	Yes	Y	1	1.2	39	1.2	80	1.5						
51	1.4D	Yes	Y	1	1.4	39	1.4								
52	1.2D + 1.0Ev + 1...	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83	ELZ 1 ELX
53	1.2D + 1.0Ev + 1...	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83 .5	ELZ .866 ELX .5
54	1.2D + 1.0Ev + 1...	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83 .866	ELZ .5 ELX .866
55	1.2D + 1.0Ev + 1...	Y		1	1.2	39	1.2	81	1	ELY	1	82		83 1	ELZ ELX 1
56	1.2D + 1.0Ev + 1...	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83 .866	ELZ -.5 ELX .866
57	1.2D + 1.0Ev + 1...	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83 .5	ELZ -.866 ELX .5
58	1.2D + 1.0Ev + 1...	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83	ELZ -1 ELX
59	1.2D + 1.0Ev + 1...	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83 -.5	ELZ -.866 ELX -.5
60	1.2D + 1.0Ev + 1...	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83 -.866	ELZ -.5 ELX -.866
61	1.2D + 1.0Ev + 1...	Y		1	1.2	39	1.2	81	1	ELY	1	82		83 -1	ELZ ELX -1
62	1.2D + 1.0Ev + 1...	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83 -.866	ELZ .5 ELX -.866
63	1.2D + 1.0Ev + 1...	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83 -.5	ELZ .866 ELX -.5
64	0.9D - 1.0Ev + 1...	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83	ELZ 1 ELX
65	0.9D - 1.0Ev + 1...	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83 .5	ELZ .866 ELX .5
66	0.9D - 1.0Ev + 1...	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83 .866	ELZ .5 ELX .866
67	0.9D - 1.0Ev + 1...	Y		1	.9	39	.9	81	-1	ELY	-1	82		83 1	ELZ ELX 1
68	0.9D - 1.0Ev + 1...	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83 .866	ELZ -.5 ELX .866
69	0.9D - 1.0Ev + 1...	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83 .5	ELZ -.866 ELX .5
70	0.9D - 1.0Ev + 1...	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83	ELZ -1 ELX
71	0.9D - 1.0Ev + 1...	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83 -.5	ELZ -.866 ELX -.5
72	0.9D - 1.0Ev + 1...	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83 -.866	ELZ -.5 ELX -.866
73	0.9D - 1.0Ev + 1...	Y		1	.9	39	.9	81	-1	ELY	-1	82		83 -1	ELZ ELX -1
74	0.9D - 1.0Ev + 1...	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83 -.866	ELZ .5 ELX -.866



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Load Combinations (Continued)

Description	SolveP...	S...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...						
75	0.9D - 1.0Ev + 1...	Y	1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-5	ELZ	.866	ELX	-5

Joint Coordinates and Temperatures

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
1	CP	0	0	0	0	
2	N2	-0.	0	-13.	0	
3	N3	-0.	0	-37.	0	
4	N4	-0.	0	-23.	0	
5	N5	-0.	0	-34.	0	
6	N6	-0.	2.5	-23.	0	
7	N7	-0.	2.5	-34.	0	
8	N8	-0.	-2.5	-23.	0	
9	N9	-0.	-2.5	-34.	0	
10	N11	-13.	-2.5	-23.	0	
11	N12	13.	2.5	-23.	0	
12	N13	-13.	2.5	-23.	0	
13	N14	4.	0	-37.	0	
14	N15	-4.	0	-37.	0	
15	N16	3	0	-37.	0	
16	N18	3	-2.5	-37.	0	
17	N22	3	-2.5	-34.	0	
18	N24	3	2.5	-37.	0	
19	N28	3	2.5	-34.	0	
20	N30	4.75	0	-23.	0	
21	N31	-4.75	0	-23.	0	
22	N33	4.75	0	-67.	0	
23	N34	-4.75	0	-67.	0	
24	N39	13.	0	-23.	0	
25	N52	13.	-2.5	-23.	0	
26	N53	-3	0	-37.	0	
27	N54A	-3	-2.5	-37.	0	
28	N55A	-3	-2.5	-34.	0	
29	N56	-3	2.5	-37.	0	
30	N57	-3	2.5	-34.	0	
31	N59A	6.649147	-2.5	-34.	0	
32	N58B	-6.649147	-2.5	-34.	0	
33	N49	6.649147	2.5	-34.	0	
34	N50	-6.649147	2.5	-34.	0	
35	N46	-13.	0	-23.	0	
36	N47	6.649147	0	-34.	0	
37	N40A	18.649147	0	-13.21539	0	
38	N51	-6.649147	0	-34.	0	
39	N52A	-18.649147	0	-13.21539	0	
40	N49A	-11.25833	0	6.5	0	
41	N50B	-32.04294	0	18.5	0	
42	N51A	-19.918584	0	11.5	0	
43	N52B	-29.444864	0	17.	0	
44	N53A	-19.918584	2.5	11.5	0	
45	N54	-29.444864	2.5	17.	0	
46	N55	-19.918584	-2.5	11.5	0	
47	N56A	-29.444864	-2.5	17.	0	
48	N57A	-13.418584	-2.5	22.75833	0	
49	N58	-26.418584	2.5	0.24167	0	
50	N59	-13.418584	2.5	22.75833	0	
51	N60	-34.04294	0	15.035898	0	



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Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
52	N61	-30.04294	0	21.964102	0	
53	N62	-33.54294	0	15.901924	0	
54	N63	-33.54294	-2.5	15.901924	0	
55	N64	-30.944864	-2.5	14.401924	0	
56	N65	-33.54294	2.5	15.901924	0	
57	N66	-30.944864	2.5	14.401924	0	
58	N67	-22.293584	0	7.386379	0	
59	N68	-17.543584	0	15.613621	0	
60	N70	-60.398702	0	29.386379	0	
61	N71	-55.648702	0	37.613621	0	
62	N73	-26.418584	0	0.24167	0	
63	N74	-26.418584	-2.5	0.24167	0	
64	N75	-30.54294	0	21.098076	0	
65	N76	-30.54294	-2.5	21.098076	0	
66	N77	-27.944864	-2.5	19.598076	0	
67	N78	-30.54294	2.5	21.098076	0	
68	N79	-27.944864	2.5	19.598076	0	
69	N80	-32.769437	-2.5	11.24167	0	
70	N81	-26.12029	-2.5	22.75833	0	
71	N82	-32.769437	2.5	11.24167	0	
72	N83	-26.12029	2.5	22.75833	0	
73	N84	-13.418584	0	22.75833	0	
74	N85	-32.769437	0	11.24167	0	
75	N86	-20.769437	0	-9.54294	0	
76	N93	-26.12029	0	22.75833	0	
77	N94	-2.12029	0	22.75833	0	
78	N96	11.25833	0	6.5	0	
79	N97	32.04294	0	18.5	0	
80	N98	19.918584	0	11.5	0	
81	N99	29.444864	0	17.	0	
82	N100	19.918584	2.5	11.5	0	
83	N101	29.444864	2.5	17.	0	
84	N102	19.918584	-2.5	11.5	0	
85	N103	29.444864	-2.5	17.	0	
86	N104	26.418584	-2.5	0.24167	0	
87	N105	13.418584	2.5	22.75833	0	
88	N106	26.418584	2.5	0.24167	0	
89	N107	30.04294	0	21.964102	0	
90	N108	34.04294	0	15.035898	0	
91	N109	30.54294	0	21.098076	0	
92	N110	30.54294	-2.5	21.098076	0	
93	N111	27.944864	-2.5	19.598076	0	
94	N112	30.54294	2.5	21.098076	0	
95	N113	27.944864	2.5	19.598076	0	
96	N114	17.543584	0	15.613621	0	
97	N115	22.293584	0	7.386379	0	
98	N117	55.648702	0	37.613621	0	
99	N118	60.398702	0	29.386379	0	
100	N120	13.418584	0	22.75833	0	
101	N121	13.418584	-2.5	22.75833	0	
102	N122	33.54294	0	15.901924	0	
103	N123	33.54294	-2.5	15.901924	0	
104	N124	30.944864	-2.5	14.401924	0	
105	N125	33.54294	2.5	15.901924	0	
106	N126	30.944864	2.5	14.401924	0	
107	N127	26.12029	-2.5	22.75833	0	
108	N128	32.769437	-2.5	11.24167	0	



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Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
109	N129	26.12029	2.5	22.75833	0	
110	N130	32.769437	2.5	11.24167	0	
111	N131	26.418584	0	0.24167	0	
112	N132	26.12029	0	22.75833	0	
113	N133	2.12029	0	22.75833	0	
114	N134	18.50001	0	22.75833	0	
115	N136	18.50001	0	24.75833	0	
116	N138	19.50001	0	24.75833	0	
117	N139	-19.49999	0	24.75833	0	
118	N140	32.769437	0	11.24167	0	
119	N141	20.769437	0	-9.54294	0	
120	N126A	12.50001	0	22.75833	0	
121	N127A	12.50001	0	24.75833	0	
122	N128A	-18.50001	0	22.75833	0	
123	N129A	-18.50001	0	24.75833	0	
124	N130A	-12.50001	0	22.75833	0	
125	N131A	-12.50001	0	24.75833	0	
126	N132A	10.459287	0	-27.400644	0	
127	N133A	12.191338	0	-28.400644	0	
128	N134A	11.691338	0	-29.266669	0	
129	N135	31.191338	0	4.508321	0	
130	N136A	13.459287	0	-22.204492	0	
131	N137	15.191338	0	-23.204492	0	
132	N138A	28.959297	0	4.642314	0	
133	N139A	30.691348	0	3.642314	0	
134	N140A	25.959297	0	-0.553839	0	
135	N141A	27.691348	0	-1.553839	0	
136	N142	-28.959297	0	4.642314	0	
137	N143	-30.691348	0	3.642314	0	
138	N144	-31.191348	0	4.508339	0	
139	N145	-11.691348	0	-29.266652	0	
140	N146	-25.959297	0	-0.553839	0	
141	N147	-27.691348	0	-1.553839	0	
142	N148	-10.459287	0	-27.400644	0	
143	N149	-12.191338	0	-28.400644	0	
144	N150	-13.459287	0	-22.204492	0	
145	N151	-15.191338	0	-23.204492	0	
146	N153	4.75	0	-55.5	0	
147	N154	-4.75	0	-55.5	0	
148	N154A	6	0	-55.5	0	
149	N155	6	6	-55.5	0	
150	N156	6	-6	-55.5	0	
151	N157	6	7.5	-55.5	0	
152	N159	-6	0	-55.5	0	
153	N160	-6	6	-55.5	0	
154	N161	-6	-6	-55.5	0	
155	N162	-6	7.5	-55.5	0	
156	N180A	88.	10.25	52.25	0	
157	N181A	-88.	10.25	52.25	0	
158	N198	28.290163	10.25	-55.5	0	
159	N199	-28.290163	10.25	-55.5	0	
160	N200	28.290163	7.5	-55.5	0	
161	N201A	-28.290163	7.5	-55.5	0	
162	N199A	-31.500163	7.5	-55.5	0	
163	N200A	31.499837	7.5	-55.5	0	
164	N206A	88.905867	10.25	55.63074	0	
165	N207A	87.542531	10.25	50.542704	0	



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Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
166	N206B	92.630568	10.25	49.179369	0	
167	N203	1.249827	10.25	-102.335236	0	
168	N204A	89.249827	10.25	50.085236	0	
169	N205A	3.724701	10.25	-104.810109	0	
170	N207B	-3.724701	10.25	-104.810109	0	
171	N208A	-89.249827	10.25	50.085236	0	
172	N209A	-1.249827	10.25	-102.335236	0	
173	N210A	-92.630568	10.25	49.179369	0	
174	N212A	-88.905867	10.25	55.63074	0	
175	N218A	-25.	10.25	52.25	0	
176	N219	57.749827	10.25	-4.474365	0	
177	N220	-32.749827	10.25	-47.775635	0	
178	N221A	25.	10.25	52.25	0	
179	N222A	32.749827	10.25	-47.775635	0	
180	N223	-57.749827	10.25	-4.474365	0	
181	N224	82.	10.25	52.25	0	
182	N225	61.	10.25	52.25	0	
183	N226	82.	10.25	50.	0	
184	N227	61.	10.25	50.	0	
185	N228	-82.	10.25	52.25	0	
186	N229	-61.	10.25	52.25	0	
187	N230	-82.	10.25	50.	0	
188	N231	-61.	10.25	50.	0	
189	N232	4.249827	10.25	-97.139083	0	
190	N233	14.749827	10.25	-78.95255	0	
191	N234	2.30127	10.25	-96.014083	0	
192	N235	12.80127	10.25	-77.82755	0	
193	N236	86.249827	10.25	44.889083	0	
194	N237	75.749827	10.25	26.70255	0	
195	N238	84.30127	10.25	46.014083	0	
196	N239	73.80127	10.25	27.82755	0	
197	N240	-86.249827	10.25	44.889083	0	
198	N241	-75.749827	10.25	26.70255	0	
199	N242	-84.30127	10.25	46.014083	0	
200	N243	-73.80127	10.25	27.82755	0	
201	N244	-4.249827	10.25	-97.139083	0	
202	N245	-14.749827	10.25	-78.95255	0	
203	N246	-2.30127	10.25	-96.014083	0	
204	N247	-12.80127	10.25	-77.82755	0	
205	N249	-0.	10.25	-72.014083	0	
206	N249A	-0.	10.25	-96.014083	0	
207	N250	-62.366025	10.25	36.007042	0	
208	N251	-83.150635	10.25	48.007042	0	
209	N252	62.366025	10.25	36.007042	0	
210	N253	83.150635	10.25	48.007042	0	
211	N254	-58.	10.25	48.25	0	
212	N255	58.	10.25	48.25	0	
213	N262A	58.330685	10.25	35.677237	0	
214	N262	-58.330685	10.25	35.677237	0	
215	N258	-25.	10.25	48.25	0	
216	N259	25.	10.25	48.25	0	
217	N262B	70.785726	10.25	26.104473	0	
218	N263	12.785726	10.25	-74.354473	0	
219	N264	1.732051	10.25	-68.354473	0	
220	N265	60.062736	10.25	32.677237	0	
221	N266	54.285726	10.25	-2.474365	0	
222	N267	29.285726	10.25	-45.775635	0	



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Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
223	N270	-12.785726	10.25	-74.354473	0	
224	N271	-70.785726	10.25	26.104473	0	
225	N272	-60.062736	10.25	32.677237	0	
226	N273	-1.732051	10.25	-68.354473	0	
227	N274	-29.285726	10.25	-45.775635	0	
228	N275	-54.285726	10.25	-2.474365	0	
229	N274A	2.474701	10.25	-106.975173	0	
230	N292	93.880568	10.25	51.344432	0	
231	N289A	-50.43941	0	23.636379	0	
232	N290A	-45.68941	0	31.863621	0	
233	N291A	-51.06441	0	22.553848	0	
234	N292A	-51.06441	6	22.553848	0	
235	N293A	-51.06441	-6	22.553848	0	
236	N294A	-51.06441	7.5	22.553848	0	
237	N295A	-45.06441	0	32.946152	0	
238	N296A	-45.06441	6	32.946152	0	
239	N297A	-45.06441	-6	32.946152	0	
240	N298A	-45.06441	7.5	32.946152	0	
241	N299A	-62.209492	10.25	3.25	0	
242	N300A	-33.919328	10.25	52.25	0	
243	N301A	-62.209492	7.5	3.25	0	
244	N302A	-33.919328	7.5	52.25	0	
245	N303A	-32.314328	7.5	55.029942	0	
246	N304A	-63.814328	7.5	0.470341	0	
247	N305A	45.68941	0	31.863621	0	
248	N306A	50.43941	0	23.636379	0	
249	N307A	45.06441	0	32.946152	0	
250	N308A	45.06441	6	32.946152	0	
251	N309A	45.06441	-6	32.946152	0	
252	N310A	45.06441	7.5	32.946152	0	
253	N311A	51.06441	0	22.553848	0	
254	N312A	51.06441	6	22.553848	0	
255	N313A	51.06441	-6	22.553848	0	
256	N314A	51.06441	7.5	22.553848	0	
257	N315A	33.919328	10.25	52.25	0	
258	N316A	62.209492	10.25	3.25	0	
259	N317A	33.919328	7.5	52.25	0	
260	N318A	62.209492	7.5	3.25	0	
261	N319A	63.814492	7.5	0.470058	0	
262	N320	32.314492	7.5	55.029659	0	
263	N319B	9.153584	10.25	-55.5	0	
264	N320A	-9.153584	10.25	-55.5	0	
265	N319C	9.153584	7.5	-55.5	0	
266	N320B	-9.153584	7.5	-55.5	0	
267	N321	-52.641202	10.25	19.822763	0	
268	N322	-43.487618	10.25	35.677237	0	
269	N323	-52.641202	7.5	19.822763	0	
270	N324	-43.487618	7.5	35.677237	0	
271	N325	43.487618	10.25	35.677237	0	
272	N326	52.641202	10.25	19.822763	0	
273	N327	43.487618	7.5	35.677237	0	
274	N328	52.641202	7.5	19.822763	0	
275	N321A	88.323524	10.25	53.457407	0	
276	N323A	-87.542531	10.25	50.542704	0	
277	N324A	-88.323524	10.25	53.457407	0	
278	N325A	-0.	10.25	-101.085408	0	
279	N327A	2.133711	10.25	-103.219119	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
280	N329	90.457235	10.25	49.761712	0	
281	N333	-90.457235	10.25	49.761712	0	
282	N335	-2.133711	10.25	-103.219119	0	
283	N305	-5.	10.25	52.25	0	
284	N306	-5.	10.25	55.25	0	
285	N308	-5.	64.75	55.25	0	
286	N309	-5.	-7.25	55.25	0	
287	N310B	-47.	10.25	52.25	0	
288	N311	-47.	10.25	55.25	0	
289	N313	-47.	63.75	55.25	0	
290	N314	-47.	-8.25	55.25	0	
291	N314B	47.749827	10.25	-21.794873	0	
292	N315	50.347904	10.25	-23.294873	0	
293	N316	50.347904	64.75	-23.294873	0	
294	N317	50.347904	-7.25	-23.294873	0	
295	N323B	-42.749827	10.25	-30.455127	0	
296	N324B	-45.347904	10.25	-31.955127	0	
297	N325B	-45.347904	64.75	-31.955127	0	
298	N326A	-45.347904	-7.25	-31.955127	0	
299	N330A	-17.543584	2.5	15.613621	0	
300	N331	-17.543584	-2.5	15.613621	0	
301	N333A	-22.293584	2.5	7.386379	0	
302	N334	-22.293584	-2.5	7.386379	0	
303	N336	22.293584	2.5	7.386379	0	
304	N337	22.293584	-2.5	7.386379	0	
305	N338	17.543584	2.5	15.613621	0	
306	N339	17.543584	-2.5	15.613621	0	
307	N343	-4.75	2.5	-23.	0	
308	N344	-4.75	-2.5	-23.	0	
309	N345	4.75	2.5	-23.	0	
310	N346	4.75	-2.5	-23.	0	
311	N341	-0.	-36	-13.	0	
312	N342	-11.25833	-36	6.5	0	
313	N343A	11.25833	-36	6.5	0	
314	N344A	-0.	7.5	-55.5	0	
315	N349	-48.06441	7.5	27.75	0	
316	N354	48.06441	7.5	27.75	0	
317	N347	85.	49.25	52.25	0	
318	N348	-85.	49.25	52.25	0	
319	N349A	-5.	49.25	52.25	0	
320	N350	-5.	49.25	55.25	0	
321	N351	-47.	49.25	52.25	0	
322	N352	-47.	49.25	55.25	0	
323	N354A	2.749827	49.25	-99.737159	0	
324	N355	87.749827	49.25	47.487159	0	
325	N356	47.749827	49.25	-21.794873	0	
326	N357	50.347904	49.25	-23.294873	0	
327	N361	-87.749827	49.25	47.487159	0	
328	N362	-2.749827	49.25	-99.737159	0	
329	N363	-42.749827	49.25	-30.455127	0	
330	N364	-45.347904	49.25	-31.955127	0	
331	N365A	-64.	49.25	52.25	0	
332	N366A	64.	49.25	52.25	0	
333	N367	64.	49.25	48.5	0	
334	N369	-64.	49.25	48.5	0	
335	N370	77.249827	49.25	29.300626	0	
336	N371	13.249827	49.25	-81.550626	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
337	N372	10.002232	49.25	-79.675626	0	
338	N373	74.002232	49.25	31.175626	0	
339	N375	-13.249827	49.25	-81.550626	0	
340	N376	-77.249827	49.25	29.300626	0	
341	N377	-74.002232	49.25	31.175626	0	
342	N378	-10.002232	49.25	-79.675626	0	
343	N367A	55.405867	10.25	52.25	0	
344	N368	55.405867	10.25	55.25074	0	
345	N369A	55.405867	64.75	55.25074	0	
346	N370A	55.405867	-8.25	55.25074	0	
347	N371A	-77.405867	10.25	52.25	0	
348	N372A	-77.405867	10.25	55.33074	0	
349	N373A	-77.405867	63.75	55.33074	0	
350	N374	-77.405867	-8.25	55.33074	0	
351	N375A	55.405867	49.25	52.25	0	
352	N376A	55.405867	49.25	55.25074	0	
353	N377A	-77.405867	49.25	52.25	0	
354	N378A	-77.405867	49.25	55.33074	0	
355	N391	-55.05	10.25	52.25	0	
356	N392	-71.05	10.25	52.25	0	
357	N393	-38.95	10.25	52.25	0	
358	N394	-22.95	10.25	52.25	0	
359	N395	-13.	10.25	52.25	0	
360	N396	-19.	10.25	52.25	0	
361	N361A	68.749827	10.25	14.578194	0	
362	N362A	71.347904	10.25	13.078194	0	
363	N363A	71.347904	63.75	13.078194	0	
364	N364A	71.347904	-8.25	13.078194	0	
365	N365	68.749827	49.25	14.578194	0	
366	N366	71.347904	49.25	13.078194	0	
367	N367B	17.546894	10.25	-74.107888	0	
368	N368A	20.145611	10.25	-75.608258	0	
369	N369B	20.145611	64.75	-75.608258	0	
370	N370B	20.145611	-8.25	-75.608258	0	
371	N371B	83.952761	10.25	40.910447	0	
372	N372B	86.62076	10.25	39.370077	0	
373	N373B	86.62076	63.75	39.370077	0	
374	N374A	86.62076	-8.25	39.370077	0	
375	N375B	17.546894	49.25	-74.107888	0	
376	N376B	20.145611	49.25	-75.608258	0	
377	N377B	83.952761	49.25	40.910447	0	
378	N378B	86.62076	49.25	39.370077	0	
379	N379	-21.749827	10.25	-66.828194	0	
380	N380	-24.347904	10.25	-68.328194	0	
381	N381	-24.347904	63.75	-68.328194	0	
382	N382	-24.347904	-8.25	-68.328194	0	
383	N383	-21.749827	49.25	-66.828194	0	
384	N384	-24.347904	49.25	-68.328194	0	
385	N385	-72.952761	10.25	21.857888	0	
386	N386	-75.551478	10.25	20.357518	0	
387	N387	-75.551478	64.75	20.357518	0	
388	N388	-75.551478	-8.25	20.357518	0	
389	N389	-6.546894	10.25	-93.160447	0	
390	N390	-9.214893	10.25	-94.700817	0	
391	N391A	-9.214893	63.75	-94.700817	0	
392	N392A	-9.214893	-8.25	-94.700817	0	
393	N393A	-72.952761	49.25	21.857888	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
394	N394A	-75.551478	49.25	20.357518	0	
395	N395A	-6.546894	49.25	-93.160447	0	
396	N396A	-9.214893	49.25	-94.700817	0	
397	N397	0.	49.25	52.25	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Mod Support Rail	PIPE 2.5	Column	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
3	Mount Pipe P2.5	PIPE 2.5	Column	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
4	Face Horizontal	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
5	Standoff Pipe	PIPE 3.5	Beam	Pipe	A53 Gr. B	Typical	2.5	4.52	4.52	9.04
6	TES Standoff Chan...	C3X4.1	Beam	Channel	A36 Gr.36	Typical	1.2	.191	1.65	.027
7	Standoff Angle	L2x2x4	Beam	Channel	A36 Gr.36	Typical	.944	.346	.346	.021
8	Cross Member	HSS3X3X3	Beam	Tube	A500 Gr. B 46	Typical	1.89	2.46	2.46	4.03
9	Standoff Plate 1 (C...	PL1/2x6	Column	Wide Flange	A36 Gr.36	Typical	3	.063	9	.237
10	Standoff Plate 2 (Pi...	PL1/2x12	Beam	RECT	A36 Gr.36	Typical	6	.125	72	.487
11	Corner Plate	PL1/4X7	Beam	RECT	A36 Gr.36	Typical	1.75	.009	7.146	.036
12	Threaded Rod	SR 0.625	Beam	BAR	A36 Gr.36	Typical	.307	.007	.007	.015
13	Grating Angle	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
14	MOD Kickers	LL3x3x3x3	Beam	Single Angle	A36 Gr.36	Typical	2.18	4.09	1.9	.027
15	TES Bracing Channel	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
16	Mod Support Rail C...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031

Hot Rolled Steel Properties

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

Cold Formed Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rules	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Standoff Channel	4CU2X025	Beam	CU	A570 Gr. 36	Typical	1.741	.644	3.874	.036
2	Bracing Channel	4CU1.5X025	Beam	CU	A570 Gr. 36	Typical	1.491	.277	2.995	.031

Cold Formed Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E5 F) Density[k/ft^3]	Yield[ksi]	Fu[ksi]
1	A570 Gr.33	29500	11346	.3	.65 .49	33	52
2	A607 C1 Gr.55	29500	11346	.3	.65 .49	55	70
3	A570 Gr. 36	29500	11346	.3	.65 .49	36	58

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N2	N3			Standoff Pipe	Beam	Pipe	A53 Gr. B	Typical
2	M2	N6	N4			RIGID	None	None	RIGID	Typical
3	M3	N7	N5			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
4	M4	N4	N8			RIGID	None	None	RIGID	Typical
5	M5	N5	N9			RIGID	None	None	RIGID	Typical
6	M7	N13	N12		270	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
7	M8	N15	N14			Standoff Plate ...	Beam	RECT	A36 Gr.36	Typical
8	M10	N16	N18			RIGID	None	None	RIGID	Typical
9	M13	N11	N58B		180	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
10	M14	N22	N18			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
11	M17	N24	N16			RIGID	None	None	RIGID	Typical
12	M18	N28	N24			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
13	M25	N31	N34		180	Bracing Channel	Beam	CU	A570 Gr. 36	Typical
14	M26	N30	N33			Bracing Channel	Beam	CU	A570 Gr. 36	Typical
15	M29	N12	N39			RIGID	None	None	RIGID	Typical
16	M31	N47	N40A			Standoff Chan...	Beam	CU	A570 Gr. 36	Typical
17	M41A	N39	N52			RIGID	None	None	RIGID	Typical
18	M42A	N11	N52		180	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
19	M44A	N52	N59A		90	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
20	M43	N53	N54A			RIGID	None	None	RIGID	Typical
21	M44	N55A	N54A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
22	M45B	N56	N53			RIGID	None	None	RIGID	Typical
23	M46A	N57	N56			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
24	M46B	N58B	N59A			Standoff Angle	Beam	Channel	A36 Gr.36	Typical
25	M34A	N13	N50		270	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
26	M35	N12	N49			Standoff Angle	Beam	Channel	A36 Gr.36	Typical
27	M36	N50	N49			Standoff Angle	Beam	Channel	A36 Gr.36	Typical
28	M35A	N13	N46			RIGID	None	None	RIGID	Typical
29	M36A	N46	N11			RIGID	None	None	RIGID	Typical
30	M37	N47	N59A			RIGID	None	None	RIGID	Typical
31	M37A	N49	N47			RIGID	None	None	RIGID	Typical
32	M38	N51	N52A		180	Standoff Chan...	Beam	CU	A570 Gr. 36	Typical
33	M40	N51	N58B			RIGID	None	None	RIGID	Typical
34	M41	N50	N51			RIGID	None	None	RIGID	Typical
35	M42	N49A	N50B			Standoff Pipe	Beam	Pipe	A53 Gr. B	Typical
36	M43A	N53A	N51A			RIGID	None	None	RIGID	Typical
37	M44B	N54	N52B			RIGID	None	None	RIGID	Typical
38	M45	N51A	N55			RIGID	None	None	RIGID	Typical
39	M46	N52B	N56A			RIGID	None	None	RIGID	Typical
40	M47	N59	N58		270	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
41	M48	N61	N60			Standoff Plate ...	Beam	RECT	A36 Gr.36	Typical
42	M49	N62	N63			RIGID	None	None	RIGID	Typical
43	M50	N57A	N81		180	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
44	M51	N64	N63			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
45	M52	N65	N62			RIGID	None	None	RIGID	Typical
46	M53	N66	N65			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
47	M56	N68	N71		180	Bracing Channel	Beam	CU	A570 Gr. 36	Typical
48	M57	N67	N70			Bracing Channel	Beam	CU	A570 Gr. 36	Typical
49	M58	N58	N73			RIGID	None	None	RIGID	Typical
50	M59	N85	N86			Standoff Chan...	Beam	CU	A570 Gr. 36	Typical
51	M60	N73	N74			RIGID	None	None	RIGID	Typical
52	M61	N57A	N74		180	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
53	M62	N74	N80		90	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
54	M63	N75	N76			RIGID	None	None	RIGID	Typical
55	M64	N77	N76			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
56	M65	N78	N75			RIGID	None	None	RIGID	Typical
57	M66	N79	N78			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
58	M67	N81	N80			Standoff Angle	Beam	Channel	A36 Gr.36	Typical
59	M68	N59	N83		270	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
60	M69	N58	N82			Standoff Angle	Beam	Channel	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
61	M70	N83	N82			Standoff Angle	Beam	Channel	A36 Gr.36	Typical
62	M71	N59	N84			RIGID	None	None	RIGID	Typical
63	M72	N84	N57A			RIGID	None	None	RIGID	Typical
64	M73	N85	N80			RIGID	None	None	RIGID	Typical
65	M74	N82	N85			RIGID	None	None	RIGID	Typical
66	M79	N93	N94		180	Standoff Chan...	Beam	CU	A570 Gr. 36	Typical
67	M81	N93	N81			RIGID	None	None	RIGID	Typical
68	M82	N83	N93			RIGID	None	None	RIGID	Typical
69	M83	N96	N97			Standoff Pipe	Beam	Pipe	A53 Gr. B	Typical
70	M84	N100	N98			RIGID	None	None	RIGID	Typical
71	M85	N101	N99			RIGID	None	None	RIGID	Typical
72	M86	N98	N102			RIGID	None	None	RIGID	Typical
73	M87	N99	N103			RIGID	None	None	RIGID	Typical
74	M88	N106	N105		270	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
75	M89	N108	N107			Standoff Plate ...	Beam	RECT	A36 Gr.36	Typical
76	M90	N109	N110			RIGID	None	None	RIGID	Typical
77	M91	N104	N128		180	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
78	M92	N111	N110			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
79	M93	N112	N109			RIGID	None	None	RIGID	Typical
80	M94	N113	N112			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
81	M97	N115	N118		180	Bracing Channel	Beam	CU	A570 Gr. 36	Typical
82	M98	N114	N117			Bracing Channel	Beam	CU	A570 Gr. 36	Typical
83	M99	N105	N120			RIGID	None	None	RIGID	Typical
84	M100	N132	N133			Standoff Chan...	Beam	CU	A570 Gr. 36	Typical
85	M101	N120	N121			RIGID	None	None	RIGID	Typical
86	M102	N104	N121		180	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
87	M103	N121	N127		90	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
88	M104	N122	N123			RIGID	None	None	RIGID	Typical
89	M105	N124	N123			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
90	M106	N125	N122			RIGID	None	None	RIGID	Typical
91	M107	N126	N125			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
92	M108	N128	N127			Standoff Angle	Beam	Channel	A36 Gr.36	Typical
93	M109	N106	N130		270	Standoff Angle	Beam	Channel	A36 Gr.36	Typical
94	M110	N105	N129			Standoff Angle	Beam	Channel	A36 Gr.36	Typical
95	M111	N130	N129			Standoff Angle	Beam	Channel	A36 Gr.36	Typical
96	M112	N106	N131			RIGID	None	None	RIGID	Typical
97	M113	N131	N104			RIGID	None	None	RIGID	Typical
98	M114	N132	N127			RIGID	None	None	RIGID	Typical
99	M115	N129	N132			RIGID	None	None	RIGID	Typical
100	M116	N134	N136			RIGID	None	None	RIGID	Typical
101	M118	N138	N139		180	Standoff Chan...	Beam	CU	A570 Gr. 36	Typical
102	M120	N140	N141		180	Standoff Chan...	Beam	CU	A570 Gr. 36	Typical
103	M122	N140	N128			RIGID	None	None	RIGID	Typical
104	M123	N130	N140			RIGID	None	None	RIGID	Typical
105	M117	N126A	N127A			RIGID	None	None	RIGID	Typical
106	M118A	N128A	N129A			RIGID	None	None	RIGID	Typical
107	M119A	N130A	N131A			RIGID	None	None	RIGID	Typical
108	M120A	N132A	N133A			RIGID	None	None	RIGID	Typical
109	M121A	N134A	N135		180	Standoff Chan...	Beam	CU	A570 Gr. 36	Typical
110	M122A	N136A	N137			RIGID	None	None	RIGID	Typical
111	M123A	N138A	N139A			RIGID	None	None	RIGID	Typical
112	M124	N140A	N141A			RIGID	None	None	RIGID	Typical
113	M125	N142	N143			RIGID	None	None	RIGID	Typical
114	M126	N144	N145		180	Standoff Chan...	Beam	CU	A570 Gr. 36	Typical
115	M127	N146	N147			RIGID	None	None	RIGID	Typical
116	M128	N148	N149			RIGID	None	None	RIGID	Typical
117	M129	N150	N151			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
118	M130	N153	N154A			RIGID	None	None	RIGID	Typical
119	M131	N155	N156		90	Standoff Plate ...	Column	Wide Flange	A36 Gr.36	Typical
120	M132	N157	N155			RIGID	None	None	RIGID	Typical
121	M133	N154	N159			RIGID	None	None	RIGID	Typical
122	M134	N160	N161		90	Standoff Plate ...	Column	Wide Flange	A36 Gr.36	Typical
123	M135	N162	N160			RIGID	None	None	RIGID	Typical
124	M148	N181A	N218A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
125	M152B	N199A	N200A			Cross Member	Beam	Tube	A500 Gr. ...	Typical
126	M152C	N199	N201A			RIGID	None	None	RIGID	Typical
127	M153A	N198	N200			RIGID	None	None	RIGID	Typical
128	M155	N206A	N321A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
129	M154	N204A	N219			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
130	M157A	N209A	N220			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
131	M162	N205A	N274A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
132	M163	N206B	N292			Corner Plate	Beam	RECT	A36 Gr.36	Typical
133	M166	N218A	N221A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
134	M167	N219	N222A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
135	M168	N220	N223			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
136	M169	N221A	N180A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
137	M170	N222A	N203			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
138	M171	N223	N208A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
139	M172	N225	N227			RIGID	None	None	RIGID	Typical
140	M173	N224	N226			RIGID	None	None	RIGID	Typical
141	M174	N227	N226		180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
142	M175	N229	N231			RIGID	None	None	RIGID	Typical
143	M176	N228	N230			RIGID	None	None	RIGID	Typical
144	M177	N231	N230		90	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
145	M178	N233	N235			RIGID	None	None	RIGID	Typical
146	M179	N232	N234			RIGID	None	None	RIGID	Typical
147	M180	N235	N234		180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
148	M181	N237	N239			RIGID	None	None	RIGID	Typical
149	M182	N236	N238			RIGID	None	None	RIGID	Typical
150	M183	N239	N238		90	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
151	M184	N241	N243			RIGID	None	None	RIGID	Typical
152	M185	N240	N242			RIGID	None	None	RIGID	Typical
153	M186	N243	N242		180	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
154	M187	N245	N247			RIGID	None	None	RIGID	Typical
155	M188	N244	N246			RIGID	None	None	RIGID	Typical
156	M189	N247	N246		90	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
157	M190	N231	N250			RIGID	None	None	RIGID	Typical
158	M191	N250	N243			RIGID	None	None	RIGID	Typical
159	M192	N254	N262			RIGID	None	None	RIGID	Typical
160	M193	N262	N262A			RIGID	None	None	RIGID	Typical
161	M194	N262A	N255			RIGID	None	None	RIGID	Typical
162	M195	N227	N252			RIGID	None	None	RIGID	Typical
163	M196	N252	N239			RIGID	None	None	RIGID	Typical
164	M197	N235	N249			RIGID	None	None	RIGID	Typical
165	M198	N249	N247			RIGID	None	None	RIGID	Typical
166	M199	N255	N254			RIGID	None	None	RIGID	Typical
167	M200	N259	N221A			RIGID	None	None	RIGID	Typical
168	M201	N258	N218A			RIGID	None	None	RIGID	Typical
169	M202	N262B	N265			RIGID	None	None	RIGID	Typical
170	M203	N265	N264			RIGID	None	None	RIGID	Typical
171	M204	N264	N263			RIGID	None	None	RIGID	Typical
172	M205	N263	N262B			RIGID	None	None	RIGID	Typical
173	M206	N267	N222A			RIGID	None	None	RIGID	Typical
174	M207	N266	N219			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
175	M208	N270	N273		RIGID	None	None	RIGID	Typical
176	M209	N273	N272		RIGID	None	None	RIGID	Typical
177	M210	N272	N271		RIGID	None	None	RIGID	Typical
178	M211	N271	N270		RIGID	None	None	RIGID	Typical
179	M212	N275	N223		RIGID	None	None	RIGID	Typical
180	M213	N274	N220		RIGID	None	None	RIGID	Typical
181	M222A	N289A	N291A		RIGID	None	None	RIGID	Typical
182	M223	N292A	N293A	330	Standoff Plate ...	Column	Wide Flange	A36 Gr.36	Typical
183	M224A	N294A	N292A		RIGID	None	None	RIGID	Typical
184	M225	N290A	N295A		RIGID	None	None	RIGID	Typical
185	M226A	N296A	N297A	330	Standoff Plate ...	Column	Wide Flange	A36 Gr.36	Typical
186	M227	N298A	N296A		RIGID	None	None	RIGID	Typical
187	M228A	N303A	N304A		Cross Member	Beam	Tube	A500 Gr. ...	Typical
188	M229	N300A	N302A		RIGID	None	None	RIGID	Typical
189	M230A	N299A	N301A		RIGID	None	None	RIGID	Typical
190	M231	N305A	N307A		RIGID	None	None	RIGID	Typical
191	M232A	N308A	N309A	30	Standoff Plate ...	Column	Wide Flange	A36 Gr.36	Typical
192	M233	N310A	N308A		RIGID	None	None	RIGID	Typical
193	M234A	N306A	N311A		RIGID	None	None	RIGID	Typical
194	M235	N312A	N313A	30	Standoff Plate ...	Column	Wide Flange	A36 Gr.36	Typical
195	M236A	N314A	N312A		RIGID	None	None	RIGID	Typical
196	M237	N319A	N320		Cross Member	Beam	Tube	A500 Gr. ...	Typical
197	M238A	N316A	N318A		RIGID	None	None	RIGID	Typical
198	M239	N315A	N317A		RIGID	None	None	RIGID	Typical
199	M238	N320A	N320B		RIGID	None	None	RIGID	Typical
200	M239A	N319B	N319C		RIGID	None	None	RIGID	Typical
201	M240	N322	N324		RIGID	None	None	RIGID	Typical
202	M241	N321	N323		RIGID	None	None	RIGID	Typical
203	M242	N326	N328		RIGID	None	None	RIGID	Typical
204	M243	N325	N327		RIGID	None	None	RIGID	Typical
205	M239B	N321A	N207A		RIGID	None	None	RIGID	Typical
206	M240A	N212A	N324A		Corner Plate	Beam	RECT	A36 Gr.36	Typical
207	M241A	N324A	N323A		RIGID	None	None	RIGID	Typical
208	M242A	N205A	N327A		Corner Plate	Beam	RECT	A36 Gr.36	Typical
209	M243A	N327A	N325A		RIGID	None	None	RIGID	Typical
210	M244	N206B	N329		Corner Plate	Beam	RECT	A36 Gr.36	Typical
211	M245	N329	N207A		RIGID	None	None	RIGID	Typical
212	M246	N210A	N333		Corner Plate	Beam	RECT	A36 Gr.36	Typical
213	M247	N333	N323A		RIGID	None	None	RIGID	Typical
214	M248	N207B	N335		Corner Plate	Beam	RECT	A36 Gr.36	Typical
215	M249	N335	N325A		RIGID	None	None	RIGID	Typical
216	M238B	N305	N306		RIGID	None	None	RIGID	Typical
217	MP2A	N308	N309		Mount Pipe P2.5	Column	Pipe	A53 Gr. B	Typical
218	M240B	N310B	N311		RIGID	None	None	RIGID	Typical
219	MP3A	N313	N314		Mount Pipe	Column	Pipe	A53 Gr. B	Typical
220	M242B	N314B	N315		RIGID	None	None	RIGID	Typical
221	MP2C	N316	N317		Mount Pipe P2.5	Column	Pipe	A53 Gr. B	Typical
222	M246A	N323B	N324B		RIGID	None	None	RIGID	Typical
223	MP2B	N325B	N326A		Mount Pipe P2.5	Column	Pipe	A53 Gr. B	Typical
224	M250	N330A	N68		RIGID	None	None	RIGID	Typical
225	M251	N68	N331		RIGID	None	None	RIGID	Typical
226	M252	N333A	N67		RIGID	None	None	RIGID	Typical
227	M253	N67	N334		RIGID	None	None	RIGID	Typical
228	M248B	N336	N115		RIGID	None	None	RIGID	Typical
229	M249A	N115	N337		RIGID	None	None	RIGID	Typical
230	M250A	N338	N114		RIGID	None	None	RIGID	Typical
231	M251A	N114	N339		RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
232	M252A	N343	N31			RIGID	None	None	RIGID	Typical
233	M253A	N31	N344			RIGID	None	None	RIGID	Typical
234	M254	N345	N30			RIGID	None	None	RIGID	Typical
235	M255	N30	N346			RIGID	None	None	RIGID	Typical
236	M256	N344A	N341			MOD Kickers	Beam	Single Angle	A36 Gr.36	Typical
237	M257	N349	N342			MOD Kickers	Beam	Single Angle	A36 Gr.36	Typical
238	M258	N354	N343A			MOD Kickers	Beam	Single Angle	A36 Gr.36	Typical
239	M259	N349A	N350			RIGID	None	None	RIGID	Typical
240	M260	N351	N352			RIGID	None	None	RIGID	Typical
241	M261	N348	N347			Mod Support ...	Column	Pipe	A53 Gr. B	Typical
242	M262	N356	N357			RIGID	None	None	RIGID	Typical
243	M264	N355	N354A			Mod Support ...	Column	Pipe	A53 Gr. B	Typical
244	M265	N363	N364			RIGID	None	None	RIGID	Typical
245	M267	N362	N361			Mod Support ...	Column	Pipe	A53 Gr. B	Typical
246	M268	N366A	N367			RIGID	None	None	RIGID	Typical
247	M269	N365A	N369			RIGID	None	None	RIGID	Typical
248	M270	N371	N372			RIGID	None	None	RIGID	Typical
249	M271	N370	N373			RIGID	None	None	RIGID	Typical
250	M272	N376	N377			RIGID	None	None	RIGID	Typical
251	M273	N375	N378			RIGID	None	None	RIGID	Typical
252	M274	N369	N377		90	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
253	M275	N373	N367		90	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
254	M276	N378	N372		90	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
255	M267A	N367A	N368			RIGID	None	None	RIGID	Typical
256	MP1A	N369A	N370A		240	Mount Pipe	Column	Pipe	A53 Gr. B	Typical
257	M269A	N371A	N372A			RIGID	None	None	RIGID	Typical
258	MP4A	N373A	N374		240	Mount Pipe	Column	Pipe	A53 Gr. B	Typical
259	M271A	N375A	N376A			RIGID	None	None	RIGID	Typical
260	M272A	N377A	N378A			RIGID	None	None	RIGID	Typical
261	M261A	N361A	N362A			RIGID	None	None	RIGID	Typical
262	MP3C	N363A	N364A		240	Mount Pipe	Column	Pipe	A53 Gr. B	Typical
263	M263	N365	N366			RIGID	None	None	RIGID	Typical
264	M264A	N367B	N368A			RIGID	None	None	RIGID	Typical
265	MP1C	N369B	N370B		120	Mount Pipe	Column	Pipe	A53 Gr. B	Typical
266	M266	N371B	N372B			RIGID	None	None	RIGID	Typical
267	MP4C	N373B	N374A		120	Mount Pipe	Column	Pipe	A53 Gr. B	Typical
268	M268B	N375B	N376B			RIGID	None	None	RIGID	Typical
269	M269B	N377B	N378B			RIGID	None	None	RIGID	Typical
270	M270B	N379	N380			RIGID	None	None	RIGID	Typical
271	MP3B	N381	N382		120	Mount Pipe	Column	Pipe	A53 Gr. B	Typical
272	M272B	N383	N384			RIGID	None	None	RIGID	Typical
273	M273A	N385	N386			RIGID	None	None	RIGID	Typical
274	MP1B	N387	N388			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
275	M275A	N389	N390			RIGID	None	None	RIGID	Typical
276	MP4B	N391A	N392A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
277	M277	N393A	N394A			RIGID	None	None	RIGID	Typical
278	M278	N395A	N396A			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes	** NA **			None
3	M3						Yes	** NA **			None
4	M4						Yes	** NA **			None
5	M5						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
6	M7						Yes				None
7	M8						Yes				None
8	M10						Yes	** NA **			None
9	M13						Yes				None
10	M14	BenPIN					Yes				None
11	M17						Yes	** NA **			None
12	M18	BenPIN					Yes	Default			None
13	M25						Yes				None
14	M26						Yes	Default			None
15	M29		OOOXOO				Yes	** NA **			None
16	M31						Yes				None
17	M41A	OOOXOO					Yes	** NA **			None
18	M42A						Yes				None
19	M44A						Yes				None
20	M43						Yes	** NA **			None
21	M44	BenPIN					Yes				None
22	M45B						Yes	** NA **			None
23	M46A	BenPIN					Yes	Default			None
24	M46B						Yes				None
25	M34A						Yes				None
26	M35						Yes				None
27	M36						Yes				None
28	M35A		OOOXOO				Yes	** NA **			None
29	M36A	OOOXOO					Yes	** NA **			None
30	M37	OOOXOO					Yes	** NA **			None
31	M37A		OOOXOO				Yes	** NA **			None
32	M38						Yes				None
33	M40	OOOXOO					Yes	** NA **			None
34	M41		OOOXOO				Yes	** NA **			None
35	M42						Yes				None
36	M43A						Yes	** NA **			None
37	M44B						Yes	** NA **			None
38	M45						Yes	** NA **			None
39	M46						Yes	** NA **			None
40	M47						Yes				None
41	M48						Yes				None
42	M49						Yes	** NA **			None
43	M50						Yes				None
44	M51	BenPIN					Yes				None
45	M52						Yes	** NA **			None
46	M53	BenPIN					Yes				None
47	M56						Yes				None
48	M57						Yes				None
49	M58		OOOXOO				Yes	** NA **			None
50	M59						Yes	Default			None
51	M60	OOOXOO					Yes	** NA **			None
52	M61						Yes				None
53	M62						Yes				None
54	M63						Yes	** NA **			None
55	M64	BenPIN					Yes				None
56	M65						Yes	** NA **			None
57	M66	BenPIN					Yes				None
58	M67						Yes				None
59	M68						Yes				None
60	M69						Yes				None
61	M70						Yes				None
62	M71		OOOXOO				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
63	M72	OOOXOO					Yes	** NA **			None
64	M73	OOOXOO					Yes	** NA **			None
65	M74		OOOXOO				Yes	** NA **			None
66	M79						Yes				None
67	M81	OOOXOO					Yes	** NA **			None
68	M82		OOOXOO				Yes	** NA **			None
69	M83						Yes				None
70	M84						Yes	** NA **			None
71	M85						Yes	** NA **			None
72	M86						Yes	** NA **			None
73	M87						Yes	** NA **			None
74	M88						Yes				None
75	M89						Yes				None
76	M90						Yes	** NA **			None
77	M91						Yes				None
78	M92	BenPIN					Yes				None
79	M93						Yes	** NA **			None
80	M94	BenPIN					Yes				None
81	M97						Yes				None
82	M98						Yes				None
83	M99		OOOXOO				Yes	** NA **			None
84	M100						Yes				None
85	M101	OOOXOO					Yes	** NA **			None
86	M102						Yes				None
87	M103						Yes				None
88	M104						Yes	** NA **			None
89	M105	BenPIN					Yes				None
90	M106						Yes	** NA **			None
91	M107	BenPIN					Yes				None
92	M108						Yes				None
93	M109						Yes				None
94	M110						Yes				None
95	M111						Yes				None
96	M112		OOOXOO				Yes	** NA **			None
97	M113	OOOXOO					Yes	** NA **			None
98	M114	OOOXOO					Yes	** NA **			None
99	M115		OOOXOO				Yes	** NA **			None
100	M116						Yes	** NA **			None
101	M118						Yes				None
102	M120						Yes				None
103	M122	OOOXOO					Yes	** NA **			None
104	M123		OOOXOO				Yes	** NA **			None
105	M117						Yes	** NA **			None
106	M118A						Yes	** NA **			None
107	M119A						Yes	** NA **			None
108	M120A						Yes	** NA **			None
109	M121A						Yes				None
110	M122A						Yes	** NA **			None
111	M123A						Yes	** NA **			None
112	M124						Yes	** NA **			None
113	M125						Yes	** NA **			None
114	M126						Yes				None
115	M127						Yes	** NA **			None
116	M128						Yes	** NA **			None
117	M129						Yes	** NA **			None
118	M130						Yes	** NA **			None
119	M131						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
120	M132						Yes	** NA **			None
121	M133						Yes	** NA **			None
122	M134						Yes	** NA **			None
123	M135						Yes	** NA **			None
124	M148						Yes				None
125	M152B						Yes				None
126	M152C						Yes	** NA **			None
127	M153A						Yes	** NA **			None
128	M155						Yes				None
129	M154						Yes				None
130	M157A						Yes				None
131	M162						Yes				None
132	M163						Yes				None
133	M166						Yes				None
134	M167						Yes				None
135	M168						Yes				None
136	M169						Yes				None
137	M170						Yes				None
138	M171						Yes				None
139	M172	BenPIN					Yes	** NA **			None
140	M173	BenPIN					Yes	** NA **			None
141	M174						Yes				None
142	M175	BenPIN					Yes	** NA **			None
143	M176	BenPIN					Yes	** NA **			None
144	M177						Yes				None
145	M178	BenPIN					Yes	** NA **			None
146	M179	BenPIN					Yes	** NA **			None
147	M180						Yes				None
148	M181	BenPIN					Yes	** NA **			None
149	M182	BenPIN					Yes	** NA **			None
150	M183						Yes				None
151	M184	BenPIN					Yes	** NA **			None
152	M185	BenPIN					Yes	** NA **			None
153	M186						Yes				None
154	M187	BenPIN					Yes	** NA **			None
155	M188	BenPIN					Yes	** NA **			None
156	M189						Yes				None
157	M190						Yes	** NA **			None
158	M191						Yes	** NA **			None
159	M192						Yes	** NA **			None
160	M193						Yes	** NA **			None
161	M194						Yes	** NA **			None
162	M195						Yes	** NA **			None
163	M196						Yes	** NA **			None
164	M197						Yes	** NA **			None
165	M198						Yes	** NA **			None
166	M199						Yes	** NA **			None
167	M200						Yes	** NA **			None
168	M201						Yes	** NA **			None
169	M202						Yes	** NA **			None
170	M203						Yes	** NA **			None
171	M204						Yes	** NA **			None
172	M205						Yes	** NA **			None
173	M206						Yes	** NA **			None
174	M207						Yes	** NA **			None
175	M208						Yes	** NA **			None
176	M209						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
177	M210						Yes	** NA **			None
178	M211						Yes	** NA **			None
179	M212						Yes	** NA **			None
180	M213						Yes	** NA **			None
181	M222A						Yes	** NA **			None
182	M223						Yes	** NA **			None
183	M224A						Yes	** NA **			None
184	M225						Yes	** NA **			None
185	M226A						Yes	** NA **			None
186	M227						Yes	** NA **			None
187	M228A						Yes				None
188	M229						Yes	** NA **			None
189	M230A						Yes	** NA **			None
190	M231						Yes	** NA **			None
191	M232A						Yes	** NA **			None
192	M233						Yes	** NA **			None
193	M234A						Yes	** NA **			None
194	M235						Yes	** NA **			None
195	M236A						Yes	** NA **			None
196	M237						Yes				None
197	M238A						Yes	** NA **			None
198	M239						Yes	** NA **			None
199	M238						Yes	** NA **			None
200	M239A						Yes	** NA **			None
201	M240						Yes	** NA **			None
202	M241						Yes	** NA **			None
203	M242						Yes	** NA **			None
204	M243						Yes	** NA **			None
205	M239B						Yes	** NA **			None
206	M240A						Yes				None
207	M241A						Yes	** NA **			None
208	M242A						Yes				None
209	M243A						Yes	** NA **			None
210	M244						Yes				None
211	M245						Yes	** NA **			None
212	M246						Yes				None
213	M247						Yes	** NA **			None
214	M248						Yes				None
215	M249						Yes	** NA **			None
216	M238B						Yes	** NA **			None
217	MP2A						Yes	** NA **			None
218	M240B						Yes	** NA **			None
219	MP3A						Yes	** NA **			None
220	M242B						Yes	** NA **			None
221	MP2C						Yes	** NA **			None
222	M246A						Yes	** NA **			None
223	MP2B						Yes	** NA **			None
224	M250						Yes	** NA **			None
225	M251						Yes	** NA **			None
226	M252						Yes	** NA **			None
227	M253						Yes	** NA **			None
228	M248B						Yes	** NA **			None
229	M249A						Yes	** NA **			None
230	M250A						Yes	** NA **			None
231	M251A						Yes	** NA **			None
232	M252A						Yes	** NA **			None
233	M253A						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
234	M254						Yes	** NA **			None
235	M255						Yes	** NA **			None
236	M256	BenPIN	BenPIN				Yes				None
237	M257	BenPIN	BenPIN				Yes				None
238	M258	BenPIN	BenPIN				Yes				None
239	M259						Yes	** NA **			None
240	M260						Yes	** NA **			None
241	M261						Yes	** NA **			None
242	M262						Yes	** NA **			None
243	M264						Yes	** NA **			None
244	M265						Yes	** NA **			None
245	M267						Yes	** NA **			None
246	M268	OOOOOX					Yes	** NA **			None
247	M269	OOOOOX					Yes	** NA **			None
248	M270	OOOOOX					Yes	** NA **			None
249	M271	OOOOOX					Yes	** NA **			None
250	M272	OOOOOX					Yes	** NA **			None
251	M273	OOOOOX					Yes	** NA **			None
252	M274						Yes				None
253	M275						Yes				None
254	M276						Yes				None
255	M267A						Yes	** NA **			None
256	MP1A						Yes	** NA **			None
257	M269A						Yes	** NA **			None
258	MP4A						Yes	** NA **			None
259	M271A						Yes	** NA **			None
260	M272A						Yes	** NA **			None
261	M261A						Yes	** NA **			None
262	MP3C						Yes	** NA **			None
263	M263						Yes	** NA **			None
264	M264A						Yes	** NA **			None
265	MP1C						Yes	** NA **			None
266	M266						Yes	** NA **			None
267	MP4C						Yes	** NA **			None
268	M268B						Yes	** NA **			None
269	M269B						Yes	** NA **			None
270	M270B						Yes	** NA **			None
271	MP3B						Yes	** NA **			None
272	M272B						Yes	** NA **			None
273	M273A						Yes	** NA **			None
274	MP1B						Yes	** NA **			None
275	M275A						Yes	** NA **			None
276	MP4B						Yes	** NA **			None
277	M277						Yes	** NA **			None
278	M278						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	Y	-43.55	24
2	MP4A	My	-.022	24
3	MP4A	Mz	0	24
4	MP4A	Y	-43.55	48
5	MP4A	My	-.022	48
6	MP4A	Mz	0	48
7	MP4B	Y	-43.55	24

Member Point Loads (BLC 1 : Antenna D) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
8	MP4B	My	.015	24
9	MP4B	Mz	-.015	24
10	MP4B	Y	-43.55	48
11	MP4B	My	.015	48
12	MP4B	Mz	-.015	48
13	MP4C	Y	-43.55	24
14	MP4C	My	.011	24
15	MP4C	Mz	.019	24
16	MP4C	Y	-43.55	48
17	MP4C	My	.011	48
18	MP4C	Mz	.019	48
19	MP2A	Y	-84.4	36
20	MP2A	My	.042	36
21	MP2A	Mz	0	36
22	MP2B	Y	-84.4	36
23	MP2B	My	-.03	36
24	MP2B	Mz	.03	36
25	MP2C	Y	-84.4	36
26	MP2C	My	-.021	36
27	MP2C	Mz	-.037	36
28	MP3A	Y	-70.3	36
29	MP3A	My	.035	36
30	MP3A	Mz	0	36
31	MP3B	Y	-70.3	36
32	MP3B	My	-.025	36
33	MP3B	Mz	.025	36
34	MP3C	Y	-70.3	36
35	MP3C	My	-.018	36
36	MP3C	Mz	-.03	36
37	MP1A	Y	-32	30
38	MP1A	My	.016	30
39	MP1A	Mz	0	30
40	MP2A	Y	-23	6
41	MP2A	My	-.011	6
42	MP2A	Mz	.017	6
43	MP2A	Y	-23	66
44	MP2A	My	-.011	66
45	MP2A	Mz	.017	66
46	MP2B	Y	-23	6
47	MP2B	My	.02	6
48	MP2B	Mz	.004	6
49	MP2B	Y	-23	66
50	MP2B	My	.02	66
51	MP2B	Mz	.004	66
52	MP2C	Y	-23	6
53	MP2C	My	.021	6
54	MP2C	Mz	.001	6
55	MP2C	Y	-23	66
56	MP2C	My	.021	66
57	MP2C	Mz	.001	66
58	MP2A	Y	-23	6
59	MP2A	My	-.011	6
60	MP2A	Mz	-.017	6
61	MP2A	Y	-23	66
62	MP2A	My	-.011	66
63	MP2A	Mz	-.017	66
64	MP2B	Y	-23	6

Member Point Loads (BLC 1 : Antenna D) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
65	MP2B	My	-.004	6
66	MP2B	Mz	-.02	6
67	MP2B	Y	-23	66
68	MP2B	My	-.004	66
69	MP2B	Mz	-.02	66
70	MP2C	Y	-23	6
71	MP2C	My	-.009	6
72	MP2C	Mz	.019	6
73	MP2C	Y	-23	66
74	MP2C	My	-.009	66
75	MP2C	Mz	.019	66
76	MP2A	Y	-52.9	18
77	MP2A	My	.026	18
78	MP2A	Mz	0	18
79	MP2B	Y	-52.9	18
80	MP2B	My	-.019	18
81	MP2B	Mz	.019	18
82	MP2C	Y	-52.9	18
83	MP2C	My	-.013	18
84	MP2C	Mz	-.023	18

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	Y	-56.815	24
2	MP4A	My	-.028	24
3	MP4A	Mz	0	24
4	MP4A	Y	-56.815	48
5	MP4A	My	-.028	48
6	MP4A	Mz	0	48
7	MP4B	Y	-56.815	24
8	MP4B	My	.02	24
9	MP4B	Mz	-.02	24
10	MP4B	Y	-56.815	48
11	MP4B	My	.02	48
12	MP4B	Mz	-.02	48
13	MP4C	Y	-56.815	24
14	MP4C	My	.014	24
15	MP4C	Mz	.025	24
16	MP4C	Y	-56.815	48
17	MP4C	My	.014	48
18	MP4C	Mz	.025	48
19	MP2A	Y	-72.219	36
20	MP2A	My	.036	36
21	MP2A	Mz	0	36
22	MP2B	Y	-72.219	36
23	MP2B	My	-.026	36
24	MP2B	Mz	.026	36
25	MP2C	Y	-72.219	36
26	MP2C	My	-.018	36
27	MP2C	Mz	-.031	36
28	MP3A	Y	-65.208	36
29	MP3A	My	.033	36
30	MP3A	Mz	0	36
31	MP3B	Y	-65.208	36
32	MP3B	My	-.023	36
33	MP3B	Mz	.023	36

Member Point Loads (BLC 2 : Antenna Di) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
34	MP3C	Y	-65.208	36
35	MP3C	My	-.016	36
36	MP3C	Mz	-.028	36
37	MP1A	Y	-138.976	30
38	MP1A	My	.069	30
39	MP1A	Mz	0	30
40	MP2A	Y	-129.539	6
41	MP2A	My	-.065	6
42	MP2A	Mz	.097	6
43	MP2A	Y	-129.539	66
44	MP2A	My	-.065	66
45	MP2A	Mz	.097	66
46	MP2B	Y	-129.539	6
47	MP2B	My	.114	6
48	MP2B	Mz	.023	6
49	MP2B	Y	-129.539	66
50	MP2B	My	.114	66
51	MP2B	Mz	.023	66
52	MP2C	Y	-129.539	6
53	MP2C	My	.117	6
54	MP2C	Mz	.008	6
55	MP2C	Y	-129.539	66
56	MP2C	My	.117	66
57	MP2C	Mz	.008	66
58	MP2A	Y	-129.539	6
59	MP2A	My	-.065	6
60	MP2A	Mz	-.097	6
61	MP2A	Y	-129.539	66
62	MP2A	My	-.065	66
63	MP2A	Mz	-.097	66
64	MP2B	Y	-129.539	6
65	MP2B	My	-.023	6
66	MP2B	Mz	-.114	6
67	MP2B	Y	-129.539	66
68	MP2B	My	-.023	66
69	MP2B	Mz	-.114	66
70	MP2C	Y	-129.539	6
71	MP2C	My	-.052	6
72	MP2C	Mz	.105	6
73	MP2C	Y	-129.539	66
74	MP2C	My	-.052	66
75	MP2C	Mz	.105	66
76	MP2A	Y	-60.576	18
77	MP2A	My	.03	18
78	MP2A	Mz	0	18
79	MP2B	Y	-60.576	18
80	MP2B	My	-.021	18
81	MP2B	Mz	.021	18
82	MP2C	Y	-60.576	18
83	MP2C	My	-.015	18
84	MP2C	Mz	-.026	18

Member Point Loads (BLC 3 : Antenna Wo (0 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	0	24
2	MP4A	Z	-91.208	24

Member Point Loads (BLC 3 : Antenna Wo (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
3	MP4A	Mx	0	24
4	MP4A	X	0	48
5	MP4A	Z	-91.208	48
6	MP4A	Mx	0	48
7	MP4B	X	0	24
8	MP4B	Z	-63.458	24
9	MP4B	Mx	.022	24
10	MP4B	X	0	48
11	MP4B	Z	-63.458	48
12	MP4B	Mx	.022	48
13	MP4C	X	0	24
14	MP4C	Z	-49.583	24
15	MP4C	Mx	-.021	24
16	MP4C	X	0	48
17	MP4C	Z	-49.583	48
18	MP4C	Mx	-.021	48
19	MP2A	X	0	36
20	MP2A	Z	-72.578	36
21	MP2A	Mx	0	36
22	MP2B	X	0	36
23	MP2B	Z	-60.546	36
24	MP2B	Mx	-.021	36
25	MP2C	X	0	36
26	MP2C	Z	-54.53	36
27	MP2C	Mx	.024	36
28	MP3A	X	0	36
29	MP3A	Z	-72.578	36
30	MP3A	Mx	0	36
31	MP3B	X	0	36
32	MP3B	Z	-55.937	36
33	MP3B	Mx	-.02	36
34	MP3C	X	0	36
35	MP3C	Z	-47.617	36
36	MP3C	Mx	.021	36
37	MP1A	X	0	30
38	MP1A	Z	-157.576	30
39	MP1A	Mx	0	30
40	MP2A	X	0	6
41	MP2A	Z	-191.536	6
42	MP2A	Mx	-.144	6
43	MP2A	X	0	66
44	MP2A	Z	-191.536	66
45	MP2A	Mx	-.144	66
46	MP2B	X	0	6
47	MP2B	Z	-166.968	6
48	MP2B	Mx	-.03	6
49	MP2B	X	0	66
50	MP2B	Z	-166.968	66
51	MP2B	Mx	-.03	66
52	MP2C	X	0	6
53	MP2C	Z	-154.684	6
54	MP2C	Mx	-.009	6
55	MP2C	X	0	66
56	MP2C	Z	-154.684	66
57	MP2C	Mx	-.009	66
58	MP2A	X	0	6
59	MP2A	Z	-191.536	6



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Member Point Loads (BLC 3 : Antenna Wo (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
60	MP2A	Mx	.144	6
61	MP2A	X	0	66
62	MP2A	Z	-191.536	66
63	MP2A	Mx	.144	66
64	MP2B	X	0	6
65	MP2B	Z	-166.968	6
66	MP2B	Mx	.148	6
67	MP2B	X	0	66
68	MP2B	Z	-166.968	66
69	MP2B	Mx	.148	66
70	MP2C	X	0	6
71	MP2C	Z	-154.684	6
72	MP2C	Mx	-.125	6
73	MP2C	X	0	66
74	MP2C	Z	-154.684	66
75	MP2C	Mx	-.125	66
76	MP2A	X	0	18
77	MP2A	Z	-76.071	18
78	MP2A	Mx	0	18
79	MP2B	X	0	18
80	MP2B	Z	-53.974	18
81	MP2B	Mx	-.019	18
82	MP2C	X	0	18
83	MP2C	Z	-42.926	18
84	MP2C	Mx	.019	18

Member Point Loads (BLC 4 : Antenna Wo (30 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	38.666	24
2	MP4A	Z	-66.972	24
3	MP4A	Mx	-.019	24
4	MP4A	X	38.666	48
5	MP4A	Z	-66.972	48
6	MP4A	Mx	-.019	48
7	MP4B	X	19.713	24
8	MP4B	Z	-34.143	24
9	MP4B	Mx	.019	24
10	MP4B	X	19.713	48
11	MP4B	Z	-34.143	48
12	MP4B	Mx	.019	48
13	MP4C	X	38.666	24
14	MP4C	Z	-66.972	24
15	MP4C	Mx	-.019	24
16	MP4C	X	38.666	48
17	MP4C	Z	-66.972	48
18	MP4C	Mx	-.019	48
19	MP2A	X	33.281	36
20	MP2A	Z	-57.644	36
21	MP2A	Mx	.017	36
22	MP2B	X	25.063	36
23	MP2B	Z	-43.411	36
24	MP2B	Mx	-.024	36
25	MP2C	X	33.281	36
26	MP2C	Z	-57.644	36
27	MP2C	Mx	.017	36
28	MP3A	X	32.129	36

Member Point Loads (BLC 4 : Antenna Wo (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
29	MP3A	Z	-55.649	36
30	MP3A	Mx	.016	36
31	MP3B	X	20.763	36
32	MP3B	Z	-35.963	36
33	MP3B	Mx	-.02	36
34	MP3C	X	32.129	36
35	MP3C	Z	-55.649	36
36	MP3C	Mx	.016	36
37	MP1A	X	74.118	30
38	MP1A	Z	-128.377	30
39	MP1A	Mx	.037	30
40	MP2A	X	89.626	6
41	MP2A	Z	-155.237	6
42	MP2A	Mx	-.161	6
43	MP2A	X	89.626	66
44	MP2A	Z	-155.237	66
45	MP2A	Mx	-.161	66
46	MP2B	X	72.845	6
47	MP2B	Z	-126.172	6
48	MP2B	Mx	.042	6
49	MP2B	X	72.845	66
50	MP2B	Z	-126.172	66
51	MP2B	Mx	.042	66
52	MP2C	X	89.626	6
53	MP2C	Z	-155.237	6
54	MP2C	Mx	.072	6
55	MP2C	X	89.626	66
56	MP2C	Z	-155.237	66
57	MP2C	Mx	.072	66
58	MP2A	X	89.626	6
59	MP2A	Z	-155.237	6
60	MP2A	Mx	.072	6
61	MP2A	X	89.626	66
62	MP2A	Z	-155.237	66
63	MP2A	Mx	.072	66
64	MP2B	X	72.845	6
65	MP2B	Z	-126.172	6
66	MP2B	Mx	.099	6
67	MP2B	X	72.845	66
68	MP2B	Z	-126.172	66
69	MP2B	Mx	.099	66
70	MP2C	X	89.626	6
71	MP2C	Z	-155.237	6
72	MP2C	Mx	-.161	6
73	MP2C	X	89.626	66
74	MP2C	Z	-155.237	66
75	MP2C	Mx	-.161	66
76	MP2A	X	32.511	18
77	MP2A	Z	-56.311	18
78	MP2A	Mx	.016	18
79	MP2B	X	17.419	18
80	MP2B	Z	-30.17	18
81	MP2B	Mx	-.017	18
82	MP2C	X	32.511	18
83	MP2C	Z	-56.311	18
84	MP2C	Mx	.016	18



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Member Point Loads (BLC 5 : Antenna Wo (60 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	42.94	24
2	MP4A	Z	-24.791	24
3	MP4A	Mx	-.021	24
4	MP4A	X	42.94	48
5	MP4A	Z	-24.791	48
6	MP4A	Mx	-.021	48
7	MP4B	X	34.143	24
8	MP4B	Z	-19.713	24
9	MP4B	Mx	.019	24
10	MP4B	X	34.143	48
11	MP4B	Z	-19.713	48
12	MP4B	Mx	.019	48
13	MP4C	X	78.988	24
14	MP4C	Z	-45.604	24
15	MP4C	Mx	0	24
16	MP4C	X	78.988	48
17	MP4C	Z	-45.604	48
18	MP4C	Mx	0	48
19	MP2A	X	47.225	36
20	MP2A	Z	-27.265	36
21	MP2A	Mx	.024	36
22	MP2B	X	43.411	36
23	MP2B	Z	-25.063	36
24	MP2B	Mx	-.024	36
25	MP2C	X	62.854	36
26	MP2C	Z	-36.289	36
27	MP2C	Mx	0	36
28	MP3A	X	41.238	36
29	MP3A	Z	-23.809	36
30	MP3A	Mx	.021	36
31	MP3B	X	35.963	36
32	MP3B	Z	-20.763	36
33	MP3B	Mx	-.02	36
34	MP3C	X	62.854	36
35	MP3C	Z	-36.289	36
36	MP3C	Mx	0	36
37	MP1A	X	112.201	30
38	MP1A	Z	-64.779	30
39	MP1A	Mx	.056	30
40	MP2A	X	133.96	6
41	MP2A	Z	-77.342	6
42	MP2A	Mx	-.125	6
43	MP2A	X	133.96	66
44	MP2A	Z	-77.342	66
45	MP2A	Mx	-.125	66
46	MP2B	X	126.172	6
47	MP2B	Z	-72.845	6
48	MP2B	Mx	.099	6
49	MP2B	X	126.172	66
50	MP2B	Z	-72.845	66
51	MP2B	Mx	.099	66
52	MP2C	X	165.875	6
53	MP2C	Z	-95.768	6
54	MP2C	Mx	.144	6
55	MP2C	X	165.875	66
56	MP2C	Z	-95.768	66
57	MP2C	Mx	.144	66



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Member Point Loads (BLC 5 : Antenna Wo (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
58	MP2A	X	133.96	6
59	MP2A	Z	-77.342	6
60	MP2A	Mx	-.009	6
61	MP2A	X	133.96	66
62	MP2A	Z	-77.342	66
63	MP2A	Mx	-.009	66
64	MP2B	X	126.172	6
65	MP2B	Z	-72.845	6
66	MP2B	Mx	.042	6
67	MP2B	X	126.172	66
68	MP2B	Z	-72.845	66
69	MP2B	Mx	.042	66
70	MP2C	X	165.875	6
71	MP2C	Z	-95.768	6
72	MP2C	Mx	-.144	6
73	MP2C	X	165.875	66
74	MP2C	Z	-95.768	66
75	MP2C	Mx	-.144	66
76	MP2A	X	37.175	18
77	MP2A	Z	-21.463	18
78	MP2A	Mx	.019	18
79	MP2B	X	30.17	18
80	MP2B	Z	-17.419	18
81	MP2B	Mx	-.017	18
82	MP2C	X	65.879	18
83	MP2C	Z	-38.035	18
84	MP2C	Mx	0	18

Member Point Loads (BLC 6 : Antenna Wo (90 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	35.708	24
2	MP4A	Z	0	24
3	MP4A	Mx	-.018	24
4	MP4A	X	35.708	48
5	MP4A	Z	0	48
6	MP4A	Mx	-.018	48
7	MP4B	X	63.458	24
8	MP4B	Z	0	24
9	MP4B	Mx	.022	24
10	MP4B	X	63.458	48
11	MP4B	Z	0	48
12	MP4B	Mx	.022	48
13	MP4C	X	77.333	24
14	MP4C	Z	0	24
15	MP4C	Mx	.019	24
16	MP4C	X	77.333	48
17	MP4C	Z	0	48
18	MP4C	Mx	.019	48
19	MP2A	X	48.515	36
20	MP2A	Z	0	36
21	MP2A	Mx	.024	36
22	MP2B	X	60.546	36
23	MP2B	Z	0	36
24	MP2B	Mx	-.021	36
25	MP2C	X	66.562	36
26	MP2C	Z	0	36



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Member Point Loads (BLC 6 : Antenna Wo (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
27	MP2C	Mx	-.017	36
28	MP3A	X	39.297	36
29	MP3A	Z	0	36
30	MP3A	Mx	.02	36
31	MP3B	X	55.937	36
32	MP3B	Z	0	36
33	MP3B	Mx	-.02	36
34	MP3C	X	64.258	36
35	MP3C	Z	0	36
36	MP3C	Mx	-.016	36
37	MP1A	X	120.219	30
38	MP1A	Z	0	30
39	MP1A	Mx	.06	30
40	MP2A	X	142.399	6
41	MP2A	Z	0	6
42	MP2A	Mx	-.071	6
43	MP2A	X	142.399	66
44	MP2A	Z	0	66
45	MP2A	Mx	-.071	66
46	MP2B	X	166.968	6
47	MP2B	Z	0	6
48	MP2B	Mx	.148	6
49	MP2B	X	166.968	66
50	MP2B	Z	0	66
51	MP2B	Mx	.148	66
52	MP2C	X	179.252	6
53	MP2C	Z	0	6
54	MP2C	Mx	.161	6
55	MP2C	X	179.252	66
56	MP2C	Z	0	66
57	MP2C	Mx	.161	66
58	MP2A	X	142.399	6
59	MP2A	Z	0	6
60	MP2A	Mx	-.071	6
61	MP2A	X	142.399	66
62	MP2A	Z	0	66
63	MP2A	Mx	-.071	66
64	MP2B	X	166.968	6
65	MP2B	Z	0	6
66	MP2B	Mx	-.03	6
67	MP2B	X	166.968	66
68	MP2B	Z	0	66
69	MP2B	Mx	-.03	66
70	MP2C	X	179.252	6
71	MP2C	Z	0	6
72	MP2C	Mx	-.072	6
73	MP2C	X	179.252	66
74	MP2C	Z	0	66
75	MP2C	Mx	-.072	66
76	MP2A	X	31.877	18
77	MP2A	Z	0	18
78	MP2A	Mx	.016	18
79	MP2B	X	53.974	18
80	MP2B	Z	0	18
81	MP2B	Mx	-.019	18
82	MP2C	X	65.023	18
83	MP2C	Z	0	18



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Member Point Loads (BLC 6 : Antenna Wo (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
84	MP2C	Mx	-0.16	18

Member Point Loads (BLC 7 : Antenna Wo (120 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	42.94	24
2	MP4A	Z	24.791	24
3	MP4A	Mx	-.021	24
4	MP4A	X	42.94	48
5	MP4A	Z	24.791	48
6	MP4A	Mx	-.021	48
7	MP4B	X	75.768	24
8	MP4B	Z	43.745	24
9	MP4B	Mx	.011	24
10	MP4B	X	75.768	48
11	MP4B	Z	43.745	48
12	MP4B	Mx	.011	48
13	MP4C	X	42.94	24
14	MP4C	Z	24.791	24
15	MP4C	Mx	.021	24
16	MP4C	X	42.94	48
17	MP4C	Z	24.791	48
18	MP4C	Mx	.021	48
19	MP2A	X	47.225	36
20	MP2A	Z	27.265	36
21	MP2A	Mx	.024	36
22	MP2B	X	61.458	36
23	MP2B	Z	35.483	36
24	MP2B	Mx	-.009	36
25	MP2C	X	47.225	36
26	MP2C	Z	27.265	36
27	MP2C	Mx	-.024	36
28	MP3A	X	41.238	36
29	MP3A	Z	23.809	36
30	MP3A	Mx	.021	36
31	MP3B	X	60.924	36
32	MP3B	Z	35.174	36
33	MP3B	Mx	-.009	36
34	MP3C	X	41.238	36
35	MP3C	Z	23.809	36
36	MP3C	Mx	-.021	36
37	MP1A	X	112.201	30
38	MP1A	Z	64.779	30
39	MP1A	Mx	.056	30
40	MP2A	X	133.96	6
41	MP2A	Z	77.342	6
42	MP2A	Mx	-.009	6
43	MP2A	X	133.96	66
44	MP2A	Z	77.342	66
45	MP2A	Mx	-.009	66
46	MP2B	X	163.024	6
47	MP2B	Z	94.122	6
48	MP2B	Mx	.161	6
49	MP2B	X	163.024	66
50	MP2B	Z	94.122	66
51	MP2B	Mx	.161	66
52	MP2C	X	133.96	6



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Member Point Loads (BLC 7 : Antenna Wo (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
53	MP2C	Z	77.342	6
54	MP2C	Mx	.125	6
55	MP2C	X	133.96	66
56	MP2C	Z	77.342	66
57	MP2C	Mx	.125	66
58	MP2A	X	133.96	6
59	MP2A	Z	77.342	6
60	MP2A	Mx	-.125	6
61	MP2A	X	133.96	66
62	MP2A	Z	77.342	66
63	MP2A	Mx	-.125	66
64	MP2B	X	163.024	6
65	MP2B	Z	94.122	6
66	MP2B	Mx	-.112	6
67	MP2B	X	163.024	66
68	MP2B	Z	94.122	66
69	MP2B	Mx	-.112	66
70	MP2C	X	133.96	6
71	MP2C	Z	77.342	6
72	MP2C	Mx	.009	6
73	MP2C	X	133.96	66
74	MP2C	Z	77.342	66
75	MP2C	Mx	.009	66
76	MP2A	X	37.175	18
77	MP2A	Z	21.463	18
78	MP2A	Mx	.019	18
79	MP2B	X	63.316	18
80	MP2B	Z	36.555	18
81	MP2B	Mx	-.009	18
82	MP2C	X	37.175	18
83	MP2C	Z	21.463	18
84	MP2C	Mx	-.019	18

Member Point Loads (BLC 8 : Antenna Wo (150 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	38.666	24
2	MP4A	Z	66.972	24
3	MP4A	Mx	-.019	24
4	MP4A	X	38.666	48
5	MP4A	Z	66.972	48
6	MP4A	Mx	-.019	48
7	MP4B	X	43.745	24
8	MP4B	Z	75.768	24
9	MP4B	Mx	-.011	24
10	MP4B	X	43.745	48
11	MP4B	Z	75.768	48
12	MP4B	Mx	-.011	48
13	MP4C	X	17.854	24
14	MP4C	Z	30.924	24
15	MP4C	Mx	.018	24
16	MP4C	X	17.854	48
17	MP4C	Z	30.924	48
18	MP4C	Mx	.018	48
19	MP2A	X	33.281	36
20	MP2A	Z	57.644	36
21	MP2A	Mx	.017	36

Member Point Loads (BLC 8 : Antenna Wo (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
22	MP2B	X	35.483	36
23	MP2B	Z	61.458	36
24	MP2B	Mx	.009	36
25	MP2C	X	24.257	36
26	MP2C	Z	42.015	36
27	MP2C	Mx	-.024	36
28	MP3A	X	32.129	36
29	MP3A	Z	55.649	36
30	MP3A	Mx	.016	36
31	MP3B	X	35.174	36
32	MP3B	Z	60.924	36
33	MP3B	Mx	.009	36
34	MP3C	X	19.648	36
35	MP3C	Z	34.032	36
36	MP3C	Mx	-.02	36
37	MP1A	X	74.118	30
38	MP1A	Z	128.377	30
39	MP1A	Mx	.037	30
40	MP2A	X	89.626	6
41	MP2A	Z	155.237	6
42	MP2A	Mx	.072	6
43	MP2A	X	89.626	66
44	MP2A	Z	155.237	66
45	MP2A	Mx	.072	66
46	MP2B	X	94.122	6
47	MP2B	Z	163.024	6
48	MP2B	Mx	.112	6
49	MP2B	X	94.122	66
50	MP2B	Z	163.024	66
51	MP2B	Mx	.112	66
52	MP2C	X	71.2	6
53	MP2C	Z	123.322	6
54	MP2C	Mx	.071	6
55	MP2C	X	71.2	66
56	MP2C	Z	123.322	66
57	MP2C	Mx	.071	66
58	MP2A	X	89.626	6
59	MP2A	Z	155.237	6
60	MP2A	Mx	-.161	6
61	MP2A	X	89.626	66
62	MP2A	Z	155.237	66
63	MP2A	Mx	-.161	66
64	MP2B	X	94.122	6
65	MP2B	Z	163.024	6
66	MP2B	Mx	-.161	6
67	MP2B	X	94.122	66
68	MP2B	Z	163.024	66
69	MP2B	Mx	-.161	66
70	MP2C	X	71.2	6
71	MP2C	Z	123.322	6
72	MP2C	Mx	.071	6
73	MP2C	X	71.2	66
74	MP2C	Z	123.322	66
75	MP2C	Mx	.071	66
76	MP2A	X	32.511	18
77	MP2A	Z	56.311	18
78	MP2A	Mx	.016	18

Member Point Loads (BLC 8 : Antenna Wo (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
79	MP2B	X	36.555	18
80	MP2B	Z	63.316	18
81	MP2B	Mx	.009	18
82	MP2C	X	15.939	18
83	MP2C	Z	27.607	18
84	MP2C	Mx	-.016	18

Member Point Loads (BLC 9 : Antenna Wo (180 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	0	24
2	MP4A	Z	91.208	24
3	MP4A	Mx	0	24
4	MP4A	X	0	48
5	MP4A	Z	91.208	48
6	MP4A	Mx	0	48
7	MP4B	X	0	24
8	MP4B	Z	63.458	24
9	MP4B	Mx	-.022	24
10	MP4B	X	0	48
11	MP4B	Z	63.458	48
12	MP4B	Mx	-.022	48
13	MP4C	X	0	24
14	MP4C	Z	49.583	24
15	MP4C	Mx	.021	24
16	MP4C	X	0	48
17	MP4C	Z	49.583	48
18	MP4C	Mx	.021	48
19	MP2A	X	0	36
20	MP2A	Z	72.578	36
21	MP2A	Mx	0	36
22	MP2B	X	0	36
23	MP2B	Z	60.546	36
24	MP2B	Mx	.021	36
25	MP2C	X	0	36
26	MP2C	Z	54.53	36
27	MP2C	Mx	-.024	36
28	MP3A	X	0	36
29	MP3A	Z	72.578	36
30	MP3A	Mx	0	36
31	MP3B	X	0	36
32	MP3B	Z	55.937	36
33	MP3B	Mx	.02	36
34	MP3C	X	0	36
35	MP3C	Z	47.617	36
36	MP3C	Mx	-.021	36
37	MP1A	X	0	30
38	MP1A	Z	157.576	30
39	MP1A	Mx	0	30
40	MP2A	X	0	6
41	MP2A	Z	191.536	6
42	MP2A	Mx	.144	6
43	MP2A	X	0	66
44	MP2A	Z	191.536	66
45	MP2A	Mx	.144	66
46	MP2B	X	0	6
47	MP2B	Z	166.968	6



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Member Point Loads (BLC 9 : Antenna Wo (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
48	MP2B	Mx	.03	6
49	MP2B	X	0	66
50	MP2B	Z	166.968	66
51	MP2B	Mx	.03	66
52	MP2C	X	0	6
53	MP2C	Z	154.684	6
54	MP2C	Mx	.009	6
55	MP2C	X	0	66
56	MP2C	Z	154.684	66
57	MP2C	Mx	.009	66
58	MP2A	X	0	6
59	MP2A	Z	191.536	6
60	MP2A	Mx	-.144	6
61	MP2A	X	0	66
62	MP2A	Z	191.536	66
63	MP2A	Mx	-.144	66
64	MP2B	X	0	6
65	MP2B	Z	166.968	6
66	MP2B	Mx	-.148	6
67	MP2B	X	0	66
68	MP2B	Z	166.968	66
69	MP2B	Mx	-.148	66
70	MP2C	X	0	6
71	MP2C	Z	154.684	6
72	MP2C	Mx	.125	6
73	MP2C	X	0	66
74	MP2C	Z	154.684	66
75	MP2C	Mx	.125	66
76	MP2A	X	0	18
77	MP2A	Z	76.071	18
78	MP2A	Mx	0	18
79	MP2B	X	0	18
80	MP2B	Z	53.974	18
81	MP2B	Mx	.019	18
82	MP2C	X	0	18
83	MP2C	Z	42.926	18
84	MP2C	Mx	-.019	18

Member Point Loads (BLC 10 : Antenna Wo (210 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-38.666	24
2	MP4A	Z	66.972	24
3	MP4A	Mx	.019	24
4	MP4A	X	-38.666	48
5	MP4A	Z	66.972	48
6	MP4A	Mx	.019	48
7	MP4B	X	-19.713	24
8	MP4B	Z	34.143	24
9	MP4B	Mx	-.019	24
10	MP4B	X	-19.713	48
11	MP4B	Z	34.143	48
12	MP4B	Mx	-.019	48
13	MP4C	X	-38.666	24
14	MP4C	Z	66.972	24
15	MP4C	Mx	.019	24
16	MP4C	X	-38.666	48



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Member Point Loads (BLC 10 : Antenna Wo (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
17	MP4C	Z	66.972	48
18	MP4C	Mx	.019	48
19	MP2A	X	-33.281	36
20	MP2A	Z	57.644	36
21	MP2A	Mx	-.017	36
22	MP2B	X	-25.063	36
23	MP2B	Z	43.411	36
24	MP2B	Mx	.024	36
25	MP2C	X	-33.281	36
26	MP2C	Z	57.644	36
27	MP2C	Mx	-.017	36
28	MP3A	X	-32.129	36
29	MP3A	Z	55.649	36
30	MP3A	Mx	-.016	36
31	MP3B	X	-20.763	36
32	MP3B	Z	35.963	36
33	MP3B	Mx	.02	36
34	MP3C	X	-32.129	36
35	MP3C	Z	55.649	36
36	MP3C	Mx	-.016	36
37	MP1A	X	-74.118	30
38	MP1A	Z	128.377	30
39	MP1A	Mx	-.037	30
40	MP2A	X	-89.626	6
41	MP2A	Z	155.237	6
42	MP2A	Mx	.161	6
43	MP2A	X	-89.626	66
44	MP2A	Z	155.237	66
45	MP2A	Mx	.161	66
46	MP2B	X	-72.845	6
47	MP2B	Z	126.172	6
48	MP2B	Mx	-.042	6
49	MP2B	X	-72.845	66
50	MP2B	Z	126.172	66
51	MP2B	Mx	-.042	66
52	MP2C	X	-89.626	6
53	MP2C	Z	155.237	6
54	MP2C	Mx	-.072	6
55	MP2C	X	-89.626	66
56	MP2C	Z	155.237	66
57	MP2C	Mx	-.072	66
58	MP2A	X	-89.626	6
59	MP2A	Z	155.237	6
60	MP2A	Mx	-.072	6
61	MP2A	X	-89.626	66
62	MP2A	Z	155.237	66
63	MP2A	Mx	-.072	66
64	MP2B	X	-72.845	6
65	MP2B	Z	126.172	6
66	MP2B	Mx	-.099	6
67	MP2B	X	-72.845	66
68	MP2B	Z	126.172	66
69	MP2B	Mx	-.099	66
70	MP2C	X	-89.626	6
71	MP2C	Z	155.237	6
72	MP2C	Mx	.161	6
73	MP2C	X	-89.626	66

Member Point Loads (BLC 10 : Antenna Wo (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
74	MP2C	Z	155.237	66
75	MP2C	Mx	.161	66
76	MP2A	X	-32.511	18
77	MP2A	Z	56.311	18
78	MP2A	Mx	-.016	18
79	MP2B	X	-17.419	18
80	MP2B	Z	30.17	18
81	MP2B	Mx	.017	18
82	MP2C	X	-32.511	18
83	MP2C	Z	56.311	18
84	MP2C	Mx	-.016	18

Member Point Loads (BLC 11 : Antenna Wo (240 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-42.94	24
2	MP4A	Z	24.791	24
3	MP4A	Mx	.021	24
4	MP4A	X	-42.94	48
5	MP4A	Z	24.791	48
6	MP4A	Mx	.021	48
7	MP4B	X	-34.143	24
8	MP4B	Z	19.713	24
9	MP4B	Mx	-.019	24
10	MP4B	X	-34.143	48
11	MP4B	Z	19.713	48
12	MP4B	Mx	-.019	48
13	MP4C	X	-78.988	24
14	MP4C	Z	45.604	24
15	MP4C	Mx	0	24
16	MP4C	X	-78.988	48
17	MP4C	Z	45.604	48
18	MP4C	Mx	0	48
19	MP2A	X	-47.225	36
20	MP2A	Z	27.265	36
21	MP2A	Mx	-.024	36
22	MP2B	X	-43.411	36
23	MP2B	Z	25.063	36
24	MP2B	Mx	.024	36
25	MP2C	X	-62.854	36
26	MP2C	Z	36.289	36
27	MP2C	Mx	0	36
28	MP3A	X	-41.238	36
29	MP3A	Z	23.809	36
30	MP3A	Mx	-.021	36
31	MP3B	X	-35.963	36
32	MP3B	Z	20.763	36
33	MP3B	Mx	.02	36
34	MP3C	X	-62.854	36
35	MP3C	Z	36.289	36
36	MP3C	Mx	0	36
37	MP1A	X	-112.201	30
38	MP1A	Z	64.779	30
39	MP1A	Mx	-.056	30
40	MP2A	X	-133.96	6
41	MP2A	Z	77.342	6
42	MP2A	Mx	.125	6



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Member Point Loads (BLC 11 : Antenna Wo (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
43	MP2A	X	-133.96	66
44	MP2A	Z	77.342	66
45	MP2A	Mx	.125	66
46	MP2B	X	-126.172	6
47	MP2B	Z	72.845	6
48	MP2B	Mx	-.099	6
49	MP2B	X	-126.172	66
50	MP2B	Z	72.845	66
51	MP2B	Mx	-.099	66
52	MP2C	X	-165.875	6
53	MP2C	Z	95.768	6
54	MP2C	Mx	-.144	6
55	MP2C	X	-165.875	66
56	MP2C	Z	95.768	66
57	MP2C	Mx	-.144	66
58	MP2A	X	-133.96	6
59	MP2A	Z	77.342	6
60	MP2A	Mx	.009	6
61	MP2A	X	-133.96	66
62	MP2A	Z	77.342	66
63	MP2A	Mx	.009	66
64	MP2B	X	-126.172	6
65	MP2B	Z	72.845	6
66	MP2B	Mx	-.042	6
67	MP2B	X	-126.172	66
68	MP2B	Z	72.845	66
69	MP2B	Mx	-.042	66
70	MP2C	X	-165.875	6
71	MP2C	Z	95.768	6
72	MP2C	Mx	.144	6
73	MP2C	X	-165.875	66
74	MP2C	Z	95.768	66
75	MP2C	Mx	.144	66
76	MP2A	X	-37.175	18
77	MP2A	Z	21.463	18
78	MP2A	Mx	-.019	18
79	MP2B	X	-30.17	18
80	MP2B	Z	17.419	18
81	MP2B	Mx	.017	18
82	MP2C	X	-65.879	18
83	MP2C	Z	38.035	18
84	MP2C	Mx	0	18

Member Point Loads (BLC 12 : Antenna Wo (270 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-35.708	24
2	MP4A	Z	0	24
3	MP4A	Mx	.018	24
4	MP4A	X	-35.708	48
5	MP4A	Z	0	48
6	MP4A	Mx	.018	48
7	MP4B	X	-63.458	24
8	MP4B	Z	0	24
9	MP4B	Mx	-.022	24
10	MP4B	X	-63.458	48
11	MP4B	Z	0	48

Member Point Loads (BLC 12 : Antenna Wo (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
12	MP4B	Mx	-.022	48
13	MP4C	X	-77.333	24
14	MP4C	Z	0	24
15	MP4C	Mx	-.019	24
16	MP4C	X	-77.333	48
17	MP4C	Z	0	48
18	MP4C	Mx	-.019	48
19	MP2A	X	-48.515	36
20	MP2A	Z	0	36
21	MP2A	Mx	-.024	36
22	MP2B	X	-60.546	36
23	MP2B	Z	0	36
24	MP2B	Mx	.021	36
25	MP2C	X	-66.562	36
26	MP2C	Z	0	36
27	MP2C	Mx	.017	36
28	MP3A	X	-39.297	36
29	MP3A	Z	0	36
30	MP3A	Mx	-.02	36
31	MP3B	X	-55.937	36
32	MP3B	Z	0	36
33	MP3B	Mx	.02	36
34	MP3C	X	-64.258	36
35	MP3C	Z	0	36
36	MP3C	Mx	.016	36
37	MP1A	X	-120.219	30
38	MP1A	Z	0	30
39	MP1A	Mx	-.06	30
40	MP2A	X	-142.399	6
41	MP2A	Z	0	6
42	MP2A	Mx	.071	6
43	MP2A	X	-142.399	66
44	MP2A	Z	0	66
45	MP2A	Mx	.071	66
46	MP2B	X	-166.968	6
47	MP2B	Z	0	6
48	MP2B	Mx	-.148	6
49	MP2B	X	-166.968	66
50	MP2B	Z	0	66
51	MP2B	Mx	-.148	66
52	MP2C	X	-179.252	6
53	MP2C	Z	0	6
54	MP2C	Mx	-.161	6
55	MP2C	X	-179.252	66
56	MP2C	Z	0	66
57	MP2C	Mx	-.161	66
58	MP2A	X	-142.399	6
59	MP2A	Z	0	6
60	MP2A	Mx	.071	6
61	MP2A	X	-142.399	66
62	MP2A	Z	0	66
63	MP2A	Mx	.071	66
64	MP2B	X	-166.968	6
65	MP2B	Z	0	6
66	MP2B	Mx	.03	6
67	MP2B	X	-166.968	66
68	MP2B	Z	0	66

Member Point Loads (BLC 12 : Antenna Wo (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
69	MP2B	Mx	.03	66
70	MP2C	X	-179.252	6
71	MP2C	Z	0	6
72	MP2C	Mx	.072	6
73	MP2C	X	-179.252	66
74	MP2C	Z	0	66
75	MP2C	Mx	.072	66
76	MP2A	X	-31.877	18
77	MP2A	Z	0	18
78	MP2A	Mx	-.016	18
79	MP2B	X	-53.974	18
80	MP2B	Z	0	18
81	MP2B	Mx	.019	18
82	MP2C	X	-65.023	18
83	MP2C	Z	0	18
84	MP2C	Mx	.016	18

Member Point Loads (BLC 13 : Antenna Wo (300 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-42.94	24
2	MP4A	Z	-24.791	24
3	MP4A	Mx	.021	24
4	MP4A	X	-42.94	48
5	MP4A	Z	-24.791	48
6	MP4A	Mx	.021	48
7	MP4B	X	-75.768	24
8	MP4B	Z	-43.745	24
9	MP4B	Mx	-.011	24
10	MP4B	X	-75.768	48
11	MP4B	Z	-43.745	48
12	MP4B	Mx	-.011	48
13	MP4C	X	-42.94	24
14	MP4C	Z	-24.791	24
15	MP4C	Mx	-.021	24
16	MP4C	X	-42.94	48
17	MP4C	Z	-24.791	48
18	MP4C	Mx	-.021	48
19	MP2A	X	-47.225	36
20	MP2A	Z	-27.265	36
21	MP2A	Mx	-.024	36
22	MP2B	X	-61.458	36
23	MP2B	Z	-35.483	36
24	MP2B	Mx	.009	36
25	MP2C	X	-47.225	36
26	MP2C	Z	-27.265	36
27	MP2C	Mx	.024	36
28	MP3A	X	-41.238	36
29	MP3A	Z	-23.809	36
30	MP3A	Mx	-.021	36
31	MP3B	X	-60.924	36
32	MP3B	Z	-35.174	36
33	MP3B	Mx	.009	36
34	MP3C	X	-41.238	36
35	MP3C	Z	-23.809	36
36	MP3C	Mx	.021	36
37	MP1A	X	-112.201	30

Member Point Loads (BLC 13 : Antenna Wo (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
38	MP1A	Z	-64.779	30
39	MP1A	Mx	-.056	30
40	MP2A	X	-133.96	6
41	MP2A	Z	-77.342	6
42	MP2A	Mx	.009	6
43	MP2A	X	-133.96	66
44	MP2A	Z	-77.342	66
45	MP2A	Mx	.009	66
46	MP2B	X	-163.024	6
47	MP2B	Z	-94.122	6
48	MP2B	Mx	-.161	6
49	MP2B	X	-163.024	66
50	MP2B	Z	-94.122	66
51	MP2B	Mx	-.161	66
52	MP2C	X	-133.96	6
53	MP2C	Z	-77.342	6
54	MP2C	Mx	-.125	6
55	MP2C	X	-133.96	66
56	MP2C	Z	-77.342	66
57	MP2C	Mx	-.125	66
58	MP2A	X	-133.96	6
59	MP2A	Z	-77.342	6
60	MP2A	Mx	.125	6
61	MP2A	X	-133.96	66
62	MP2A	Z	-77.342	66
63	MP2A	Mx	.125	66
64	MP2B	X	-163.024	6
65	MP2B	Z	-94.122	6
66	MP2B	Mx	.112	6
67	MP2B	X	-163.024	66
68	MP2B	Z	-94.122	66
69	MP2B	Mx	.112	66
70	MP2C	X	-133.96	6
71	MP2C	Z	-77.342	6
72	MP2C	Mx	-.009	6
73	MP2C	X	-133.96	66
74	MP2C	Z	-77.342	66
75	MP2C	Mx	-.009	66
76	MP2A	X	-37.175	18
77	MP2A	Z	-21.463	18
78	MP2A	Mx	-.019	18
79	MP2B	X	-63.316	18
80	MP2B	Z	-36.555	18
81	MP2B	Mx	.009	18
82	MP2C	X	-37.175	18
83	MP2C	Z	-21.463	18
84	MP2C	Mx	.019	18

Member Point Loads (BLC 14 : Antenna Wo (330 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-38.666	24
2	MP4A	Z	-66.972	24
3	MP4A	Mx	.019	24
4	MP4A	X	-38.666	48
5	MP4A	Z	-66.972	48
6	MP4A	Mx	.019	48



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Member Point Loads (BLC 14 : Antenna Wo (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
7	MP4B	X	-43.745	24
8	MP4B	Z	-75.768	24
9	MP4B	Mx	.011	24
10	MP4B	X	-43.745	48
11	MP4B	Z	-75.768	48
12	MP4B	Mx	.011	48
13	MP4C	X	-17.854	24
14	MP4C	Z	-30.924	24
15	MP4C	Mx	-.018	24
16	MP4C	X	-17.854	48
17	MP4C	Z	-30.924	48
18	MP4C	Mx	-.018	48
19	MP2A	X	-33.281	36
20	MP2A	Z	-57.644	36
21	MP2A	Mx	-.017	36
22	MP2B	X	-35.483	36
23	MP2B	Z	-61.458	36
24	MP2B	Mx	-.009	36
25	MP2C	X	-24.257	36
26	MP2C	Z	-42.015	36
27	MP2C	Mx	.024	36
28	MP3A	X	-32.129	36
29	MP3A	Z	-55.649	36
30	MP3A	Mx	-.016	36
31	MP3B	X	-35.174	36
32	MP3B	Z	-60.924	36
33	MP3B	Mx	-.009	36
34	MP3C	X	-19.648	36
35	MP3C	Z	-34.032	36
36	MP3C	Mx	.02	36
37	MP1A	X	-74.118	30
38	MP1A	Z	-128.377	30
39	MP1A	Mx	-.037	30
40	MP2A	X	-89.626	6
41	MP2A	Z	-155.237	6
42	MP2A	Mx	-.072	6
43	MP2A	X	-89.626	66
44	MP2A	Z	-155.237	66
45	MP2A	Mx	-.072	66
46	MP2B	X	-94.122	6
47	MP2B	Z	-163.024	6
48	MP2B	Mx	-.112	6
49	MP2B	X	-94.122	66
50	MP2B	Z	-163.024	66
51	MP2B	Mx	-.112	66
52	MP2C	X	-71.2	6
53	MP2C	Z	-123.322	6
54	MP2C	Mx	-.071	6
55	MP2C	X	-71.2	66
56	MP2C	Z	-123.322	66
57	MP2C	Mx	-.071	66
58	MP2A	X	-89.626	6
59	MP2A	Z	-155.237	6
60	MP2A	Mx	.161	6
61	MP2A	X	-89.626	66
62	MP2A	Z	-155.237	66
63	MP2A	Mx	.161	66



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Member Point Loads (BLC 14 : Antenna Wo (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
64	MP2B	X	-94.122	6
65	MP2B	Z	-163.024	6
66	MP2B	Mx	.161	6
67	MP2B	X	-94.122	66
68	MP2B	Z	-163.024	66
69	MP2B	Mx	.161	66
70	MP2C	X	-71.2	6
71	MP2C	Z	-123.322	6
72	MP2C	Mx	-.071	6
73	MP2C	X	-71.2	66
74	MP2C	Z	-123.322	66
75	MP2C	Mx	-.071	66
76	MP2A	X	-32.511	18
77	MP2A	Z	-56.311	18
78	MP2A	Mx	-.016	18
79	MP2B	X	-36.555	18
80	MP2B	Z	-63.316	18
81	MP2B	Mx	-.009	18
82	MP2C	X	-15.939	18
83	MP2C	Z	-27.607	18
84	MP2C	Mx	.016	18

Member Point Loads (BLC 15 : Antenna Wi (0 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	0	24
2	MP4A	Z	-20.667	24
3	MP4A	Mx	0	24
4	MP4A	X	0	48
5	MP4A	Z	-20.667	48
6	MP4A	Mx	0	48
7	MP4B	X	0	24
8	MP4B	Z	-14.926	24
9	MP4B	Mx	.005	24
10	MP4B	X	0	48
11	MP4B	Z	-14.926	48
12	MP4B	Mx	.005	48
13	MP4C	X	0	24
14	MP4C	Z	-12.055	24
15	MP4C	Mx	-.005	24
16	MP4C	X	0	48
17	MP4C	Z	-12.055	48
18	MP4C	Mx	-.005	48
19	MP2A	X	0	36
20	MP2A	Z	-17.91	36
21	MP2A	Mx	0	36
22	MP2B	X	0	36
23	MP2B	Z	-15.307	36
24	MP2B	Mx	-.005	36
25	MP2C	X	0	36
26	MP2C	Z	-14.006	36
27	MP2C	Mx	.006	36
28	MP3A	X	0	36
29	MP3A	Z	-17.91	36
30	MP3A	Mx	0	36
31	MP3B	X	0	36
32	MP3B	Z	-14.318	36

Member Point Loads (BLC 15 : Antenna Wi (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
33	MP3B	Mx	-.005	36
34	MP3C	X	0	36
35	MP3C	Z	-12.522	36
36	MP3C	Mx	.005	36
37	MP1A	X	0	30
38	MP1A	Z	-35.899	30
39	MP1A	Mx	0	30
40	MP2A	X	0	6
41	MP2A	Z	-41.236	6
42	MP2A	Mx	-.031	6
43	MP2A	X	0	66
44	MP2A	Z	-41.236	66
45	MP2A	Mx	-.031	66
46	MP2B	X	0	6
47	MP2B	Z	-36.362	6
48	MP2B	Mx	-.006	6
49	MP2B	X	0	66
50	MP2B	Z	-36.362	66
51	MP2B	Mx	-.006	66
52	MP2C	X	0	6
53	MP2C	Z	-33.925	6
54	MP2C	Mx	-.002	6
55	MP2C	X	0	66
56	MP2C	Z	-33.925	66
57	MP2C	Mx	-.002	66
58	MP2A	X	0	6
59	MP2A	Z	-41.236	6
60	MP2A	Mx	.031	6
61	MP2A	X	0	66
62	MP2A	Z	-41.236	66
63	MP2A	Mx	.031	66
64	MP2B	X	0	6
65	MP2B	Z	-36.362	6
66	MP2B	Mx	.032	6
67	MP2B	X	0	66
68	MP2B	Z	-36.362	66
69	MP2B	Mx	.032	66
70	MP2C	X	0	6
71	MP2C	Z	-33.925	6
72	MP2C	Mx	-.027	6
73	MP2C	X	0	66
74	MP2C	Z	-33.925	66
75	MP2C	Mx	-.027	66
76	MP2A	X	0	18
77	MP2A	Z	-18.54	18
78	MP2A	Mx	0	18
79	MP2B	X	0	18
80	MP2B	Z	-13.851	18
81	MP2B	Mx	-.005	18
82	MP2C	X	0	18
83	MP2C	Z	-11.507	18
84	MP2C	Mx	.005	18

Member Point Loads (BLC 16 : Antenna Wi (30 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	8.898	24



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Member Point Loads (BLC 16 : Antenna Wi (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
2	MP4A	Z	-15.412	24
3	MP4A	Mx	-.004	24
4	MP4A	X	8.898	48
5	MP4A	Z	-15.412	48
6	MP4A	Mx	-.004	48
7	MP4B	X	4.977	24
8	MP4B	Z	-8.62	24
9	MP4B	Mx	.005	24
10	MP4B	X	4.977	48
11	MP4B	Z	-8.62	48
12	MP4B	Mx	.005	48
13	MP4C	X	8.898	24
14	MP4C	Z	-15.412	24
15	MP4C	Mx	-.004	24
16	MP4C	X	8.898	48
17	MP4C	Z	-15.412	48
18	MP4C	Mx	-.004	48
19	MP2A	X	8.304	36
20	MP2A	Z	-14.383	36
21	MP2A	Mx	.004	36
22	MP2B	X	6.526	36
23	MP2B	Z	-11.304	36
24	MP2B	Mx	-.006	36
25	MP2C	X	8.304	36
26	MP2C	Z	-14.383	36
27	MP2C	Mx	.004	36
28	MP3A	X	8.057	36
29	MP3A	Z	-13.955	36
30	MP3A	Mx	.004	36
31	MP3B	X	5.604	36
32	MP3B	Z	-9.706	36
33	MP3B	Mx	-.005	36
34	MP3C	X	8.057	36
35	MP3C	Z	-13.955	36
36	MP3C	Mx	.004	36
37	MP1A	X	17.009	30
38	MP1A	Z	-29.461	30
39	MP1A	Mx	.009	30
40	MP2A	X	19.4	6
41	MP2A	Z	-33.601	6
42	MP2A	Mx	-.035	6
43	MP2A	X	19.4	66
44	MP2A	Z	-33.601	66
45	MP2A	Mx	-.035	66
46	MP2B	X	16.07	6
47	MP2B	Z	-27.835	6
48	MP2B	Mx	.009	6
49	MP2B	X	16.07	66
50	MP2B	Z	-27.835	66
51	MP2B	Mx	.009	66
52	MP2C	X	19.4	6
53	MP2C	Z	-33.601	6
54	MP2C	Mx	.016	6
55	MP2C	X	19.4	66
56	MP2C	Z	-33.601	66
57	MP2C	Mx	.016	66
58	MP2A	X	19.4	6

Member Point Loads (BLC 16 : Antenna Wi (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
59	MP2A	Z	-33.601	6
60	MP2A	Mx	.016	6
61	MP2A	X	19.4	66
62	MP2A	Z	-33.601	66
63	MP2A	Mx	.016	66
64	MP2B	X	16.07	6
65	MP2B	Z	-27.835	6
66	MP2B	Mx	.022	6
67	MP2B	X	16.07	66
68	MP2B	Z	-27.835	66
69	MP2B	Mx	.022	66
70	MP2C	X	19.4	6
71	MP2C	Z	-33.601	6
72	MP2C	Mx	-.035	6
73	MP2C	X	19.4	66
74	MP2C	Z	-33.601	66
75	MP2C	Mx	-.035	66
76	MP2A	X	8.098	18
77	MP2A	Z	-14.026	18
78	MP2A	Mx	.004	18
79	MP2B	X	4.895	18
80	MP2B	Z	-8.479	18
81	MP2B	Mx	-.005	18
82	MP2C	X	8.098	18
83	MP2C	Z	-14.026	18
84	MP2C	Mx	.004	18

Member Point Loads (BLC 17 : Antenna Wi (60 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	10.44	24
2	MP4A	Z	-6.028	24
3	MP4A	Mx	-.005	24
4	MP4A	X	10.44	48
5	MP4A	Z	-6.028	48
6	MP4A	Mx	-.005	48
7	MP4B	X	8.62	24
8	MP4B	Z	-4.977	24
9	MP4B	Mx	.005	24
10	MP4B	X	8.62	48
11	MP4B	Z	-4.977	48
12	MP4B	Mx	.005	48
13	MP4C	X	17.898	24
14	MP4C	Z	-10.334	24
15	MP4C	Mx	0	24
16	MP4C	X	17.898	48
17	MP4C	Z	-10.334	48
18	MP4C	Mx	0	48
19	MP2A	X	12.129	36
20	MP2A	Z	-7.003	36
21	MP2A	Mx	.006	36
22	MP2B	X	11.304	36
23	MP2B	Z	-6.526	36
24	MP2B	Mx	-.006	36
25	MP2C	X	15.511	36
26	MP2C	Z	-8.955	36
27	MP2C	Mx	0	36



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Member Point Loads (BLC 17 : Antenna Wi (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
28	MP3A	X	10.844	36
29	MP3A	Z	-6.261	36
30	MP3A	Mx	.005	36
31	MP3B	X	9.706	36
32	MP3B	Z	-5.604	36
33	MP3B	Mx	-.005	36
34	MP3C	X	15.511	36
35	MP3C	Z	-8.955	36
36	MP3C	Mx	0	36
37	MP1A	X	26.206	30
38	MP1A	Z	-15.13	30
39	MP1A	Mx	.013	30
40	MP2A	X	29.38	6
41	MP2A	Z	-16.962	6
42	MP2A	Mx	-.027	6
43	MP2A	X	29.38	66
44	MP2A	Z	-16.962	66
45	MP2A	Mx	-.027	66
46	MP2B	X	27.835	6
47	MP2B	Z	-16.07	6
48	MP2B	Mx	.022	6
49	MP2B	X	27.835	66
50	MP2B	Z	-16.07	66
51	MP2B	Mx	.022	66
52	MP2C	X	35.712	6
53	MP2C	Z	-20.618	6
54	MP2C	Mx	.031	6
55	MP2C	X	35.712	66
56	MP2C	Z	-20.618	66
57	MP2C	Mx	.031	66
58	MP2A	X	29.38	6
59	MP2A	Z	-16.962	6
60	MP2A	Mx	-.002	6
61	MP2A	X	29.38	66
62	MP2A	Z	-16.962	66
63	MP2A	Mx	-.002	66
64	MP2B	X	27.835	6
65	MP2B	Z	-16.07	6
66	MP2B	Mx	.009	6
67	MP2B	X	27.835	66
68	MP2B	Z	-16.07	66
69	MP2B	Mx	.009	66
70	MP2C	X	35.712	6
71	MP2C	Z	-20.618	6
72	MP2C	Mx	-.031	6
73	MP2C	X	35.712	66
74	MP2C	Z	-20.618	66
75	MP2C	Mx	-.031	66
76	MP2A	X	9.965	18
77	MP2A	Z	-5.753	18
78	MP2A	Mx	.005	18
79	MP2B	X	8.479	18
80	MP2B	Z	-4.895	18
81	MP2B	Mx	-.005	18
82	MP2C	X	16.056	18
83	MP2C	Z	-9.27	18
84	MP2C	Mx	0	18



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Member Point Loads (BLC 18 : Antenna Wi (90 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	9.185	24
2	MP4A	Z	0	24
3	MP4A	Mx	-.005	24
4	MP4A	X	9.185	48
5	MP4A	Z	0	48
6	MP4A	Mx	-.005	48
7	MP4B	X	14.926	24
8	MP4B	Z	0	24
9	MP4B	Mx	.005	24
10	MP4B	X	14.926	48
11	MP4B	Z	0	48
12	MP4B	Mx	.005	48
13	MP4C	X	17.797	24
14	MP4C	Z	0	24
15	MP4C	Mx	.004	24
16	MP4C	X	17.797	48
17	MP4C	Z	0	48
18	MP4C	Mx	.004	48
19	MP2A	X	12.704	36
20	MP2A	Z	0	36
21	MP2A	Mx	.006	36
22	MP2B	X	15.307	36
23	MP2B	Z	0	36
24	MP2B	Mx	-.005	36
25	MP2C	X	16.609	36
26	MP2C	Z	0	36
27	MP2C	Mx	-.004	36
28	MP3A	X	10.726	36
29	MP3A	Z	0	36
30	MP3A	Mx	.005	36
31	MP3B	X	14.318	36
32	MP3B	Z	0	36
33	MP3B	Mx	-.005	36
34	MP3C	X	16.114	36
35	MP3C	Z	0	36
36	MP3C	Mx	-.004	36
37	MP1A	X	28.38	30
38	MP1A	Z	0	30
39	MP1A	Mx	.014	30
40	MP2A	X	31.488	6
41	MP2A	Z	0	6
42	MP2A	Mx	-.016	6
43	MP2A	X	31.488	66
44	MP2A	Z	0	66
45	MP2A	Mx	-.016	66
46	MP2B	X	36.362	6
47	MP2B	Z	0	6
48	MP2B	Mx	.032	6
49	MP2B	X	36.362	66
50	MP2B	Z	0	66
51	MP2B	Mx	.032	66
52	MP2C	X	38.799	6
53	MP2C	Z	0	6
54	MP2C	Mx	.035	6
55	MP2C	X	38.799	66
56	MP2C	Z	0	66
57	MP2C	Mx	.035	66



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Member Point Loads (BLC 18 : Antenna Wi (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
58	MP2A	X	31.488	6
59	MP2A	Z	0	6
60	MP2A	Mx	-.016	6
61	MP2A	X	31.488	66
62	MP2A	Z	0	66
63	MP2A	Mx	-.016	66
64	MP2B	X	36.362	6
65	MP2B	Z	0	6
66	MP2B	Mx	-.006	6
67	MP2B	X	36.362	66
68	MP2B	Z	0	66
69	MP2B	Mx	-.006	66
70	MP2C	X	38.799	6
71	MP2C	Z	0	6
72	MP2C	Mx	-.016	6
73	MP2C	X	38.799	66
74	MP2C	Z	0	66
75	MP2C	Mx	-.016	66
76	MP2A	X	9.162	18
77	MP2A	Z	0	18
78	MP2A	Mx	.005	18
79	MP2B	X	13.851	18
80	MP2B	Z	0	18
81	MP2B	Mx	-.005	18
82	MP2C	X	16.195	18
83	MP2C	Z	0	18
84	MP2C	Mx	-.004	18

Member Point Loads (BLC 19 : Antenna Wi (120 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	10.44	24
2	MP4A	Z	6.028	24
3	MP4A	Mx	-.005	24
4	MP4A	X	10.44	48
5	MP4A	Z	6.028	48
6	MP4A	Mx	-.005	48
7	MP4B	X	17.232	24
8	MP4B	Z	9.949	24
9	MP4B	Mx	.003	24
10	MP4B	X	17.232	48
11	MP4B	Z	9.949	48
12	MP4B	Mx	.003	48
13	MP4C	X	10.44	24
14	MP4C	Z	6.028	24
15	MP4C	Mx	.005	24
16	MP4C	X	10.44	48
17	MP4C	Z	6.028	48
18	MP4C	Mx	.005	48
19	MP2A	X	12.129	36
20	MP2A	Z	7.003	36
21	MP2A	Mx	.006	36
22	MP2B	X	15.209	36
23	MP2B	Z	8.781	36
24	MP2B	Mx	-.002	36
25	MP2C	X	12.129	36
26	MP2C	Z	7.003	36

Member Point Loads (BLC 19 : Antenna Wi (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
27	MP2C	Mx	-.006	36
28	MP3A	X	10.844	36
29	MP3A	Z	6.261	36
30	MP3A	Mx	.005	36
31	MP3B	X	15.094	36
32	MP3B	Z	8.714	36
33	MP3B	Mx	-.002	36
34	MP3C	X	10.844	36
35	MP3C	Z	6.261	36
36	MP3C	Mx	-.005	36
37	MP1A	X	26.206	30
38	MP1A	Z	15.13	30
39	MP1A	Mx	.013	30
40	MP2A	X	29.38	6
41	MP2A	Z	16.962	6
42	MP2A	Mx	-.002	6
43	MP2A	X	29.38	66
44	MP2A	Z	16.962	66
45	MP2A	Mx	-.002	66
46	MP2B	X	35.146	6
47	MP2B	Z	20.292	6
48	MP2B	Mx	.035	6
49	MP2B	X	35.146	66
50	MP2B	Z	20.292	66
51	MP2B	Mx	.035	66
52	MP2C	X	29.38	6
53	MP2C	Z	16.962	6
54	MP2C	Mx	.027	6
55	MP2C	X	29.38	66
56	MP2C	Z	16.962	66
57	MP2C	Mx	.027	66
58	MP2A	X	29.38	6
59	MP2A	Z	16.962	6
60	MP2A	Mx	-.027	6
61	MP2A	X	29.38	66
62	MP2A	Z	16.962	66
63	MP2A	Mx	-.027	66
64	MP2B	X	35.146	6
65	MP2B	Z	20.292	6
66	MP2B	Mx	-.024	6
67	MP2B	X	35.146	66
68	MP2B	Z	20.292	66
69	MP2B	Mx	-.024	66
70	MP2C	X	29.38	6
71	MP2C	Z	16.962	6
72	MP2C	Mx	.002	6
73	MP2C	X	29.38	66
74	MP2C	Z	16.962	66
75	MP2C	Mx	.002	66
76	MP2A	X	9.965	18
77	MP2A	Z	5.753	18
78	MP2A	Mx	.005	18
79	MP2B	X	15.512	18
80	MP2B	Z	8.956	18
81	MP2B	Mx	-.002	18
82	MP2C	X	9.965	18
83	MP2C	Z	5.753	18



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Member Point Loads (BLC 19 : Antenna Wi (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
84	MP2C	Mx	-.005	18

Member Point Loads (BLC 20 : Antenna Wi (150 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	8.898	24
2	MP4A	Z	15.412	24
3	MP4A	Mx	-.004	24
4	MP4A	X	8.898	48
5	MP4A	Z	15.412	48
6	MP4A	Mx	-.004	48
7	MP4B	X	9.949	24
8	MP4B	Z	17.232	24
9	MP4B	Mx	-.003	24
10	MP4B	X	9.949	48
11	MP4B	Z	17.232	48
12	MP4B	Mx	-.003	48
13	MP4C	X	4.592	24
14	MP4C	Z	7.954	24
15	MP4C	Mx	.005	24
16	MP4C	X	4.592	48
17	MP4C	Z	7.954	48
18	MP4C	Mx	.005	48
19	MP2A	X	8.304	36
20	MP2A	Z	14.383	36
21	MP2A	Mx	.004	36
22	MP2B	X	8.781	36
23	MP2B	Z	15.209	36
24	MP2B	Mx	.002	36
25	MP2C	X	6.352	36
26	MP2C	Z	11.002	36
27	MP2C	Mx	-.006	36
28	MP3A	X	8.057	36
29	MP3A	Z	13.955	36
30	MP3A	Mx	.004	36
31	MP3B	X	8.714	36
32	MP3B	Z	15.094	36
33	MP3B	Mx	.002	36
34	MP3C	X	5.363	36
35	MP3C	Z	9.289	36
36	MP3C	Mx	-.005	36
37	MP1A	X	17.009	30
38	MP1A	Z	29.461	30
39	MP1A	Mx	.009	30
40	MP2A	X	19.4	6
41	MP2A	Z	33.601	6
42	MP2A	Mx	.016	6
43	MP2A	X	19.4	66
44	MP2A	Z	33.601	66
45	MP2A	Mx	.016	66
46	MP2B	X	20.292	6
47	MP2B	Z	35.146	6
48	MP2B	Mx	.024	6
49	MP2B	X	20.292	66
50	MP2B	Z	35.146	66
51	MP2B	Mx	.024	66
52	MP2C	X	15.744	6

Member Point Loads (BLC 20 : Antenna Wi (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
53	MP2C	Z	27.269	6
54	MP2C	Mx	.016	6
55	MP2C	X	15.744	66
56	MP2C	Z	27.269	66
57	MP2C	Mx	.016	66
58	MP2A	X	19.4	6
59	MP2A	Z	33.601	6
60	MP2A	Mx	-.035	6
61	MP2A	X	19.4	66
62	MP2A	Z	33.601	66
63	MP2A	Mx	-.035	66
64	MP2B	X	20.292	6
65	MP2B	Z	35.146	6
66	MP2B	Mx	-.035	6
67	MP2B	X	20.292	66
68	MP2B	Z	35.146	66
69	MP2B	Mx	-.035	66
70	MP2C	X	15.744	6
71	MP2C	Z	27.269	6
72	MP2C	Mx	.016	6
73	MP2C	X	15.744	66
74	MP2C	Z	27.269	66
75	MP2C	Mx	.016	66
76	MP2A	X	8.098	18
77	MP2A	Z	14.026	18
78	MP2A	Mx	.004	18
79	MP2B	X	8.956	18
80	MP2B	Z	15.512	18
81	MP2B	Mx	.002	18
82	MP2C	X	4.581	18
83	MP2C	Z	7.935	18
84	MP2C	Mx	-.005	18

Member Point Loads (BLC 21 : Antenna Wi (180 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	0	24
2	MP4A	Z	20.667	24
3	MP4A	Mx	0	24
4	MP4A	X	0	48
5	MP4A	Z	20.667	48
6	MP4A	Mx	0	48
7	MP4B	X	0	24
8	MP4B	Z	14.926	24
9	MP4B	Mx	-.005	24
10	MP4B	X	0	48
11	MP4B	Z	14.926	48
12	MP4B	Mx	-.005	48
13	MP4C	X	0	24
14	MP4C	Z	12.055	24
15	MP4C	Mx	.005	24
16	MP4C	X	0	48
17	MP4C	Z	12.055	48
18	MP4C	Mx	.005	48
19	MP2A	X	0	36
20	MP2A	Z	17.91	36
21	MP2A	Mx	0	36

Member Point Loads (BLC 21 : Antenna Wi (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
22	MP2B	X	0	36
23	MP2B	Z	15.307	36
24	MP2B	Mx	.005	36
25	MP2C	X	0	36
26	MP2C	Z	14.006	36
27	MP2C	Mx	-.006	36
28	MP3A	X	0	36
29	MP3A	Z	17.91	36
30	MP3A	Mx	0	36
31	MP3B	X	0	36
32	MP3B	Z	14.318	36
33	MP3B	Mx	.005	36
34	MP3C	X	0	36
35	MP3C	Z	12.522	36
36	MP3C	Mx	-.005	36
37	MP1A	X	0	30
38	MP1A	Z	35.899	30
39	MP1A	Mx	0	30
40	MP2A	X	0	6
41	MP2A	Z	41.236	6
42	MP2A	Mx	.031	6
43	MP2A	X	0	66
44	MP2A	Z	41.236	66
45	MP2A	Mx	.031	66
46	MP2B	X	0	6
47	MP2B	Z	36.362	6
48	MP2B	Mx	.006	6
49	MP2B	X	0	66
50	MP2B	Z	36.362	66
51	MP2B	Mx	.006	66
52	MP2C	X	0	6
53	MP2C	Z	33.925	6
54	MP2C	Mx	.002	6
55	MP2C	X	0	66
56	MP2C	Z	33.925	66
57	MP2C	Mx	.002	66
58	MP2A	X	0	6
59	MP2A	Z	41.236	6
60	MP2A	Mx	-.031	6
61	MP2A	X	0	66
62	MP2A	Z	41.236	66
63	MP2A	Mx	-.031	66
64	MP2B	X	0	6
65	MP2B	Z	36.362	6
66	MP2B	Mx	-.032	6
67	MP2B	X	0	66
68	MP2B	Z	36.362	66
69	MP2B	Mx	-.032	66
70	MP2C	X	0	6
71	MP2C	Z	33.925	6
72	MP2C	Mx	.027	6
73	MP2C	X	0	66
74	MP2C	Z	33.925	66
75	MP2C	Mx	.027	66
76	MP2A	X	0	18
77	MP2A	Z	18.54	18
78	MP2A	Mx	0	18

Member Point Loads (BLC 21 : Antenna Wi (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
79	MP2B	X	0	18
80	MP2B	Z	13.851	18
81	MP2B	Mx	.005	18
82	MP2C	X	0	18
83	MP2C	Z	11.507	18
84	MP2C	Mx	-.005	18

Member Point Loads (BLC 22 : Antenna Wi (210 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-8.898	24
2	MP4A	Z	15.412	24
3	MP4A	Mx	.004	24
4	MP4A	X	-8.898	48
5	MP4A	Z	15.412	48
6	MP4A	Mx	.004	48
7	MP4B	X	-4.977	24
8	MP4B	Z	8.62	24
9	MP4B	Mx	-.005	24
10	MP4B	X	-4.977	48
11	MP4B	Z	8.62	48
12	MP4B	Mx	-.005	48
13	MP4C	X	-8.898	24
14	MP4C	Z	15.412	24
15	MP4C	Mx	.004	24
16	MP4C	X	-8.898	48
17	MP4C	Z	15.412	48
18	MP4C	Mx	.004	48
19	MP2A	X	-8.304	36
20	MP2A	Z	14.383	36
21	MP2A	Mx	-.004	36
22	MP2B	X	-6.526	36
23	MP2B	Z	11.304	36
24	MP2B	Mx	.006	36
25	MP2C	X	-8.304	36
26	MP2C	Z	14.383	36
27	MP2C	Mx	-.004	36
28	MP3A	X	-8.057	36
29	MP3A	Z	13.955	36
30	MP3A	Mx	-.004	36
31	MP3B	X	-5.604	36
32	MP3B	Z	9.706	36
33	MP3B	Mx	.005	36
34	MP3C	X	-8.057	36
35	MP3C	Z	13.955	36
36	MP3C	Mx	-.004	36
37	MP1A	X	-17.009	30
38	MP1A	Z	29.461	30
39	MP1A	Mx	-.009	30
40	MP2A	X	-19.4	6
41	MP2A	Z	33.601	6
42	MP2A	Mx	.035	6
43	MP2A	X	-19.4	66
44	MP2A	Z	33.601	66
45	MP2A	Mx	.035	66
46	MP2B	X	-16.07	6
47	MP2B	Z	27.835	6

Member Point Loads (BLC 22 : Antenna Wi (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
48	MP2B	Mx	-0.009	6
49	MP2B	X	-16.07	66
50	MP2B	Z	27.835	66
51	MP2B	Mx	-0.009	66
52	MP2C	X	-19.4	6
53	MP2C	Z	33.601	6
54	MP2C	Mx	-0.16	6
55	MP2C	X	-19.4	66
56	MP2C	Z	33.601	66
57	MP2C	Mx	-0.16	66
58	MP2A	X	-19.4	6
59	MP2A	Z	33.601	6
60	MP2A	Mx	-0.16	6
61	MP2A	X	-19.4	66
62	MP2A	Z	33.601	66
63	MP2A	Mx	-0.16	66
64	MP2B	X	-16.07	6
65	MP2B	Z	27.835	6
66	MP2B	Mx	-0.22	6
67	MP2B	X	-16.07	66
68	MP2B	Z	27.835	66
69	MP2B	Mx	-0.22	66
70	MP2C	X	-19.4	6
71	MP2C	Z	33.601	6
72	MP2C	Mx	.035	6
73	MP2C	X	-19.4	66
74	MP2C	Z	33.601	66
75	MP2C	Mx	.035	66
76	MP2A	X	-8.098	18
77	MP2A	Z	14.026	18
78	MP2A	Mx	-0.04	18
79	MP2B	X	-4.895	18
80	MP2B	Z	8.479	18
81	MP2B	Mx	.005	18
82	MP2C	X	-8.098	18
83	MP2C	Z	14.026	18
84	MP2C	Mx	-0.04	18

Member Point Loads (BLC 23 : Antenna Wi (240 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-10.44	24
2	MP4A	Z	6.028	24
3	MP4A	Mx	.005	24
4	MP4A	X	-10.44	48
5	MP4A	Z	6.028	48
6	MP4A	Mx	.005	48
7	MP4B	X	-8.62	24
8	MP4B	Z	4.977	24
9	MP4B	Mx	-0.005	24
10	MP4B	X	-8.62	48
11	MP4B	Z	4.977	48
12	MP4B	Mx	-0.005	48
13	MP4C	X	-17.898	24
14	MP4C	Z	10.334	24
15	MP4C	Mx	0	24
16	MP4C	X	-17.898	48

Member Point Loads (BLC 23 : Antenna Wi (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
17	MP4C	Z	10.334	48
18	MP4C	Mx	0	48
19	MP2A	X	-12.129	36
20	MP2A	Z	7.003	36
21	MP2A	Mx	-.006	36
22	MP2B	X	-11.304	36
23	MP2B	Z	6.526	36
24	MP2B	Mx	.006	36
25	MP2C	X	-15.511	36
26	MP2C	Z	8.955	36
27	MP2C	Mx	0	36
28	MP3A	X	-10.844	36
29	MP3A	Z	6.261	36
30	MP3A	Mx	-.005	36
31	MP3B	X	-9.706	36
32	MP3B	Z	5.604	36
33	MP3B	Mx	.005	36
34	MP3C	X	-15.511	36
35	MP3C	Z	8.955	36
36	MP3C	Mx	0	36
37	MP1A	X	-26.206	30
38	MP1A	Z	15.13	30
39	MP1A	Mx	-.013	30
40	MP2A	X	-29.38	6
41	MP2A	Z	16.962	6
42	MP2A	Mx	.027	6
43	MP2A	X	-29.38	66
44	MP2A	Z	16.962	66
45	MP2A	Mx	.027	66
46	MP2B	X	-27.835	6
47	MP2B	Z	16.07	6
48	MP2B	Mx	-.022	6
49	MP2B	X	-27.835	66
50	MP2B	Z	16.07	66
51	MP2B	Mx	-.022	66
52	MP2C	X	-35.712	6
53	MP2C	Z	20.618	6
54	MP2C	Mx	-.031	6
55	MP2C	X	-35.712	66
56	MP2C	Z	20.618	66
57	MP2C	Mx	-.031	66
58	MP2A	X	-29.38	6
59	MP2A	Z	16.962	6
60	MP2A	Mx	.002	6
61	MP2A	X	-29.38	66
62	MP2A	Z	16.962	66
63	MP2A	Mx	.002	66
64	MP2B	X	-27.835	6
65	MP2B	Z	16.07	6
66	MP2B	Mx	-.009	6
67	MP2B	X	-27.835	66
68	MP2B	Z	16.07	66
69	MP2B	Mx	-.009	66
70	MP2C	X	-35.712	6
71	MP2C	Z	20.618	6
72	MP2C	Mx	.031	6
73	MP2C	X	-35.712	66

Member Point Loads (BLC 23 : Antenna Wi (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
74	MP2C	Z	20.618	66
75	MP2C	Mx	.031	66
76	MP2A	X	-9.965	18
77	MP2A	Z	5.753	18
78	MP2A	Mx	-.005	18
79	MP2B	X	-8.479	18
80	MP2B	Z	4.895	18
81	MP2B	Mx	.005	18
82	MP2C	X	-16.056	18
83	MP2C	Z	9.27	18
84	MP2C	Mx	0	18

Member Point Loads (BLC 24 : Antenna Wi (270 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-9.185	24
2	MP4A	Z	0	24
3	MP4A	Mx	.005	24
4	MP4A	X	-9.185	48
5	MP4A	Z	0	48
6	MP4A	Mx	.005	48
7	MP4B	X	-14.926	24
8	MP4B	Z	0	24
9	MP4B	Mx	-.005	24
10	MP4B	X	-14.926	48
11	MP4B	Z	0	48
12	MP4B	Mx	-.005	48
13	MP4C	X	-17.797	24
14	MP4C	Z	0	24
15	MP4C	Mx	-.004	24
16	MP4C	X	-17.797	48
17	MP4C	Z	0	48
18	MP4C	Mx	-.004	48
19	MP2A	X	-12.704	36
20	MP2A	Z	0	36
21	MP2A	Mx	-.006	36
22	MP2B	X	-15.307	36
23	MP2B	Z	0	36
24	MP2B	Mx	.005	36
25	MP2C	X	-16.609	36
26	MP2C	Z	0	36
27	MP2C	Mx	.004	36
28	MP3A	X	-10.726	36
29	MP3A	Z	0	36
30	MP3A	Mx	-.005	36
31	MP3B	X	-14.318	36
32	MP3B	Z	0	36
33	MP3B	Mx	.005	36
34	MP3C	X	-16.114	36
35	MP3C	Z	0	36
36	MP3C	Mx	.004	36
37	MP1A	X	-28.38	30
38	MP1A	Z	0	30
39	MP1A	Mx	-.014	30
40	MP2A	X	-31.488	6
41	MP2A	Z	0	6
42	MP2A	Mx	.016	6

Member Point Loads (BLC 24 : Antenna Wi (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
43	MP2A	X	-31.488	66
44	MP2A	Z	0	66
45	MP2A	Mx	.016	66
46	MP2B	X	-36.362	6
47	MP2B	Z	0	6
48	MP2B	Mx	-.032	6
49	MP2B	X	-36.362	66
50	MP2B	Z	0	66
51	MP2B	Mx	-.032	66
52	MP2C	X	-38.799	6
53	MP2C	Z	0	6
54	MP2C	Mx	-.035	6
55	MP2C	X	-38.799	66
56	MP2C	Z	0	66
57	MP2C	Mx	-.035	66
58	MP2A	X	-31.488	6
59	MP2A	Z	0	6
60	MP2A	Mx	.016	6
61	MP2A	X	-31.488	66
62	MP2A	Z	0	66
63	MP2A	Mx	.016	66
64	MP2B	X	-36.362	6
65	MP2B	Z	0	6
66	MP2B	Mx	.006	6
67	MP2B	X	-36.362	66
68	MP2B	Z	0	66
69	MP2B	Mx	.006	66
70	MP2C	X	-38.799	6
71	MP2C	Z	0	6
72	MP2C	Mx	.016	6
73	MP2C	X	-38.799	66
74	MP2C	Z	0	66
75	MP2C	Mx	.016	66
76	MP2A	X	-9.162	18
77	MP2A	Z	0	18
78	MP2A	Mx	-.005	18
79	MP2B	X	-13.851	18
80	MP2B	Z	0	18
81	MP2B	Mx	.005	18
82	MP2C	X	-16.195	18
83	MP2C	Z	0	18
84	MP2C	Mx	.004	18

Member Point Loads (BLC 25 : Antenna Wi (300 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-10.44	24
2	MP4A	Z	-6.028	24
3	MP4A	Mx	.005	24
4	MP4A	X	-10.44	48
5	MP4A	Z	-6.028	48
6	MP4A	Mx	.005	48
7	MP4B	X	-17.232	24
8	MP4B	Z	-9.949	24
9	MP4B	Mx	-.003	24
10	MP4B	X	-17.232	48
11	MP4B	Z	-9.949	48



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Member Point Loads (BLC 25 : Antenna Wi (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
12	MP4B	Mx	-.003	48
13	MP4C	X	-10.44	24
14	MP4C	Z	-6.028	24
15	MP4C	Mx	-.005	24
16	MP4C	X	-10.44	48
17	MP4C	Z	-6.028	48
18	MP4C	Mx	-.005	48
19	MP2A	X	-12.129	36
20	MP2A	Z	-7.003	36
21	MP2A	Mx	-.006	36
22	MP2B	X	-15.209	36
23	MP2B	Z	-8.781	36
24	MP2B	Mx	.002	36
25	MP2C	X	-12.129	36
26	MP2C	Z	-7.003	36
27	MP2C	Mx	.006	36
28	MP3A	X	-10.844	36
29	MP3A	Z	-6.261	36
30	MP3A	Mx	-.005	36
31	MP3B	X	-15.094	36
32	MP3B	Z	-8.714	36
33	MP3B	Mx	.002	36
34	MP3C	X	-10.844	36
35	MP3C	Z	-6.261	36
36	MP3C	Mx	.005	36
37	MP1A	X	-26.206	30
38	MP1A	Z	-15.13	30
39	MP1A	Mx	-.013	30
40	MP2A	X	-29.38	6
41	MP2A	Z	-16.962	6
42	MP2A	Mx	.002	6
43	MP2A	X	-29.38	66
44	MP2A	Z	-16.962	66
45	MP2A	Mx	.002	66
46	MP2B	X	-35.146	6
47	MP2B	Z	-20.292	6
48	MP2B	Mx	-.035	6
49	MP2B	X	-35.146	66
50	MP2B	Z	-20.292	66
51	MP2B	Mx	-.035	66
52	MP2C	X	-29.38	6
53	MP2C	Z	-16.962	6
54	MP2C	Mx	-.027	6
55	MP2C	X	-29.38	66
56	MP2C	Z	-16.962	66
57	MP2C	Mx	-.027	66
58	MP2A	X	-29.38	6
59	MP2A	Z	-16.962	6
60	MP2A	Mx	.027	6
61	MP2A	X	-29.38	66
62	MP2A	Z	-16.962	66
63	MP2A	Mx	.027	66
64	MP2B	X	-35.146	6
65	MP2B	Z	-20.292	6
66	MP2B	Mx	.024	6
67	MP2B	X	-35.146	66
68	MP2B	Z	-20.292	66

Member Point Loads (BLC 25 : Antenna Wi (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
69	MP2B	Mx	.024	66
70	MP2C	X	-29.38	6
71	MP2C	Z	-16.962	6
72	MP2C	Mx	-.002	6
73	MP2C	X	-29.38	66
74	MP2C	Z	-16.962	66
75	MP2C	Mx	-.002	66
76	MP2A	X	-9.965	18
77	MP2A	Z	-5.753	18
78	MP2A	Mx	-.005	18
79	MP2B	X	-15.512	18
80	MP2B	Z	-8.956	18
81	MP2B	Mx	.002	18
82	MP2C	X	-9.965	18
83	MP2C	Z	-5.753	18
84	MP2C	Mx	.005	18

Member Point Loads (BLC 26 : Antenna Wi (330 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-8.898	24
2	MP4A	Z	-15.412	24
3	MP4A	Mx	.004	24
4	MP4A	X	-8.898	48
5	MP4A	Z	-15.412	48
6	MP4A	Mx	.004	48
7	MP4B	X	-9.949	24
8	MP4B	Z	-17.232	24
9	MP4B	Mx	.003	24
10	MP4B	X	-9.949	48
11	MP4B	Z	-17.232	48
12	MP4B	Mx	.003	48
13	MP4C	X	-4.592	24
14	MP4C	Z	-7.954	24
15	MP4C	Mx	-.005	24
16	MP4C	X	-4.592	48
17	MP4C	Z	-7.954	48
18	MP4C	Mx	-.005	48
19	MP2A	X	-8.304	36
20	MP2A	Z	-14.383	36
21	MP2A	Mx	-.004	36
22	MP2B	X	-8.781	36
23	MP2B	Z	-15.209	36
24	MP2B	Mx	-.002	36
25	MP2C	X	-6.352	36
26	MP2C	Z	-11.002	36
27	MP2C	Mx	.006	36
28	MP3A	X	-8.057	36
29	MP3A	Z	-13.955	36
30	MP3A	Mx	-.004	36
31	MP3B	X	-8.714	36
32	MP3B	Z	-15.094	36
33	MP3B	Mx	-.002	36
34	MP3C	X	-5.363	36
35	MP3C	Z	-9.289	36
36	MP3C	Mx	.005	36
37	MP1A	X	-17.009	30



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Member Point Loads (BLC 26 : Antenna Wi (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
38	MP1A	Z	-29.461	30
39	MP1A	Mx	-0.009	30
40	MP2A	X	-19.4	6
41	MP2A	Z	-33.601	6
42	MP2A	Mx	-0.16	6
43	MP2A	X	-19.4	66
44	MP2A	Z	-33.601	66
45	MP2A	Mx	-0.16	66
46	MP2B	X	-20.292	6
47	MP2B	Z	-35.146	6
48	MP2B	Mx	-0.24	6
49	MP2B	X	-20.292	66
50	MP2B	Z	-35.146	66
51	MP2B	Mx	-0.24	66
52	MP2C	X	-15.744	6
53	MP2C	Z	-27.269	6
54	MP2C	Mx	-0.16	6
55	MP2C	X	-15.744	66
56	MP2C	Z	-27.269	66
57	MP2C	Mx	-0.16	66
58	MP2A	X	-19.4	6
59	MP2A	Z	-33.601	6
60	MP2A	Mx	.035	6
61	MP2A	X	-19.4	66
62	MP2A	Z	-33.601	66
63	MP2A	Mx	.035	66
64	MP2B	X	-20.292	6
65	MP2B	Z	-35.146	6
66	MP2B	Mx	.035	6
67	MP2B	X	-20.292	66
68	MP2B	Z	-35.146	66
69	MP2B	Mx	.035	66
70	MP2C	X	-15.744	6
71	MP2C	Z	-27.269	6
72	MP2C	Mx	-0.16	6
73	MP2C	X	-15.744	66
74	MP2C	Z	-27.269	66
75	MP2C	Mx	-0.16	66
76	MP2A	X	-8.098	18
77	MP2A	Z	-14.026	18
78	MP2A	Mx	-0.04	18
79	MP2B	X	-8.956	18
80	MP2B	Z	-15.512	18
81	MP2B	Mx	-0.002	18
82	MP2C	X	-4.581	18
83	MP2C	Z	-7.935	18
84	MP2C	Mx	.005	18

Member Point Loads (BLC 27 : Antenna Wm (0 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	0	24
2	MP4A	Z	-6.207	24
3	MP4A	Mx	0	24
4	MP4A	X	0	48
5	MP4A	Z	-6.207	48
6	MP4A	Mx	0	48



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Member Point Loads (BLC 27 : Antenna Wm (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
7	MP4B	X	0	24
8	MP4B	Z	-4.318	24
9	MP4B	Mx	.002	24
10	MP4B	X	0	48
11	MP4B	Z	-4.318	48
12	MP4B	Mx	.002	48
13	MP4C	X	0	24
14	MP4C	Z	-3.374	24
15	MP4C	Mx	-.001	24
16	MP4C	X	0	48
17	MP4C	Z	-3.374	48
18	MP4C	Mx	-.001	48
19	MP2A	X	0	36
20	MP2A	Z	-4.939	36
21	MP2A	Mx	0	36
22	MP2B	X	0	36
23	MP2B	Z	-4.12	36
24	MP2B	Mx	-.001	36
25	MP2C	X	0	36
26	MP2C	Z	-3.711	36
27	MP2C	Mx	.002	36
28	MP3A	X	0	36
29	MP3A	Z	-4.939	36
30	MP3A	Mx	0	36
31	MP3B	X	0	36
32	MP3B	Z	-3.807	36
33	MP3B	Mx	-.001	36
34	MP3C	X	0	36
35	MP3C	Z	-3.24	36
36	MP3C	Mx	.001	36
37	MP1A	X	0	30
38	MP1A	Z	-10.723	30
39	MP1A	Mx	0	30
40	MP2A	X	0	6
41	MP2A	Z	-13.035	6
42	MP2A	Mx	-.01	6
43	MP2A	X	0	66
44	MP2A	Z	-13.035	66
45	MP2A	Mx	-.01	66
46	MP2B	X	0	6
47	MP2B	Z	-11.363	6
48	MP2B	Mx	-.002	6
49	MP2B	X	0	66
50	MP2B	Z	-11.363	66
51	MP2B	Mx	-.002	66
52	MP2C	X	0	6
53	MP2C	Z	-10.527	6
54	MP2C	Mx	-.000611	6
55	MP2C	X	0	66
56	MP2C	Z	-10.527	66
57	MP2C	Mx	-.000611	66
58	MP2A	X	0	6
59	MP2A	Z	-13.035	6
60	MP2A	Mx	.01	6
61	MP2A	X	0	66
62	MP2A	Z	-13.035	66
63	MP2A	Mx	.01	66

Member Point Loads (BLC 27 : Antenna Wm (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
64	MP2B	X	0	6
65	MP2B	Z	-11.363	6
66	MP2B	Mx	.01	6
67	MP2B	X	0	66
68	MP2B	Z	-11.363	66
69	MP2B	Mx	.01	66
70	MP2C	X	0	6
71	MP2C	Z	-10.527	6
72	MP2C	Mx	-.009	6
73	MP2C	X	0	66
74	MP2C	Z	-10.527	66
75	MP2C	Mx	-.009	66
76	MP2A	X	0	18
77	MP2A	Z	-5.177	18
78	MP2A	Mx	0	18
79	MP2B	X	0	18
80	MP2B	Z	-3.673	18
81	MP2B	Mx	-.001	18
82	MP2C	X	0	18
83	MP2C	Z	-2.921	18
84	MP2C	Mx	.001	18

Member Point Loads (BLC 28 : Antenna Wm (30 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	2.631	24
2	MP4A	Z	-4.558	24
3	MP4A	Mx	-.001	24
4	MP4A	X	2.631	48
5	MP4A	Z	-4.558	48
6	MP4A	Mx	-.001	48
7	MP4B	X	1.342	24
8	MP4B	Z	-2.324	24
9	MP4B	Mx	.001	24
10	MP4B	X	1.342	48
11	MP4B	Z	-2.324	48
12	MP4B	Mx	.001	48
13	MP4C	X	2.631	24
14	MP4C	Z	-4.558	24
15	MP4C	Mx	-.001	24
16	MP4C	X	2.631	48
17	MP4C	Z	-4.558	48
18	MP4C	Mx	-.001	48
19	MP2A	X	2.265	36
20	MP2A	Z	-3.923	36
21	MP2A	Mx	.001	36
22	MP2B	X	1.706	36
23	MP2B	Z	-2.954	36
24	MP2B	Mx	-.002	36
25	MP2C	X	2.265	36
26	MP2C	Z	-3.923	36
27	MP2C	Mx	.001	36
28	MP3A	X	2.186	36
29	MP3A	Z	-3.787	36
30	MP3A	Mx	.001	36
31	MP3B	X	1.413	36
32	MP3B	Z	-2.447	36



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Member Point Loads (BLC 28 : Antenna Wm (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
33	MP3B	Mx	-.001	36
34	MP3C	X	2.186	36
35	MP3C	Z	-3.787	36
36	MP3C	Mx	.001	36
37	MP1A	X	5.044	30
38	MP1A	Z	-8.736	30
39	MP1A	Mx	.003	30
40	MP2A	X	6.099	6
41	MP2A	Z	-10.564	6
42	MP2A	Mx	-.011	6
43	MP2A	X	6.099	66
44	MP2A	Z	-10.564	66
45	MP2A	Mx	-.011	66
46	MP2B	X	4.957	6
47	MP2B	Z	-8.586	6
48	MP2B	Mx	.003	6
49	MP2B	X	4.957	66
50	MP2B	Z	-8.586	66
51	MP2B	Mx	.003	66
52	MP2C	X	6.099	6
53	MP2C	Z	-10.564	6
54	MP2C	Mx	.005	6
55	MP2C	X	6.099	66
56	MP2C	Z	-10.564	66
57	MP2C	Mx	.005	66
58	MP2A	X	6.099	6
59	MP2A	Z	-10.564	6
60	MP2A	Mx	.005	6
61	MP2A	X	6.099	66
62	MP2A	Z	-10.564	66
63	MP2A	Mx	.005	66
64	MP2B	X	4.957	6
65	MP2B	Z	-8.586	6
66	MP2B	Mx	.007	6
67	MP2B	X	4.957	66
68	MP2B	Z	-8.586	66
69	MP2B	Mx	.007	66
70	MP2C	X	6.099	6
71	MP2C	Z	-10.564	6
72	MP2C	Mx	-.011	6
73	MP2C	X	6.099	66
74	MP2C	Z	-10.564	66
75	MP2C	Mx	-.011	66
76	MP2A	X	2.212	18
77	MP2A	Z	-3.832	18
78	MP2A	Mx	.001	18
79	MP2B	X	1.185	18
80	MP2B	Z	-2.053	18
81	MP2B	Mx	-.001	18
82	MP2C	X	2.212	18
83	MP2C	Z	-3.832	18
84	MP2C	Mx	.001	18

Member Point Loads (BLC 29 : Antenna Wm (60 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	2.922	24



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Member Point Loads (BLC 29 : Antenna Wm (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
2	MP4A	Z	-1.687	24
3	MP4A	Mx	-.001	24
4	MP4A	X	2.922	48
5	MP4A	Z	-1.687	48
6	MP4A	Mx	-.001	48
7	MP4B	X	2.324	24
8	MP4B	Z	-1.342	24
9	MP4B	Mx	.001	24
10	MP4B	X	2.324	48
11	MP4B	Z	-1.342	48
12	MP4B	Mx	.001	48
13	MP4C	X	5.375	24
14	MP4C	Z	-3.103	24
15	MP4C	Mx	0	24
16	MP4C	X	5.375	48
17	MP4C	Z	-3.103	48
18	MP4C	Mx	0	48
19	MP2A	X	3.214	36
20	MP2A	Z	-1.855	36
21	MP2A	Mx	.002	36
22	MP2B	X	2.954	36
23	MP2B	Z	-1.706	36
24	MP2B	Mx	-.002	36
25	MP2C	X	4.277	36
26	MP2C	Z	-2.47	36
27	MP2C	Mx	0	36
28	MP3A	X	2.806	36
29	MP3A	Z	-1.62	36
30	MP3A	Mx	.001	36
31	MP3B	X	2.447	36
32	MP3B	Z	-1.413	36
33	MP3B	Mx	-.001	36
34	MP3C	X	4.277	36
35	MP3C	Z	-2.47	36
36	MP3C	Mx	0	36
37	MP1A	X	7.636	30
38	MP1A	Z	-4.408	30
39	MP1A	Mx	.004	30
40	MP2A	X	9.116	6
41	MP2A	Z	-5.263	6
42	MP2A	Mx	-.009	6
43	MP2A	X	9.116	66
44	MP2A	Z	-5.263	66
45	MP2A	Mx	-.009	66
46	MP2B	X	8.586	6
47	MP2B	Z	-4.957	6
48	MP2B	Mx	.007	6
49	MP2B	X	8.586	66
50	MP2B	Z	-4.957	66
51	MP2B	Mx	.007	66
52	MP2C	X	11.288	6
53	MP2C	Z	-6.517	6
54	MP2C	Mx	.01	6
55	MP2C	X	11.288	66
56	MP2C	Z	-6.517	66
57	MP2C	Mx	.01	66
58	MP2A	X	9.116	6

Member Point Loads (BLC 29 : Antenna Wm (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
59	MP2A	Z	-5.263	6
60	MP2A	Mx	-.000611	6
61	MP2A	X	9.116	66
62	MP2A	Z	-5.263	66
63	MP2A	Mx	-.000611	66
64	MP2B	X	8.586	6
65	MP2B	Z	-4.957	6
66	MP2B	Mx	.003	6
67	MP2B	X	8.586	66
68	MP2B	Z	-4.957	66
69	MP2B	Mx	.003	66
70	MP2C	X	11.288	6
71	MP2C	Z	-6.517	6
72	MP2C	Mx	-.01	6
73	MP2C	X	11.288	66
74	MP2C	Z	-6.517	66
75	MP2C	Mx	-.01	66
76	MP2A	X	2.53	18
77	MP2A	Z	-1.461	18
78	MP2A	Mx	.001	18
79	MP2B	X	2.053	18
80	MP2B	Z	-1.185	18
81	MP2B	Mx	-.001	18
82	MP2C	X	4.483	18
83	MP2C	Z	-2.588	18
84	MP2C	Mx	0	18

Member Point Loads (BLC 30 : Antenna Wm (90 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	2.43	24
2	MP4A	Z	0	24
3	MP4A	Mx	-.001	24
4	MP4A	X	2.43	48
5	MP4A	Z	0	48
6	MP4A	Mx	-.001	48
7	MP4B	X	4.318	24
8	MP4B	Z	0	24
9	MP4B	Mx	.002	24
10	MP4B	X	4.318	48
11	MP4B	Z	0	48
12	MP4B	Mx	.002	48
13	MP4C	X	5.263	24
14	MP4C	Z	0	24
15	MP4C	Mx	.001	24
16	MP4C	X	5.263	48
17	MP4C	Z	0	48
18	MP4C	Mx	.001	48
19	MP2A	X	3.302	36
20	MP2A	Z	0	36
21	MP2A	Mx	.002	36
22	MP2B	X	4.12	36
23	MP2B	Z	0	36
24	MP2B	Mx	-.001	36
25	MP2C	X	4.53	36
26	MP2C	Z	0	36
27	MP2C	Mx	-.001	36



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Member Point Loads (BLC 30 : Antenna Wm (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
28	MP3A	X	2.674	36
29	MP3A	Z	0	36
30	MP3A	Mx	.001	36
31	MP3B	X	3.807	36
32	MP3B	Z	0	36
33	MP3B	Mx	-.001	36
34	MP3C	X	4.373	36
35	MP3C	Z	0	36
36	MP3C	Mx	-.001	36
37	MP1A	X	8.181	30
38	MP1A	Z	0	30
39	MP1A	Mx	.004	30
40	MP2A	X	9.691	6
41	MP2A	Z	0	6
42	MP2A	Mx	-.005	6
43	MP2A	X	9.691	66
44	MP2A	Z	0	66
45	MP2A	Mx	-.005	66
46	MP2B	X	11.363	6
47	MP2B	Z	0	6
48	MP2B	Mx	.01	6
49	MP2B	X	11.363	66
50	MP2B	Z	0	66
51	MP2B	Mx	.01	66
52	MP2C	X	12.199	6
53	MP2C	Z	0	6
54	MP2C	Mx	.011	6
55	MP2C	X	12.199	66
56	MP2C	Z	0	66
57	MP2C	Mx	.011	66
58	MP2A	X	9.691	6
59	MP2A	Z	0	6
60	MP2A	Mx	-.005	6
61	MP2A	X	9.691	66
62	MP2A	Z	0	66
63	MP2A	Mx	-.005	66
64	MP2B	X	11.363	6
65	MP2B	Z	0	6
66	MP2B	Mx	-.002	6
67	MP2B	X	11.363	66
68	MP2B	Z	0	66
69	MP2B	Mx	-.002	66
70	MP2C	X	12.199	6
71	MP2C	Z	0	6
72	MP2C	Mx	-.005	6
73	MP2C	X	12.199	66
74	MP2C	Z	0	66
75	MP2C	Mx	-.005	66
76	MP2A	X	2.169	18
77	MP2A	Z	0	18
78	MP2A	Mx	.001	18
79	MP2B	X	3.673	18
80	MP2B	Z	0	18
81	MP2B	Mx	-.001	18
82	MP2C	X	4.425	18
83	MP2C	Z	0	18
84	MP2C	Mx	-.001	18



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Member Point Loads (BLC 31 : Antenna Wm (120 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	2.922	24
2	MP4A	Z	1.687	24
3	MP4A	Mx	-.001	24
4	MP4A	X	2.922	48
5	MP4A	Z	1.687	48
6	MP4A	Mx	-.001	48
7	MP4B	X	5.156	24
8	MP4B	Z	2.977	24
9	MP4B	Mx	.00077	24
10	MP4B	X	5.156	48
11	MP4B	Z	2.977	48
12	MP4B	Mx	.00077	48
13	MP4C	X	2.922	24
14	MP4C	Z	1.687	24
15	MP4C	Mx	.001	24
16	MP4C	X	2.922	48
17	MP4C	Z	1.687	48
18	MP4C	Mx	.001	48
19	MP2A	X	3.214	36
20	MP2A	Z	1.855	36
21	MP2A	Mx	.002	36
22	MP2B	X	4.182	36
23	MP2B	Z	2.415	36
24	MP2B	Mx	-.000625	36
25	MP2C	X	3.214	36
26	MP2C	Z	1.855	36
27	MP2C	Mx	-.002	36
28	MP3A	X	2.806	36
29	MP3A	Z	1.62	36
30	MP3A	Mx	.001	36
31	MP3B	X	4.146	36
32	MP3B	Z	2.394	36
33	MP3B	Mx	-.000619	36
34	MP3C	X	2.806	36
35	MP3C	Z	1.62	36
36	MP3C	Mx	-.001	36
37	MP1A	X	7.636	30
38	MP1A	Z	4.408	30
39	MP1A	Mx	.004	30
40	MP2A	X	9.116	6
41	MP2A	Z	5.263	6
42	MP2A	Mx	-.000611	6
43	MP2A	X	9.116	66
44	MP2A	Z	5.263	66
45	MP2A	Mx	-.000611	66
46	MP2B	X	11.094	6
47	MP2B	Z	6.405	6
48	MP2B	Mx	.011	6
49	MP2B	X	11.094	66
50	MP2B	Z	6.405	66
51	MP2B	Mx	.011	66
52	MP2C	X	9.116	6
53	MP2C	Z	5.263	6
54	MP2C	Mx	.009	6
55	MP2C	X	9.116	66
56	MP2C	Z	5.263	66
57	MP2C	Mx	.009	66



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Member Point Loads (BLC 31 : Antenna Wm (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
58	MP2A	X	9.116	6
59	MP2A	Z	5.263	6
60	MP2A	Mx	-.009	6
61	MP2A	X	9.116	66
62	MP2A	Z	5.263	66
63	MP2A	Mx	-.009	66
64	MP2B	X	11.094	6
65	MP2B	Z	6.405	6
66	MP2B	Mx	-.008	6
67	MP2B	X	11.094	66
68	MP2B	Z	6.405	66
69	MP2B	Mx	-.008	66
70	MP2C	X	9.116	6
71	MP2C	Z	5.263	6
72	MP2C	Mx	.000611	6
73	MP2C	X	9.116	66
74	MP2C	Z	5.263	66
75	MP2C	Mx	.000611	66
76	MP2A	X	2.53	18
77	MP2A	Z	1.461	18
78	MP2A	Mx	.001	18
79	MP2B	X	4.309	18
80	MP2B	Z	2.488	18
81	MP2B	Mx	-.000644	18
82	MP2C	X	2.53	18
83	MP2C	Z	1.461	18
84	MP2C	Mx	-.001	18

Member Point Loads (BLC 32 : Antenna Wm (150 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	2.631	24
2	MP4A	Z	4.558	24
3	MP4A	Mx	-.001	24
4	MP4A	X	2.631	48
5	MP4A	Z	4.558	48
6	MP4A	Mx	-.001	48
7	MP4B	X	2.977	24
8	MP4B	Z	5.156	24
9	MP4B	Mx	-.00077	24
10	MP4B	X	2.977	48
11	MP4B	Z	5.156	48
12	MP4B	Mx	-.00077	48
13	MP4C	X	1.215	24
14	MP4C	Z	2.104	24
15	MP4C	Mx	.001	24
16	MP4C	X	1.215	48
17	MP4C	Z	2.104	48
18	MP4C	Mx	.001	48
19	MP2A	X	2.265	36
20	MP2A	Z	3.923	36
21	MP2A	Mx	.001	36
22	MP2B	X	2.415	36
23	MP2B	Z	4.182	36
24	MP2B	Mx	.000625	36
25	MP2C	X	1.651	36
26	MP2C	Z	2.859	36

Member Point Loads (BLC 32 : Antenna Wm (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
27	MP2C	Mx	-.002	36
28	MP3A	X	2.186	36
29	MP3A	Z	3.787	36
30	MP3A	Mx	.001	36
31	MP3B	X	2.394	36
32	MP3B	Z	4.146	36
33	MP3B	Mx	.000619	36
34	MP3C	X	1.337	36
35	MP3C	Z	2.316	36
36	MP3C	Mx	-.001	36
37	MP1A	X	5.044	30
38	MP1A	Z	8.736	30
39	MP1A	Mx	.003	30
40	MP2A	X	6.099	6
41	MP2A	Z	10.564	6
42	MP2A	Mx	.005	6
43	MP2A	X	6.099	66
44	MP2A	Z	10.564	66
45	MP2A	Mx	.005	66
46	MP2B	X	6.405	6
47	MP2B	Z	11.094	6
48	MP2B	Mx	.008	6
49	MP2B	X	6.405	66
50	MP2B	Z	11.094	66
51	MP2B	Mx	.008	66
52	MP2C	X	4.845	6
53	MP2C	Z	8.392	6
54	MP2C	Mx	.005	6
55	MP2C	X	4.845	66
56	MP2C	Z	8.392	66
57	MP2C	Mx	.005	66
58	MP2A	X	6.099	6
59	MP2A	Z	10.564	6
60	MP2A	Mx	-.011	6
61	MP2A	X	6.099	66
62	MP2A	Z	10.564	66
63	MP2A	Mx	-.011	66
64	MP2B	X	6.405	6
65	MP2B	Z	11.094	6
66	MP2B	Mx	-.011	6
67	MP2B	X	6.405	66
68	MP2B	Z	11.094	66
69	MP2B	Mx	-.011	66
70	MP2C	X	4.845	6
71	MP2C	Z	8.392	6
72	MP2C	Mx	.005	6
73	MP2C	X	4.845	66
74	MP2C	Z	8.392	66
75	MP2C	Mx	.005	66
76	MP2A	X	2.212	18
77	MP2A	Z	3.832	18
78	MP2A	Mx	.001	18
79	MP2B	X	2.488	18
80	MP2B	Z	4.309	18
81	MP2B	Mx	.000644	18
82	MP2C	X	1.085	18
83	MP2C	Z	1.879	18



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Member Point Loads (BLC 32 : Antenna Wm (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
84	MP2C	Mx	-.001	18

Member Point Loads (BLC 33 : Antenna Wm (180 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	0	24
2	MP4A	Z	6.207	24
3	MP4A	Mx	0	24
4	MP4A	X	0	48
5	MP4A	Z	6.207	48
6	MP4A	Mx	0	48
7	MP4B	X	0	24
8	MP4B	Z	4.318	24
9	MP4B	Mx	-.002	24
10	MP4B	X	0	48
11	MP4B	Z	4.318	48
12	MP4B	Mx	-.002	48
13	MP4C	X	0	24
14	MP4C	Z	3.374	24
15	MP4C	Mx	.001	24
16	MP4C	X	0	48
17	MP4C	Z	3.374	48
18	MP4C	Mx	.001	48
19	MP2A	X	0	36
20	MP2A	Z	4.939	36
21	MP2A	Mx	0	36
22	MP2B	X	0	36
23	MP2B	Z	4.12	36
24	MP2B	Mx	.001	36
25	MP2C	X	0	36
26	MP2C	Z	3.711	36
27	MP2C	Mx	-.002	36
28	MP3A	X	0	36
29	MP3A	Z	4.939	36
30	MP3A	Mx	0	36
31	MP3B	X	0	36
32	MP3B	Z	3.807	36
33	MP3B	Mx	.001	36
34	MP3C	X	0	36
35	MP3C	Z	3.24	36
36	MP3C	Mx	-.001	36
37	MP1A	X	0	30
38	MP1A	Z	10.723	30
39	MP1A	Mx	0	30
40	MP2A	X	0	6
41	MP2A	Z	13.035	6
42	MP2A	Mx	.01	6
43	MP2A	X	0	66
44	MP2A	Z	13.035	66
45	MP2A	Mx	.01	66
46	MP2B	X	0	6
47	MP2B	Z	11.363	6
48	MP2B	Mx	.002	6
49	MP2B	X	0	66
50	MP2B	Z	11.363	66
51	MP2B	Mx	.002	66
52	MP2C	X	0	6

Member Point Loads (BLC 33 : Antenna Wm (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
53	MP2C	Z	10.527	6
54	MP2C	Mx	.000611	6
55	MP2C	X	0	66
56	MP2C	Z	10.527	66
57	MP2C	Mx	.000611	66
58	MP2A	X	0	6
59	MP2A	Z	13.035	6
60	MP2A	Mx	-.01	6
61	MP2A	X	0	66
62	MP2A	Z	13.035	66
63	MP2A	Mx	-.01	66
64	MP2B	X	0	6
65	MP2B	Z	11.363	6
66	MP2B	Mx	-.01	6
67	MP2B	X	0	66
68	MP2B	Z	11.363	66
69	MP2B	Mx	-.01	66
70	MP2C	X	0	6
71	MP2C	Z	10.527	6
72	MP2C	Mx	.009	6
73	MP2C	X	0	66
74	MP2C	Z	10.527	66
75	MP2C	Mx	.009	66
76	MP2A	X	0	18
77	MP2A	Z	5.177	18
78	MP2A	Mx	0	18
79	MP2B	X	0	18
80	MP2B	Z	3.673	18
81	MP2B	Mx	.001	18
82	MP2C	X	0	18
83	MP2C	Z	2.921	18
84	MP2C	Mx	-.001	18

Member Point Loads (BLC 34 : Antenna Wm (210 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-2.631	24
2	MP4A	Z	4.558	24
3	MP4A	Mx	.001	24
4	MP4A	X	-2.631	48
5	MP4A	Z	4.558	48
6	MP4A	Mx	.001	48
7	MP4B	X	-1.342	24
8	MP4B	Z	2.324	24
9	MP4B	Mx	-.001	24
10	MP4B	X	-1.342	48
11	MP4B	Z	2.324	48
12	MP4B	Mx	-.001	48
13	MP4C	X	-2.631	24
14	MP4C	Z	4.558	24
15	MP4C	Mx	.001	24
16	MP4C	X	-2.631	48
17	MP4C	Z	4.558	48
18	MP4C	Mx	.001	48
19	MP2A	X	-2.265	36
20	MP2A	Z	3.923	36
21	MP2A	Mx	-.001	36



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Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
22	MP2B	X	-1.706	36
23	MP2B	Z	2.954	36
24	MP2B	Mx	.002	36
25	MP2C	X	-2.265	36
26	MP2C	Z	3.923	36
27	MP2C	Mx	-.001	36
28	MP3A	X	-2.186	36
29	MP3A	Z	3.787	36
30	MP3A	Mx	-.001	36
31	MP3B	X	-1.413	36
32	MP3B	Z	2.447	36
33	MP3B	Mx	.001	36
34	MP3C	X	-2.186	36
35	MP3C	Z	3.787	36
36	MP3C	Mx	-.001	36
37	MP1A	X	-5.044	30
38	MP1A	Z	8.736	30
39	MP1A	Mx	-.003	30
40	MP2A	X	-6.099	6
41	MP2A	Z	10.564	6
42	MP2A	Mx	.011	6
43	MP2A	X	-6.099	66
44	MP2A	Z	10.564	66
45	MP2A	Mx	.011	66
46	MP2B	X	-4.957	6
47	MP2B	Z	8.586	6
48	MP2B	Mx	-.003	6
49	MP2B	X	-4.957	66
50	MP2B	Z	8.586	66
51	MP2B	Mx	-.003	66
52	MP2C	X	-6.099	6
53	MP2C	Z	10.564	6
54	MP2C	Mx	-.005	6
55	MP2C	X	-6.099	66
56	MP2C	Z	10.564	66
57	MP2C	Mx	-.005	66
58	MP2A	X	-6.099	6
59	MP2A	Z	10.564	6
60	MP2A	Mx	-.005	6
61	MP2A	X	-6.099	66
62	MP2A	Z	10.564	66
63	MP2A	Mx	-.005	66
64	MP2B	X	-4.957	6
65	MP2B	Z	8.586	6
66	MP2B	Mx	-.007	6
67	MP2B	X	-4.957	66
68	MP2B	Z	8.586	66
69	MP2B	Mx	-.007	66
70	MP2C	X	-6.099	6
71	MP2C	Z	10.564	6
72	MP2C	Mx	.011	6
73	MP2C	X	-6.099	66
74	MP2C	Z	10.564	66
75	MP2C	Mx	.011	66
76	MP2A	X	-2.212	18
77	MP2A	Z	3.832	18
78	MP2A	Mx	-.001	18

Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
79	MP2B	X	-1.185	18
80	MP2B	Z	2.053	18
81	MP2B	Mx	.001	18
82	MP2C	X	-2.212	18
83	MP2C	Z	3.832	18
84	MP2C	Mx	-.001	18

Member Point Loads (BLC 35 : Antenna Wm (240 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-2.922	24
2	MP4A	Z	1.687	24
3	MP4A	Mx	.001	24
4	MP4A	X	-2.922	48
5	MP4A	Z	1.687	48
6	MP4A	Mx	.001	48
7	MP4B	X	-2.324	24
8	MP4B	Z	1.342	24
9	MP4B	Mx	-.001	24
10	MP4B	X	-2.324	48
11	MP4B	Z	1.342	48
12	MP4B	Mx	-.001	48
13	MP4C	X	-5.375	24
14	MP4C	Z	3.103	24
15	MP4C	Mx	0	24
16	MP4C	X	-5.375	48
17	MP4C	Z	3.103	48
18	MP4C	Mx	0	48
19	MP2A	X	-3.214	36
20	MP2A	Z	1.855	36
21	MP2A	Mx	-.002	36
22	MP2B	X	-2.954	36
23	MP2B	Z	1.706	36
24	MP2B	Mx	.002	36
25	MP2C	X	-4.277	36
26	MP2C	Z	2.47	36
27	MP2C	Mx	0	36
28	MP3A	X	-2.806	36
29	MP3A	Z	1.62	36
30	MP3A	Mx	-.001	36
31	MP3B	X	-2.447	36
32	MP3B	Z	1.413	36
33	MP3B	Mx	.001	36
34	MP3C	X	-4.277	36
35	MP3C	Z	2.47	36
36	MP3C	Mx	0	36
37	MP1A	X	-7.636	30
38	MP1A	Z	4.408	30
39	MP1A	Mx	-.004	30
40	MP2A	X	-9.116	6
41	MP2A	Z	5.263	6
42	MP2A	Mx	.009	6
43	MP2A	X	-9.116	66
44	MP2A	Z	5.263	66
45	MP2A	Mx	.009	66
46	MP2B	X	-8.586	6
47	MP2B	Z	4.957	6



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Member Point Loads (BLC 35 : Antenna Wm (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
48	MP2B	Mx	-.007	6
49	MP2B	X	-8.586	66
50	MP2B	Z	4.957	66
51	MP2B	Mx	-.007	66
52	MP2C	X	-11.288	6
53	MP2C	Z	6.517	6
54	MP2C	Mx	-.01	6
55	MP2C	X	-11.288	66
56	MP2C	Z	6.517	66
57	MP2C	Mx	-.01	66
58	MP2A	X	-9.116	6
59	MP2A	Z	5.263	6
60	MP2A	Mx	.000611	6
61	MP2A	X	-9.116	66
62	MP2A	Z	5.263	66
63	MP2A	Mx	.000611	66
64	MP2B	X	-8.586	6
65	MP2B	Z	4.957	6
66	MP2B	Mx	-.003	6
67	MP2B	X	-8.586	66
68	MP2B	Z	4.957	66
69	MP2B	Mx	-.003	66
70	MP2C	X	-11.288	6
71	MP2C	Z	6.517	6
72	MP2C	Mx	.01	6
73	MP2C	X	-11.288	66
74	MP2C	Z	6.517	66
75	MP2C	Mx	.01	66
76	MP2A	X	-2.53	18
77	MP2A	Z	1.461	18
78	MP2A	Mx	-.001	18
79	MP2B	X	-2.053	18
80	MP2B	Z	1.185	18
81	MP2B	Mx	.001	18
82	MP2C	X	-4.483	18
83	MP2C	Z	2.588	18
84	MP2C	Mx	0	18

Member Point Loads (BLC 36 : Antenna Wm (270 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-2.43	24
2	MP4A	Z	0	24
3	MP4A	Mx	.001	24
4	MP4A	X	-2.43	48
5	MP4A	Z	0	48
6	MP4A	Mx	.001	48
7	MP4B	X	-4.318	24
8	MP4B	Z	0	24
9	MP4B	Mx	-.002	24
10	MP4B	X	-4.318	48
11	MP4B	Z	0	48
12	MP4B	Mx	-.002	48
13	MP4C	X	-5.263	24
14	MP4C	Z	0	24
15	MP4C	Mx	-.001	24
16	MP4C	X	-5.263	48

Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
17	MP4C	Z	0	48
18	MP4C	Mx	-.001	48
19	MP2A	X	-3.302	36
20	MP2A	Z	0	36
21	MP2A	Mx	-.002	36
22	MP2B	X	-4.12	36
23	MP2B	Z	0	36
24	MP2B	Mx	.001	36
25	MP2C	X	-4.53	36
26	MP2C	Z	0	36
27	MP2C	Mx	.001	36
28	MP3A	X	-2.674	36
29	MP3A	Z	0	36
30	MP3A	Mx	-.001	36
31	MP3B	X	-3.807	36
32	MP3B	Z	0	36
33	MP3B	Mx	.001	36
34	MP3C	X	-4.373	36
35	MP3C	Z	0	36
36	MP3C	Mx	.001	36
37	MP1A	X	-8.181	30
38	MP1A	Z	0	30
39	MP1A	Mx	-.004	30
40	MP2A	X	-9.691	6
41	MP2A	Z	0	6
42	MP2A	Mx	.005	6
43	MP2A	X	-9.691	66
44	MP2A	Z	0	66
45	MP2A	Mx	.005	66
46	MP2B	X	-11.363	6
47	MP2B	Z	0	6
48	MP2B	Mx	-.01	6
49	MP2B	X	-11.363	66
50	MP2B	Z	0	66
51	MP2B	Mx	-.01	66
52	MP2C	X	-12.199	6
53	MP2C	Z	0	6
54	MP2C	Mx	-.011	6
55	MP2C	X	-12.199	66
56	MP2C	Z	0	66
57	MP2C	Mx	-.011	66
58	MP2A	X	-9.691	6
59	MP2A	Z	0	6
60	MP2A	Mx	.005	6
61	MP2A	X	-9.691	66
62	MP2A	Z	0	66
63	MP2A	Mx	.005	66
64	MP2B	X	-11.363	6
65	MP2B	Z	0	6
66	MP2B	Mx	.002	6
67	MP2B	X	-11.363	66
68	MP2B	Z	0	66
69	MP2B	Mx	.002	66
70	MP2C	X	-12.199	6
71	MP2C	Z	0	6
72	MP2C	Mx	.005	6
73	MP2C	X	-12.199	66

Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
74	MP2C	Z	0	66
75	MP2C	Mx	.005	66
76	MP2A	X	-2.169	18
77	MP2A	Z	0	18
78	MP2A	Mx	-.001	18
79	MP2B	X	-3.673	18
80	MP2B	Z	0	18
81	MP2B	Mx	.001	18
82	MP2C	X	-4.425	18
83	MP2C	Z	0	18
84	MP2C	Mx	.001	18

Member Point Loads (BLC 37 : Antenna Wm (300 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-2.922	24
2	MP4A	Z	-1.687	24
3	MP4A	Mx	.001	24
4	MP4A	X	-2.922	48
5	MP4A	Z	-1.687	48
6	MP4A	Mx	.001	48
7	MP4B	X	-5.156	24
8	MP4B	Z	-2.977	24
9	MP4B	Mx	-.00077	24
10	MP4B	X	-5.156	48
11	MP4B	Z	-2.977	48
12	MP4B	Mx	-.00077	48
13	MP4C	X	-2.922	24
14	MP4C	Z	-1.687	24
15	MP4C	Mx	-.001	24
16	MP4C	X	-2.922	48
17	MP4C	Z	-1.687	48
18	MP4C	Mx	-.001	48
19	MP2A	X	-3.214	36
20	MP2A	Z	-1.855	36
21	MP2A	Mx	-.002	36
22	MP2B	X	-4.182	36
23	MP2B	Z	-2.415	36
24	MP2B	Mx	.000625	36
25	MP2C	X	-3.214	36
26	MP2C	Z	-1.855	36
27	MP2C	Mx	.002	36
28	MP3A	X	-2.806	36
29	MP3A	Z	-1.62	36
30	MP3A	Mx	-.001	36
31	MP3B	X	-4.146	36
32	MP3B	Z	-2.394	36
33	MP3B	Mx	.000619	36
34	MP3C	X	-2.806	36
35	MP3C	Z	-1.62	36
36	MP3C	Mx	.001	36
37	MP1A	X	-7.636	30
38	MP1A	Z	-4.408	30
39	MP1A	Mx	-.004	30
40	MP2A	X	-9.116	6
41	MP2A	Z	-5.263	6
42	MP2A	Mx	.000611	6

Member Point Loads (BLC 37 : Antenna Wm (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
43	MP2A	X	-9.116	66
44	MP2A	Z	-5.263	66
45	MP2A	Mx	.000611	66
46	MP2B	X	-11.094	6
47	MP2B	Z	-6.405	6
48	MP2B	Mx	-.011	6
49	MP2B	X	-11.094	66
50	MP2B	Z	-6.405	66
51	MP2B	Mx	-.011	66
52	MP2C	X	-9.116	6
53	MP2C	Z	-5.263	6
54	MP2C	Mx	-.009	6
55	MP2C	X	-9.116	66
56	MP2C	Z	-5.263	66
57	MP2C	Mx	-.009	66
58	MP2A	X	-9.116	6
59	MP2A	Z	-5.263	6
60	MP2A	Mx	.009	6
61	MP2A	X	-9.116	66
62	MP2A	Z	-5.263	66
63	MP2A	Mx	.009	66
64	MP2B	X	-11.094	6
65	MP2B	Z	-6.405	6
66	MP2B	Mx	.008	6
67	MP2B	X	-11.094	66
68	MP2B	Z	-6.405	66
69	MP2B	Mx	.008	66
70	MP2C	X	-9.116	6
71	MP2C	Z	-5.263	6
72	MP2C	Mx	-.000611	6
73	MP2C	X	-9.116	66
74	MP2C	Z	-5.263	66
75	MP2C	Mx	-.000611	66
76	MP2A	X	-2.53	18
77	MP2A	Z	-1.461	18
78	MP2A	Mx	-.001	18
79	MP2B	X	-4.309	18
80	MP2B	Z	-2.488	18
81	MP2B	Mx	.000644	18
82	MP2C	X	-2.53	18
83	MP2C	Z	-1.461	18
84	MP2C	Mx	.001	18

Member Point Loads (BLC 38 : Antenna Wm (330 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	-2.631	24
2	MP4A	Z	-4.558	24
3	MP4A	Mx	.001	24
4	MP4A	X	-2.631	48
5	MP4A	Z	-4.558	48
6	MP4A	Mx	.001	48
7	MP4B	X	-2.977	24
8	MP4B	Z	-5.156	24
9	MP4B	Mx	.00077	24
10	MP4B	X	-2.977	48
11	MP4B	Z	-5.156	48



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Member Point Loads (BLC 38 : Antenna Wm (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
12	MP4B	Mx	.00077	48
13	MP4C	X	-1.215	24
14	MP4C	Z	-2.104	24
15	MP4C	Mx	-.001	24
16	MP4C	X	-1.215	48
17	MP4C	Z	-2.104	48
18	MP4C	Mx	-.001	48
19	MP2A	X	-2.265	36
20	MP2A	Z	-3.923	36
21	MP2A	Mx	-.001	36
22	MP2B	X	-2.415	36
23	MP2B	Z	-4.182	36
24	MP2B	Mx	-.000625	36
25	MP2C	X	-1.651	36
26	MP2C	Z	-2.859	36
27	MP2C	Mx	.002	36
28	MP3A	X	-2.186	36
29	MP3A	Z	-3.787	36
30	MP3A	Mx	-.001	36
31	MP3B	X	-2.394	36
32	MP3B	Z	-4.146	36
33	MP3B	Mx	-.000619	36
34	MP3C	X	-1.337	36
35	MP3C	Z	-2.316	36
36	MP3C	Mx	.001	36
37	MP1A	X	-5.044	30
38	MP1A	Z	-8.736	30
39	MP1A	Mx	-.003	30
40	MP2A	X	-6.099	6
41	MP2A	Z	-10.564	6
42	MP2A	Mx	-.005	6
43	MP2A	X	-6.099	66
44	MP2A	Z	-10.564	66
45	MP2A	Mx	-.005	66
46	MP2B	X	-6.405	6
47	MP2B	Z	-11.094	6
48	MP2B	Mx	-.008	6
49	MP2B	X	-6.405	66
50	MP2B	Z	-11.094	66
51	MP2B	Mx	-.008	66
52	MP2C	X	-4.845	6
53	MP2C	Z	-8.392	6
54	MP2C	Mx	-.005	6
55	MP2C	X	-4.845	66
56	MP2C	Z	-8.392	66
57	MP2C	Mx	-.005	66
58	MP2A	X	-6.099	6
59	MP2A	Z	-10.564	6
60	MP2A	Mx	.011	6
61	MP2A	X	-6.099	66
62	MP2A	Z	-10.564	66
63	MP2A	Mx	.011	66
64	MP2B	X	-6.405	6
65	MP2B	Z	-11.094	6
66	MP2B	Mx	.011	6
67	MP2B	X	-6.405	66
68	MP2B	Z	-11.094	66

Member Point Loads (BLC 38 : Antenna Wm (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
69	MP2B	Mx	.011	66
70	MP2C	X	-4.845	6
71	MP2C	Z	-8.392	6
72	MP2C	Mx	-.005	6
73	MP2C	X	-4.845	66
74	MP2C	Z	-8.392	66
75	MP2C	Mx	-.005	66
76	MP2A	X	-2.212	18
77	MP2A	Z	-3.832	18
78	MP2A	Mx	-.001	18
79	MP2B	X	-2.488	18
80	MP2B	Z	-4.309	18
81	MP2B	Mx	-.000644	18
82	MP2C	X	-1.085	18
83	MP2C	Z	-1.879	18
84	MP2C	Mx	.001	18

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M148	Y	-500	%16.82

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M166	Y	-500	%40

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M148	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M166	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	Y	-1.598	24
2	MP4A	My	-.000799	24
3	MP4A	Mz	0	24
4	MP4A	Y	-1.598	48
5	MP4A	My	-.000799	48
6	MP4A	Mz	0	48
7	MP4B	Y	-1.598	24
8	MP4B	My	.000565	24
9	MP4B	Mz	-.000565	24
10	MP4B	Y	-1.598	48
11	MP4B	My	.000565	48
12	MP4B	Mz	-.000565	48
13	MP4C	Y	-1.598	24
14	MP4C	My	.000399	24
15	MP4C	Mz	.000692	24
16	MP4C	Y	-1.598	48
17	MP4C	My	.000399	48
18	MP4C	Mz	.000692	48
19	MP2A	Y	-3.097	36



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Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
20	MP2A	My	.002	36
21	MP2A	Mz	0	36
22	MP2B	Y	-3.097	36
23	MP2B	My	-.001	36
24	MP2B	Mz	.001	36
25	MP2C	Y	-3.097	36
26	MP2C	My	-.000774	36
27	MP2C	Mz	-.001	36
28	MP3A	Y	-2.58	36
29	MP3A	My	.001	36
30	MP3A	Mz	0	36
31	MP3B	Y	-2.58	36
32	MP3B	My	-.000912	36
33	MP3B	Mz	.000912	36
34	MP3C	Y	-2.58	36
35	MP3C	My	-.000645	36
36	MP3C	Mz	-.001	36
37	MP1A	Y	-1.174	30
38	MP1A	My	.000587	30
39	MP1A	Mz	0	30
40	MP2A	Y	-.844	6
41	MP2A	My	-.000422	6
42	MP2A	Mz	.000633	6
43	MP2A	Y	-.844	66
44	MP2A	My	-.000422	66
45	MP2A	Mz	.000633	66
46	MP2B	Y	-.844	6
47	MP2B	My	.000746	6
48	MP2B	Mz	.000149	6
49	MP2B	Y	-.844	66
50	MP2B	My	.000746	66
51	MP2B	Mz	.000149	66
52	MP2C	Y	-.844	6
53	MP2C	My	.000759	6
54	MP2C	Mz	4.9e-5	6
55	MP2C	Y	-.844	66
56	MP2C	My	.000759	66
57	MP2C	Mz	4.9e-5	66
58	MP2A	Y	-.844	6
59	MP2A	My	-.000422	6
60	MP2A	Mz	-.000633	6
61	MP2A	Y	-.844	66
62	MP2A	My	-.000422	66
63	MP2A	Mz	-.000633	66
64	MP2B	Y	-.844	6
65	MP2B	My	-.000149	6
66	MP2B	Mz	-.000746	6
67	MP2B	Y	-.844	66
68	MP2B	My	-.000149	66
69	MP2B	Mz	-.000746	66
70	MP2C	Y	-.844	6
71	MP2C	My	-.000337	6
72	MP2C	Mz	.000682	6
73	MP2C	Y	-.844	66
74	MP2C	My	-.000337	66
75	MP2C	Mz	.000682	66
76	MP2A	Y	-1.941	18

Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
77	MP2A	My	.000971	18
78	MP2A	Mz	0	18
79	MP2B	Y	-1.941	18
80	MP2B	My	-.000686	18
81	MP2B	Mz	.000686	18
82	MP2C	Y	-1.941	18
83	MP2C	My	-.000485	18
84	MP2C	Mz	-.000841	18

Member Point Loads (BLC 82 : Antenna Eh (0 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	Z	-3.995	24
2	MP4A	Mx	0	24
3	MP4A	Z	-3.995	48
4	MP4A	Mx	0	48
5	MP4B	Z	-3.995	24
6	MP4B	Mx	.001	24
7	MP4B	Z	-3.995	48
8	MP4B	Mx	.001	48
9	MP4C	Z	-3.995	24
10	MP4C	Mx	-.002	24
11	MP4C	Z	-3.995	48
12	MP4C	Mx	-.002	48
13	MP2A	Z	-7.742	36
14	MP2A	Mx	0	36
15	MP2B	Z	-7.742	36
16	MP2B	Mx	-.003	36
17	MP2C	Z	-7.742	36
18	MP2C	Mx	.003	36
19	MP3A	Z	-6.449	36
20	MP3A	Mx	0	36
21	MP3B	Z	-6.449	36
22	MP3B	Mx	-.002	36
23	MP3C	Z	-6.449	36
24	MP3C	Mx	.003	36
25	MP1A	Z	-2.935	30
26	MP1A	Mx	0	30
27	MP2A	Z	-2.11	6
28	MP2A	Mx	-.002	6
29	MP2A	Z	-2.11	66
30	MP2A	Mx	-.002	66
31	MP2B	Z	-2.11	6
32	MP2B	Mx	-.000373	6
33	MP2B	Z	-2.11	66
34	MP2B	Mx	-.000373	66
35	MP2C	Z	-2.11	6
36	MP2C	Mx	-.000122	6
37	MP2C	Z	-2.11	66
38	MP2C	Mx	-.000122	66
39	MP2A	Z	-2.11	6
40	MP2A	Mx	.002	6
41	MP2A	Z	-2.11	66
42	MP2A	Mx	.002	66
43	MP2B	Z	-2.11	6
44	MP2B	Mx	.002	6
45	MP2B	Z	-2.11	66

Member Point Loads (BLC 82 : Antenna Eh (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
46	MP2B	Mx	.002	66
47	MP2C	Z	-2.11	6
48	MP2C	Mx	-.002	6
49	MP2C	Z	-2.11	66
50	MP2C	Mx	-.002	66
51	MP2A	Z	-4.853	18
52	MP2A	Mx	0	18
53	MP2B	Z	-4.853	18
54	MP2B	Mx	-.002	18
55	MP2C	Z	-4.853	18
56	MP2C	Mx	.002	18

Member Point Loads (BLC 83 : Antenna Eh (90 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4A	X	3.995	24
2	MP4A	Mx	-.002	24
3	MP4A	X	3.995	48
4	MP4A	Mx	-.002	48
5	MP4B	X	3.995	24
6	MP4B	Mx	.001	24
7	MP4B	X	3.995	48
8	MP4B	Mx	.001	48
9	MP4C	X	3.995	24
10	MP4C	Mx	.000999	24
11	MP4C	X	3.995	48
12	MP4C	Mx	.000999	48
13	MP2A	X	7.742	36
14	MP2A	Mx	.004	36
15	MP2B	X	7.742	36
16	MP2B	Mx	-.003	36
17	MP2C	X	7.742	36
18	MP2C	Mx	-.002	36
19	MP3A	X	6.449	36
20	MP3A	Mx	.003	36
21	MP3B	X	6.449	36
22	MP3B	Mx	-.002	36
23	MP3C	X	6.449	36
24	MP3C	Mx	-.002	36
25	MP1A	X	2.935	30
26	MP1A	Mx	.001	30
27	MP2A	X	2.11	6
28	MP2A	Mx	-.001	6
29	MP2A	X	2.11	66
30	MP2A	Mx	-.001	66
31	MP2B	X	2.11	6
32	MP2B	Mx	.002	6
33	MP2B	X	2.11	66
34	MP2B	Mx	.002	66
35	MP2C	X	2.11	6
36	MP2C	Mx	.002	6
37	MP2C	X	2.11	66
38	MP2C	Mx	.002	66
39	MP2A	X	2.11	6
40	MP2A	Mx	-.001	6
41	MP2A	X	2.11	66
42	MP2A	Mx	-.001	66

Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
43	MP2B	X	2.11	6
44	MP2B	Mx	-.000373	6
45	MP2B	X	2.11	66
46	MP2B	Mx	-.000373	66
47	MP2C	X	2.11	6
48	MP2C	Mx	-.000843	6
49	MP2C	X	2.11	66
50	MP2C	Mx	-.000843	66
51	MP2A	X	4.853	18
52	MP2A	Mx	.002	18
53	MP2B	X	4.853	18
54	MP2B	Mx	-.002	18
55	MP2C	X	4.853	18
56	MP2C	Mx	-.001	18

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[in.%]	End Location[in.%]
1	M1	Y	-12.196	-12.196	0	%100
2	M7	Y	-9.706	-9.706	0	%100
3	M8	Y	-29.218	-29.218	0	%100
4	M13	Y	-9.706	-9.706	0	%100
5	M14	Y	-5.024	-5.024	0	%100
6	M18	Y	-5.024	-5.024	0	%100
7	M25	Y	-9.706	-9.706	0	%100
8	M26	Y	-9.706	-9.706	0	%100
9	M31	Y	-10.74	-10.74	0	%100
10	M42A	Y	-9.706	-9.706	0	%100
11	M44A	Y	-9.706	-9.706	0	%100
12	M44	Y	-5.024	-5.024	0	%100
13	M46A	Y	-5.024	-5.024	0	%100
14	M46B	Y	-9.706	-9.706	0	%100
15	M34A	Y	-9.706	-9.706	0	%100
16	M35	Y	-9.706	-9.706	0	%100
17	M36	Y	-9.706	-9.706	0	%100
18	M38	Y	-10.74	-10.74	0	%100
19	M42	Y	-12.196	-12.196	0	%100
20	M47	Y	-9.706	-9.706	0	%100
21	M48	Y	-29.218	-29.218	0	%100
22	M50	Y	-9.706	-9.706	0	%100
23	M51	Y	-5.024	-5.024	0	%100
24	M53	Y	-5.024	-5.024	0	%100
25	M56	Y	-9.706	-9.706	0	%100
26	M57	Y	-9.706	-9.706	0	%100
27	M59	Y	-10.74	-10.74	0	%100
28	M61	Y	-9.706	-9.706	0	%100
29	M62	Y	-9.706	-9.706	0	%100
30	M64	Y	-5.024	-5.024	0	%100
31	M66	Y	-5.024	-5.024	0	%100
32	M67	Y	-9.706	-9.706	0	%100
33	M68	Y	-9.706	-9.706	0	%100
34	M69	Y	-9.706	-9.706	0	%100
35	M70	Y	-9.706	-9.706	0	%100
36	M79	Y	-10.74	-10.74	0	%100
37	M83	Y	-12.196	-12.196	0	%100
38	M88	Y	-9.706	-9.706	0	%100



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Member Distributed Loads (BLC 40 : Structure Di) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
39	M89	-29.218	-29.218	0	%100
40	M91	-9.706	-9.706	0	%100
41	M92	-5.024	-5.024	0	%100
42	M94	-5.024	-5.024	0	%100
43	M97	-9.706	-9.706	0	%100
44	M98	-9.706	-9.706	0	%100
45	M100	-10.74	-10.74	0	%100
46	M102	-9.706	-9.706	0	%100
47	M103	-9.706	-9.706	0	%100
48	M105	-5.024	-5.024	0	%100
49	M107	-5.024	-5.024	0	%100
50	M108	-9.706	-9.706	0	%100
51	M109	-9.706	-9.706	0	%100
52	M110	-9.706	-9.706	0	%100
53	M111	-9.706	-9.706	0	%100
54	M118	-10.74	-10.74	0	%100
55	M120	-10.74	-10.74	0	%100
56	M121A	-10.74	-10.74	0	%100
57	M126	-10.74	-10.74	0	%100
58	M131	-16.49	-16.49	0	%100
59	M134	-16.49	-16.49	0	%100
60	M148	-8.743	-8.743	0	%100
61	M152B	-12.711	-12.711	0	%100
62	M155	-18.58	-18.58	0	%100
63	M154	-8.743	-8.743	0	%100
64	M157A	-8.743	-8.743	0	%100
65	M162	-18.58	-18.58	0	%100
66	M163	-18.58	-18.58	0	%100
67	M166	-8.743	-8.743	0	%100
68	M167	-8.743	-8.743	0	%100
69	M168	-8.743	-8.743	0	%100
70	M169	-8.743	-8.743	0	%100
71	M170	-8.743	-8.743	0	%100
72	M171	-8.743	-8.743	0	%100
73	M174	-9.706	-9.706	0	%100
74	M177	-9.706	-9.706	0	%100
75	M180	-9.706	-9.706	0	%100
76	M183	-9.706	-9.706	0	%100
77	M186	-9.706	-9.706	0	%100
78	M189	-9.706	-9.706	0	%100
79	M223	-16.49	-16.49	0	%100
80	M226A	-16.49	-16.49	0	%100
81	M228A	-12.711	-12.711	0	%100
82	M232A	-16.49	-16.49	0	%100
83	M235	-16.49	-16.49	0	%100
84	M237	-12.711	-12.711	0	%100
85	M240A	-18.58	-18.58	0	%100
86	M242A	-18.58	-18.58	0	%100
87	M244	-18.58	-18.58	0	%100
88	M246	-18.58	-18.58	0	%100
89	M248	-18.58	-18.58	0	%100
90	MP2A	-9.805	-9.805	0	%100
91	MP3A	-8.743	-8.743	0	%100
92	MP2C	-9.805	-9.805	0	%100
93	MP2B	-9.805	-9.805	0	%100
94	M256	-17.243	-17.243	0	%100
95	M257	-17.243	-17.243	0	%100



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Member Distributed Loads (BLC 40 : Structure Di) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
96	M258	Y	-17.243	-17.243	0	%100
97	M261	Y	-9.805	-9.805	0	%100
98	M264	Y	-9.805	-9.805	0	%100
99	M267	Y	-9.805	-9.805	0	%100
100	M274	Y	-12.711	-12.711	0	%100
101	M275	Y	-12.711	-12.711	0	%100
102	M276	Y	-12.711	-12.711	0	%100
103	MP1A	Y	-8.743	-8.743	0	%100
104	MP4A	Y	-8.743	-8.743	0	%100
105	MP3C	Y	-8.743	-8.743	0	%100
106	MP1C	Y	-8.743	-8.743	0	%100
107	MP4C	Y	-8.743	-8.743	0	%100
108	MP3B	Y	-8.743	-8.743	0	%100
109	MP1B	Y	-8.743	-8.743	0	%100
110	MP4B	Y	-8.743	-8.743	0	%100

Member Distributed Loads (BLC 41 : Structure Wo (0 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M7	X	0	0	0	%100
4	M7	Z	-10.35	-10.35	0	%100
5	M8	X	0	0	0	%100
6	M8	Z	-46.574	-46.574	0	%100
7	M13	X	0	0	0	%100
8	M13	Z	-2.217	-2.217	0	%100
9	M14	X	0	0	0	%100
10	M14	Z	0	0	0	%100
11	M18	X	0	0	0	%100
12	M18	Z	0	0	0	%100
13	M25	X	0	0	0	%100
14	M25	Z	0	0	0	%100
15	M26	X	0	0	0	%100
16	M26	Z	0	0	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	-3.477	-3.477	0	%100
19	M42A	X	0	0	0	%100
20	M42A	Z	-10.35	-10.35	0	%100
21	M44A	X	0	0	0	%100
22	M44A	Z	-2.217	-2.217	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	0	0	0	%100
25	M46A	X	0	0	0	%100
26	M46A	Z	0	0	0	%100
27	M46B	X	0	0	0	%100
28	M46B	Z	-8.955	-8.955	0	%100
29	M34A	X	0	0	0	%100
30	M34A	Z	-2.217	-2.217	0	%100
31	M35	X	0	0	0	%100
32	M35	Z	-2.217	-2.217	0	%100
33	M36	X	0	0	0	%100
34	M36	Z	-8.955	-8.955	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	-3.477	-3.477	0	%100
37	M42	X	0	0	0	%100
38	M42	Z	-7.141	-7.141	0	%100

Member Distributed Loads (BLC 41 : Structure Wo (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
39	M47	X	0	0	0	%100
40	M47	Z	-2.587	-2.587	0	%100
41	M48	X	0	0	0	%100
42	M48	Z	-11.644	-11.644	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	-8.869	-8.869	0	%100
45	M51	X	0	0	0	%100
46	M51	Z	-1.139	-1.139	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	-1.139	-1.139	0	%100
49	M56	X	0	0	0	%100
50	M56	Z	-9.218	-9.218	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-9.218	-9.218	0	%100
53	M59	X	0	0	0	%100
54	M59	Z	-3.477	-3.477	0	%100
55	M61	X	0	0	0	%100
56	M61	Z	-2.587	-2.587	0	%100
57	M62	X	0	0	0	%100
58	M62	Z	-2.217	-2.217	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	-1.139	-1.139	0	%100
61	M66	X	0	0	0	%100
62	M66	Z	-1.139	-1.139	0	%100
63	M67	X	0	0	0	%100
64	M67	Z	-2.239	-2.239	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	-8.869	-8.869	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	-2.217	-2.217	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	-2.239	-2.239	0	%100
71	M79	X	0	0	0	%100
72	M79	Z	-13.908	-13.908	0	%100
73	M83	X	0	0	0	%100
74	M83	Z	-7.141	-7.141	0	%100
75	M88	X	0	0	0	%100
76	M88	Z	-2.587	-2.587	0	%100
77	M89	X	0	0	0	%100
78	M89	Z	-11.644	-11.644	0	%100
79	M91	X	0	0	0	%100
80	M91	Z	-2.217	-2.217	0	%100
81	M92	X	0	0	0	%100
82	M92	Z	-1.139	-1.139	0	%100
83	M94	X	0	0	0	%100
84	M94	Z	-1.139	-1.139	0	%100
85	M97	X	0	0	0	%100
86	M97	Z	-9.218	-9.218	0	%100
87	M98	X	0	0	0	%100
88	M98	Z	-9.218	-9.218	0	%100
89	M100	X	0	0	0	%100
90	M100	Z	-13.908	-13.908	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	-2.587	-2.587	0	%100
93	M103	X	0	0	0	%100
94	M103	Z	-8.869	-8.869	0	%100
95	M105	X	0	0	0	%100



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Member Distributed Loads (BLC 41 : Structure Wo (0 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
96	M105	Z	-1.139	-1.139	0 %100
97	M107	X	0	0	0 %100
98	M107	Z	-1.139	-1.139	0 %100
99	M108	X	0	0	0 %100
100	M108	Z	-2.239	-2.239	0 %100
101	M109	X	0	0	0 %100
102	M109	Z	-2.217	-2.217	0 %100
103	M110	X	0	0	0 %100
104	M110	Z	-8.869	-8.869	0 %100
105	M111	X	0	0	0 %100
106	M111	Z	-2.239	-2.239	0 %100
107	M118	X	0	0	0 %100
108	M118	Z	-15.525	-15.525	0 %100
109	M120	X	0	0	0 %100
110	M120	Z	-3.477	-3.477	0 %100
111	M121A	X	0	0	0 %100
112	M121A	Z	-3.881	-3.881	0 %100
113	M126	X	0	0	0 %100
114	M126	Z	-3.881	-3.881	0 %100
115	M131	X	0	0	0 %100
116	M131	Z	-1.941	-1.941	0 %100
117	M134	X	0	0	0 %100
118	M134	Z	-1.941	-1.941	0 %100
119	M148	X	0	0	0 %100
120	M148	Z	-9.218	-9.218	0 %100
121	M152B	X	0	0	0 %100
122	M152B	Z	-11.374	-11.374	0 %100
123	M155	X	0	0	0 %100
124	M155	Z	-1.861	-1.861	0 %100
125	M154	X	0	0	0 %100
126	M154	Z	-2.304	-2.304	0 %100
127	M157A	X	0	0	0 %100
128	M157A	Z	-2.304	-2.304	0 %100
129	M162	X	0	0	0 %100
130	M162	Z	-6.868	-6.868	0 %100
131	M163	X	0	0	0 %100
132	M163	Z	-6.868	-6.868	0 %100
133	M166	X	0	0	0 %100
134	M166	Z	-8.544	-8.544	0 %100
135	M167	X	0	0	0 %100
136	M167	Z	-2.136	-2.136	0 %100
137	M168	X	0	0	0 %100
138	M168	Z	-2.136	-2.136	0 %100
139	M169	X	0	0	0 %100
140	M169	Z	-9.218	-9.218	0 %100
141	M170	X	0	0	0 %100
142	M170	Z	-2.304	-2.304	0 %100
143	M171	X	0	0	0 %100
144	M171	Z	-2.304	-2.304	0 %100
145	M174	X	0	0	0 %100
146	M174	Z	-9.811	-9.811	0 %100
147	M177	X	0	0	0 %100
148	M177	Z	-9.811	-9.811	0 %100
149	M180	X	0	0	0 %100
150	M180	Z	-2.453	-2.453	0 %100
151	M183	X	0	0	0 %100
152	M183	Z	-2.453	-2.453	0 %100

Member Distributed Loads (BLC 41 : Structure Wo (0 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
153	M186	X	0	0	0	%100
154	M186	Z	-2.453	-2.453	0	%100
155	M189	X	0	0	0	%100
156	M189	Z	-2.453	-2.453	0	%100
157	M223	X	0	0	0	%100
158	M223	Z	-8.207	-8.207	0	%100
159	M226A	X	0	0	0	%100
160	M226A	Z	-8.207	-8.207	0	%100
161	M228A	X	0	0	0	%100
162	M228A	Z	-2.843	-2.843	0	%100
163	M232A	X	0	0	0	%100
164	M232A	Z	-8.207	-8.207	0	%100
165	M235	X	0	0	0	%100
166	M235	Z	-8.207	-8.207	0	%100
167	M237	X	0	0	0	%100
168	M237	Z	-2.843	-2.843	0	%100
169	M240A	X	0	0	0	%100
170	M240A	Z	-1.861	-1.861	0	%100
171	M242A	X	0	0	0	%100
172	M242A	Z	-13.892	-13.892	0	%100
173	M244	X	0	0	0	%100
174	M244	Z	-25.922	-25.922	0	%100
175	M246	X	0	0	0	%100
176	M246	Z	-25.922	-25.922	0	%100
177	M248	X	0	0	0	%100
178	M248	Z	-13.892	-13.892	0	%100
179	MP2A	X	0	0	0	%100
180	MP2A	Z	-11.158	-11.158	0	%100
181	MP3A	X	0	0	0	%100
182	MP3A	Z	-9.218	-9.218	0	%100
183	MP2C	X	0	0	0	%100
184	MP2C	Z	-11.158	-11.158	0	%100
185	MP2B	X	0	0	0	%100
186	MP2B	Z	-11.158	-11.158	0	%100
187	M256	X	0	0	0	%100
188	M256	Z	-15.662	-15.662	0	%100
189	M257	X	0	0	0	%100
190	M257	Z	-17.323	-17.323	0	%100
191	M258	X	0	0	0	%100
192	M258	Z	-17.323	-17.323	0	%100
193	M261	X	0	0	0	%100
194	M261	Z	-11.158	-11.158	0	%100
195	M264	X	0	0	0	%100
196	M264	Z	-2.79	-2.79	0	%100
197	M267	X	0	0	0	%100
198	M267	Z	-2.79	-2.79	0	%100
199	M274	X	0	0	0	%100
200	M274	Z	-3.36	-3.36	0	%100
201	M275	X	0	0	0	%100
202	M275	Z	-3.36	-3.36	0	%100
203	M276	X	0	0	0	%100
204	M276	Z	-13.441	-13.441	0	%100
205	MP1A	X	0	0	0	%100
206	MP1A	Z	-9.218	-9.218	0	%100
207	MP4A	X	0	0	0	%100
208	MP4A	Z	-9.218	-9.218	0	%100
209	MP3C	X	0	0	0	%100



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Member Distributed Loads (BLC 41 : Structure Wo (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
210	MP3C	Z	-9.218	-9.218	0	%100
211	MP1C	X	0	0	0	%100
212	MP1C	Z	-9.218	-9.218	0	%100
213	MP4C	X	0	0	0	%100
214	MP4C	Z	-9.218	-9.218	0	%100
215	MP3B	X	0	0	0	%100
216	MP3B	Z	-9.218	-9.218	0	%100
217	MP1B	X	0	0	0	%100
218	MP1B	Z	-9.218	-9.218	0	%100
219	MP4B	X	0	0	0	%100
220	MP4B	Z	-9.218	-9.218	0	%100

Member Distributed Loads (BLC 42 : Structure Wo (30 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	1.19	1.19	0	%100
2	M1	Z	-2.062	-2.062	0	%100
3	M7	X	3.881	3.881	0	%100
4	M7	Z	-6.722	-6.722	0	%100
5	M8	X	17.465	17.465	0	%100
6	M8	Z	-30.251	-30.251	0	%100
7	M13	X	0	0	0	%100
8	M13	Z	0	0	0	%100
9	M14	X	.19	.19	0	%100
10	M14	Z	-.329	-.329	0	%100
11	M18	X	.19	.19	0	%100
12	M18	Z	-.329	-.329	0	%100
13	M25	X	1.536	1.536	0	%100
14	M25	Z	-2.661	-2.661	0	%100
15	M26	X	1.536	1.536	0	%100
16	M26	Z	-2.661	-2.661	0	%100
17	M31	X	5.215	5.215	0	%100
18	M31	Z	-9.033	-9.033	0	%100
19	M42A	X	3.881	3.881	0	%100
20	M42A	Z	-6.722	-6.722	0	%100
21	M44A	X	3.326	3.326	0	%100
22	M44A	Z	-5.761	-5.761	0	%100
23	M44	X	.19	.19	0	%100
24	M44	Z	-.329	-.329	0	%100
25	M46A	X	.19	.19	0	%100
26	M46A	Z	-.329	-.329	0	%100
27	M46B	X	3.358	3.358	0	%100
28	M46B	Z	-5.817	-5.817	0	%100
29	M34A	X	0	0	0	%100
30	M34A	Z	0	0	0	%100
31	M35	X	3.326	3.326	0	%100
32	M35	Z	-5.761	-5.761	0	%100
33	M36	X	3.358	3.358	0	%100
34	M36	Z	-5.817	-5.817	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	0	0	0	%100
37	M42	X	1.19	1.19	0	%100
38	M42	Z	-2.062	-2.062	0	%100
39	M47	X	3.881	3.881	0	%100
40	M47	Z	-6.722	-6.722	0	%100
41	M48	X	17.465	17.465	0	%100
42	M48	Z	-30.251	-30.251	0	%100



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Member Distributed Loads (BLC 42 : Structure Wo (30 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
43	M50	X	3.326	3.326	0 %100
44	M50	Z	-5.761	-5.761	0 %100
45	M51	X	.19	.19	0 %100
46	M51	Z	-.329	-.329	0 %100
47	M53	X	.19	.19	0 %100
48	M53	Z	-.329	-.329	0 %100
49	M56	X	1.536	1.536	0 %100
50	M56	Z	-2.661	-2.661	0 %100
51	M57	X	1.536	1.536	0 %100
52	M57	Z	-2.661	-2.661	0 %100
53	M59	X	0	0	0 %100
54	M59	Z	0	0	0 %100
55	M61	X	3.881	3.881	0 %100
56	M61	Z	-6.722	-6.722	0 %100
57	M62	X	0	0	0 %100
58	M62	Z	0	0	0 %100
59	M64	X	.19	.19	0 %100
60	M64	Z	-.329	-.329	0 %100
61	M66	X	.19	.19	0 %100
62	M66	Z	-.329	-.329	0 %100
63	M67	X	3.358	3.358	0 %100
64	M67	Z	-5.817	-5.817	0 %100
65	M68	X	3.326	3.326	0 %100
66	M68	Z	-5.761	-5.761	0 %100
67	M69	X	0	0	0 %100
68	M69	Z	0	0	0 %100
69	M70	X	3.358	3.358	0 %100
70	M70	Z	-5.817	-5.817	0 %100
71	M79	X	5.215	5.215	0 %100
72	M79	Z	-9.033	-9.033	0 %100
73	M83	X	4.761	4.761	0 %100
74	M83	Z	-8.246	-8.246	0 %100
75	M88	X	0	0	0 %100
76	M88	Z	0	0	0 %100
77	M89	X	0	0	0 %100
78	M89	Z	0	0	0 %100
79	M91	X	3.326	3.326	0 %100
80	M91	Z	-5.761	-5.761	0 %100
81	M92	X	.759	.759	0 %100
82	M92	Z	-1.315	-1.315	0 %100
83	M94	X	.759	.759	0 %100
84	M94	Z	-1.315	-1.315	0 %100
85	M97	X	6.145	6.145	0 %100
86	M97	Z	-10.644	-10.644	0 %100
87	M98	X	6.145	6.145	0 %100
88	M98	Z	-10.644	-10.644	0 %100
89	M100	X	5.215	5.215	0 %100
90	M100	Z	-9.033	-9.033	0 %100
91	M102	X	0	0	0 %100
92	M102	Z	0	0	0 %100
93	M103	X	3.326	3.326	0 %100
94	M103	Z	-5.761	-5.761	0 %100
95	M105	X	.759	.759	0 %100
96	M105	Z	-1.315	-1.315	0 %100
97	M107	X	.759	.759	0 %100
98	M107	Z	-1.315	-1.315	0 %100
99	M108	X	0	0	0 %100



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Member Distributed Loads (BLC 42 : Structure Wo (30 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
100	M108	Z	0	0	0	%100
101	M109	X	3.326	3.326	0	%100
102	M109	Z	-5.761	-5.761	0	%100
103	M110	X	3.326	3.326	0	%100
104	M110	Z	-5.761	-5.761	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	0	0	0	%100
107	M118	X	5.822	5.822	0	%100
108	M118	Z	-10.084	-10.084	0	%100
109	M120	X	5.215	5.215	0	%100
110	M120	Z	-9.033	-9.033	0	%100
111	M121A	X	5.822	5.822	0	%100
112	M121A	Z	-10.084	-10.084	0	%100
113	M126	X	0	0	0	%100
114	M126	Z	0	0	0	%100
115	M131	X	5.498	5.498	0	%100
116	M131	Z	-9.523	-9.523	0	%100
117	M134	X	5.498	5.498	0	%100
118	M134	Z	-9.523	-9.523	0	%100
119	M148	X	3.457	3.457	0	%100
120	M148	Z	-5.987	-5.987	0	%100
121	M152B	X	4.265	4.265	0	%100
122	M152B	Z	-7.388	-7.388	0	%100
123	M155	X	6.946	6.946	0	%100
124	M155	Z	-12.03	-12.03	0	%100
125	M154	X	3.457	3.457	0	%100
126	M154	Z	-5.987	-5.987	0	%100
127	M157A	X	0	0	0	%100
128	M157A	Z	0	0	0	%100
129	M162	X	10.301	10.301	0	%100
130	M162	Z	-17.842	-17.842	0	%100
131	M163	X	10.301	10.301	0	%100
132	M163	Z	-17.842	-17.842	0	%100
133	M166	X	3.204	3.204	0	%100
134	M166	Z	-5.549	-5.549	0	%100
135	M167	X	3.204	3.204	0	%100
136	M167	Z	-5.549	-5.549	0	%100
137	M168	X	0	0	0	%100
138	M168	Z	0	0	0	%100
139	M169	X	3.457	3.457	0	%100
140	M169	Z	-5.987	-5.987	0	%100
141	M170	X	3.457	3.457	0	%100
142	M170	Z	-5.987	-5.987	0	%100
143	M171	X	0	0	0	%100
144	M171	Z	0	0	0	%100
145	M174	X	3.679	3.679	0	%100
146	M174	Z	-6.372	-6.372	0	%100
147	M177	X	3.679	3.679	0	%100
148	M177	Z	-6.372	-6.372	0	%100
149	M180	X	3.679	3.679	0	%100
150	M180	Z	-6.372	-6.372	0	%100
151	M183	X	3.679	3.679	0	%100
152	M183	Z	-6.372	-6.372	0	%100
153	M186	X	0	0	0	%100
154	M186	Z	0	0	0	%100
155	M189	X	0	0	0	%100
156	M189	Z	0	0	0	%100

Member Distributed Loads (BLC 42 : Structure Wo (30 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
157	M223	X	9.13	9.13	0 %100
158	M223	Z	-15.814	-15.814	0 %100
159	M226A	X	9.13	9.13	0 %100
160	M226A	Z	-15.814	-15.814	0 %100
161	M228A	X	4.265	4.265	0 %100
162	M228A	Z	-7.388	-7.388	0 %100
163	M232A	X	1.59	1.59	0 %100
164	M232A	Z	-2.754	-2.754	0 %100
165	M235	X	1.59	1.59	0 %100
166	M235	Z	-2.754	-2.754	0 %100
167	M237	X	0	0	0 %100
168	M237	Z	0	0	0 %100
169	M240A	X	.931	.931	0 %100
170	M240A	Z	-1.612	-1.612	0 %100
171	M242A	X	.931	.931	0 %100
172	M242A	Z	-1.612	-1.612	0 %100
173	M244	X	6.946	6.946	0 %100
174	M244	Z	-12.03	-12.03	0 %100
175	M246	X	12.961	12.961	0 %100
176	M246	Z	-22.449	-22.449	0 %100
177	M248	X	12.961	12.961	0 %100
178	M248	Z	-22.449	-22.449	0 %100
179	MP2A	X	5.579	5.579	0 %100
180	MP2A	Z	-9.663	-9.663	0 %100
181	MP3A	X	4.609	4.609	0 %100
182	MP3A	Z	-7.983	-7.983	0 %100
183	MP2C	X	5.579	5.579	0 %100
184	MP2C	Z	-9.663	-9.663	0 %100
185	MP2B	X	5.579	5.579	0 %100
186	MP2B	Z	-9.663	-9.663	0 %100
187	M256	X	8.108	8.108	0 %100
188	M256	Z	-14.043	-14.043	0 %100
189	M257	X	8.108	8.108	0 %100
190	M257	Z	-14.043	-14.043	0 %100
191	M258	X	8.938	8.938	0 %100
192	M258	Z	-15.482	-15.482	0 %100
193	M261	X	4.184	4.184	0 %100
194	M261	Z	-7.248	-7.248	0 %100
195	M264	X	4.184	4.184	0 %100
196	M264	Z	-7.248	-7.248	0 %100
197	M267	X	0	0	0 %100
198	M267	Z	0	0	0 %100
199	M274	X	5.04	5.04	0 %100
200	M274	Z	-8.73	-8.73	0 %100
201	M275	X	0	0	0 %100
202	M275	Z	0	0	0 %100
203	M276	X	5.04	5.04	0 %100
204	M276	Z	-8.73	-8.73	0 %100
205	MP1A	X	4.609	4.609	0 %100
206	MP1A	Z	-7.983	-7.983	0 %100
207	MP4A	X	4.609	4.609	0 %100
208	MP4A	Z	-7.983	-7.983	0 %100
209	MP3C	X	4.609	4.609	0 %100
210	MP3C	Z	-7.983	-7.983	0 %100
211	MP1C	X	4.609	4.609	0 %100
212	MP1C	Z	-7.983	-7.983	0 %100
213	MP4C	X	4.609	4.609	0 %100



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Member Distributed Loads (BLC 42 : Structure Wo (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
214	MP4C	Z	-7.983	-7.983	0	%100
215	MP3B	X	4.609	4.609	0	%100
216	MP3B	Z	-7.983	-7.983	0	%100
217	MP1B	X	4.609	4.609	0	%100
218	MP1B	Z	-7.983	-7.983	0	%100
219	MP4B	X	4.609	4.609	0	%100
220	MP4B	Z	-7.983	-7.983	0	%100

Member Distributed Loads (BLC 43 : Structure Wo (60 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	6.185	6.185	0	%100
2	M1	Z	-3.571	-3.571	0	%100
3	M7	X	2.241	2.241	0	%100
4	M7	Z	-1.294	-1.294	0	%100
5	M8	X	10.084	10.084	0	%100
6	M8	Z	-5.822	-5.822	0	%100
7	M13	X	1.92	1.92	0	%100
8	M13	Z	-1.109	-1.109	0	%100
9	M14	X	.986	.986	0	%100
10	M14	Z	-.569	-.569	0	%100
11	M18	X	.986	.986	0	%100
12	M18	Z	-.569	-.569	0	%100
13	M25	X	7.983	7.983	0	%100
14	M25	Z	-4.609	-4.609	0	%100
15	M26	X	7.983	7.983	0	%100
16	M26	Z	-4.609	-4.609	0	%100
17	M31	X	12.044	12.044	0	%100
18	M31	Z	-6.954	-6.954	0	%100
19	M42A	X	2.241	2.241	0	%100
20	M42A	Z	-1.294	-1.294	0	%100
21	M44A	X	7.681	7.681	0	%100
22	M44A	Z	-4.435	-4.435	0	%100
23	M44	X	.986	.986	0	%100
24	M44	Z	-.569	-.569	0	%100
25	M46A	X	.986	.986	0	%100
26	M46A	Z	-.569	-.569	0	%100
27	M46B	X	1.939	1.939	0	%100
28	M46B	Z	-1.119	-1.119	0	%100
29	M34A	X	1.92	1.92	0	%100
30	M34A	Z	-1.109	-1.109	0	%100
31	M35	X	7.681	7.681	0	%100
32	M35	Z	-4.435	-4.435	0	%100
33	M36	X	1.939	1.939	0	%100
34	M36	Z	-1.119	-1.119	0	%100
35	M38	X	3.011	3.011	0	%100
36	M38	Z	-1.738	-1.738	0	%100
37	M42	X	0	0	0	%100
38	M42	Z	0	0	0	%100
39	M47	X	8.963	8.963	0	%100
40	M47	Z	-5.175	-5.175	0	%100
41	M48	X	40.334	40.334	0	%100
42	M48	Z	-23.287	-23.287	0	%100
43	M50	X	1.92	1.92	0	%100
44	M50	Z	-1.109	-1.109	0	%100
45	M51	X	0	0	0	%100
46	M51	Z	0	0	0	%100



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Member Distributed Loads (BLC 43 : Structure Wo (60 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
47	M53	X	0	0	0	%100
48	M53	Z	0	0	0	%100
49	M56	X	0	0	0	%100
50	M56	Z	0	0	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M59	X	3.011	3.011	0	%100
54	M59	Z	-1.738	-1.738	0	%100
55	M61	X	8.963	8.963	0	%100
56	M61	Z	-5.175	-5.175	0	%100
57	M62	X	1.92	1.92	0	%100
58	M62	Z	-1.109	-1.109	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M66	X	0	0	0	%100
62	M66	Z	0	0	0	%100
63	M67	X	7.755	7.755	0	%100
64	M67	Z	-4.478	-4.478	0	%100
65	M68	X	1.92	1.92	0	%100
66	M68	Z	-1.109	-1.109	0	%100
67	M69	X	1.92	1.92	0	%100
68	M69	Z	-1.109	-1.109	0	%100
69	M70	X	7.755	7.755	0	%100
70	M70	Z	-4.478	-4.478	0	%100
71	M79	X	3.011	3.011	0	%100
72	M79	Z	-1.738	-1.738	0	%100
73	M83	X	6.185	6.185	0	%100
74	M83	Z	-3.571	-3.571	0	%100
75	M88	X	2.241	2.241	0	%100
76	M88	Z	-1.294	-1.294	0	%100
77	M89	X	10.084	10.084	0	%100
78	M89	Z	-5.822	-5.822	0	%100
79	M91	X	7.681	7.681	0	%100
80	M91	Z	-4.435	-4.435	0	%100
81	M92	X	.986	.986	0	%100
82	M92	Z	-.569	-.569	0	%100
83	M94	X	.986	.986	0	%100
84	M94	Z	-.569	-.569	0	%100
85	M97	X	7.983	7.983	0	%100
86	M97	Z	-4.609	-4.609	0	%100
87	M98	X	7.983	7.983	0	%100
88	M98	Z	-4.609	-4.609	0	%100
89	M100	X	3.011	3.011	0	%100
90	M100	Z	-1.738	-1.738	0	%100
91	M102	X	2.241	2.241	0	%100
92	M102	Z	-1.294	-1.294	0	%100
93	M103	X	1.92	1.92	0	%100
94	M103	Z	-1.109	-1.109	0	%100
95	M105	X	.986	.986	0	%100
96	M105	Z	-.569	-.569	0	%100
97	M107	X	.986	.986	0	%100
98	M107	Z	-.569	-.569	0	%100
99	M108	X	1.939	1.939	0	%100
100	M108	Z	-1.119	-1.119	0	%100
101	M109	X	7.681	7.681	0	%100
102	M109	Z	-4.435	-4.435	0	%100
103	M110	X	1.92	1.92	0	%100



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Member Distributed Loads (BLC 43 : Structure Wo (60 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
104	M110	Z	-1.109	-1.109	0 %100
105	M111	X	1.939	1.939	0 %100
106	M111	Z	-1.119	-1.119	0 %100
107	M118	X	3.361	3.361	0 %100
108	M118	Z	-1.941	-1.941	0 %100
109	M120	X	12.044	12.044	0 %100
110	M120	Z	-6.954	-6.954	0 %100
111	M121A	X	13.445	13.445	0 %100
112	M121A	Z	-7.762	-7.762	0 %100
113	M126	X	3.361	3.361	0 %100
114	M126	Z	-1.941	-1.941	0 %100
115	M131	X	25.209	25.209	0 %100
116	M131	Z	-14.554	-14.554	0 %100
117	M134	X	25.209	25.209	0 %100
118	M134	Z	-14.554	-14.554	0 %100
119	M148	X	1.996	1.996	0 %100
120	M148	Z	-1.152	-1.152	0 %100
121	M152B	X	2.463	2.463	0 %100
122	M152B	Z	-1.422	-1.422	0 %100
123	M155	X	22.449	22.449	0 %100
124	M155	Z	-12.961	-12.961	0 %100
125	M154	X	7.983	7.983	0 %100
126	M154	Z	-4.609	-4.609	0 %100
127	M157A	X	1.996	1.996	0 %100
128	M157A	Z	-1.152	-1.152	0 %100
129	M162	X	23.79	23.79	0 %100
130	M162	Z	-13.735	-13.735	0 %100
131	M163	X	23.79	23.79	0 %100
132	M163	Z	-13.735	-13.735	0 %100
133	M166	X	1.85	1.85	0 %100
134	M166	Z	-1.068	-1.068	0 %100
135	M167	X	7.399	7.399	0 %100
136	M167	Z	-4.272	-4.272	0 %100
137	M168	X	1.85	1.85	0 %100
138	M168	Z	-1.068	-1.068	0 %100
139	M169	X	1.996	1.996	0 %100
140	M169	Z	-1.152	-1.152	0 %100
141	M170	X	7.983	7.983	0 %100
142	M170	Z	-4.609	-4.609	0 %100
143	M171	X	1.996	1.996	0 %100
144	M171	Z	-1.152	-1.152	0 %100
145	M174	X	2.124	2.124	0 %100
146	M174	Z	-1.226	-1.226	0 %100
147	M177	X	2.124	2.124	0 %100
148	M177	Z	-1.226	-1.226	0 %100
149	M180	X	8.496	8.496	0 %100
150	M180	Z	-4.905	-4.905	0 %100
151	M183	X	8.496	8.496	0 %100
152	M183	Z	-4.905	-4.905	0 %100
153	M186	X	2.124	2.124	0 %100
154	M186	Z	-1.226	-1.226	0 %100
155	M189	X	2.124	2.124	0 %100
156	M189	Z	-1.226	-1.226	0 %100
157	M223	X	20.167	20.167	0 %100
158	M223	Z	-11.644	-11.644	0 %100
159	M226A	X	20.167	20.167	0 %100
160	M226A	Z	-11.644	-11.644	0 %100



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Member Distributed Loads (BLC 43 : Structure Wo (60 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
161	M228A	X	9.85	9.85	0 %100
162	M228A	Z	-5.687	-5.687	0 %100
163	M232A	X	7.108	7.108	0 %100
164	M232A	Z	-4.104	-4.104	0 %100
165	M235	X	7.108	7.108	0 %100
166	M235	Z	-4.104	-4.104	0 %100
167	M237	X	2.463	2.463	0 %100
168	M237	Z	-1.422	-1.422	0 %100
169	M240A	X	12.03	12.03	0 %100
170	M240A	Z	-6.946	-6.946	0 %100
171	M242A	X	1.612	1.612	0 %100
172	M242A	Z	-.931	-.931	0 %100
173	M244	X	1.612	1.612	0 %100
174	M244	Z	-.931	-.931	0 %100
175	M246	X	12.03	12.03	0 %100
176	M246	Z	-6.946	-6.946	0 %100
177	M248	X	22.449	22.449	0 %100
178	M248	Z	-12.961	-12.961	0 %100
179	MP2A	X	9.663	9.663	0 %100
180	MP2A	Z	-5.579	-5.579	0 %100
181	MP3A	X	7.983	7.983	0 %100
182	MP3A	Z	-4.609	-4.609	0 %100
183	MP2C	X	9.663	9.663	0 %100
184	MP2C	Z	-5.579	-5.579	0 %100
185	MP2B	X	9.663	9.663	0 %100
186	MP2B	Z	-5.579	-5.579	0 %100
187	M256	X	15.002	15.002	0 %100
188	M256	Z	-8.661	-8.661	0 %100
189	M257	X	13.563	13.563	0 %100
190	M257	Z	-7.831	-7.831	0 %100
191	M258	X	15.002	15.002	0 %100
192	M258	Z	-8.661	-8.661	0 %100
193	M261	X	2.416	2.416	0 %100
194	M261	Z	-1.395	-1.395	0 %100
195	M264	X	9.663	9.663	0 %100
196	M264	Z	-5.579	-5.579	0 %100
197	M267	X	2.416	2.416	0 %100
198	M267	Z	-1.395	-1.395	0 %100
199	M274	X	11.64	11.64	0 %100
200	M274	Z	-6.72	-6.72	0 %100
201	M275	X	2.91	2.91	0 %100
202	M275	Z	-1.68	-1.68	0 %100
203	M276	X	2.91	2.91	0 %100
204	M276	Z	-1.68	-1.68	0 %100
205	MP1A	X	7.983	7.983	0 %100
206	MP1A	Z	-4.609	-4.609	0 %100
207	MP4A	X	7.983	7.983	0 %100
208	MP4A	Z	-4.609	-4.609	0 %100
209	MP3C	X	7.983	7.983	0 %100
210	MP3C	Z	-4.609	-4.609	0 %100
211	MP1C	X	7.983	7.983	0 %100
212	MP1C	Z	-4.609	-4.609	0 %100
213	MP4C	X	7.983	7.983	0 %100
214	MP4C	Z	-4.609	-4.609	0 %100
215	MP3B	X	7.983	7.983	0 %100
216	MP3B	Z	-4.609	-4.609	0 %100
217	MP1B	X	7.983	7.983	0 %100



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Member Distributed Loads (BLC 43 : Structure Wo (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
218	MP1B	Z	-4.609	-4.609	0	%100
219	MP4B	X	7.983	7.983	0	%100
220	MP4B	Z	-4.609	-4.609	0	%100

Member Distributed Loads (BLC 44 : Structure Wo (90 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	9.522	9.522	0	%100
2	M1	Z	0	0	0	%100
3	M7	X	0	0	0	%100
4	M7	Z	0	0	0	%100
5	M8	X	0	0	0	%100
6	M8	Z	0	0	0	%100
7	M13	X	6.652	6.652	0	%100
8	M13	Z	0	0	0	%100
9	M14	X	1.518	1.518	0	%100
10	M14	Z	0	0	0	%100
11	M18	X	1.518	1.518	0	%100
12	M18	Z	0	0	0	%100
13	M25	X	12.29	12.29	0	%100
14	M25	Z	0	0	0	%100
15	M26	X	12.29	12.29	0	%100
16	M26	Z	0	0	0	%100
17	M31	X	10.431	10.431	0	%100
18	M31	Z	0	0	0	%100
19	M42A	X	0	0	0	%100
20	M42A	Z	0	0	0	%100
21	M44A	X	6.652	6.652	0	%100
22	M44A	Z	0	0	0	%100
23	M44	X	1.518	1.518	0	%100
24	M44	Z	0	0	0	%100
25	M46A	X	1.518	1.518	0	%100
26	M46A	Z	0	0	0	%100
27	M46B	X	0	0	0	%100
28	M46B	Z	0	0	0	%100
29	M34A	X	6.652	6.652	0	%100
30	M34A	Z	0	0	0	%100
31	M35	X	6.652	6.652	0	%100
32	M35	Z	0	0	0	%100
33	M36	X	0	0	0	%100
34	M36	Z	0	0	0	%100
35	M38	X	10.431	10.431	0	%100
36	M38	Z	0	0	0	%100
37	M42	X	2.38	2.38	0	%100
38	M42	Z	0	0	0	%100
39	M47	X	7.762	7.762	0	%100
40	M47	Z	0	0	0	%100
41	M48	X	34.931	34.931	0	%100
42	M48	Z	0	0	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	0	0	0	%100
45	M51	X	.38	.38	0	%100
46	M51	Z	0	0	0	%100
47	M53	X	.38	.38	0	%100
48	M53	Z	0	0	0	%100
49	M56	X	3.073	3.073	0	%100
50	M56	Z	0	0	0	%100



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Member Distributed Loads (BLC 44 : Structure Wo (90 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
51	M57	X	3.073	3.073	0 %100
52	M57	Z	0	0	0 %100
53	M59	X	10.431	10.431	0 %100
54	M59	Z	0	0	0 %100
55	M61	X	7.762	7.762	0 %100
56	M61	Z	0	0	0 %100
57	M62	X	6.652	6.652	0 %100
58	M62	Z	0	0	0 %100
59	M64	X	.38	.38	0 %100
60	M64	Z	0	0	0 %100
61	M66	X	.38	.38	0 %100
62	M66	Z	0	0	0 %100
63	M67	X	6.716	6.716	0 %100
64	M67	Z	0	0	0 %100
65	M68	X	0	0	0 %100
66	M68	Z	0	0	0 %100
67	M69	X	6.652	6.652	0 %100
68	M69	Z	0	0	0 %100
69	M70	X	6.716	6.716	0 %100
70	M70	Z	0	0	0 %100
71	M79	X	0	0	0 %100
72	M79	Z	0	0	0 %100
73	M83	X	2.38	2.38	0 %100
74	M83	Z	0	0	0 %100
75	M88	X	7.762	7.762	0 %100
76	M88	Z	0	0	0 %100
77	M89	X	34.931	34.931	0 %100
78	M89	Z	0	0	0 %100
79	M91	X	6.652	6.652	0 %100
80	M91	Z	0	0	0 %100
81	M92	X	.38	.38	0 %100
82	M92	Z	0	0	0 %100
83	M94	X	.38	.38	0 %100
84	M94	Z	0	0	0 %100
85	M97	X	3.073	3.073	0 %100
86	M97	Z	0	0	0 %100
87	M98	X	3.073	3.073	0 %100
88	M98	Z	0	0	0 %100
89	M100	X	0	0	0 %100
90	M100	Z	0	0	0 %100
91	M102	X	7.762	7.762	0 %100
92	M102	Z	0	0	0 %100
93	M103	X	0	0	0 %100
94	M103	Z	0	0	0 %100
95	M105	X	.38	.38	0 %100
96	M105	Z	0	0	0 %100
97	M107	X	.38	.38	0 %100
98	M107	Z	0	0	0 %100
99	M108	X	6.716	6.716	0 %100
100	M108	Z	0	0	0 %100
101	M109	X	6.652	6.652	0 %100
102	M109	Z	0	0	0 %100
103	M110	X	0	0	0 %100
104	M110	Z	0	0	0 %100
105	M111	X	6.716	6.716	0 %100
106	M111	Z	0	0	0 %100
107	M118	X	0	0	0 %100



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Member Distributed Loads (BLC 44 : Structure Wo (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
108	M118	Z	0	0	0	%100
109	M120	X	10.431	10.431	0	%100
110	M120	Z	0	0	0	%100
111	M121A	X	11.644	11.644	0	%100
112	M121A	Z	0	0	0	%100
113	M126	X	11.644	11.644	0	%100
114	M126	Z	0	0	0	%100
115	M131	X	38.165	38.165	0	%100
116	M131	Z	0	0	0	%100
117	M134	X	38.165	38.165	0	%100
118	M134	Z	0	0	0	%100
119	M148	X	0	0	0	%100
120	M148	Z	0	0	0	%100
121	M152B	X	0	0	0	%100
122	M152B	Z	0	0	0	%100
123	M155	X	25.922	25.922	0	%100
124	M155	Z	0	0	0	%100
125	M154	X	6.913	6.913	0	%100
126	M154	Z	0	0	0	%100
127	M157A	X	6.913	6.913	0	%100
128	M157A	Z	0	0	0	%100
129	M162	X	20.603	20.603	0	%100
130	M162	Z	0	0	0	%100
131	M163	X	20.603	20.603	0	%100
132	M163	Z	0	0	0	%100
133	M166	X	0	0	0	%100
134	M166	Z	0	0	0	%100
135	M167	X	6.408	6.408	0	%100
136	M167	Z	0	0	0	%100
137	M168	X	6.408	6.408	0	%100
138	M168	Z	0	0	0	%100
139	M169	X	0	0	0	%100
140	M169	Z	0	0	0	%100
141	M170	X	6.913	6.913	0	%100
142	M170	Z	0	0	0	%100
143	M171	X	6.913	6.913	0	%100
144	M171	Z	0	0	0	%100
145	M174	X	0	0	0	%100
146	M174	Z	0	0	0	%100
147	M177	X	0	0	0	%100
148	M177	Z	0	0	0	%100
149	M180	X	7.358	7.358	0	%100
150	M180	Z	0	0	0	%100
151	M183	X	7.358	7.358	0	%100
152	M183	Z	0	0	0	%100
153	M186	X	7.358	7.358	0	%100
154	M186	Z	0	0	0	%100
155	M189	X	7.358	7.358	0	%100
156	M189	Z	0	0	0	%100
157	M223	X	18.26	18.26	0	%100
158	M223	Z	0	0	0	%100
159	M226A	X	18.26	18.26	0	%100
160	M226A	Z	0	0	0	%100
161	M228A	X	8.53	8.53	0	%100
162	M228A	Z	0	0	0	%100
163	M232A	X	18.26	18.26	0	%100
164	M232A	Z	0	0	0	%100

Member Distributed Loads (BLC 44 : Structure Wo (90 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
165	M235	X	18.26	18.26	0 %100
166	M235	Z	0	0	0 %100
167	M237	X	8.53	8.53	0 %100
168	M237	Z	0	0	0 %100
169	M240A	X	25.922	25.922	0 %100
170	M240A	Z	0	0	0 %100
171	M242A	X	13.892	13.892	0 %100
172	M242A	Z	0	0	0 %100
173	M244	X	1.861	1.861	0 %100
174	M244	Z	0	0	0 %100
175	M246	X	1.861	1.861	0 %100
176	M246	Z	0	0	0 %100
177	M248	X	13.892	13.892	0 %100
178	M248	Z	0	0	0 %100
179	MP2A	X	11.158	11.158	0 %100
180	MP2A	Z	0	0	0 %100
181	MP3A	X	9.218	9.218	0 %100
182	MP3A	Z	0	0	0 %100
183	MP2C	X	11.158	11.158	0 %100
184	MP2C	Z	0	0	0 %100
185	MP2B	X	11.158	11.158	0 %100
186	MP2B	Z	0	0	0 %100
187	M256	X	17.877	17.877	0 %100
188	M256	Z	0	0	0 %100
189	M257	X	16.215	16.215	0 %100
190	M257	Z	0	0	0 %100
191	M258	X	16.215	16.215	0 %100
192	M258	Z	0	0	0 %100
193	M261	X	0	0	0 %100
194	M261	Z	0	0	0 %100
195	M264	X	8.369	8.369	0 %100
196	M264	Z	0	0	0 %100
197	M267	X	8.369	8.369	0 %100
198	M267	Z	0	0	0 %100
199	M274	X	10.081	10.081	0 %100
200	M274	Z	0	0	0 %100
201	M275	X	10.081	10.081	0 %100
202	M275	Z	0	0	0 %100
203	M276	X	0	0	0 %100
204	M276	Z	0	0	0 %100
205	MP1A	X	9.218	9.218	0 %100
206	MP1A	Z	0	0	0 %100
207	MP4A	X	9.218	9.218	0 %100
208	MP4A	Z	0	0	0 %100
209	MP3C	X	9.218	9.218	0 %100
210	MP3C	Z	0	0	0 %100
211	MP1C	X	9.218	9.218	0 %100
212	MP1C	Z	0	0	0 %100
213	MP4C	X	9.218	9.218	0 %100
214	MP4C	Z	0	0	0 %100
215	MP3B	X	9.218	9.218	0 %100
216	MP3B	Z	0	0	0 %100
217	MP1B	X	9.218	9.218	0 %100
218	MP1B	Z	0	0	0 %100
219	MP4B	X	9.218	9.218	0 %100
220	MP4B	Z	0	0	0 %100



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Member Distributed Loads (BLC 45 : Structure Wo (120 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	6.185	6.185	0	%100
2	M1	Z	3.571	3.571	0	%100
3	M7	X	2.241	2.241	0	%100
4	M7	Z	1.294	1.294	0	%100
5	M8	X	10.084	10.084	0	%100
6	M8	Z	5.822	5.822	0	%100
7	M13	X	7.681	7.681	0	%100
8	M13	Z	4.435	4.435	0	%100
9	M14	X	.986	.986	0	%100
10	M14	Z	.569	.569	0	%100
11	M18	X	.986	.986	0	%100
12	M18	Z	.569	.569	0	%100
13	M25	X	7.983	7.983	0	%100
14	M25	Z	4.609	4.609	0	%100
15	M26	X	7.983	7.983	0	%100
16	M26	Z	4.609	4.609	0	%100
17	M31	X	3.011	3.011	0	%100
18	M31	Z	1.738	1.738	0	%100
19	M42A	X	2.241	2.241	0	%100
20	M42A	Z	1.294	1.294	0	%100
21	M44A	X	1.92	1.92	0	%100
22	M44A	Z	1.109	1.109	0	%100
23	M44	X	.986	.986	0	%100
24	M44	Z	.569	.569	0	%100
25	M46A	X	.986	.986	0	%100
26	M46A	Z	.569	.569	0	%100
27	M46B	X	1.939	1.939	0	%100
28	M46B	Z	1.119	1.119	0	%100
29	M34A	X	7.681	7.681	0	%100
30	M34A	Z	4.435	4.435	0	%100
31	M35	X	1.92	1.92	0	%100
32	M35	Z	1.109	1.109	0	%100
33	M36	X	1.939	1.939	0	%100
34	M36	Z	1.119	1.119	0	%100
35	M38	X	12.044	12.044	0	%100
36	M38	Z	6.954	6.954	0	%100
37	M42	X	6.185	6.185	0	%100
38	M42	Z	3.571	3.571	0	%100
39	M47	X	2.241	2.241	0	%100
40	M47	Z	1.294	1.294	0	%100
41	M48	X	10.084	10.084	0	%100
42	M48	Z	5.822	5.822	0	%100
43	M50	X	1.92	1.92	0	%100
44	M50	Z	1.109	1.109	0	%100
45	M51	X	.986	.986	0	%100
46	M51	Z	.569	.569	0	%100
47	M53	X	.986	.986	0	%100
48	M53	Z	.569	.569	0	%100
49	M56	X	7.983	7.983	0	%100
50	M56	Z	4.609	4.609	0	%100
51	M57	X	7.983	7.983	0	%100
52	M57	Z	4.609	4.609	0	%100
53	M59	X	12.044	12.044	0	%100
54	M59	Z	6.954	6.954	0	%100
55	M61	X	2.241	2.241	0	%100
56	M61	Z	1.294	1.294	0	%100
57	M62	X	7.681	7.681	0	%100



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Member Distributed Loads (BLC 45 : Structure Wo (120 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
58	M62	Z	4.435	4.435	0 %100
59	M64	X	.986	.986	0 %100
60	M64	Z	.569	.569	0 %100
61	M66	X	.986	.986	0 %100
62	M66	Z	.569	.569	0 %100
63	M67	X	1.939	1.939	0 %100
64	M67	Z	1.119	1.119	0 %100
65	M68	X	1.92	1.92	0 %100
66	M68	Z	1.109	1.109	0 %100
67	M69	X	7.681	7.681	0 %100
68	M69	Z	4.435	4.435	0 %100
69	M70	X	1.939	1.939	0 %100
70	M70	Z	1.119	1.119	0 %100
71	M79	X	3.011	3.011	0 %100
72	M79	Z	1.738	1.738	0 %100
73	M83	X	0	0	0 %100
74	M83	Z	0	0	0 %100
75	M88	X	8.963	8.963	0 %100
76	M88	Z	5.175	5.175	0 %100
77	M89	X	40.334	40.334	0 %100
78	M89	Z	23.287	23.287	0 %100
79	M91	X	1.92	1.92	0 %100
80	M91	Z	1.109	1.109	0 %100
81	M92	X	0	0	0 %100
82	M92	Z	0	0	0 %100
83	M94	X	0	0	0 %100
84	M94	Z	0	0	0 %100
85	M97	X	0	0	0 %100
86	M97	Z	0	0	0 %100
87	M98	X	0	0	0 %100
88	M98	Z	0	0	0 %100
89	M100	X	3.011	3.011	0 %100
90	M100	Z	1.738	1.738	0 %100
91	M102	X	8.963	8.963	0 %100
92	M102	Z	5.175	5.175	0 %100
93	M103	X	1.92	1.92	0 %100
94	M103	Z	1.109	1.109	0 %100
95	M105	X	0	0	0 %100
96	M105	Z	0	0	0 %100
97	M107	X	0	0	0 %100
98	M107	Z	0	0	0 %100
99	M108	X	7.755	7.755	0 %100
100	M108	Z	4.478	4.478	0 %100
101	M109	X	1.92	1.92	0 %100
102	M109	Z	1.109	1.109	0 %100
103	M110	X	1.92	1.92	0 %100
104	M110	Z	1.109	1.109	0 %100
105	M111	X	7.755	7.755	0 %100
106	M111	Z	4.478	4.478	0 %100
107	M118	X	3.361	3.361	0 %100
108	M118	Z	1.941	1.941	0 %100
109	M120	X	3.011	3.011	0 %100
110	M120	Z	1.738	1.738	0 %100
111	M121A	X	3.361	3.361	0 %100
112	M121A	Z	1.941	1.941	0 %100
113	M126	X	13.445	13.445	0 %100
114	M126	Z	7.762	7.762	0 %100

Member Distributed Loads (BLC 45 : Structure Wo (120 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
115	M131	X	25.209	25.209	0 %100
116	M131	Z	14.554	14.554	0 %100
117	M134	X	25.209	25.209	0 %100
118	M134	Z	14.554	14.554	0 %100
119	M148	X	1.996	1.996	0 %100
120	M148	Z	1.152	1.152	0 %100
121	M152B	X	2.463	2.463	0 %100
122	M152B	Z	1.422	1.422	0 %100
123	M155	X	12.03	12.03	0 %100
124	M155	Z	6.946	6.946	0 %100
125	M154	X	1.996	1.996	0 %100
126	M154	Z	1.152	1.152	0 %100
127	M157A	X	7.983	7.983	0 %100
128	M157A	Z	4.609	4.609	0 %100
129	M162	X	5.947	5.947	0 %100
130	M162	Z	3.434	3.434	0 %100
131	M163	X	5.947	5.947	0 %100
132	M163	Z	3.434	3.434	0 %100
133	M166	X	1.85	1.85	0 %100
134	M166	Z	1.068	1.068	0 %100
135	M167	X	1.85	1.85	0 %100
136	M167	Z	1.068	1.068	0 %100
137	M168	X	7.399	7.399	0 %100
138	M168	Z	4.272	4.272	0 %100
139	M169	X	1.996	1.996	0 %100
140	M169	Z	1.152	1.152	0 %100
141	M170	X	1.996	1.996	0 %100
142	M170	Z	1.152	1.152	0 %100
143	M171	X	7.983	7.983	0 %100
144	M171	Z	4.609	4.609	0 %100
145	M174	X	2.124	2.124	0 %100
146	M174	Z	1.226	1.226	0 %100
147	M177	X	2.124	2.124	0 %100
148	M177	Z	1.226	1.226	0 %100
149	M180	X	2.124	2.124	0 %100
150	M180	Z	1.226	1.226	0 %100
151	M183	X	2.124	2.124	0 %100
152	M183	Z	1.226	1.226	0 %100
153	M186	X	8.496	8.496	0 %100
154	M186	Z	4.905	4.905	0 %100
155	M189	X	8.496	8.496	0 %100
156	M189	Z	4.905	4.905	0 %100
157	M223	X	7.108	7.108	0 %100
158	M223	Z	4.104	4.104	0 %100
159	M226A	X	7.108	7.108	0 %100
160	M226A	Z	4.104	4.104	0 %100
161	M228A	X	2.463	2.463	0 %100
162	M228A	Z	1.422	1.422	0 %100
163	M232A	X	20.167	20.167	0 %100
164	M232A	Z	11.644	11.644	0 %100
165	M235	X	20.167	20.167	0 %100
166	M235	Z	11.644	11.644	0 %100
167	M237	X	9.85	9.85	0 %100
168	M237	Z	5.687	5.687	0 %100
169	M240A	X	22.449	22.449	0 %100
170	M240A	Z	12.961	12.961	0 %100
171	M242A	X	22.449	22.449	0 %100

Member Distributed Loads (BLC 45 : Structure Wo (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
172	M242A	Z	12.961	12.961	0	%100
173	M244	X	12.03	12.03	0	%100
174	M244	Z	6.946	6.946	0	%100
175	M246	X	1.612	1.612	0	%100
176	M246	Z	.931	.931	0	%100
177	M248	X	1.612	1.612	0	%100
178	M248	Z	.931	.931	0	%100
179	MP2A	X	9.663	9.663	0	%100
180	MP2A	Z	5.579	5.579	0	%100
181	MP3A	X	7.983	7.983	0	%100
182	MP3A	Z	4.609	4.609	0	%100
183	MP2C	X	9.663	9.663	0	%100
184	MP2C	Z	5.579	5.579	0	%100
185	MP2B	X	9.663	9.663	0	%100
186	MP2B	Z	5.579	5.579	0	%100
187	M256	X	15.002	15.002	0	%100
188	M256	Z	8.661	8.661	0	%100
189	M257	X	15.002	15.002	0	%100
190	M257	Z	8.661	8.661	0	%100
191	M258	X	13.563	13.563	0	%100
192	M258	Z	7.831	7.831	0	%100
193	M261	X	2.416	2.416	0	%100
194	M261	Z	1.395	1.395	0	%100
195	M264	X	2.416	2.416	0	%100
196	M264	Z	1.395	1.395	0	%100
197	M267	X	9.663	9.663	0	%100
198	M267	Z	5.579	5.579	0	%100
199	M274	X	2.91	2.91	0	%100
200	M274	Z	1.68	1.68	0	%100
201	M275	X	11.64	11.64	0	%100
202	M275	Z	6.72	6.72	0	%100
203	M276	X	2.91	2.91	0	%100
204	M276	Z	1.68	1.68	0	%100
205	MP1A	X	7.983	7.983	0	%100
206	MP1A	Z	4.609	4.609	0	%100
207	MP4A	X	7.983	7.983	0	%100
208	MP4A	Z	4.609	4.609	0	%100
209	MP3C	X	7.983	7.983	0	%100
210	MP3C	Z	4.609	4.609	0	%100
211	MP1C	X	7.983	7.983	0	%100
212	MP1C	Z	4.609	4.609	0	%100
213	MP4C	X	7.983	7.983	0	%100
214	MP4C	Z	4.609	4.609	0	%100
215	MP3B	X	7.983	7.983	0	%100
216	MP3B	Z	4.609	4.609	0	%100
217	MP1B	X	7.983	7.983	0	%100
218	MP1B	Z	4.609	4.609	0	%100
219	MP4B	X	7.983	7.983	0	%100
220	MP4B	Z	4.609	4.609	0	%100

Member Distributed Loads (BLC 46 : Structure Wo (150 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
1	M1	X	1.19	1.19	0	%100
2	M1	Z	2.062	2.062	0	%100
3	M7	X	3.881	3.881	0	%100
4	M7	Z	6.722	6.722	0	%100



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Member Distributed Loads (BLC 46 : Structure Wo (150 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
5	M8	X	17.465	17.465	0 %100
6	M8	Z	30.251	30.251	0 %100
7	M13	X	3.326	3.326	0 %100
8	M13	Z	5.761	5.761	0 %100
9	M14	X	.19	.19	0 %100
10	M14	Z	.329	.329	0 %100
11	M18	X	.19	.19	0 %100
12	M18	Z	.329	.329	0 %100
13	M25	X	1.536	1.536	0 %100
14	M25	Z	2.661	2.661	0 %100
15	M26	X	1.536	1.536	0 %100
16	M26	Z	2.661	2.661	0 %100
17	M31	X	0	0	0 %100
18	M31	Z	0	0	0 %100
19	M42A	X	3.881	3.881	0 %100
20	M42A	Z	6.722	6.722	0 %100
21	M44A	X	0	0	0 %100
22	M44A	Z	0	0	0 %100
23	M44	X	.19	.19	0 %100
24	M44	Z	.329	.329	0 %100
25	M46A	X	.19	.19	0 %100
26	M46A	Z	.329	.329	0 %100
27	M46B	X	3.358	3.358	0 %100
28	M46B	Z	5.817	5.817	0 %100
29	M34A	X	3.326	3.326	0 %100
30	M34A	Z	5.761	5.761	0 %100
31	M35	X	0	0	0 %100
32	M35	Z	0	0	0 %100
33	M36	X	3.358	3.358	0 %100
34	M36	Z	5.817	5.817	0 %100
35	M38	X	5.215	5.215	0 %100
36	M38	Z	9.033	9.033	0 %100
37	M42	X	4.761	4.761	0 %100
38	M42	Z	8.246	8.246	0 %100
39	M47	X	0	0	0 %100
40	M47	Z	0	0	0 %100
41	M48	X	0	0	0 %100
42	M48	Z	0	0	0 %100
43	M50	X	3.326	3.326	0 %100
44	M50	Z	5.761	5.761	0 %100
45	M51	X	.759	.759	0 %100
46	M51	Z	1.315	1.315	0 %100
47	M53	X	.759	.759	0 %100
48	M53	Z	1.315	1.315	0 %100
49	M56	X	6.145	6.145	0 %100
50	M56	Z	10.644	10.644	0 %100
51	M57	X	6.145	6.145	0 %100
52	M57	Z	10.644	10.644	0 %100
53	M59	X	5.215	5.215	0 %100
54	M59	Z	9.033	9.033	0 %100
55	M61	X	0	0	0 %100
56	M61	Z	0	0	0 %100
57	M62	X	3.326	3.326	0 %100
58	M62	Z	5.761	5.761	0 %100
59	M64	X	.759	.759	0 %100
60	M64	Z	1.315	1.315	0 %100
61	M66	X	.759	.759	0 %100



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Member Distributed Loads (BLC 46 : Structure Wo (150 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
62	M66	Z	1.315	1.315	0 %100
63	M67	X	0	0	0 %100
64	M67	Z	0	0	0 %100
65	M68	X	3.326	3.326	0 %100
66	M68	Z	5.761	5.761	0 %100
67	M69	X	3.326	3.326	0 %100
68	M69	Z	5.761	5.761	0 %100
69	M70	X	0	0	0 %100
70	M70	Z	0	0	0 %100
71	M79	X	5.215	5.215	0 %100
72	M79	Z	9.033	9.033	0 %100
73	M83	X	1.19	1.19	0 %100
74	M83	Z	2.062	2.062	0 %100
75	M88	X	3.881	3.881	0 %100
76	M88	Z	6.722	6.722	0 %100
77	M89	X	17.465	17.465	0 %100
78	M89	Z	30.251	30.251	0 %100
79	M91	X	0	0	0 %100
80	M91	Z	0	0	0 %100
81	M92	X	.19	.19	0 %100
82	M92	Z	.329	.329	0 %100
83	M94	X	.19	.19	0 %100
84	M94	Z	.329	.329	0 %100
85	M97	X	1.536	1.536	0 %100
86	M97	Z	2.661	2.661	0 %100
87	M98	X	1.536	1.536	0 %100
88	M98	Z	2.661	2.661	0 %100
89	M100	X	5.215	5.215	0 %100
90	M100	Z	9.033	9.033	0 %100
91	M102	X	3.881	3.881	0 %100
92	M102	Z	6.722	6.722	0 %100
93	M103	X	3.326	3.326	0 %100
94	M103	Z	5.761	5.761	0 %100
95	M105	X	.19	.19	0 %100
96	M105	Z	.329	.329	0 %100
97	M107	X	.19	.19	0 %100
98	M107	Z	.329	.329	0 %100
99	M108	X	3.358	3.358	0 %100
100	M108	Z	5.817	5.817	0 %100
101	M109	X	0	0	0 %100
102	M109	Z	0	0	0 %100
103	M110	X	3.326	3.326	0 %100
104	M110	Z	5.761	5.761	0 %100
105	M111	X	3.358	3.358	0 %100
106	M111	Z	5.817	5.817	0 %100
107	M118	X	5.822	5.822	0 %100
108	M118	Z	10.084	10.084	0 %100
109	M120	X	0	0	0 %100
110	M120	Z	0	0	0 %100
111	M121A	X	0	0	0 %100
112	M121A	Z	0	0	0 %100
113	M126	X	5.822	5.822	0 %100
114	M126	Z	10.084	10.084	0 %100
115	M131	X	5.498	5.498	0 %100
116	M131	Z	9.523	9.523	0 %100
117	M134	X	5.498	5.498	0 %100
118	M134	Z	9.523	9.523	0 %100

Member Distributed Loads (BLC 46 : Structure Wo (150 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
119	M148	X	3.457	3.457	0 %100
120	M148	Z	5.987	5.987	0 %100
121	M152B	X	4.265	4.265	0 %100
122	M152B	Z	7.388	7.388	0 %100
123	M155	X	.931	.931	0 %100
124	M155	Z	1.612	1.612	0 %100
125	M154	X	0	0	0 %100
126	M154	Z	0	0	0 %100
127	M157A	X	3.457	3.457	0 %100
128	M157A	Z	5.987	5.987	0 %100
129	M162	X	0	0	0 %100
130	M162	Z	0	0	0 %100
131	M163	X	0	0	0 %100
132	M163	Z	0	0	0 %100
133	M166	X	3.204	3.204	0 %100
134	M166	Z	5.549	5.549	0 %100
135	M167	X	0	0	0 %100
136	M167	Z	0	0	0 %100
137	M168	X	3.204	3.204	0 %100
138	M168	Z	5.549	5.549	0 %100
139	M169	X	3.457	3.457	0 %100
140	M169	Z	5.987	5.987	0 %100
141	M170	X	0	0	0 %100
142	M170	Z	0	0	0 %100
143	M171	X	3.457	3.457	0 %100
144	M171	Z	5.987	5.987	0 %100
145	M174	X	3.679	3.679	0 %100
146	M174	Z	6.372	6.372	0 %100
147	M177	X	3.679	3.679	0 %100
148	M177	Z	6.372	6.372	0 %100
149	M180	X	0	0	0 %100
150	M180	Z	0	0	0 %100
151	M183	X	0	0	0 %100
152	M183	Z	0	0	0 %100
153	M186	X	3.679	3.679	0 %100
154	M186	Z	6.372	6.372	0 %100
155	M189	X	3.679	3.679	0 %100
156	M189	Z	6.372	6.372	0 %100
157	M223	X	1.59	1.59	0 %100
158	M223	Z	2.754	2.754	0 %100
159	M226A	X	1.59	1.59	0 %100
160	M226A	Z	2.754	2.754	0 %100
161	M228A	X	0	0	0 %100
162	M228A	Z	0	0	0 %100
163	M232A	X	9.13	9.13	0 %100
164	M232A	Z	15.814	15.814	0 %100
165	M235	X	9.13	9.13	0 %100
166	M235	Z	15.814	15.814	0 %100
167	M237	X	4.265	4.265	0 %100
168	M237	Z	7.388	7.388	0 %100
169	M240A	X	6.946	6.946	0 %100
170	M240A	Z	12.03	12.03	0 %100
171	M242A	X	12.961	12.961	0 %100
172	M242A	Z	22.449	22.449	0 %100
173	M244	X	12.961	12.961	0 %100
174	M244	Z	22.449	22.449	0 %100
175	M246	X	6.946	6.946	0 %100

Member Distributed Loads (BLC 46 : Structure Wo (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
176	M246	Z	12.03	12.03	0	%100
177	M248	X	.931	.931	0	%100
178	M248	Z	1.612	1.612	0	%100
179	MP2A	X	5.579	5.579	0	%100
180	MP2A	Z	9.663	9.663	0	%100
181	MP3A	X	4.609	4.609	0	%100
182	MP3A	Z	7.983	7.983	0	%100
183	MP2C	X	5.579	5.579	0	%100
184	MP2C	Z	9.663	9.663	0	%100
185	MP2B	X	5.579	5.579	0	%100
186	MP2B	Z	9.663	9.663	0	%100
187	M256	X	8.108	8.108	0	%100
188	M256	Z	14.043	14.043	0	%100
189	M257	X	8.938	8.938	0	%100
190	M257	Z	15.482	15.482	0	%100
191	M258	X	8.108	8.108	0	%100
192	M258	Z	14.043	14.043	0	%100
193	M261	X	4.184	4.184	0	%100
194	M261	Z	7.248	7.248	0	%100
195	M264	X	0	0	0	%100
196	M264	Z	0	0	0	%100
197	M267	X	4.184	4.184	0	%100
198	M267	Z	7.248	7.248	0	%100
199	M274	X	0	0	0	%100
200	M274	Z	0	0	0	%100
201	M275	X	5.04	5.04	0	%100
202	M275	Z	8.73	8.73	0	%100
203	M276	X	5.04	5.04	0	%100
204	M276	Z	8.73	8.73	0	%100
205	MP1A	X	4.609	4.609	0	%100
206	MP1A	Z	7.983	7.983	0	%100
207	MP4A	X	4.609	4.609	0	%100
208	MP4A	Z	7.983	7.983	0	%100
209	MP3C	X	4.609	4.609	0	%100
210	MP3C	Z	7.983	7.983	0	%100
211	MP1C	X	4.609	4.609	0	%100
212	MP1C	Z	7.983	7.983	0	%100
213	MP4C	X	4.609	4.609	0	%100
214	MP4C	Z	7.983	7.983	0	%100
215	MP3B	X	4.609	4.609	0	%100
216	MP3B	Z	7.983	7.983	0	%100
217	MP1B	X	4.609	4.609	0	%100
218	MP1B	Z	7.983	7.983	0	%100
219	MP4B	X	4.609	4.609	0	%100
220	MP4B	Z	7.983	7.983	0	%100

Member Distributed Loads (BLC 47 : Structure Wo (180 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M7	X	0	0	0	%100
4	M7	Z	10.35	10.35	0	%100
5	M8	X	0	0	0	%100
6	M8	Z	46.574	46.574	0	%100
7	M13	X	0	0	0	%100
8	M13	Z	2.217	2.217	0	%100

Member Distributed Loads (BLC 47 : Structure Wo (180 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
9	M14	X	0	0	0	%100
10	M14	Z	0	0	0	%100
11	M18	X	0	0	0	%100
12	M18	Z	0	0	0	%100
13	M25	X	0	0	0	%100
14	M25	Z	0	0	0	%100
15	M26	X	0	0	0	%100
16	M26	Z	0	0	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	3.477	3.477	0	%100
19	M42A	X	0	0	0	%100
20	M42A	Z	10.35	10.35	0	%100
21	M44A	X	0	0	0	%100
22	M44A	Z	2.217	2.217	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	0	0	0	%100
25	M46A	X	0	0	0	%100
26	M46A	Z	0	0	0	%100
27	M46B	X	0	0	0	%100
28	M46B	Z	8.955	8.955	0	%100
29	M34A	X	0	0	0	%100
30	M34A	Z	2.217	2.217	0	%100
31	M35	X	0	0	0	%100
32	M35	Z	2.217	2.217	0	%100
33	M36	X	0	0	0	%100
34	M36	Z	8.955	8.955	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	3.477	3.477	0	%100
37	M42	X	0	0	0	%100
38	M42	Z	7.141	7.141	0	%100
39	M47	X	0	0	0	%100
40	M47	Z	2.587	2.587	0	%100
41	M48	X	0	0	0	%100
42	M48	Z	11.644	11.644	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	8.869	8.869	0	%100
45	M51	X	0	0	0	%100
46	M51	Z	1.139	1.139	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	1.139	1.139	0	%100
49	M56	X	0	0	0	%100
50	M56	Z	9.218	9.218	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	9.218	9.218	0	%100
53	M59	X	0	0	0	%100
54	M59	Z	3.477	3.477	0	%100
55	M61	X	0	0	0	%100
56	M61	Z	2.587	2.587	0	%100
57	M62	X	0	0	0	%100
58	M62	Z	2.217	2.217	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	1.139	1.139	0	%100
61	M66	X	0	0	0	%100
62	M66	Z	1.139	1.139	0	%100
63	M67	X	0	0	0	%100
64	M67	Z	2.239	2.239	0	%100
65	M68	X	0	0	0	%100

Member Distributed Loads (BLC 47 : Structure Wo (180 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
66	M68	Z	8.869	8.869	0 %100
67	M69	X	0	0	0 %100
68	M69	Z	2.217	2.217	0 %100
69	M70	X	0	0	0 %100
70	M70	Z	2.239	2.239	0 %100
71	M79	X	0	0	0 %100
72	M79	Z	13.908	13.908	0 %100
73	M83	X	0	0	0 %100
74	M83	Z	7.141	7.141	0 %100
75	M88	X	0	0	0 %100
76	M88	Z	2.587	2.587	0 %100
77	M89	X	0	0	0 %100
78	M89	Z	11.644	11.644	0 %100
79	M91	X	0	0	0 %100
80	M91	Z	2.217	2.217	0 %100
81	M92	X	0	0	0 %100
82	M92	Z	1.139	1.139	0 %100
83	M94	X	0	0	0 %100
84	M94	Z	1.139	1.139	0 %100
85	M97	X	0	0	0 %100
86	M97	Z	9.218	9.218	0 %100
87	M98	X	0	0	0 %100
88	M98	Z	9.218	9.218	0 %100
89	M100	X	0	0	0 %100
90	M100	Z	13.908	13.908	0 %100
91	M102	X	0	0	0 %100
92	M102	Z	2.587	2.587	0 %100
93	M103	X	0	0	0 %100
94	M103	Z	8.869	8.869	0 %100
95	M105	X	0	0	0 %100
96	M105	Z	1.139	1.139	0 %100
97	M107	X	0	0	0 %100
98	M107	Z	1.139	1.139	0 %100
99	M108	X	0	0	0 %100
100	M108	Z	2.239	2.239	0 %100
101	M109	X	0	0	0 %100
102	M109	Z	2.217	2.217	0 %100
103	M110	X	0	0	0 %100
104	M110	Z	8.869	8.869	0 %100
105	M111	X	0	0	0 %100
106	M111	Z	2.239	2.239	0 %100
107	M118	X	0	0	0 %100
108	M118	Z	15.525	15.525	0 %100
109	M120	X	0	0	0 %100
110	M120	Z	3.477	3.477	0 %100
111	M121A	X	0	0	0 %100
112	M121A	Z	3.881	3.881	0 %100
113	M126	X	0	0	0 %100
114	M126	Z	3.881	3.881	0 %100
115	M131	X	0	0	0 %100
116	M131	Z	1.941	1.941	0 %100
117	M134	X	0	0	0 %100
118	M134	Z	1.941	1.941	0 %100
119	M148	X	0	0	0 %100
120	M148	Z	9.218	9.218	0 %100
121	M152B	X	0	0	0 %100
122	M152B	Z	11.374	11.374	0 %100

Member Distributed Loads (BLC 47 : Structure Wo (180 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
123	M155	X	0	0	%100
124	M155	Z	1.861	1.861	%100
125	M154	X	0	0	%100
126	M154	Z	2.304	2.304	%100
127	M157A	X	0	0	%100
128	M157A	Z	2.304	2.304	%100
129	M162	X	0	0	%100
130	M162	Z	6.868	6.868	%100
131	M163	X	0	0	%100
132	M163	Z	6.868	6.868	%100
133	M166	X	0	0	%100
134	M166	Z	8.544	8.544	%100
135	M167	X	0	0	%100
136	M167	Z	2.136	2.136	%100
137	M168	X	0	0	%100
138	M168	Z	2.136	2.136	%100
139	M169	X	0	0	%100
140	M169	Z	9.218	9.218	%100
141	M170	X	0	0	%100
142	M170	Z	2.304	2.304	%100
143	M171	X	0	0	%100
144	M171	Z	2.304	2.304	%100
145	M174	X	0	0	%100
146	M174	Z	9.811	9.811	%100
147	M177	X	0	0	%100
148	M177	Z	9.811	9.811	%100
149	M180	X	0	0	%100
150	M180	Z	2.453	2.453	%100
151	M183	X	0	0	%100
152	M183	Z	2.453	2.453	%100
153	M186	X	0	0	%100
154	M186	Z	2.453	2.453	%100
155	M189	X	0	0	%100
156	M189	Z	2.453	2.453	%100
157	M223	X	0	0	%100
158	M223	Z	8.207	8.207	%100
159	M226A	X	0	0	%100
160	M226A	Z	8.207	8.207	%100
161	M228A	X	0	0	%100
162	M228A	Z	2.843	2.843	%100
163	M232A	X	0	0	%100
164	M232A	Z	8.207	8.207	%100
165	M235	X	0	0	%100
166	M235	Z	8.207	8.207	%100
167	M237	X	0	0	%100
168	M237	Z	2.843	2.843	%100
169	M240A	X	0	0	%100
170	M240A	Z	1.861	1.861	%100
171	M242A	X	0	0	%100
172	M242A	Z	13.892	13.892	%100
173	M244	X	0	0	%100
174	M244	Z	25.922	25.922	%100
175	M246	X	0	0	%100
176	M246	Z	25.922	25.922	%100
177	M248	X	0	0	%100
178	M248	Z	13.892	13.892	%100
179	MP2A	X	0	0	%100

Member Distributed Loads (BLC 47 : Structure Wo (180 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
180	MP2A	Z	11.158	11.158	0 %100
181	MP3A	X	0	0	0 %100
182	MP3A	Z	9.218	9.218	0 %100
183	MP2C	X	0	0	0 %100
184	MP2C	Z	11.158	11.158	0 %100
185	MP2B	X	0	0	0 %100
186	MP2B	Z	11.158	11.158	0 %100
187	M256	X	0	0	0 %100
188	M256	Z	15.662	15.662	0 %100
189	M257	X	0	0	0 %100
190	M257	Z	17.323	17.323	0 %100
191	M258	X	0	0	0 %100
192	M258	Z	17.323	17.323	0 %100
193	M261	X	0	0	0 %100
194	M261	Z	11.158	11.158	0 %100
195	M264	X	0	0	0 %100
196	M264	Z	2.79	2.79	0 %100
197	M267	X	0	0	0 %100
198	M267	Z	2.79	2.79	0 %100
199	M274	X	0	0	0 %100
200	M274	Z	3.36	3.36	0 %100
201	M275	X	0	0	0 %100
202	M275	Z	3.36	3.36	0 %100
203	M276	X	0	0	0 %100
204	M276	Z	13.441	13.441	0 %100
205	MP1A	X	0	0	0 %100
206	MP1A	Z	9.218	9.218	0 %100
207	MP4A	X	0	0	0 %100
208	MP4A	Z	9.218	9.218	0 %100
209	MP3C	X	0	0	0 %100
210	MP3C	Z	9.218	9.218	0 %100
211	MP1C	X	0	0	0 %100
212	MP1C	Z	9.218	9.218	0 %100
213	MP4C	X	0	0	0 %100
214	MP4C	Z	9.218	9.218	0 %100
215	MP3B	X	0	0	0 %100
216	MP3B	Z	9.218	9.218	0 %100
217	MP1B	X	0	0	0 %100
218	MP1B	Z	9.218	9.218	0 %100
219	MP4B	X	0	0	0 %100
220	MP4B	Z	9.218	9.218	0 %100

Member Distributed Loads (BLC 48 : Structure Wo (210 Deg))

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	-1.19	-1.19	0 %100
2	M1	Z	2.062	2.062	0 %100
3	M7	X	-3.881	-3.881	0 %100
4	M7	Z	6.722	6.722	0 %100
5	M8	X	-17.465	-17.465	0 %100
6	M8	Z	30.251	30.251	0 %100
7	M13	X	0	0	0 %100
8	M13	Z	0	0	0 %100
9	M14	X	-.19	-.19	0 %100
10	M14	Z	.329	.329	0 %100
11	M18	X	-.19	-.19	0 %100
12	M18	Z	.329	.329	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

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Member Distributed Loads (BLC 48 : Structure Wo (210 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
13	M25	X	-1.536	-1.536	0 %100
14	M25	Z	2.661	2.661	0 %100
15	M26	X	-1.536	-1.536	0 %100
16	M26	Z	2.661	2.661	0 %100
17	M31	X	-5.215	-5.215	0 %100
18	M31	Z	9.033	9.033	0 %100
19	M42A	X	-3.881	-3.881	0 %100
20	M42A	Z	6.722	6.722	0 %100
21	M44A	X	-3.326	-3.326	0 %100
22	M44A	Z	5.761	5.761	0 %100
23	M44	X	-.19	-.19	0 %100
24	M44	Z	.329	.329	0 %100
25	M46A	X	-.19	-.19	0 %100
26	M46A	Z	.329	.329	0 %100
27	M46B	X	-3.358	-3.358	0 %100
28	M46B	Z	5.817	5.817	0 %100
29	M34A	X	0	0	0 %100
30	M34A	Z	0	0	0 %100
31	M35	X	-3.326	-3.326	0 %100
32	M35	Z	5.761	5.761	0 %100
33	M36	X	-3.358	-3.358	0 %100
34	M36	Z	5.817	5.817	0 %100
35	M38	X	0	0	0 %100
36	M38	Z	0	0	0 %100
37	M42	X	-1.19	-1.19	0 %100
38	M42	Z	2.062	2.062	0 %100
39	M47	X	-3.881	-3.881	0 %100
40	M47	Z	6.722	6.722	0 %100
41	M48	X	-17.465	-17.465	0 %100
42	M48	Z	30.251	30.251	0 %100
43	M50	X	-3.326	-3.326	0 %100
44	M50	Z	5.761	5.761	0 %100
45	M51	X	-.19	-.19	0 %100
46	M51	Z	.329	.329	0 %100
47	M53	X	-.19	-.19	0 %100
48	M53	Z	.329	.329	0 %100
49	M56	X	-1.536	-1.536	0 %100
50	M56	Z	2.661	2.661	0 %100
51	M57	X	-1.536	-1.536	0 %100
52	M57	Z	2.661	2.661	0 %100
53	M59	X	0	0	0 %100
54	M59	Z	0	0	0 %100
55	M61	X	-3.881	-3.881	0 %100
56	M61	Z	6.722	6.722	0 %100
57	M62	X	0	0	0 %100
58	M62	Z	0	0	0 %100
59	M64	X	-.19	-.19	0 %100
60	M64	Z	.329	.329	0 %100
61	M66	X	-.19	-.19	0 %100
62	M66	Z	.329	.329	0 %100
63	M67	X	-3.358	-3.358	0 %100
64	M67	Z	5.817	5.817	0 %100
65	M68	X	-3.326	-3.326	0 %100
66	M68	Z	5.761	5.761	0 %100
67	M69	X	0	0	0 %100
68	M69	Z	0	0	0 %100
69	M70	X	-3.358	-3.358	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

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Member Distributed Loads (BLC 48 : Structure Wo (210 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
70	M70	Z	5.817	5.817	0 %100
71	M79	X	-5.215	-5.215	0 %100
72	M79	Z	9.033	9.033	0 %100
73	M83	X	-4.761	-4.761	0 %100
74	M83	Z	8.246	8.246	0 %100
75	M88	X	0	0	0 %100
76	M88	Z	0	0	0 %100
77	M89	X	0	0	0 %100
78	M89	Z	0	0	0 %100
79	M91	X	-3.326	-3.326	0 %100
80	M91	Z	5.761	5.761	0 %100
81	M92	X	-7.759	-7.759	0 %100
82	M92	Z	1.315	1.315	0 %100
83	M94	X	-7.759	-7.759	0 %100
84	M94	Z	1.315	1.315	0 %100
85	M97	X	-6.145	-6.145	0 %100
86	M97	Z	10.644	10.644	0 %100
87	M98	X	-6.145	-6.145	0 %100
88	M98	Z	10.644	10.644	0 %100
89	M100	X	-5.215	-5.215	0 %100
90	M100	Z	9.033	9.033	0 %100
91	M102	X	0	0	0 %100
92	M102	Z	0	0	0 %100
93	M103	X	-3.326	-3.326	0 %100
94	M103	Z	5.761	5.761	0 %100
95	M105	X	-7.759	-7.759	0 %100
96	M105	Z	1.315	1.315	0 %100
97	M107	X	-7.759	-7.759	0 %100
98	M107	Z	1.315	1.315	0 %100
99	M108	X	0	0	0 %100
100	M108	Z	0	0	0 %100
101	M109	X	-3.326	-3.326	0 %100
102	M109	Z	5.761	5.761	0 %100
103	M110	X	-3.326	-3.326	0 %100
104	M110	Z	5.761	5.761	0 %100
105	M111	X	0	0	0 %100
106	M111	Z	0	0	0 %100
107	M118	X	-5.822	-5.822	0 %100
108	M118	Z	10.084	10.084	0 %100
109	M120	X	-5.215	-5.215	0 %100
110	M120	Z	9.033	9.033	0 %100
111	M121A	X	-5.822	-5.822	0 %100
112	M121A	Z	10.084	10.084	0 %100
113	M126	X	0	0	0 %100
114	M126	Z	0	0	0 %100
115	M131	X	-5.498	-5.498	0 %100
116	M131	Z	9.523	9.523	0 %100
117	M134	X	-5.498	-5.498	0 %100
118	M134	Z	9.523	9.523	0 %100
119	M148	X	-3.457	-3.457	0 %100
120	M148	Z	5.987	5.987	0 %100
121	M152B	X	-4.265	-4.265	0 %100
122	M152B	Z	7.388	7.388	0 %100
123	M155	X	-6.946	-6.946	0 %100
124	M155	Z	12.03	12.03	0 %100
125	M154	X	-3.457	-3.457	0 %100
126	M154	Z	5.987	5.987	0 %100

Member Distributed Loads (BLC 48 : Structure Wo (210 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
127	M157A	X	0	0	0	%100
128	M157A	Z	0	0	0	%100
129	M162	X	-10.301	-10.301	0	%100
130	M162	Z	17.842	17.842	0	%100
131	M163	X	-10.301	-10.301	0	%100
132	M163	Z	17.842	17.842	0	%100
133	M166	X	-3.204	-3.204	0	%100
134	M166	Z	5.549	5.549	0	%100
135	M167	X	-3.204	-3.204	0	%100
136	M167	Z	5.549	5.549	0	%100
137	M168	X	0	0	0	%100
138	M168	Z	0	0	0	%100
139	M169	X	-3.457	-3.457	0	%100
140	M169	Z	5.987	5.987	0	%100
141	M170	X	-3.457	-3.457	0	%100
142	M170	Z	5.987	5.987	0	%100
143	M171	X	0	0	0	%100
144	M171	Z	0	0	0	%100
145	M174	X	-3.679	-3.679	0	%100
146	M174	Z	6.372	6.372	0	%100
147	M177	X	-3.679	-3.679	0	%100
148	M177	Z	6.372	6.372	0	%100
149	M180	X	-3.679	-3.679	0	%100
150	M180	Z	6.372	6.372	0	%100
151	M183	X	-3.679	-3.679	0	%100
152	M183	Z	6.372	6.372	0	%100
153	M186	X	0	0	0	%100
154	M186	Z	0	0	0	%100
155	M189	X	0	0	0	%100
156	M189	Z	0	0	0	%100
157	M223	X	-9.13	-9.13	0	%100
158	M223	Z	15.814	15.814	0	%100
159	M226A	X	-9.13	-9.13	0	%100
160	M226A	Z	15.814	15.814	0	%100
161	M228A	X	-4.265	-4.265	0	%100
162	M228A	Z	7.388	7.388	0	%100
163	M232A	X	-1.59	-1.59	0	%100
164	M232A	Z	2.754	2.754	0	%100
165	M235	X	-1.59	-1.59	0	%100
166	M235	Z	2.754	2.754	0	%100
167	M237	X	0	0	0	%100
168	M237	Z	0	0	0	%100
169	M240A	X	-9.31	-9.31	0	%100
170	M240A	Z	1.612	1.612	0	%100
171	M242A	X	-9.31	-9.31	0	%100
172	M242A	Z	1.612	1.612	0	%100
173	M244	X	-6.946	-6.946	0	%100
174	M244	Z	12.03	12.03	0	%100
175	M246	X	-12.961	-12.961	0	%100
176	M246	Z	22.449	22.449	0	%100
177	M248	X	-12.961	-12.961	0	%100
178	M248	Z	22.449	22.449	0	%100
179	MP2A	X	-5.579	-5.579	0	%100
180	MP2A	Z	9.663	9.663	0	%100
181	MP3A	X	-4.609	-4.609	0	%100
182	MP3A	Z	7.983	7.983	0	%100
183	MP2C	X	-5.579	-5.579	0	%100

Member Distributed Loads (BLC 48 : Structure Wo (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
184	MP2C	Z	9.663	9.663	0	%100
185	MP2B	X	-5.579	-5.579	0	%100
186	MP2B	Z	9.663	9.663	0	%100
187	M256	X	-8.108	-8.108	0	%100
188	M256	Z	14.043	14.043	0	%100
189	M257	X	-8.108	-8.108	0	%100
190	M257	Z	14.043	14.043	0	%100
191	M258	X	-8.938	-8.938	0	%100
192	M258	Z	15.482	15.482	0	%100
193	M261	X	-4.184	-4.184	0	%100
194	M261	Z	7.248	7.248	0	%100
195	M264	X	-4.184	-4.184	0	%100
196	M264	Z	7.248	7.248	0	%100
197	M267	X	0	0	0	%100
198	M267	Z	0	0	0	%100
199	M274	X	-5.04	-5.04	0	%100
200	M274	Z	8.73	8.73	0	%100
201	M275	X	0	0	0	%100
202	M275	Z	0	0	0	%100
203	M276	X	-5.04	-5.04	0	%100
204	M276	Z	8.73	8.73	0	%100
205	MP1A	X	-4.609	-4.609	0	%100
206	MP1A	Z	7.983	7.983	0	%100
207	MP4A	X	-4.609	-4.609	0	%100
208	MP4A	Z	7.983	7.983	0	%100
209	MP3C	X	-4.609	-4.609	0	%100
210	MP3C	Z	7.983	7.983	0	%100
211	MP1C	X	-4.609	-4.609	0	%100
212	MP1C	Z	7.983	7.983	0	%100
213	MP4C	X	-4.609	-4.609	0	%100
214	MP4C	Z	7.983	7.983	0	%100
215	MP3B	X	-4.609	-4.609	0	%100
216	MP3B	Z	7.983	7.983	0	%100
217	MP1B	X	-4.609	-4.609	0	%100
218	MP1B	Z	7.983	7.983	0	%100
219	MP4B	X	-4.609	-4.609	0	%100
220	MP4B	Z	7.983	7.983	0	%100

Member Distributed Loads (BLC 49 : Structure Wo (240 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	-6.185	-6.185	0	%100
2	M1	Z	3.571	3.571	0	%100
3	M7	X	-2.241	-2.241	0	%100
4	M7	Z	1.294	1.294	0	%100
5	M8	X	-10.084	-10.084	0	%100
6	M8	Z	5.822	5.822	0	%100
7	M13	X	-1.92	-1.92	0	%100
8	M13	Z	1.109	1.109	0	%100
9	M14	X	-0.986	-0.986	0	%100
10	M14	Z	0.569	0.569	0	%100
11	M18	X	-0.986	-0.986	0	%100
12	M18	Z	0.569	0.569	0	%100
13	M25	X	-7.983	-7.983	0	%100
14	M25	Z	4.609	4.609	0	%100
15	M26	X	-7.983	-7.983	0	%100
16	M26	Z	4.609	4.609	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Apr 25, 2022
 10:59 AM
 Checked By: _____

Member Distributed Loads (BLC 49 : Structure Wo (240 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
17	M31	X	-12.044	-12.044	0 %100
18	M31	Z	6.954	6.954	0 %100
19	M42A	X	-2.241	-2.241	0 %100
20	M42A	Z	1.294	1.294	0 %100
21	M44A	X	-7.681	-7.681	0 %100
22	M44A	Z	4.435	4.435	0 %100
23	M44	X	-.986	-.986	0 %100
24	M44	Z	.569	.569	0 %100
25	M46A	X	-.986	-.986	0 %100
26	M46A	Z	.569	.569	0 %100
27	M46B	X	-1.939	-1.939	0 %100
28	M46B	Z	1.119	1.119	0 %100
29	M34A	X	-1.92	-1.92	0 %100
30	M34A	Z	1.109	1.109	0 %100
31	M35	X	-7.681	-7.681	0 %100
32	M35	Z	4.435	4.435	0 %100
33	M36	X	-1.939	-1.939	0 %100
34	M36	Z	1.119	1.119	0 %100
35	M38	X	-3.011	-3.011	0 %100
36	M38	Z	1.738	1.738	0 %100
37	M42	X	0	0	0 %100
38	M42	Z	0	0	0 %100
39	M47	X	-8.963	-8.963	0 %100
40	M47	Z	5.175	5.175	0 %100
41	M48	X	-40.334	-40.334	0 %100
42	M48	Z	23.287	23.287	0 %100
43	M50	X	-1.92	-1.92	0 %100
44	M50	Z	1.109	1.109	0 %100
45	M51	X	0	0	0 %100
46	M51	Z	0	0	0 %100
47	M53	X	0	0	0 %100
48	M53	Z	0	0	0 %100
49	M56	X	0	0	0 %100
50	M56	Z	0	0	0 %100
51	M57	X	0	0	0 %100
52	M57	Z	0	0	0 %100
53	M59	X	-3.011	-3.011	0 %100
54	M59	Z	1.738	1.738	0 %100
55	M61	X	-8.963	-8.963	0 %100
56	M61	Z	5.175	5.175	0 %100
57	M62	X	-1.92	-1.92	0 %100
58	M62	Z	1.109	1.109	0 %100
59	M64	X	0	0	0 %100
60	M64	Z	0	0	0 %100
61	M66	X	0	0	0 %100
62	M66	Z	0	0	0 %100
63	M67	X	-7.755	-7.755	0 %100
64	M67	Z	4.478	4.478	0 %100
65	M68	X	-1.92	-1.92	0 %100
66	M68	Z	1.109	1.109	0 %100
67	M69	X	-1.92	-1.92	0 %100
68	M69	Z	1.109	1.109	0 %100
69	M70	X	-7.755	-7.755	0 %100
70	M70	Z	4.478	4.478	0 %100
71	M79	X	-3.011	-3.011	0 %100
72	M79	Z	1.738	1.738	0 %100
73	M83	X	-6.185	-6.185	0 %100

Member Distributed Loads (BLC 49 : Structure Wo (240 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
74	M83	Z	3.571	3.571	0 %100
75	M88	X	-2.241	-2.241	0 %100
76	M88	Z	1.294	1.294	0 %100
77	M89	X	-10.084	-10.084	0 %100
78	M89	Z	5.822	5.822	0 %100
79	M91	X	-7.681	-7.681	0 %100
80	M91	Z	4.435	4.435	0 %100
81	M92	X	-986	-986	0 %100
82	M92	Z	.569	.569	0 %100
83	M94	X	-986	-986	0 %100
84	M94	Z	.569	.569	0 %100
85	M97	X	-7.983	-7.983	0 %100
86	M97	Z	4.609	4.609	0 %100
87	M98	X	-7.983	-7.983	0 %100
88	M98	Z	4.609	4.609	0 %100
89	M100	X	-3.011	-3.011	0 %100
90	M100	Z	1.738	1.738	0 %100
91	M102	X	-2.241	-2.241	0 %100
92	M102	Z	1.294	1.294	0 %100
93	M103	X	-1.92	-1.92	0 %100
94	M103	Z	1.109	1.109	0 %100
95	M105	X	-986	-986	0 %100
96	M105	Z	.569	.569	0 %100
97	M107	X	-986	-986	0 %100
98	M107	Z	.569	.569	0 %100
99	M108	X	-1.939	-1.939	0 %100
100	M108	Z	1.119	1.119	0 %100
101	M109	X	-7.681	-7.681	0 %100
102	M109	Z	4.435	4.435	0 %100
103	M110	X	-1.92	-1.92	0 %100
104	M110	Z	1.109	1.109	0 %100
105	M111	X	-1.939	-1.939	0 %100
106	M111	Z	1.119	1.119	0 %100
107	M118	X	-3.361	-3.361	0 %100
108	M118	Z	1.941	1.941	0 %100
109	M120	X	-12.044	-12.044	0 %100
110	M120	Z	6.954	6.954	0 %100
111	M121A	X	-13.445	-13.445	0 %100
112	M121A	Z	7.762	7.762	0 %100
113	M126	X	-3.361	-3.361	0 %100
114	M126	Z	1.941	1.941	0 %100
115	M131	X	-25.209	-25.209	0 %100
116	M131	Z	14.554	14.554	0 %100
117	M134	X	-25.209	-25.209	0 %100
118	M134	Z	14.554	14.554	0 %100
119	M148	X	-1.996	-1.996	0 %100
120	M148	Z	1.152	1.152	0 %100
121	M152B	X	-2.463	-2.463	0 %100
122	M152B	Z	1.422	1.422	0 %100
123	M155	X	-22.449	-22.449	0 %100
124	M155	Z	12.961	12.961	0 %100
125	M154	X	-7.983	-7.983	0 %100
126	M154	Z	4.609	4.609	0 %100
127	M157A	X	-1.996	-1.996	0 %100
128	M157A	Z	1.152	1.152	0 %100
129	M162	X	-23.79	-23.79	0 %100
130	M162	Z	13.735	13.735	0 %100

Member Distributed Loads (BLC 49 : Structure Wo (240 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
131	M163	X	-23.79	-23.79	0 %100
132	M163	Z	13.735	13.735	0 %100
133	M166	X	-1.85	-1.85	0 %100
134	M166	Z	1.068	1.068	0 %100
135	M167	X	-7.399	-7.399	0 %100
136	M167	Z	4.272	4.272	0 %100
137	M168	X	-1.85	-1.85	0 %100
138	M168	Z	1.068	1.068	0 %100
139	M169	X	-1.996	-1.996	0 %100
140	M169	Z	1.152	1.152	0 %100
141	M170	X	-7.983	-7.983	0 %100
142	M170	Z	4.609	4.609	0 %100
143	M171	X	-1.996	-1.996	0 %100
144	M171	Z	1.152	1.152	0 %100
145	M174	X	-2.124	-2.124	0 %100
146	M174	Z	1.226	1.226	0 %100
147	M177	X	-2.124	-2.124	0 %100
148	M177	Z	1.226	1.226	0 %100
149	M180	X	-8.496	-8.496	0 %100
150	M180	Z	4.905	4.905	0 %100
151	M183	X	-8.496	-8.496	0 %100
152	M183	Z	4.905	4.905	0 %100
153	M186	X	-2.124	-2.124	0 %100
154	M186	Z	1.226	1.226	0 %100
155	M189	X	-2.124	-2.124	0 %100
156	M189	Z	1.226	1.226	0 %100
157	M223	X	-20.167	-20.167	0 %100
158	M223	Z	11.644	11.644	0 %100
159	M226A	X	-20.167	-20.167	0 %100
160	M226A	Z	11.644	11.644	0 %100
161	M228A	X	-9.85	-9.85	0 %100
162	M228A	Z	5.687	5.687	0 %100
163	M232A	X	-7.108	-7.108	0 %100
164	M232A	Z	4.104	4.104	0 %100
165	M235	X	-7.108	-7.108	0 %100
166	M235	Z	4.104	4.104	0 %100
167	M237	X	-2.463	-2.463	0 %100
168	M237	Z	1.422	1.422	0 %100
169	M240A	X	-12.03	-12.03	0 %100
170	M240A	Z	6.946	6.946	0 %100
171	M242A	X	-1.612	-1.612	0 %100
172	M242A	Z	.931	.931	0 %100
173	M244	X	-1.612	-1.612	0 %100
174	M244	Z	.931	.931	0 %100
175	M246	X	-12.03	-12.03	0 %100
176	M246	Z	6.946	6.946	0 %100
177	M248	X	-22.449	-22.449	0 %100
178	M248	Z	12.961	12.961	0 %100
179	MP2A	X	-9.663	-9.663	0 %100
180	MP2A	Z	5.579	5.579	0 %100
181	MP3A	X	-7.983	-7.983	0 %100
182	MP3A	Z	4.609	4.609	0 %100
183	MP2C	X	-9.663	-9.663	0 %100
184	MP2C	Z	5.579	5.579	0 %100
185	MP2B	X	-9.663	-9.663	0 %100
186	MP2B	Z	5.579	5.579	0 %100
187	M256	X	-15.002	-15.002	0 %100

Member Distributed Loads (BLC 49 : Structure Wo (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
188	M256	Z	8.661	8.661	0	%100
189	M257	X	-13.563	-13.563	0	%100
190	M257	Z	7.831	7.831	0	%100
191	M258	X	-15.002	-15.002	0	%100
192	M258	Z	8.661	8.661	0	%100
193	M261	X	-2.416	-2.416	0	%100
194	M261	Z	1.395	1.395	0	%100
195	M264	X	-9.663	-9.663	0	%100
196	M264	Z	5.579	5.579	0	%100
197	M267	X	-2.416	-2.416	0	%100
198	M267	Z	1.395	1.395	0	%100
199	M274	X	-11.64	-11.64	0	%100
200	M274	Z	6.72	6.72	0	%100
201	M275	X	-2.91	-2.91	0	%100
202	M275	Z	1.68	1.68	0	%100
203	M276	X	-2.91	-2.91	0	%100
204	M276	Z	1.68	1.68	0	%100
205	MP1A	X	-7.983	-7.983	0	%100
206	MP1A	Z	4.609	4.609	0	%100
207	MP4A	X	-7.983	-7.983	0	%100
208	MP4A	Z	4.609	4.609	0	%100
209	MP3C	X	-7.983	-7.983	0	%100
210	MP3C	Z	4.609	4.609	0	%100
211	MP1C	X	-7.983	-7.983	0	%100
212	MP1C	Z	4.609	4.609	0	%100
213	MP4C	X	-7.983	-7.983	0	%100
214	MP4C	Z	4.609	4.609	0	%100
215	MP3B	X	-7.983	-7.983	0	%100
216	MP3B	Z	4.609	4.609	0	%100
217	MP1B	X	-7.983	-7.983	0	%100
218	MP1B	Z	4.609	4.609	0	%100
219	MP4B	X	-7.983	-7.983	0	%100
220	MP4B	Z	4.609	4.609	0	%100

Member Distributed Loads (BLC 50 : Structure Wo (270 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	-9.522	-9.522	0	%100
2	M1	Z	0	0	0	%100
3	M7	X	0	0	0	%100
4	M7	Z	0	0	0	%100
5	M8	X	0	0	0	%100
6	M8	Z	0	0	0	%100
7	M13	X	-6.652	-6.652	0	%100
8	M13	Z	0	0	0	%100
9	M14	X	-1.518	-1.518	0	%100
10	M14	Z	0	0	0	%100
11	M18	X	-1.518	-1.518	0	%100
12	M18	Z	0	0	0	%100
13	M25	X	-12.29	-12.29	0	%100
14	M25	Z	0	0	0	%100
15	M26	X	-12.29	-12.29	0	%100
16	M26	Z	0	0	0	%100
17	M31	X	-10.431	-10.431	0	%100
18	M31	Z	0	0	0	%100
19	M42A	X	0	0	0	%100
20	M42A	Z	0	0	0	%100

Member Distributed Loads (BLC 50 : Structure Wo (270 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
21	M44A	X	-6.652	-6.652	0 %100
22	M44A	Z	0	0	0 %100
23	M44	X	-1.518	-1.518	0 %100
24	M44	Z	0	0	0 %100
25	M46A	X	-1.518	-1.518	0 %100
26	M46A	Z	0	0	0 %100
27	M46B	X	0	0	0 %100
28	M46B	Z	0	0	0 %100
29	M34A	X	-6.652	-6.652	0 %100
30	M34A	Z	0	0	0 %100
31	M35	X	-6.652	-6.652	0 %100
32	M35	Z	0	0	0 %100
33	M36	X	0	0	0 %100
34	M36	Z	0	0	0 %100
35	M38	X	-10.431	-10.431	0 %100
36	M38	Z	0	0	0 %100
37	M42	X	-2.38	-2.38	0 %100
38	M42	Z	0	0	0 %100
39	M47	X	-7.762	-7.762	0 %100
40	M47	Z	0	0	0 %100
41	M48	X	-34.931	-34.931	0 %100
42	M48	Z	0	0	0 %100
43	M50	X	0	0	0 %100
44	M50	Z	0	0	0 %100
45	M51	X	-.38	-.38	0 %100
46	M51	Z	0	0	0 %100
47	M53	X	-.38	-.38	0 %100
48	M53	Z	0	0	0 %100
49	M56	X	-3.073	-3.073	0 %100
50	M56	Z	0	0	0 %100
51	M57	X	-3.073	-3.073	0 %100
52	M57	Z	0	0	0 %100
53	M59	X	-10.431	-10.431	0 %100
54	M59	Z	0	0	0 %100
55	M61	X	-7.762	-7.762	0 %100
56	M61	Z	0	0	0 %100
57	M62	X	-6.652	-6.652	0 %100
58	M62	Z	0	0	0 %100
59	M64	X	-.38	-.38	0 %100
60	M64	Z	0	0	0 %100
61	M66	X	-.38	-.38	0 %100
62	M66	Z	0	0	0 %100
63	M67	X	-6.716	-6.716	0 %100
64	M67	Z	0	0	0 %100
65	M68	X	0	0	0 %100
66	M68	Z	0	0	0 %100
67	M69	X	-6.652	-6.652	0 %100
68	M69	Z	0	0	0 %100
69	M70	X	-6.716	-6.716	0 %100
70	M70	Z	0	0	0 %100
71	M79	X	0	0	0 %100
72	M79	Z	0	0	0 %100
73	M83	X	-2.38	-2.38	0 %100
74	M83	Z	0	0	0 %100
75	M88	X	-7.762	-7.762	0 %100
76	M88	Z	0	0	0 %100
77	M89	X	-34.931	-34.931	0 %100



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 Job Number :
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Member Distributed Loads (BLC 50 : Structure Wo (270 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
78	M89	Z	0	0	0	%100
79	M91	X	-6.652	-6.652	0	%100
80	M91	Z	0	0	0	%100
81	M92	X	-.38	-.38	0	%100
82	M92	Z	0	0	0	%100
83	M94	X	-.38	-.38	0	%100
84	M94	Z	0	0	0	%100
85	M97	X	-3.073	-3.073	0	%100
86	M97	Z	0	0	0	%100
87	M98	X	-3.073	-3.073	0	%100
88	M98	Z	0	0	0	%100
89	M100	X	0	0	0	%100
90	M100	Z	0	0	0	%100
91	M102	X	-7.762	-7.762	0	%100
92	M102	Z	0	0	0	%100
93	M103	X	0	0	0	%100
94	M103	Z	0	0	0	%100
95	M105	X	-.38	-.38	0	%100
96	M105	Z	0	0	0	%100
97	M107	X	-.38	-.38	0	%100
98	M107	Z	0	0	0	%100
99	M108	X	-6.716	-6.716	0	%100
100	M108	Z	0	0	0	%100
101	M109	X	-6.652	-6.652	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	-6.716	-6.716	0	%100
106	M111	Z	0	0	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	0	0	0	%100
109	M120	X	-10.431	-10.431	0	%100
110	M120	Z	0	0	0	%100
111	M121A	X	-11.644	-11.644	0	%100
112	M121A	Z	0	0	0	%100
113	M126	X	-11.644	-11.644	0	%100
114	M126	Z	0	0	0	%100
115	M131	X	-38.165	-38.165	0	%100
116	M131	Z	0	0	0	%100
117	M134	X	-38.165	-38.165	0	%100
118	M134	Z	0	0	0	%100
119	M148	X	0	0	0	%100
120	M148	Z	0	0	0	%100
121	M152B	X	0	0	0	%100
122	M152B	Z	0	0	0	%100
123	M155	X	-25.922	-25.922	0	%100
124	M155	Z	0	0	0	%100
125	M154	X	-6.913	-6.913	0	%100
126	M154	Z	0	0	0	%100
127	M157A	X	-6.913	-6.913	0	%100
128	M157A	Z	0	0	0	%100
129	M162	X	-20.603	-20.603	0	%100
130	M162	Z	0	0	0	%100
131	M163	X	-20.603	-20.603	0	%100
132	M163	Z	0	0	0	%100
133	M166	X	0	0	0	%100
134	M166	Z	0	0	0	%100

Member Distributed Loads (BLC 50 : Structure Wo (270 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
135	M167	X	-6.408	-6.408	0 %100
136	M167	Z	0	0	0 %100
137	M168	X	-6.408	-6.408	0 %100
138	M168	Z	0	0	0 %100
139	M169	X	0	0	0 %100
140	M169	Z	0	0	0 %100
141	M170	X	-6.913	-6.913	0 %100
142	M170	Z	0	0	0 %100
143	M171	X	-6.913	-6.913	0 %100
144	M171	Z	0	0	0 %100
145	M174	X	0	0	0 %100
146	M174	Z	0	0	0 %100
147	M177	X	0	0	0 %100
148	M177	Z	0	0	0 %100
149	M180	X	-7.358	-7.358	0 %100
150	M180	Z	0	0	0 %100
151	M183	X	-7.358	-7.358	0 %100
152	M183	Z	0	0	0 %100
153	M186	X	-7.358	-7.358	0 %100
154	M186	Z	0	0	0 %100
155	M189	X	-7.358	-7.358	0 %100
156	M189	Z	0	0	0 %100
157	M223	X	-18.26	-18.26	0 %100
158	M223	Z	0	0	0 %100
159	M226A	X	-18.26	-18.26	0 %100
160	M226A	Z	0	0	0 %100
161	M228A	X	-8.53	-8.53	0 %100
162	M228A	Z	0	0	0 %100
163	M232A	X	-18.26	-18.26	0 %100
164	M232A	Z	0	0	0 %100
165	M235	X	-18.26	-18.26	0 %100
166	M235	Z	0	0	0 %100
167	M237	X	-8.53	-8.53	0 %100
168	M237	Z	0	0	0 %100
169	M240A	X	-25.922	-25.922	0 %100
170	M240A	Z	0	0	0 %100
171	M242A	X	-13.892	-13.892	0 %100
172	M242A	Z	0	0	0 %100
173	M244	X	-1.861	-1.861	0 %100
174	M244	Z	0	0	0 %100
175	M246	X	-1.861	-1.861	0 %100
176	M246	Z	0	0	0 %100
177	M248	X	-13.892	-13.892	0 %100
178	M248	Z	0	0	0 %100
179	MP2A	X	-11.158	-11.158	0 %100
180	MP2A	Z	0	0	0 %100
181	MP3A	X	-9.218	-9.218	0 %100
182	MP3A	Z	0	0	0 %100
183	MP2C	X	-11.158	-11.158	0 %100
184	MP2C	Z	0	0	0 %100
185	MP2B	X	-11.158	-11.158	0 %100
186	MP2B	Z	0	0	0 %100
187	M256	X	-17.877	-17.877	0 %100
188	M256	Z	0	0	0 %100
189	M257	X	-16.215	-16.215	0 %100
190	M257	Z	0	0	0 %100
191	M258	X	-16.215	-16.215	0 %100

Member Distributed Loads (BLC 50 : Structure Wo (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
192	M258	Z	0	0	0	%100
193	M261	X	0	0	0	%100
194	M261	Z	0	0	0	%100
195	M264	X	-8.369	-8.369	0	%100
196	M264	Z	0	0	0	%100
197	M267	X	-8.369	-8.369	0	%100
198	M267	Z	0	0	0	%100
199	M274	X	-10.081	-10.081	0	%100
200	M274	Z	0	0	0	%100
201	M275	X	-10.081	-10.081	0	%100
202	M275	Z	0	0	0	%100
203	M276	X	0	0	0	%100
204	M276	Z	0	0	0	%100
205	MP1A	X	-9.218	-9.218	0	%100
206	MP1A	Z	0	0	0	%100
207	MP4A	X	-9.218	-9.218	0	%100
208	MP4A	Z	0	0	0	%100
209	MP3C	X	-9.218	-9.218	0	%100
210	MP3C	Z	0	0	0	%100
211	MP1C	X	-9.218	-9.218	0	%100
212	MP1C	Z	0	0	0	%100
213	MP4C	X	-9.218	-9.218	0	%100
214	MP4C	Z	0	0	0	%100
215	MP3B	X	-9.218	-9.218	0	%100
216	MP3B	Z	0	0	0	%100
217	MP1B	X	-9.218	-9.218	0	%100
218	MP1B	Z	0	0	0	%100
219	MP4B	X	-9.218	-9.218	0	%100
220	MP4B	Z	0	0	0	%100

Member Distributed Loads (BLC 51 : Structure Wo (300 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
1	M1	X	-6.185	-6.185	0	%100
2	M1	Z	-3.571	-3.571	0	%100
3	M7	X	-2.241	-2.241	0	%100
4	M7	Z	-1.294	-1.294	0	%100
5	M8	X	-10.084	-10.084	0	%100
6	M8	Z	-5.822	-5.822	0	%100
7	M13	X	-7.681	-7.681	0	%100
8	M13	Z	-4.435	-4.435	0	%100
9	M14	X	-.986	-.986	0	%100
10	M14	Z	-.569	-.569	0	%100
11	M18	X	-.986	-.986	0	%100
12	M18	Z	-.569	-.569	0	%100
13	M25	X	-7.983	-7.983	0	%100
14	M25	Z	-4.609	-4.609	0	%100
15	M26	X	-7.983	-7.983	0	%100
16	M26	Z	-4.609	-4.609	0	%100
17	M31	X	-3.011	-3.011	0	%100
18	M31	Z	-1.738	-1.738	0	%100
19	M42A	X	-2.241	-2.241	0	%100
20	M42A	Z	-1.294	-1.294	0	%100
21	M44A	X	-1.92	-1.92	0	%100
22	M44A	Z	-1.109	-1.109	0	%100
23	M44	X	-.986	-.986	0	%100
24	M44	Z	-.569	-.569	0	%100



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Member Distributed Loads (BLC 51 : Structure Wo (300 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
25	M46A	X	- .986	- .986	0 %100
26	M46A	Z	- .569	- .569	0 %100
27	M46B	X	-1.939	-1.939	0 %100
28	M46B	Z	-1.119	-1.119	0 %100
29	M34A	X	-7.681	-7.681	0 %100
30	M34A	Z	-4.435	-4.435	0 %100
31	M35	X	-1.92	-1.92	0 %100
32	M35	Z	-1.109	-1.109	0 %100
33	M36	X	-1.939	-1.939	0 %100
34	M36	Z	-1.119	-1.119	0 %100
35	M38	X	-12.044	-12.044	0 %100
36	M38	Z	-6.954	-6.954	0 %100
37	M42	X	-6.185	-6.185	0 %100
38	M42	Z	-3.571	-3.571	0 %100
39	M47	X	-2.241	-2.241	0 %100
40	M47	Z	-1.294	-1.294	0 %100
41	M48	X	-10.084	-10.084	0 %100
42	M48	Z	-5.822	-5.822	0 %100
43	M50	X	-1.92	-1.92	0 %100
44	M50	Z	-1.109	-1.109	0 %100
45	M51	X	- .986	- .986	0 %100
46	M51	Z	- .569	- .569	0 %100
47	M53	X	- .986	- .986	0 %100
48	M53	Z	- .569	- .569	0 %100
49	M56	X	-7.983	-7.983	0 %100
50	M56	Z	-4.609	-4.609	0 %100
51	M57	X	-7.983	-7.983	0 %100
52	M57	Z	-4.609	-4.609	0 %100
53	M59	X	-12.044	-12.044	0 %100
54	M59	Z	-6.954	-6.954	0 %100
55	M61	X	-2.241	-2.241	0 %100
56	M61	Z	-1.294	-1.294	0 %100
57	M62	X	-7.681	-7.681	0 %100
58	M62	Z	-4.435	-4.435	0 %100
59	M64	X	- .986	- .986	0 %100
60	M64	Z	- .569	- .569	0 %100
61	M66	X	- .986	- .986	0 %100
62	M66	Z	- .569	- .569	0 %100
63	M67	X	-1.939	-1.939	0 %100
64	M67	Z	-1.119	-1.119	0 %100
65	M68	X	-1.92	-1.92	0 %100
66	M68	Z	-1.109	-1.109	0 %100
67	M69	X	-7.681	-7.681	0 %100
68	M69	Z	-4.435	-4.435	0 %100
69	M70	X	-1.939	-1.939	0 %100
70	M70	Z	-1.119	-1.119	0 %100
71	M79	X	-3.011	-3.011	0 %100
72	M79	Z	-1.738	-1.738	0 %100
73	M83	X	0	0	0 %100
74	M83	Z	0	0	0 %100
75	M88	X	-8.963	-8.963	0 %100
76	M88	Z	-5.175	-5.175	0 %100
77	M89	X	-40.334	-40.334	0 %100
78	M89	Z	-23.287	-23.287	0 %100
79	M91	X	-1.92	-1.92	0 %100
80	M91	Z	-1.109	-1.109	0 %100
81	M92	X	0	0	0 %100

Member Distributed Loads (BLC 51 : Structure Wo (300 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
82	M92	Z	0	0	0	%100
83	M94	X	0	0	0	%100
84	M94	Z	0	0	0	%100
85	M97	X	0	0	0	%100
86	M97	Z	0	0	0	%100
87	M98	X	0	0	0	%100
88	M98	Z	0	0	0	%100
89	M100	X	-3.011	-3.011	0	%100
90	M100	Z	-1.738	-1.738	0	%100
91	M102	X	-8.963	-8.963	0	%100
92	M102	Z	-5.175	-5.175	0	%100
93	M103	X	-1.92	-1.92	0	%100
94	M103	Z	-1.109	-1.109	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	0	0	0	%100
97	M107	X	0	0	0	%100
98	M107	Z	0	0	0	%100
99	M108	X	-7.755	-7.755	0	%100
100	M108	Z	-4.478	-4.478	0	%100
101	M109	X	-1.92	-1.92	0	%100
102	M109	Z	-1.109	-1.109	0	%100
103	M110	X	-1.92	-1.92	0	%100
104	M110	Z	-1.109	-1.109	0	%100
105	M111	X	-7.755	-7.755	0	%100
106	M111	Z	-4.478	-4.478	0	%100
107	M118	X	-3.361	-3.361	0	%100
108	M118	Z	-1.941	-1.941	0	%100
109	M120	X	-3.011	-3.011	0	%100
110	M120	Z	-1.738	-1.738	0	%100
111	M121A	X	-3.361	-3.361	0	%100
112	M121A	Z	-1.941	-1.941	0	%100
113	M126	X	-13.445	-13.445	0	%100
114	M126	Z	-7.762	-7.762	0	%100
115	M131	X	-25.209	-25.209	0	%100
116	M131	Z	-14.554	-14.554	0	%100
117	M134	X	-25.209	-25.209	0	%100
118	M134	Z	-14.554	-14.554	0	%100
119	M148	X	-1.996	-1.996	0	%100
120	M148	Z	-1.152	-1.152	0	%100
121	M152B	X	-2.463	-2.463	0	%100
122	M152B	Z	-1.422	-1.422	0	%100
123	M155	X	-12.03	-12.03	0	%100
124	M155	Z	-6.946	-6.946	0	%100
125	M154	X	-1.996	-1.996	0	%100
126	M154	Z	-1.152	-1.152	0	%100
127	M157A	X	-7.983	-7.983	0	%100
128	M157A	Z	-4.609	-4.609	0	%100
129	M162	X	-5.947	-5.947	0	%100
130	M162	Z	-3.434	-3.434	0	%100
131	M163	X	-5.947	-5.947	0	%100
132	M163	Z	-3.434	-3.434	0	%100
133	M166	X	-1.85	-1.85	0	%100
134	M166	Z	-1.068	-1.068	0	%100
135	M167	X	-1.85	-1.85	0	%100
136	M167	Z	-1.068	-1.068	0	%100
137	M168	X	-7.399	-7.399	0	%100
138	M168	Z	-4.272	-4.272	0	%100

Member Distributed Loads (BLC 51 : Structure Wo (300 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
139	M169	X	-1.996	-1.996	0 %100
140	M169	Z	-1.152	-1.152	0 %100
141	M170	X	-1.996	-1.996	0 %100
142	M170	Z	-1.152	-1.152	0 %100
143	M171	X	-7.983	-7.983	0 %100
144	M171	Z	-4.609	-4.609	0 %100
145	M174	X	-2.124	-2.124	0 %100
146	M174	Z	-1.226	-1.226	0 %100
147	M177	X	-2.124	-2.124	0 %100
148	M177	Z	-1.226	-1.226	0 %100
149	M180	X	-2.124	-2.124	0 %100
150	M180	Z	-1.226	-1.226	0 %100
151	M183	X	-2.124	-2.124	0 %100
152	M183	Z	-1.226	-1.226	0 %100
153	M186	X	-8.496	-8.496	0 %100
154	M186	Z	-4.905	-4.905	0 %100
155	M189	X	-8.496	-8.496	0 %100
156	M189	Z	-4.905	-4.905	0 %100
157	M223	X	-7.108	-7.108	0 %100
158	M223	Z	-4.104	-4.104	0 %100
159	M226A	X	-7.108	-7.108	0 %100
160	M226A	Z	-4.104	-4.104	0 %100
161	M228A	X	-2.463	-2.463	0 %100
162	M228A	Z	-1.422	-1.422	0 %100
163	M232A	X	-20.167	-20.167	0 %100
164	M232A	Z	-11.644	-11.644	0 %100
165	M235	X	-20.167	-20.167	0 %100
166	M235	Z	-11.644	-11.644	0 %100
167	M237	X	-9.85	-9.85	0 %100
168	M237	Z	-5.687	-5.687	0 %100
169	M240A	X	-22.449	-22.449	0 %100
170	M240A	Z	-12.961	-12.961	0 %100
171	M242A	X	-22.449	-22.449	0 %100
172	M242A	Z	-12.961	-12.961	0 %100
173	M244	X	-12.03	-12.03	0 %100
174	M244	Z	-6.946	-6.946	0 %100
175	M246	X	-1.612	-1.612	0 %100
176	M246	Z	-0.931	-0.931	0 %100
177	M248	X	-1.612	-1.612	0 %100
178	M248	Z	-0.931	-0.931	0 %100
179	MP2A	X	-9.663	-9.663	0 %100
180	MP2A	Z	-5.579	-5.579	0 %100
181	MP3A	X	-7.983	-7.983	0 %100
182	MP3A	Z	-4.609	-4.609	0 %100
183	MP2C	X	-9.663	-9.663	0 %100
184	MP2C	Z	-5.579	-5.579	0 %100
185	MP2B	X	-9.663	-9.663	0 %100
186	MP2B	Z	-5.579	-5.579	0 %100
187	M256	X	-15.002	-15.002	0 %100
188	M256	Z	-8.661	-8.661	0 %100
189	M257	X	-15.002	-15.002	0 %100
190	M257	Z	-8.661	-8.661	0 %100
191	M258	X	-13.563	-13.563	0 %100
192	M258	Z	-7.831	-7.831	0 %100
193	M261	X	-2.416	-2.416	0 %100
194	M261	Z	-1.395	-1.395	0 %100
195	M264	X	-2.416	-2.416	0 %100

Member Distributed Loads (BLC 51 : Structure Wo (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
196	M264	Z	-1.395	-1.395	0	%100
197	M267	X	-9.663	-9.663	0	%100
198	M267	Z	-5.579	-5.579	0	%100
199	M274	X	-2.91	-2.91	0	%100
200	M274	Z	-1.68	-1.68	0	%100
201	M275	X	-11.64	-11.64	0	%100
202	M275	Z	-6.72	-6.72	0	%100
203	M276	X	-2.91	-2.91	0	%100
204	M276	Z	-1.68	-1.68	0	%100
205	MP1A	X	-7.983	-7.983	0	%100
206	MP1A	Z	-4.609	-4.609	0	%100
207	MP4A	X	-7.983	-7.983	0	%100
208	MP4A	Z	-4.609	-4.609	0	%100
209	MP3C	X	-7.983	-7.983	0	%100
210	MP3C	Z	-4.609	-4.609	0	%100
211	MP1C	X	-7.983	-7.983	0	%100
212	MP1C	Z	-4.609	-4.609	0	%100
213	MP4C	X	-7.983	-7.983	0	%100
214	MP4C	Z	-4.609	-4.609	0	%100
215	MP3B	X	-7.983	-7.983	0	%100
216	MP3B	Z	-4.609	-4.609	0	%100
217	MP1B	X	-7.983	-7.983	0	%100
218	MP1B	Z	-4.609	-4.609	0	%100
219	MP4B	X	-7.983	-7.983	0	%100
220	MP4B	Z	-4.609	-4.609	0	%100

Member Distributed Loads (BLC 52 : Structure Wo (330 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	-1.19	-1.19	0	%100
2	M1	Z	-2.062	-2.062	0	%100
3	M7	X	-3.881	-3.881	0	%100
4	M7	Z	-6.722	-6.722	0	%100
5	M8	X	-17.465	-17.465	0	%100
6	M8	Z	-30.251	-30.251	0	%100
7	M13	X	-3.326	-3.326	0	%100
8	M13	Z	-5.761	-5.761	0	%100
9	M14	X	-.19	-.19	0	%100
10	M14	Z	-.329	-.329	0	%100
11	M18	X	-.19	-.19	0	%100
12	M18	Z	-.329	-.329	0	%100
13	M25	X	-1.536	-1.536	0	%100
14	M25	Z	-2.661	-2.661	0	%100
15	M26	X	-1.536	-1.536	0	%100
16	M26	Z	-2.661	-2.661	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	0	0	0	%100
19	M42A	X	-3.881	-3.881	0	%100
20	M42A	Z	-6.722	-6.722	0	%100
21	M44A	X	0	0	0	%100
22	M44A	Z	0	0	0	%100
23	M44	X	-.19	-.19	0	%100
24	M44	Z	-.329	-.329	0	%100
25	M46A	X	-.19	-.19	0	%100
26	M46A	Z	-.329	-.329	0	%100
27	M46B	X	-3.358	-3.358	0	%100
28	M46B	Z	-5.817	-5.817	0	%100

Member Distributed Loads (BLC 52 : Structure Wo (330 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
29	M34A	X	-3.326	-3.326	0 %100
30	M34A	Z	-5.761	-5.761	0 %100
31	M35	X	0	0	0 %100
32	M35	Z	0	0	0 %100
33	M36	X	-3.358	-3.358	0 %100
34	M36	Z	-5.817	-5.817	0 %100
35	M38	X	-5.215	-5.215	0 %100
36	M38	Z	-9.033	-9.033	0 %100
37	M42	X	-4.761	-4.761	0 %100
38	M42	Z	-8.246	-8.246	0 %100
39	M47	X	0	0	0 %100
40	M47	Z	0	0	0 %100
41	M48	X	0	0	0 %100
42	M48	Z	0	0	0 %100
43	M50	X	-3.326	-3.326	0 %100
44	M50	Z	-5.761	-5.761	0 %100
45	M51	X	-0.759	-0.759	0 %100
46	M51	Z	-1.315	-1.315	0 %100
47	M53	X	-0.759	-0.759	0 %100
48	M53	Z	-1.315	-1.315	0 %100
49	M56	X	-6.145	-6.145	0 %100
50	M56	Z	-10.644	-10.644	0 %100
51	M57	X	-6.145	-6.145	0 %100
52	M57	Z	-10.644	-10.644	0 %100
53	M59	X	-5.215	-5.215	0 %100
54	M59	Z	-9.033	-9.033	0 %100
55	M61	X	0	0	0 %100
56	M61	Z	0	0	0 %100
57	M62	X	-3.326	-3.326	0 %100
58	M62	Z	-5.761	-5.761	0 %100
59	M64	X	-0.759	-0.759	0 %100
60	M64	Z	-1.315	-1.315	0 %100
61	M66	X	-0.759	-0.759	0 %100
62	M66	Z	-1.315	-1.315	0 %100
63	M67	X	0	0	0 %100
64	M67	Z	0	0	0 %100
65	M68	X	-3.326	-3.326	0 %100
66	M68	Z	-5.761	-5.761	0 %100
67	M69	X	-3.326	-3.326	0 %100
68	M69	Z	-5.761	-5.761	0 %100
69	M70	X	0	0	0 %100
70	M70	Z	0	0	0 %100
71	M79	X	-5.215	-5.215	0 %100
72	M79	Z	-9.033	-9.033	0 %100
73	M83	X	-1.19	-1.19	0 %100
74	M83	Z	-2.062	-2.062	0 %100
75	M88	X	-3.881	-3.881	0 %100
76	M88	Z	-6.722	-6.722	0 %100
77	M89	X	-17.465	-17.465	0 %100
78	M89	Z	-30.251	-30.251	0 %100
79	M91	X	0	0	0 %100
80	M91	Z	0	0	0 %100
81	M92	X	-0.19	-0.19	0 %100
82	M92	Z	-0.329	-0.329	0 %100
83	M94	X	-0.19	-0.19	0 %100
84	M94	Z	-0.329	-0.329	0 %100
85	M97	X	-1.536	-1.536	0 %100

Member Distributed Loads (BLC 52 : Structure Wo (330 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
86	M97	Z	-2.661	-2.661	0 %100
87	M98	X	-1.536	-1.536	0 %100
88	M98	Z	-2.661	-2.661	0 %100
89	M100	X	-5.215	-5.215	0 %100
90	M100	Z	-9.033	-9.033	0 %100
91	M102	X	-3.881	-3.881	0 %100
92	M102	Z	-6.722	-6.722	0 %100
93	M103	X	-3.326	-3.326	0 %100
94	M103	Z	-5.761	-5.761	0 %100
95	M105	X	-.19	-.19	0 %100
96	M105	Z	-.329	-.329	0 %100
97	M107	X	-.19	-.19	0 %100
98	M107	Z	-.329	-.329	0 %100
99	M108	X	-3.358	-3.358	0 %100
100	M108	Z	-5.817	-5.817	0 %100
101	M109	X	0	0	0 %100
102	M109	Z	0	0	0 %100
103	M110	X	-3.326	-3.326	0 %100
104	M110	Z	-5.761	-5.761	0 %100
105	M111	X	-3.358	-3.358	0 %100
106	M111	Z	-5.817	-5.817	0 %100
107	M118	X	-5.822	-5.822	0 %100
108	M118	Z	-10.084	-10.084	0 %100
109	M120	X	0	0	0 %100
110	M120	Z	0	0	0 %100
111	M121A	X	0	0	0 %100
112	M121A	Z	0	0	0 %100
113	M126	X	-5.822	-5.822	0 %100
114	M126	Z	-10.084	-10.084	0 %100
115	M131	X	-5.498	-5.498	0 %100
116	M131	Z	-9.523	-9.523	0 %100
117	M134	X	-5.498	-5.498	0 %100
118	M134	Z	-9.523	-9.523	0 %100
119	M148	X	-3.457	-3.457	0 %100
120	M148	Z	-5.987	-5.987	0 %100
121	M152B	X	-4.265	-4.265	0 %100
122	M152B	Z	-7.388	-7.388	0 %100
123	M155	X	-.931	-.931	0 %100
124	M155	Z	-1.612	-1.612	0 %100
125	M154	X	0	0	0 %100
126	M154	Z	0	0	0 %100
127	M157A	X	-3.457	-3.457	0 %100
128	M157A	Z	-5.987	-5.987	0 %100
129	M162	X	0	0	0 %100
130	M162	Z	0	0	0 %100
131	M163	X	0	0	0 %100
132	M163	Z	0	0	0 %100
133	M166	X	-3.204	-3.204	0 %100
134	M166	Z	-5.549	-5.549	0 %100
135	M167	X	0	0	0 %100
136	M167	Z	0	0	0 %100
137	M168	X	-3.204	-3.204	0 %100
138	M168	Z	-5.549	-5.549	0 %100
139	M169	X	-3.457	-3.457	0 %100
140	M169	Z	-5.987	-5.987	0 %100
141	M170	X	0	0	0 %100
142	M170	Z	0	0	0 %100

Member Distributed Loads (BLC 52 : Structure Wo (330 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
143	M171	X	-3.457	-3.457	0 %100
144	M171	Z	-5.987	-5.987	0 %100
145	M174	X	-3.679	-3.679	0 %100
146	M174	Z	-6.372	-6.372	0 %100
147	M177	X	-3.679	-3.679	0 %100
148	M177	Z	-6.372	-6.372	0 %100
149	M180	X	0	0	0 %100
150	M180	Z	0	0	0 %100
151	M183	X	0	0	0 %100
152	M183	Z	0	0	0 %100
153	M186	X	-3.679	-3.679	0 %100
154	M186	Z	-6.372	-6.372	0 %100
155	M189	X	-3.679	-3.679	0 %100
156	M189	Z	-6.372	-6.372	0 %100
157	M223	X	-1.59	-1.59	0 %100
158	M223	Z	-2.754	-2.754	0 %100
159	M226A	X	-1.59	-1.59	0 %100
160	M226A	Z	-2.754	-2.754	0 %100
161	M228A	X	0	0	0 %100
162	M228A	Z	0	0	0 %100
163	M232A	X	-9.13	-9.13	0 %100
164	M232A	Z	-15.814	-15.814	0 %100
165	M235	X	-9.13	-9.13	0 %100
166	M235	Z	-15.814	-15.814	0 %100
167	M237	X	-4.265	-4.265	0 %100
168	M237	Z	-7.388	-7.388	0 %100
169	M240A	X	-6.946	-6.946	0 %100
170	M240A	Z	-12.03	-12.03	0 %100
171	M242A	X	-12.961	-12.961	0 %100
172	M242A	Z	-22.449	-22.449	0 %100
173	M244	X	-12.961	-12.961	0 %100
174	M244	Z	-22.449	-22.449	0 %100
175	M246	X	-6.946	-6.946	0 %100
176	M246	Z	-12.03	-12.03	0 %100
177	M248	X	-0.931	-0.931	0 %100
178	M248	Z	-1.612	-1.612	0 %100
179	MP2A	X	-5.579	-5.579	0 %100
180	MP2A	Z	-9.663	-9.663	0 %100
181	MP3A	X	-4.609	-4.609	0 %100
182	MP3A	Z	-7.983	-7.983	0 %100
183	MP2C	X	-5.579	-5.579	0 %100
184	MP2C	Z	-9.663	-9.663	0 %100
185	MP2B	X	-5.579	-5.579	0 %100
186	MP2B	Z	-9.663	-9.663	0 %100
187	M256	X	-8.108	-8.108	0 %100
188	M256	Z	-14.043	-14.043	0 %100
189	M257	X	-8.938	-8.938	0 %100
190	M257	Z	-15.482	-15.482	0 %100
191	M258	X	-8.108	-8.108	0 %100
192	M258	Z	-14.043	-14.043	0 %100
193	M261	X	-4.184	-4.184	0 %100
194	M261	Z	-7.248	-7.248	0 %100
195	M264	X	0	0	0 %100
196	M264	Z	0	0	0 %100
197	M267	X	-4.184	-4.184	0 %100
198	M267	Z	-7.248	-7.248	0 %100
199	M274	X	0	0	0 %100

Member Distributed Loads (BLC 52 : Structure Wo (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
200	M274	Z	0	0	0	%100
201	M275	X	-5.04	-5.04	0	%100
202	M275	Z	-8.73	-8.73	0	%100
203	M276	X	-5.04	-5.04	0	%100
204	M276	Z	-8.73	-8.73	0	%100
205	MP1A	X	-4.609	-4.609	0	%100
206	MP1A	Z	-7.983	-7.983	0	%100
207	MP4A	X	-4.609	-4.609	0	%100
208	MP4A	Z	-7.983	-7.983	0	%100
209	MP3C	X	-4.609	-4.609	0	%100
210	MP3C	Z	-7.983	-7.983	0	%100
211	MP1C	X	-4.609	-4.609	0	%100
212	MP1C	Z	-7.983	-7.983	0	%100
213	MP4C	X	-4.609	-4.609	0	%100
214	MP4C	Z	-7.983	-7.983	0	%100
215	MP3B	X	-4.609	-4.609	0	%100
216	MP3B	Z	-7.983	-7.983	0	%100
217	MP1B	X	-4.609	-4.609	0	%100
218	MP1B	Z	-7.983	-7.983	0	%100
219	MP4B	X	-4.609	-4.609	0	%100
220	MP4B	Z	-7.983	-7.983	0	%100

Member Distributed Loads (BLC 53 : Structure Wi (0 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M7	X	0	0	0	%100
4	M7	Z	-3.68	-3.68	0	%100
5	M8	X	0	0	0	%100
6	M8	Z	-10.293	-10.293	0	%100
7	M13	X	0	0	0	%100
8	M13	Z	-.805	-.805	0	%100
9	M14	X	0	0	0	%100
10	M14	Z	0	0	0	%100
11	M18	X	0	0	0	%100
12	M18	Z	0	0	0	%100
13	M25	X	0	0	0	%100
14	M25	Z	0	0	0	%100
15	M26	X	0	0	0	%100
16	M26	Z	0	0	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	-1.081	-1.081	0	%100
19	M42A	X	0	0	0	%100
20	M42A	Z	-3.68	-3.68	0	%100
21	M44A	X	0	0	0	%100
22	M44A	Z	-.805	-.805	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	0	0	0	%100
25	M46A	X	0	0	0	%100
26	M46A	Z	0	0	0	%100
27	M46B	X	0	0	0	%100
28	M46B	Z	-3.244	-3.244	0	%100
29	M34A	X	0	0	0	%100
30	M34A	Z	-.805	-.805	0	%100
31	M35	X	0	0	0	%100
32	M35	Z	-.805	-.805	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Apr 25, 2022
 10:59 AM
 Checked By: _____

Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
33	M36	X	0	0	%100
34	M36	Z	-3.244	-3.244	%100
35	M38	X	0	0	%100
36	M38	Z	-1.081	-1.081	%100
37	M42	X	0	0	%100
38	M42	Z	-2.699	-2.699	%100
39	M47	X	0	0	%100
40	M47	Z	-.92	-.92	%100
41	M48	X	0	0	%100
42	M48	Z	-2.573	-2.573	%100
43	M50	X	0	0	%100
44	M50	Z	-3.22	-3.22	%100
45	M51	X	0	0	%100
46	M51	Z	-1.332	-1.332	%100
47	M53	X	0	0	%100
48	M53	Z	-1.332	-1.332	%100
49	M56	X	0	0	%100
50	M56	Z	-3.219	-3.219	%100
51	M57	X	0	0	%100
52	M57	Z	-3.219	-3.219	%100
53	M59	X	0	0	%100
54	M59	Z	-1.081	-1.081	%100
55	M61	X	0	0	%100
56	M61	Z	-.92	-.92	%100
57	M62	X	0	0	%100
58	M62	Z	-.805	-.805	%100
59	M64	X	0	0	%100
60	M64	Z	-1.332	-1.332	%100
61	M66	X	0	0	%100
62	M66	Z	-1.332	-1.332	%100
63	M67	X	0	0	%100
64	M67	Z	-.811	-.811	%100
65	M68	X	0	0	%100
66	M68	Z	-3.22	-3.22	%100
67	M69	X	0	0	%100
68	M69	Z	-.805	-.805	%100
69	M70	X	0	0	%100
70	M70	Z	-.811	-.811	%100
71	M79	X	0	0	%100
72	M79	Z	-4.326	-4.326	%100
73	M83	X	0	0	%100
74	M83	Z	-2.699	-2.699	%100
75	M88	X	0	0	%100
76	M88	Z	-.92	-.92	%100
77	M89	X	0	0	%100
78	M89	Z	-2.573	-2.573	%100
79	M91	X	0	0	%100
80	M91	Z	-.805	-.805	%100
81	M92	X	0	0	%100
82	M92	Z	-1.332	-1.332	%100
83	M94	X	0	0	%100
84	M94	Z	-1.332	-1.332	%100
85	M97	X	0	0	%100
86	M97	Z	-3.219	-3.219	%100
87	M98	X	0	0	%100
88	M98	Z	-3.219	-3.219	%100
89	M100	X	0	0	%100

Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
90	M100	Z	-4.326	-4.326	0 %100
91	M102	X	0	0	0 %100
92	M102	Z	-.92	-.92	0 %100
93	M103	X	0	0	0 %100
94	M103	Z	-3.22	-3.22	0 %100
95	M105	X	0	0	0 %100
96	M105	Z	-1.332	-1.332	0 %100
97	M107	X	0	0	0 %100
98	M107	Z	-1.332	-1.332	0 %100
99	M108	X	0	0	0 %100
100	M108	Z	-.811	-.811	0 %100
101	M109	X	0	0	0 %100
102	M109	Z	-.805	-.805	0 %100
103	M110	X	0	0	0 %100
104	M110	Z	-3.22	-3.22	0 %100
105	M111	X	0	0	0 %100
106	M111	Z	-.811	-.811	0 %100
107	M118	X	0	0	0 %100
108	M118	Z	-4.835	-4.835	0 %100
109	M120	X	0	0	0 %100
110	M120	Z	-1.081	-1.081	0 %100
111	M121A	X	0	0	0 %100
112	M121A	Z	-1.209	-1.209	0 %100
113	M126	X	0	0	0 %100
114	M126	Z	-1.209	-1.209	0 %100
115	M131	X	0	0	0 %100
116	M131	Z	-1.901	-1.901	0 %100
117	M134	X	0	0	0 %100
118	M134	Z	-1.901	-1.901	0 %100
119	M148	X	0	0	0 %100
120	M148	Z	-3.969	-3.969	0 %100
121	M152B	X	0	0	0 %100
122	M152B	Z	-4.377	-4.377	0 %100
123	M155	X	0	0	0 %100
124	M155	Z	-.452	-.452	0 %100
125	M154	X	0	0	0 %100
126	M154	Z	-.992	-.992	0 %100
127	M157A	X	0	0	0 %100
128	M157A	Z	-.992	-.992	0 %100
129	M162	X	0	0	0 %100
130	M162	Z	-1.67	-1.67	0 %100
131	M163	X	0	0	0 %100
132	M163	Z	-1.67	-1.67	0 %100
133	M166	X	0	0	0 %100
134	M166	Z	-3.665	-3.665	0 %100
135	M167	X	0	0	0 %100
136	M167	Z	-.916	-.916	0 %100
137	M168	X	0	0	0 %100
138	M168	Z	-.916	-.916	0 %100
139	M169	X	0	0	0 %100
140	M169	Z	-3.969	-3.969	0 %100
141	M170	X	0	0	0 %100
142	M170	Z	-.992	-.992	0 %100
143	M171	X	0	0	0 %100
144	M171	Z	-.992	-.992	0 %100
145	M174	X	0	0	0 %100
146	M174	Z	-3.511	-3.511	0 %100

Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
147	M177	X	0	0	0	%100
148	M177	Z	-3.511	-3.511	0	%100
149	M180	X	0	0	0	%100
150	M180	Z	-.878	-.878	0	%100
151	M183	X	0	0	0	%100
152	M183	Z	-.878	-.878	0	%100
153	M186	X	0	0	0	%100
154	M186	Z	-.878	-.878	0	%100
155	M189	X	0	0	0	%100
156	M189	Z	-.878	-.878	0	%100
157	M223	X	0	0	0	%100
158	M223	Z	-3.085	-3.085	0	%100
159	M226A	X	0	0	0	%100
160	M226A	Z	-3.085	-3.085	0	%100
161	M228A	X	0	0	0	%100
162	M228A	Z	-1.094	-1.094	0	%100
163	M232A	X	0	0	0	%100
164	M232A	Z	-3.085	-3.085	0	%100
165	M235	X	0	0	0	%100
166	M235	Z	-3.085	-3.085	0	%100
167	M237	X	0	0	0	%100
168	M237	Z	-1.094	-1.094	0	%100
169	M240A	X	0	0	0	%100
170	M240A	Z	-.452	-.452	0	%100
171	M242A	X	0	0	0	%100
172	M242A	Z	-3.37	-3.37	0	%100
173	M244	X	0	0	0	%100
174	M244	Z	-6.289	-6.289	0	%100
175	M246	X	0	0	0	%100
176	M246	Z	-6.289	-6.289	0	%100
177	M248	X	0	0	0	%100
178	M248	Z	-3.37	-3.37	0	%100
179	MP2A	X	0	0	0	%100
180	MP2A	Z	-4.458	-4.458	0	%100
181	MP3A	X	0	0	0	%100
182	MP3A	Z	-4.091	-4.091	0	%100
183	MP2C	X	0	0	0	%100
184	MP2C	Z	-4.458	-4.458	0	%100
185	MP2B	X	0	0	0	%100
186	MP2B	Z	-4.458	-4.458	0	%100
187	M256	X	0	0	0	%100
188	M256	Z	-4.085	-4.085	0	%100
189	M257	X	0	0	0	%100
190	M257	Z	-5.203	-5.203	0	%100
191	M258	X	0	0	0	%100
192	M258	Z	-5.203	-5.203	0	%100
193	M261	X	0	0	0	%100
194	M261	Z	-4.662	-4.662	0	%100
195	M264	X	0	0	0	%100
196	M264	Z	-1.165	-1.165	0	%100
197	M267	X	0	0	0	%100
198	M267	Z	-1.165	-1.165	0	%100
199	M274	X	0	0	0	%100
200	M274	Z	-1.046	-1.046	0	%100
201	M275	X	0	0	0	%100
202	M275	Z	-1.046	-1.046	0	%100
203	M276	X	0	0	0	%100

Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
204	M276	Z	-4.183	-4.183	0	%100
205	MP1A	X	0	0	0	%100
206	MP1A	Z	-4.105	-4.105	0	%100
207	MP4A	X	0	0	0	%100
208	MP4A	Z	-4.091	-4.091	0	%100
209	MP3C	X	0	0	0	%100
210	MP3C	Z	-4.091	-4.091	0	%100
211	MP1C	X	0	0	0	%100
212	MP1C	Z	-4.105	-4.105	0	%100
213	MP4C	X	0	0	0	%100
214	MP4C	Z	-4.091	-4.091	0	%100
215	MP3B	X	0	0	0	%100
216	MP3B	Z	-4.091	-4.091	0	%100
217	MP1B	X	0	0	0	%100
218	MP1B	Z	-4.105	-4.105	0	%100
219	MP4B	X	0	0	0	%100
220	MP4B	Z	-4.091	-4.091	0	%100

Member Distributed Loads (BLC 54 : Structure Wi (30 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	.45	.45	0	%100
2	M1	Z	-.779	-.779	0	%100
3	M7	X	1.38	1.38	0	%100
4	M7	Z	-2.39	-2.39	0	%100
5	M8	X	3.86	3.86	0	%100
6	M8	Z	-6.685	-6.685	0	%100
7	M13	X	0	0	0	%100
8	M13	Z	0	0	0	%100
9	M14	X	.222	.222	0	%100
10	M14	Z	-.384	-.384	0	%100
11	M18	X	.222	.222	0	%100
12	M18	Z	-.384	-.384	0	%100
13	M25	X	.536	.536	0	%100
14	M25	Z	-.929	-.929	0	%100
15	M26	X	.536	.536	0	%100
16	M26	Z	-.929	-.929	0	%100
17	M31	X	1.622	1.622	0	%100
18	M31	Z	-2.81	-2.81	0	%100
19	M42A	X	1.38	1.38	0	%100
20	M42A	Z	-2.39	-2.39	0	%100
21	M44A	X	1.207	1.207	0	%100
22	M44A	Z	-2.091	-2.091	0	%100
23	M44	X	.222	.222	0	%100
24	M44	Z	-.384	-.384	0	%100
25	M46A	X	.222	.222	0	%100
26	M46A	Z	-.384	-.384	0	%100
27	M46B	X	1.217	1.217	0	%100
28	M46B	Z	-2.107	-2.107	0	%100
29	M34A	X	0	0	0	%100
30	M34A	Z	0	0	0	%100
31	M35	X	1.207	1.207	0	%100
32	M35	Z	-2.091	-2.091	0	%100
33	M36	X	1.217	1.217	0	%100
34	M36	Z	-2.107	-2.107	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	0	0	0	%100



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Member Distributed Loads (BLC 54 : Structure Wi (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
37	M42	X	.45	.45	0	%100
38	M42	Z	-.779	-.779	0	%100
39	M47	X	1.38	1.38	0	%100
40	M47	Z	-2.39	-2.39	0	%100
41	M48	X	3.86	3.86	0	%100
42	M48	Z	-6.685	-6.685	0	%100
43	M50	X	1.207	1.207	0	%100
44	M50	Z	-2.091	-2.091	0	%100
45	M51	X	.222	.222	0	%100
46	M51	Z	-.384	-.384	0	%100
47	M53	X	.222	.222	0	%100
48	M53	Z	-.384	-.384	0	%100
49	M56	X	.536	.536	0	%100
50	M56	Z	-.929	-.929	0	%100
51	M57	X	.536	.536	0	%100
52	M57	Z	-.929	-.929	0	%100
53	M59	X	0	0	0	%100
54	M59	Z	0	0	0	%100
55	M61	X	1.38	1.38	0	%100
56	M61	Z	-2.39	-2.39	0	%100
57	M62	X	0	0	0	%100
58	M62	Z	0	0	0	%100
59	M64	X	.222	.222	0	%100
60	M64	Z	-.384	-.384	0	%100
61	M66	X	.222	.222	0	%100
62	M66	Z	-.384	-.384	0	%100
63	M67	X	1.217	1.217	0	%100
64	M67	Z	-2.107	-2.107	0	%100
65	M68	X	1.207	1.207	0	%100
66	M68	Z	-2.091	-2.091	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	1.217	1.217	0	%100
70	M70	Z	-2.107	-2.107	0	%100
71	M79	X	1.622	1.622	0	%100
72	M79	Z	-2.81	-2.81	0	%100
73	M83	X	1.799	1.799	0	%100
74	M83	Z	-3.117	-3.117	0	%100
75	M88	X	0	0	0	%100
76	M88	Z	0	0	0	%100
77	M89	X	0	0	0	%100
78	M89	Z	0	0	0	%100
79	M91	X	1.207	1.207	0	%100
80	M91	Z	-2.091	-2.091	0	%100
81	M92	X	.888	.888	0	%100
82	M92	Z	-1.538	-1.538	0	%100
83	M94	X	.888	.888	0	%100
84	M94	Z	-1.538	-1.538	0	%100
85	M97	X	2.146	2.146	0	%100
86	M97	Z	-3.717	-3.717	0	%100
87	M98	X	2.146	2.146	0	%100
88	M98	Z	-3.717	-3.717	0	%100
89	M100	X	1.622	1.622	0	%100
90	M100	Z	-2.81	-2.81	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	0	0	0	%100
93	M103	X	1.207	1.207	0	%100

Member Distributed Loads (BLC 54 : Structure Wi (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
94	M103	Z	-2.091	-2.091	0	%100
95	M105	X	.888	.888	0	%100
96	M105	Z	-1.538	-1.538	0	%100
97	M107	X	.888	.888	0	%100
98	M107	Z	-1.538	-1.538	0	%100
99	M108	X	0	0	0	%100
100	M108	Z	0	0	0	%100
101	M109	X	1.207	1.207	0	%100
102	M109	Z	-2.091	-2.091	0	%100
103	M110	X	1.207	1.207	0	%100
104	M110	Z	-2.091	-2.091	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	0	0	0	%100
107	M118	X	1.813	1.813	0	%100
108	M118	Z	-3.141	-3.141	0	%100
109	M120	X	1.622	1.622	0	%100
110	M120	Z	-2.81	-2.81	0	%100
111	M121A	X	1.813	1.813	0	%100
112	M121A	Z	-3.141	-3.141	0	%100
113	M126	X	0	0	0	%100
114	M126	Z	0	0	0	%100
115	M131	X	1.806	1.806	0	%100
116	M131	Z	-3.128	-3.128	0	%100
117	M134	X	1.806	1.806	0	%100
118	M134	Z	-3.128	-3.128	0	%100
119	M148	X	1.488	1.488	0	%100
120	M148	Z	-2.578	-2.578	0	%100
121	M152B	X	1.641	1.641	0	%100
122	M152B	Z	-2.843	-2.843	0	%100
123	M155	X	1.685	1.685	0	%100
124	M155	Z	-2.919	-2.919	0	%100
125	M154	X	1.488	1.488	0	%100
126	M154	Z	-2.578	-2.578	0	%100
127	M157A	X	0	0	0	%100
128	M157A	Z	0	0	0	%100
129	M162	X	2.506	2.506	0	%100
130	M162	Z	-4.34	-4.34	0	%100
131	M163	X	2.506	2.506	0	%100
132	M163	Z	-4.34	-4.34	0	%100
133	M166	X	1.374	1.374	0	%100
134	M166	Z	-2.381	-2.381	0	%100
135	M167	X	1.374	1.374	0	%100
136	M167	Z	-2.381	-2.381	0	%100
137	M168	X	0	0	0	%100
138	M168	Z	0	0	0	%100
139	M169	X	1.488	1.488	0	%100
140	M169	Z	-2.578	-2.578	0	%100
141	M170	X	1.488	1.488	0	%100
142	M170	Z	-2.578	-2.578	0	%100
143	M171	X	0	0	0	%100
144	M171	Z	0	0	0	%100
145	M174	X	1.316	1.316	0	%100
146	M174	Z	-2.28	-2.28	0	%100
147	M177	X	1.316	1.316	0	%100
148	M177	Z	-2.28	-2.28	0	%100
149	M180	X	1.316	1.316	0	%100
150	M180	Z	-2.28	-2.28	0	%100



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Member Distributed Loads (BLC 54 : Structure Wi (30 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
151	M183	X	1.316	1.316	0 %100
152	M183	Z	-2.28	-2.28	0 %100
153	M186	X	0	0	0 %100
154	M186	Z	0	0	0 %100
155	M189	X	0	0	0 %100
156	M189	Z	0	0	0 %100
157	M223	X	2.493	2.493	0 %100
158	M223	Z	-4.318	-4.318	0 %100
159	M226A	X	2.493	2.493	0 %100
160	M226A	Z	-4.318	-4.318	0 %100
161	M228A	X	1.641	1.641	0 %100
162	M228A	Z	-2.843	-2.843	0 %100
163	M232A	X	1.067	1.067	0 %100
164	M232A	Z	-1.849	-1.849	0 %100
165	M235	X	1.067	1.067	0 %100
166	M235	Z	-1.849	-1.849	0 %100
167	M237	X	0	0	0 %100
168	M237	Z	0	0	0 %100
169	M240A	X	.226	.226	0 %100
170	M240A	Z	-.391	-.391	0 %100
171	M242A	X	.226	.226	0 %100
172	M242A	Z	-.391	-.391	0 %100
173	M244	X	1.685	1.685	0 %100
174	M244	Z	-2.919	-2.919	0 %100
175	M246	X	3.145	3.145	0 %100
176	M246	Z	-5.447	-5.447	0 %100
177	M248	X	3.145	3.145	0 %100
178	M248	Z	-5.447	-5.447	0 %100
179	MP2A	X	2.229	2.229	0 %100
180	MP2A	Z	-3.861	-3.861	0 %100
181	MP3A	X	2.046	2.046	0 %100
182	MP3A	Z	-3.543	-3.543	0 %100
183	MP2C	X	2.229	2.229	0 %100
184	MP2C	Z	-3.861	-3.861	0 %100
185	MP2B	X	2.229	2.229	0 %100
186	MP2B	Z	-3.861	-3.861	0 %100
187	M256	X	2.229	2.229	0 %100
188	M256	Z	-3.86	-3.86	0 %100
189	M257	X	2.229	2.229	0 %100
190	M257	Z	-3.86	-3.86	0 %100
191	M258	X	2.788	2.788	0 %100
192	M258	Z	-4.829	-4.829	0 %100
193	M261	X	1.748	1.748	0 %100
194	M261	Z	-3.028	-3.028	0 %100
195	M264	X	1.748	1.748	0 %100
196	M264	Z	-3.028	-3.028	0 %100
197	M267	X	0	0	0 %100
198	M267	Z	0	0	0 %100
199	M274	X	1.569	1.569	0 %100
200	M274	Z	-2.717	-2.717	0 %100
201	M275	X	0	0	0 %100
202	M275	Z	0	0	0 %100
203	M276	X	1.569	1.569	0 %100
204	M276	Z	-2.717	-2.717	0 %100
205	MP1A	X	2.052	2.052	0 %100
206	MP1A	Z	-3.555	-3.555	0 %100
207	MP4A	X	2.046	2.046	0 %100

Member Distributed Loads (BLC 54 : Structure Wi (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
208	MP4A	Z	-3.543	-3.543	0	%100
209	MP3C	X	2.046	2.046	0	%100
210	MP3C	Z	-3.543	-3.543	0	%100
211	MP1C	X	2.052	2.052	0	%100
212	MP1C	Z	-3.555	-3.555	0	%100
213	MP4C	X	2.046	2.046	0	%100
214	MP4C	Z	-3.543	-3.543	0	%100
215	MP3B	X	2.046	2.046	0	%100
216	MP3B	Z	-3.543	-3.543	0	%100
217	MP1B	X	2.052	2.052	0	%100
218	MP1B	Z	-3.555	-3.555	0	%100
219	MP4B	X	2.046	2.046	0	%100
220	MP4B	Z	-3.543	-3.543	0	%100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	2.338	2.338	0	%100
2	M1	Z	-1.35	-1.35	0	%100
3	M7	X	.797	.797	0	%100
4	M7	Z	-.46	-.46	0	%100
5	M8	X	2.228	2.228	0	%100
6	M8	Z	-1.287	-1.287	0	%100
7	M13	X	.697	.697	0	%100
8	M13	Z	-.402	-.402	0	%100
9	M14	X	1.153	1.153	0	%100
10	M14	Z	-.666	-.666	0	%100
11	M18	X	1.153	1.153	0	%100
12	M18	Z	-.666	-.666	0	%100
13	M25	X	2.788	2.788	0	%100
14	M25	Z	-1.609	-1.609	0	%100
15	M26	X	2.788	2.788	0	%100
16	M26	Z	-1.609	-1.609	0	%100
17	M31	X	3.746	3.746	0	%100
18	M31	Z	-2.163	-2.163	0	%100
19	M42A	X	.797	.797	0	%100
20	M42A	Z	-.46	-.46	0	%100
21	M44A	X	2.788	2.788	0	%100
22	M44A	Z	-1.61	-1.61	0	%100
23	M44	X	1.153	1.153	0	%100
24	M44	Z	-.666	-.666	0	%100
25	M46A	X	1.153	1.153	0	%100
26	M46A	Z	-.666	-.666	0	%100
27	M46B	X	.702	.702	0	%100
28	M46B	Z	-.406	-.406	0	%100
29	M34A	X	.697	.697	0	%100
30	M34A	Z	-.402	-.402	0	%100
31	M35	X	2.788	2.788	0	%100
32	M35	Z	-1.61	-1.61	0	%100
33	M36	X	.702	.702	0	%100
34	M36	Z	-.406	-.406	0	%100
35	M38	X	.937	.937	0	%100
36	M38	Z	-.541	-.541	0	%100
37	M42	X	0	0	0	%100
38	M42	Z	0	0	0	%100
39	M47	X	3.187	3.187	0	%100
40	M47	Z	-1.84	-1.84	0	%100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
41	M48	X	8.914	8.914	0 %100
42	M48	Z	-5.146	-5.146	0 %100
43	M50	X	.697	.697	0 %100
44	M50	Z	-.402	-.402	0 %100
45	M51	X	0	0	0 %100
46	M51	Z	0	0	0 %100
47	M53	X	0	0	0 %100
48	M53	Z	0	0	0 %100
49	M56	X	0	0	0 %100
50	M56	Z	0	0	0 %100
51	M57	X	0	0	0 %100
52	M57	Z	0	0	0 %100
53	M59	X	.937	.937	0 %100
54	M59	Z	-.541	-.541	0 %100
55	M61	X	3.187	3.187	0 %100
56	M61	Z	-1.84	-1.84	0 %100
57	M62	X	.697	.697	0 %100
58	M62	Z	-.402	-.402	0 %100
59	M64	X	0	0	0 %100
60	M64	Z	0	0	0 %100
61	M66	X	0	0	0 %100
62	M66	Z	0	0	0 %100
63	M67	X	2.81	2.81	0 %100
64	M67	Z	-1.622	-1.622	0 %100
65	M68	X	.697	.697	0 %100
66	M68	Z	-.402	-.402	0 %100
67	M69	X	.697	.697	0 %100
68	M69	Z	-.402	-.402	0 %100
69	M70	X	2.81	2.81	0 %100
70	M70	Z	-1.622	-1.622	0 %100
71	M79	X	.937	.937	0 %100
72	M79	Z	-.541	-.541	0 %100
73	M83	X	2.338	2.338	0 %100
74	M83	Z	-1.35	-1.35	0 %100
75	M88	X	.797	.797	0 %100
76	M88	Z	-.46	-.46	0 %100
77	M89	X	2.228	2.228	0 %100
78	M89	Z	-1.287	-1.287	0 %100
79	M91	X	2.788	2.788	0 %100
80	M91	Z	-1.61	-1.61	0 %100
81	M92	X	1.153	1.153	0 %100
82	M92	Z	-.666	-.666	0 %100
83	M94	X	1.153	1.153	0 %100
84	M94	Z	-.666	-.666	0 %100
85	M97	X	2.788	2.788	0 %100
86	M97	Z	-1.609	-1.609	0 %100
87	M98	X	2.788	2.788	0 %100
88	M98	Z	-1.609	-1.609	0 %100
89	M100	X	.937	.937	0 %100
90	M100	Z	-.541	-.541	0 %100
91	M102	X	.797	.797	0 %100
92	M102	Z	-.46	-.46	0 %100
93	M103	X	.697	.697	0 %100
94	M103	Z	-.402	-.402	0 %100
95	M105	X	1.153	1.153	0 %100
96	M105	Z	-.666	-.666	0 %100
97	M107	X	1.153	1.153	0 %100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
98	M107	Z	-.666	-.666	0	%100
99	M108	X	.702	.702	0	%100
100	M108	Z	-.406	-.406	0	%100
101	M109	X	2.788	2.788	0	%100
102	M109	Z	-1.61	-1.61	0	%100
103	M110	X	.697	.697	0	%100
104	M110	Z	-.402	-.402	0	%100
105	M111	X	.702	.702	0	%100
106	M111	Z	-.406	-.406	0	%100
107	M118	X	1.047	1.047	0	%100
108	M118	Z	-.604	-.604	0	%100
109	M120	X	3.746	3.746	0	%100
110	M120	Z	-2.163	-2.163	0	%100
111	M121A	X	4.187	4.187	0	%100
112	M121A	Z	-2.418	-2.418	0	%100
113	M126	X	1.047	1.047	0	%100
114	M126	Z	-.604	-.604	0	%100
115	M131	X	6.094	6.094	0	%100
116	M131	Z	-3.518	-3.518	0	%100
117	M134	X	6.094	6.094	0	%100
118	M134	Z	-3.518	-3.518	0	%100
119	M148	X	.859	.859	0	%100
120	M148	Z	-.496	-.496	0	%100
121	M152B	X	.948	.948	0	%100
122	M152B	Z	-.547	-.547	0	%100
123	M155	X	5.447	5.447	0	%100
124	M155	Z	-3.145	-3.145	0	%100
125	M154	X	3.437	3.437	0	%100
126	M154	Z	-1.985	-1.985	0	%100
127	M157A	X	.859	.859	0	%100
128	M157A	Z	-.496	-.496	0	%100
129	M162	X	5.786	5.786	0	%100
130	M162	Z	-3.341	-3.341	0	%100
131	M163	X	5.786	5.786	0	%100
132	M163	Z	-3.341	-3.341	0	%100
133	M166	X	.794	.794	0	%100
134	M166	Z	-.458	-.458	0	%100
135	M167	X	3.174	3.174	0	%100
136	M167	Z	-1.833	-1.833	0	%100
137	M168	X	.794	.794	0	%100
138	M168	Z	-.458	-.458	0	%100
139	M169	X	.859	.859	0	%100
140	M169	Z	-.496	-.496	0	%100
141	M170	X	3.437	3.437	0	%100
142	M170	Z	-1.985	-1.985	0	%100
143	M171	X	.859	.859	0	%100
144	M171	Z	-.496	-.496	0	%100
145	M174	X	.76	.76	0	%100
146	M174	Z	-.439	-.439	0	%100
147	M177	X	.76	.76	0	%100
148	M177	Z	-.439	-.439	0	%100
149	M180	X	3.04	3.04	0	%100
150	M180	Z	-1.755	-1.755	0	%100
151	M183	X	3.04	3.04	0	%100
152	M183	Z	-1.755	-1.755	0	%100
153	M186	X	.76	.76	0	%100
154	M186	Z	-.439	-.439	0	%100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
155	M189	X	.76	.76	0 %100
156	M189	Z	-.439	-.439	0 %100
157	M223	X	5.141	5.141	0 %100
158	M223	Z	-2.968	-2.968	0 %100
159	M226A	X	5.141	5.141	0 %100
160	M226A	Z	-2.968	-2.968	0 %100
161	M228A	X	3.79	3.79	0 %100
162	M228A	Z	-2.188	-2.188	0 %100
163	M232A	X	2.672	2.672	0 %100
164	M232A	Z	-1.543	-1.543	0 %100
165	M235	X	2.672	2.672	0 %100
166	M235	Z	-1.543	-1.543	0 %100
167	M237	X	.948	.948	0 %100
168	M237	Z	-.547	-.547	0 %100
169	M240A	X	2.919	2.919	0 %100
170	M240A	Z	-1.685	-1.685	0 %100
171	M242A	X	.391	.391	0 %100
172	M242A	Z	-.226	-.226	0 %100
173	M244	X	.391	.391	0 %100
174	M244	Z	-.226	-.226	0 %100
175	M246	X	2.919	2.919	0 %100
176	M246	Z	-1.685	-1.685	0 %100
177	M248	X	5.447	5.447	0 %100
178	M248	Z	-3.145	-3.145	0 %100
179	MP2A	X	3.861	3.861	0 %100
180	MP2A	Z	-2.229	-2.229	0 %100
181	MP3A	X	3.543	3.543	0 %100
182	MP3A	Z	-2.046	-2.046	0 %100
183	MP2C	X	3.861	3.861	0 %100
184	MP2C	Z	-2.229	-2.229	0 %100
185	MP2B	X	3.861	3.861	0 %100
186	MP2B	Z	-2.229	-2.229	0 %100
187	M256	X	4.506	4.506	0 %100
188	M256	Z	-2.602	-2.602	0 %100
189	M257	X	3.537	3.537	0 %100
190	M257	Z	-2.042	-2.042	0 %100
191	M258	X	4.506	4.506	0 %100
192	M258	Z	-2.602	-2.602	0 %100
193	M261	X	1.009	1.009	0 %100
194	M261	Z	-.583	-.583	0 %100
195	M264	X	4.037	4.037	0 %100
196	M264	Z	-2.331	-2.331	0 %100
197	M267	X	1.009	1.009	0 %100
198	M267	Z	-.583	-.583	0 %100
199	M274	X	3.623	3.623	0 %100
200	M274	Z	-2.092	-2.092	0 %100
201	M275	X	.906	.906	0 %100
202	M275	Z	-.523	-.523	0 %100
203	M276	X	.906	.906	0 %100
204	M276	Z	-.523	-.523	0 %100
205	MP1A	X	3.555	3.555	0 %100
206	MP1A	Z	-2.052	-2.052	0 %100
207	MP4A	X	3.543	3.543	0 %100
208	MP4A	Z	-2.046	-2.046	0 %100
209	MP3C	X	3.543	3.543	0 %100
210	MP3C	Z	-2.046	-2.046	0 %100
211	MP1C	X	3.555	3.555	0 %100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
212	MP1C	Z	-2.052	-2.052	0	%100
213	MP4C	X	3.543	3.543	0	%100
214	MP4C	Z	-2.046	-2.046	0	%100
215	MP3B	X	3.543	3.543	0	%100
216	MP3B	Z	-2.046	-2.046	0	%100
217	MP1B	X	3.555	3.555	0	%100
218	MP1B	Z	-2.052	-2.052	0	%100
219	MP4B	X	3.543	3.543	0	%100
220	MP4B	Z	-2.046	-2.046	0	%100

Member Distributed Loads (BLC 56 : Structure Wi (90 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	3.599	3.599	0	%100
2	M1	Z	0	0	0	%100
3	M7	X	0	0	0	%100
4	M7	Z	0	0	0	%100
5	M8	X	0	0	0	%100
6	M8	Z	0	0	0	%100
7	M13	X	2.415	2.415	0	%100
8	M13	Z	0	0	0	%100
9	M14	X	1.776	1.776	0	%100
10	M14	Z	0	0	0	%100
11	M18	X	1.776	1.776	0	%100
12	M18	Z	0	0	0	%100
13	M25	X	4.292	4.292	0	%100
14	M25	Z	0	0	0	%100
15	M26	X	4.292	4.292	0	%100
16	M26	Z	0	0	0	%100
17	M31	X	3.244	3.244	0	%100
18	M31	Z	0	0	0	%100
19	M42A	X	0	0	0	%100
20	M42A	Z	0	0	0	%100
21	M44A	X	2.415	2.415	0	%100
22	M44A	Z	0	0	0	%100
23	M44	X	1.776	1.776	0	%100
24	M44	Z	0	0	0	%100
25	M46A	X	1.776	1.776	0	%100
26	M46A	Z	0	0	0	%100
27	M46B	X	0	0	0	%100
28	M46B	Z	0	0	0	%100
29	M34A	X	2.415	2.415	0	%100
30	M34A	Z	0	0	0	%100
31	M35	X	2.415	2.415	0	%100
32	M35	Z	0	0	0	%100
33	M36	X	0	0	0	%100
34	M36	Z	0	0	0	%100
35	M38	X	3.244	3.244	0	%100
36	M38	Z	0	0	0	%100
37	M42	X	.9	.9	0	%100
38	M42	Z	0	0	0	%100
39	M47	X	2.76	2.76	0	%100
40	M47	Z	0	0	0	%100
41	M48	X	7.72	7.72	0	%100
42	M48	Z	0	0	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	0	0	0	%100

Member Distributed Loads (BLC 56 : Structure Wi (90 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
45	M51	X	.444	.444	0 %100
46	M51	Z	0	0	0 %100
47	M53	X	.444	.444	0 %100
48	M53	Z	0	0	0 %100
49	M56	X	1.073	1.073	0 %100
50	M56	Z	0	0	0 %100
51	M57	X	1.073	1.073	0 %100
52	M57	Z	0	0	0 %100
53	M59	X	3.244	3.244	0 %100
54	M59	Z	0	0	0 %100
55	M61	X	2.76	2.76	0 %100
56	M61	Z	0	0	0 %100
57	M62	X	2.415	2.415	0 %100
58	M62	Z	0	0	0 %100
59	M64	X	.444	.444	0 %100
60	M64	Z	0	0	0 %100
61	M66	X	.444	.444	0 %100
62	M66	Z	0	0	0 %100
63	M67	X	2.433	2.433	0 %100
64	M67	Z	0	0	0 %100
65	M68	X	0	0	0 %100
66	M68	Z	0	0	0 %100
67	M69	X	2.415	2.415	0 %100
68	M69	Z	0	0	0 %100
69	M70	X	2.433	2.433	0 %100
70	M70	Z	0	0	0 %100
71	M79	X	0	0	0 %100
72	M79	Z	0	0	0 %100
73	M83	X	.9	.9	0 %100
74	M83	Z	0	0	0 %100
75	M88	X	2.76	2.76	0 %100
76	M88	Z	0	0	0 %100
77	M89	X	7.72	7.72	0 %100
78	M89	Z	0	0	0 %100
79	M91	X	2.415	2.415	0 %100
80	M91	Z	0	0	0 %100
81	M92	X	.444	.444	0 %100
82	M92	Z	0	0	0 %100
83	M94	X	.444	.444	0 %100
84	M94	Z	0	0	0 %100
85	M97	X	1.073	1.073	0 %100
86	M97	Z	0	0	0 %100
87	M98	X	1.073	1.073	0 %100
88	M98	Z	0	0	0 %100
89	M100	X	0	0	0 %100
90	M100	Z	0	0	0 %100
91	M102	X	2.76	2.76	0 %100
92	M102	Z	0	0	0 %100
93	M103	X	0	0	0 %100
94	M103	Z	0	0	0 %100
95	M105	X	.444	.444	0 %100
96	M105	Z	0	0	0 %100
97	M107	X	.444	.444	0 %100
98	M107	Z	0	0	0 %100
99	M108	X	2.433	2.433	0 %100
100	M108	Z	0	0	0 %100
101	M109	X	2.415	2.415	0 %100

Member Distributed Loads (BLC 56 : Structure Wi (90 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
102	M109	Z	0	0	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	2.433	2.433	0	%100
106	M111	Z	0	0	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	0	0	0	%100
109	M120	X	3.244	3.244	0	%100
110	M120	Z	0	0	0	%100
111	M121A	X	3.626	3.626	0	%100
112	M121A	Z	0	0	0	%100
113	M126	X	3.626	3.626	0	%100
114	M126	Z	0	0	0	%100
115	M131	X	8.748	8.748	0	%100
116	M131	Z	0	0	0	%100
117	M134	X	8.748	8.748	0	%100
118	M134	Z	0	0	0	%100
119	M148	X	0	0	0	%100
120	M148	Z	0	0	0	%100
121	M152B	X	0	0	0	%100
122	M152B	Z	0	0	0	%100
123	M155	X	6.289	6.289	0	%100
124	M155	Z	0	0	0	%100
125	M154	X	2.977	2.977	0	%100
126	M154	Z	0	0	0	%100
127	M157A	X	2.977	2.977	0	%100
128	M157A	Z	0	0	0	%100
129	M162	X	5.011	5.011	0	%100
130	M162	Z	0	0	0	%100
131	M163	X	5.011	5.011	0	%100
132	M163	Z	0	0	0	%100
133	M166	X	0	0	0	%100
134	M166	Z	0	0	0	%100
135	M167	X	2.749	2.749	0	%100
136	M167	Z	0	0	0	%100
137	M168	X	2.749	2.749	0	%100
138	M168	Z	0	0	0	%100
139	M169	X	0	0	0	%100
140	M169	Z	0	0	0	%100
141	M170	X	2.977	2.977	0	%100
142	M170	Z	0	0	0	%100
143	M171	X	2.977	2.977	0	%100
144	M171	Z	0	0	0	%100
145	M174	X	0	0	0	%100
146	M174	Z	0	0	0	%100
147	M177	X	0	0	0	%100
148	M177	Z	0	0	0	%100
149	M180	X	2.633	2.633	0	%100
150	M180	Z	0	0	0	%100
151	M183	X	2.633	2.633	0	%100
152	M183	Z	0	0	0	%100
153	M186	X	2.633	2.633	0	%100
154	M186	Z	0	0	0	%100
155	M189	X	2.633	2.633	0	%100
156	M189	Z	0	0	0	%100
157	M223	X	4.986	4.986	0	%100
158	M223	Z	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Apr 25, 2022
 10:59 AM
 Checked By: _____

Member Distributed Loads (BLC 56 : Structure Wi (90 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
159	M226A	X	4.986	4.986	0 %100
160	M226A	Z	0	0	0 %100
161	M228A	X	3.283	3.283	0 %100
162	M228A	Z	0	0	0 %100
163	M232A	X	4.986	4.986	0 %100
164	M232A	Z	0	0	0 %100
165	M235	X	4.986	4.986	0 %100
166	M235	Z	0	0	0 %100
167	M237	X	3.283	3.283	0 %100
168	M237	Z	0	0	0 %100
169	M240A	X	6.289	6.289	0 %100
170	M240A	Z	0	0	0 %100
171	M242A	X	3.37	3.37	0 %100
172	M242A	Z	0	0	0 %100
173	M244	X	.452	.452	0 %100
174	M244	Z	0	0	0 %100
175	M246	X	.452	.452	0 %100
176	M246	Z	0	0	0 %100
177	M248	X	3.37	3.37	0 %100
178	M248	Z	0	0	0 %100
179	MP2A	X	4.458	4.458	0 %100
180	MP2A	Z	0	0	0 %100
181	MP3A	X	4.091	4.091	0 %100
182	MP3A	Z	0	0	0 %100
183	MP2C	X	4.458	4.458	0 %100
184	MP2C	Z	0	0	0 %100
185	MP2B	X	4.458	4.458	0 %100
186	MP2B	Z	0	0	0 %100
187	M256	X	5.576	5.576	0 %100
188	M256	Z	0	0	0 %100
189	M257	X	4.458	4.458	0 %100
190	M257	Z	0	0	0 %100
191	M258	X	4.458	4.458	0 %100
192	M258	Z	0	0	0 %100
193	M261	X	0	0	0 %100
194	M261	Z	0	0	0 %100
195	M264	X	3.496	3.496	0 %100
196	M264	Z	0	0	0 %100
197	M267	X	3.496	3.496	0 %100
198	M267	Z	0	0	0 %100
199	M274	X	3.137	3.137	0 %100
200	M274	Z	0	0	0 %100
201	M275	X	3.137	3.137	0 %100
202	M275	Z	0	0	0 %100
203	M276	X	0	0	0 %100
204	M276	Z	0	0	0 %100
205	MP1A	X	4.105	4.105	0 %100
206	MP1A	Z	0	0	0 %100
207	MP4A	X	4.091	4.091	0 %100
208	MP4A	Z	0	0	0 %100
209	MP3C	X	4.091	4.091	0 %100
210	MP3C	Z	0	0	0 %100
211	MP1C	X	4.105	4.105	0 %100
212	MP1C	Z	0	0	0 %100
213	MP4C	X	4.091	4.091	0 %100
214	MP4C	Z	0	0	0 %100
215	MP3B	X	4.091	4.091	0 %100



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Member Distributed Loads (BLC 56 : Structure Wi (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[in.%]	End Location[in.%]
216	MP3B	Z	0	0	0	%100
217	MP1B	X	4.105	4.105	0	%100
218	MP1B	Z	0	0	0	%100
219	MP4B	X	4.091	4.091	0	%100
220	MP4B	Z	0	0	0	%100

Member Distributed Loads (BLC 57 : Structure Wi (120 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[in.%]	End Location[in.%]
1	M1	X	2.338	2.338	0	%100
2	M1	Z	1.35	1.35	0	%100
3	M7	X	.797	.797	0	%100
4	M7	Z	.46	.46	0	%100
5	M8	X	2.228	2.228	0	%100
6	M8	Z	1.287	1.287	0	%100
7	M13	X	2.788	2.788	0	%100
8	M13	Z	1.61	1.61	0	%100
9	M14	X	1.153	1.153	0	%100
10	M14	Z	.666	.666	0	%100
11	M18	X	1.153	1.153	0	%100
12	M18	Z	.666	.666	0	%100
13	M25	X	2.788	2.788	0	%100
14	M25	Z	1.609	1.609	0	%100
15	M26	X	2.788	2.788	0	%100
16	M26	Z	1.609	1.609	0	%100
17	M31	X	.937	.937	0	%100
18	M31	Z	.541	.541	0	%100
19	M42A	X	.797	.797	0	%100
20	M42A	Z	.46	.46	0	%100
21	M44A	X	.697	.697	0	%100
22	M44A	Z	.402	.402	0	%100
23	M44	X	1.153	1.153	0	%100
24	M44	Z	.666	.666	0	%100
25	M46A	X	1.153	1.153	0	%100
26	M46A	Z	.666	.666	0	%100
27	M46B	X	.702	.702	0	%100
28	M46B	Z	.406	.406	0	%100
29	M34A	X	2.788	2.788	0	%100
30	M34A	Z	1.61	1.61	0	%100
31	M35	X	.697	.697	0	%100
32	M35	Z	.402	.402	0	%100
33	M36	X	.702	.702	0	%100
34	M36	Z	.406	.406	0	%100
35	M38	X	3.746	3.746	0	%100
36	M38	Z	2.163	2.163	0	%100
37	M42	X	2.338	2.338	0	%100
38	M42	Z	1.35	1.35	0	%100
39	M47	X	.797	.797	0	%100
40	M47	Z	.46	.46	0	%100
41	M48	X	2.228	2.228	0	%100
42	M48	Z	1.287	1.287	0	%100
43	M50	X	.697	.697	0	%100
44	M50	Z	.402	.402	0	%100
45	M51	X	1.153	1.153	0	%100
46	M51	Z	.666	.666	0	%100
47	M53	X	1.153	1.153	0	%100
48	M53	Z	.666	.666	0	%100

Member Distributed Loads (BLC 57 : Structure Wi (120 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
49	M56	X	2.788	2.788	0 %100
50	M56	Z	1.609	1.609	0 %100
51	M57	X	2.788	2.788	0 %100
52	M57	Z	1.609	1.609	0 %100
53	M59	X	3.746	3.746	0 %100
54	M59	Z	2.163	2.163	0 %100
55	M61	X	.797	.797	0 %100
56	M61	Z	.46	.46	0 %100
57	M62	X	2.788	2.788	0 %100
58	M62	Z	1.61	1.61	0 %100
59	M64	X	1.153	1.153	0 %100
60	M64	Z	.666	.666	0 %100
61	M66	X	1.153	1.153	0 %100
62	M66	Z	.666	.666	0 %100
63	M67	X	.702	.702	0 %100
64	M67	Z	.406	.406	0 %100
65	M68	X	.697	.697	0 %100
66	M68	Z	.402	.402	0 %100
67	M69	X	2.788	2.788	0 %100
68	M69	Z	1.61	1.61	0 %100
69	M70	X	.702	.702	0 %100
70	M70	Z	.406	.406	0 %100
71	M79	X	.937	.937	0 %100
72	M79	Z	.541	.541	0 %100
73	M83	X	0	0	0 %100
74	M83	Z	0	0	0 %100
75	M88	X	3.187	3.187	0 %100
76	M88	Z	1.84	1.84	0 %100
77	M89	X	8.914	8.914	0 %100
78	M89	Z	5.146	5.146	0 %100
79	M91	X	.697	.697	0 %100
80	M91	Z	.402	.402	0 %100
81	M92	X	0	0	0 %100
82	M92	Z	0	0	0 %100
83	M94	X	0	0	0 %100
84	M94	Z	0	0	0 %100
85	M97	X	0	0	0 %100
86	M97	Z	0	0	0 %100
87	M98	X	0	0	0 %100
88	M98	Z	0	0	0 %100
89	M100	X	.937	.937	0 %100
90	M100	Z	.541	.541	0 %100
91	M102	X	3.187	3.187	0 %100
92	M102	Z	1.84	1.84	0 %100
93	M103	X	.697	.697	0 %100
94	M103	Z	.402	.402	0 %100
95	M105	X	0	0	0 %100
96	M105	Z	0	0	0 %100
97	M107	X	0	0	0 %100
98	M107	Z	0	0	0 %100
99	M108	X	2.81	2.81	0 %100
100	M108	Z	1.622	1.622	0 %100
101	M109	X	.697	.697	0 %100
102	M109	Z	.402	.402	0 %100
103	M110	X	.697	.697	0 %100
104	M110	Z	.402	.402	0 %100
105	M111	X	2.81	2.81	0 %100

Member Distributed Loads (BLC 57 : Structure Wi (120 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
106	M111	Z	1.622	1.622	0 %100
107	M118	X	1.047	1.047	0 %100
108	M118	Z	.604	.604	0 %100
109	M120	X	.937	.937	0 %100
110	M120	Z	.541	.541	0 %100
111	M121A	X	1.047	1.047	0 %100
112	M121A	Z	.604	.604	0 %100
113	M126	X	4.187	4.187	0 %100
114	M126	Z	2.418	2.418	0 %100
115	M131	X	6.094	6.094	0 %100
116	M131	Z	3.518	3.518	0 %100
117	M134	X	6.094	6.094	0 %100
118	M134	Z	3.518	3.518	0 %100
119	M148	X	.859	.859	0 %100
120	M148	Z	.496	.496	0 %100
121	M152B	X	.948	.948	0 %100
122	M152B	Z	.547	.547	0 %100
123	M155	X	2.919	2.919	0 %100
124	M155	Z	1.685	1.685	0 %100
125	M154	X	.859	.859	0 %100
126	M154	Z	.496	.496	0 %100
127	M157A	X	3.437	3.437	0 %100
128	M157A	Z	1.985	1.985	0 %100
129	M162	X	1.447	1.447	0 %100
130	M162	Z	.835	.835	0 %100
131	M163	X	1.447	1.447	0 %100
132	M163	Z	.835	.835	0 %100
133	M166	X	.794	.794	0 %100
134	M166	Z	.458	.458	0 %100
135	M167	X	.794	.794	0 %100
136	M167	Z	.458	.458	0 %100
137	M168	X	3.174	3.174	0 %100
138	M168	Z	1.833	1.833	0 %100
139	M169	X	.859	.859	0 %100
140	M169	Z	.496	.496	0 %100
141	M170	X	.859	.859	0 %100
142	M170	Z	.496	.496	0 %100
143	M171	X	3.437	3.437	0 %100
144	M171	Z	1.985	1.985	0 %100
145	M174	X	.76	.76	0 %100
146	M174	Z	.439	.439	0 %100
147	M177	X	.76	.76	0 %100
148	M177	Z	.439	.439	0 %100
149	M180	X	.76	.76	0 %100
150	M180	Z	.439	.439	0 %100
151	M183	X	.76	.76	0 %100
152	M183	Z	.439	.439	0 %100
153	M186	X	3.04	3.04	0 %100
154	M186	Z	1.755	1.755	0 %100
155	M189	X	3.04	3.04	0 %100
156	M189	Z	1.755	1.755	0 %100
157	M223	X	2.672	2.672	0 %100
158	M223	Z	1.543	1.543	0 %100
159	M226A	X	2.672	2.672	0 %100
160	M226A	Z	1.543	1.543	0 %100
161	M228A	X	.948	.948	0 %100
162	M228A	Z	.547	.547	0 %100



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Member Distributed Loads (BLC 57 : Structure Wi (120 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
163	M232A	X	5.141	5.141	0 %100
164	M232A	Z	2.968	2.968	0 %100
165	M235	X	5.141	5.141	0 %100
166	M235	Z	2.968	2.968	0 %100
167	M237	X	3.79	3.79	0 %100
168	M237	Z	2.188	2.188	0 %100
169	M240A	X	5.447	5.447	0 %100
170	M240A	Z	3.145	3.145	0 %100
171	M242A	X	5.447	5.447	0 %100
172	M242A	Z	3.145	3.145	0 %100
173	M244	X	2.919	2.919	0 %100
174	M244	Z	1.685	1.685	0 %100
175	M246	X	.391	.391	0 %100
176	M246	Z	.226	.226	0 %100
177	M248	X	.391	.391	0 %100
178	M248	Z	.226	.226	0 %100
179	MP2A	X	3.861	3.861	0 %100
180	MP2A	Z	2.229	2.229	0 %100
181	MP3A	X	3.543	3.543	0 %100
182	MP3A	Z	2.046	2.046	0 %100
183	MP2C	X	3.861	3.861	0 %100
184	MP2C	Z	2.229	2.229	0 %100
185	MP2B	X	3.861	3.861	0 %100
186	MP2B	Z	2.229	2.229	0 %100
187	M256	X	4.506	4.506	0 %100
188	M256	Z	2.602	2.602	0 %100
189	M257	X	4.506	4.506	0 %100
190	M257	Z	2.602	2.602	0 %100
191	M258	X	3.537	3.537	0 %100
192	M258	Z	2.042	2.042	0 %100
193	M261	X	1.009	1.009	0 %100
194	M261	Z	.583	.583	0 %100
195	M264	X	1.009	1.009	0 %100
196	M264	Z	.583	.583	0 %100
197	M267	X	4.037	4.037	0 %100
198	M267	Z	2.331	2.331	0 %100
199	M274	X	.906	.906	0 %100
200	M274	Z	.523	.523	0 %100
201	M275	X	3.623	3.623	0 %100
202	M275	Z	2.092	2.092	0 %100
203	M276	X	.906	.906	0 %100
204	M276	Z	.523	.523	0 %100
205	MP1A	X	3.555	3.555	0 %100
206	MP1A	Z	2.052	2.052	0 %100
207	MP4A	X	3.543	3.543	0 %100
208	MP4A	Z	2.046	2.046	0 %100
209	MP3C	X	3.543	3.543	0 %100
210	MP3C	Z	2.046	2.046	0 %100
211	MP1C	X	3.555	3.555	0 %100
212	MP1C	Z	2.052	2.052	0 %100
213	MP4C	X	3.543	3.543	0 %100
214	MP4C	Z	2.046	2.046	0 %100
215	MP3B	X	3.543	3.543	0 %100
216	MP3B	Z	2.046	2.046	0 %100
217	MP1B	X	3.555	3.555	0 %100
218	MP1B	Z	2.052	2.052	0 %100
219	MP4B	X	3.543	3.543	0 %100



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Member Distributed Loads (BLC 57 : Structure Wi (120 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[in, %]	End Location[in, %]
220 MP4B	Z	2.046	2.046	0	%100

Member Distributed Loads (BLC 58 : Structure Wi (150 Deg))

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[in, %]	End Location[in, %]
1 M1	X	.45	.45	0	%100
2 M1	Z	.779	.779	0	%100
3 M7	X	1.38	1.38	0	%100
4 M7	Z	2.39	2.39	0	%100
5 M8	X	3.86	3.86	0	%100
6 M8	Z	6.685	6.685	0	%100
7 M13	X	1.207	1.207	0	%100
8 M13	Z	2.091	2.091	0	%100
9 M14	X	.222	.222	0	%100
10 M14	Z	.384	.384	0	%100
11 M18	X	.222	.222	0	%100
12 M18	Z	.384	.384	0	%100
13 M25	X	.536	.536	0	%100
14 M25	Z	.929	.929	0	%100
15 M26	X	.536	.536	0	%100
16 M26	Z	.929	.929	0	%100
17 M31	X	0	0	0	%100
18 M31	Z	0	0	0	%100
19 M42A	X	1.38	1.38	0	%100
20 M42A	Z	2.39	2.39	0	%100
21 M44A	X	0	0	0	%100
22 M44A	Z	0	0	0	%100
23 M44	X	.222	.222	0	%100
24 M44	Z	.384	.384	0	%100
25 M46A	X	.222	.222	0	%100
26 M46A	Z	.384	.384	0	%100
27 M46B	X	1.217	1.217	0	%100
28 M46B	Z	2.107	2.107	0	%100
29 M34A	X	1.207	1.207	0	%100
30 M34A	Z	2.091	2.091	0	%100
31 M35	X	0	0	0	%100
32 M35	Z	0	0	0	%100
33 M36	X	1.217	1.217	0	%100
34 M36	Z	2.107	2.107	0	%100
35 M38	X	1.622	1.622	0	%100
36 M38	Z	2.81	2.81	0	%100
37 M42	X	1.799	1.799	0	%100
38 M42	Z	3.117	3.117	0	%100
39 M47	X	0	0	0	%100
40 M47	Z	0	0	0	%100
41 M48	X	0	0	0	%100
42 M48	Z	0	0	0	%100
43 M50	X	1.207	1.207	0	%100
44 M50	Z	2.091	2.091	0	%100
45 M51	X	.888	.888	0	%100
46 M51	Z	1.538	1.538	0	%100
47 M53	X	.888	.888	0	%100
48 M53	Z	1.538	1.538	0	%100
49 M56	X	2.146	2.146	0	%100
50 M56	Z	3.717	3.717	0	%100
51 M57	X	2.146	2.146	0	%100
52 M57	Z	3.717	3.717	0	%100



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Member Distributed Loads (BLC 58 : Structure Wi (150 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
53	M59	X	1.622	1.622	0 %100
54	M59	Z	2.81	2.81	0 %100
55	M61	X	0	0	0 %100
56	M61	Z	0	0	0 %100
57	M62	X	1.207	1.207	0 %100
58	M62	Z	2.091	2.091	0 %100
59	M64	X	.888	.888	0 %100
60	M64	Z	1.538	1.538	0 %100
61	M66	X	.888	.888	0 %100
62	M66	Z	1.538	1.538	0 %100
63	M67	X	0	0	0 %100
64	M67	Z	0	0	0 %100
65	M68	X	1.207	1.207	0 %100
66	M68	Z	2.091	2.091	0 %100
67	M69	X	1.207	1.207	0 %100
68	M69	Z	2.091	2.091	0 %100
69	M70	X	0	0	0 %100
70	M70	Z	0	0	0 %100
71	M79	X	1.622	1.622	0 %100
72	M79	Z	2.81	2.81	0 %100
73	M83	X	.45	.45	0 %100
74	M83	Z	.779	.779	0 %100
75	M88	X	1.38	1.38	0 %100
76	M88	Z	2.39	2.39	0 %100
77	M89	X	3.86	3.86	0 %100
78	M89	Z	6.685	6.685	0 %100
79	M91	X	0	0	0 %100
80	M91	Z	0	0	0 %100
81	M92	X	.222	.222	0 %100
82	M92	Z	.384	.384	0 %100
83	M94	X	.222	.222	0 %100
84	M94	Z	.384	.384	0 %100
85	M97	X	.536	.536	0 %100
86	M97	Z	.929	.929	0 %100
87	M98	X	.536	.536	0 %100
88	M98	Z	.929	.929	0 %100
89	M100	X	1.622	1.622	0 %100
90	M100	Z	2.81	2.81	0 %100
91	M102	X	1.38	1.38	0 %100
92	M102	Z	2.39	2.39	0 %100
93	M103	X	1.207	1.207	0 %100
94	M103	Z	2.091	2.091	0 %100
95	M105	X	.222	.222	0 %100
96	M105	Z	.384	.384	0 %100
97	M107	X	.222	.222	0 %100
98	M107	Z	.384	.384	0 %100
99	M108	X	1.217	1.217	0 %100
100	M108	Z	2.107	2.107	0 %100
101	M109	X	0	0	0 %100
102	M109	Z	0	0	0 %100
103	M110	X	1.207	1.207	0 %100
104	M110	Z	2.091	2.091	0 %100
105	M111	X	1.217	1.217	0 %100
106	M111	Z	2.107	2.107	0 %100
107	M118	X	1.813	1.813	0 %100
108	M118	Z	3.141	3.141	0 %100
109	M120	X	0	0	0 %100

Member Distributed Loads (BLC 58 : Structure Wi (150 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
110	M120	Z	0	0	0	%100
111	M121A	X	0	0	0	%100
112	M121A	Z	0	0	0	%100
113	M126	X	1.813	1.813	0	%100
114	M126	Z	3.141	3.141	0	%100
115	M131	X	1.806	1.806	0	%100
116	M131	Z	3.128	3.128	0	%100
117	M134	X	1.806	1.806	0	%100
118	M134	Z	3.128	3.128	0	%100
119	M148	X	1.488	1.488	0	%100
120	M148	Z	2.578	2.578	0	%100
121	M152B	X	1.641	1.641	0	%100
122	M152B	Z	2.843	2.843	0	%100
123	M155	X	.226	.226	0	%100
124	M155	Z	.391	.391	0	%100
125	M154	X	0	0	0	%100
126	M154	Z	0	0	0	%100
127	M157A	X	1.488	1.488	0	%100
128	M157A	Z	2.578	2.578	0	%100
129	M162	X	0	0	0	%100
130	M162	Z	0	0	0	%100
131	M163	X	0	0	0	%100
132	M163	Z	0	0	0	%100
133	M166	X	1.374	1.374	0	%100
134	M166	Z	2.381	2.381	0	%100
135	M167	X	0	0	0	%100
136	M167	Z	0	0	0	%100
137	M168	X	1.374	1.374	0	%100
138	M168	Z	2.381	2.381	0	%100
139	M169	X	1.488	1.488	0	%100
140	M169	Z	2.578	2.578	0	%100
141	M170	X	0	0	0	%100
142	M170	Z	0	0	0	%100
143	M171	X	1.488	1.488	0	%100
144	M171	Z	2.578	2.578	0	%100
145	M174	X	1.316	1.316	0	%100
146	M174	Z	2.28	2.28	0	%100
147	M177	X	1.316	1.316	0	%100
148	M177	Z	2.28	2.28	0	%100
149	M180	X	0	0	0	%100
150	M180	Z	0	0	0	%100
151	M183	X	0	0	0	%100
152	M183	Z	0	0	0	%100
153	M186	X	1.316	1.316	0	%100
154	M186	Z	2.28	2.28	0	%100
155	M189	X	1.316	1.316	0	%100
156	M189	Z	2.28	2.28	0	%100
157	M223	X	1.067	1.067	0	%100
158	M223	Z	1.849	1.849	0	%100
159	M226A	X	1.067	1.067	0	%100
160	M226A	Z	1.849	1.849	0	%100
161	M228A	X	0	0	0	%100
162	M228A	Z	0	0	0	%100
163	M232A	X	2.493	2.493	0	%100
164	M232A	Z	4.318	4.318	0	%100
165	M235	X	2.493	2.493	0	%100
166	M235	Z	4.318	4.318	0	%100



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Member Distributed Loads (BLC 58 : Structure Wi (150 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
167	M237	X	1.641	1.641	0 %100
168	M237	Z	2.843	2.843	0 %100
169	M240A	X	1.685	1.685	0 %100
170	M240A	Z	2.919	2.919	0 %100
171	M242A	X	3.145	3.145	0 %100
172	M242A	Z	5.447	5.447	0 %100
173	M244	X	3.145	3.145	0 %100
174	M244	Z	5.447	5.447	0 %100
175	M246	X	1.685	1.685	0 %100
176	M246	Z	2.919	2.919	0 %100
177	M248	X	.226	.226	0 %100
178	M248	Z	.391	.391	0 %100
179	MP2A	X	2.229	2.229	0 %100
180	MP2A	Z	3.861	3.861	0 %100
181	MP3A	X	2.046	2.046	0 %100
182	MP3A	Z	3.543	3.543	0 %100
183	MP2C	X	2.229	2.229	0 %100
184	MP2C	Z	3.861	3.861	0 %100
185	MP2B	X	2.229	2.229	0 %100
186	MP2B	Z	3.861	3.861	0 %100
187	M256	X	2.229	2.229	0 %100
188	M256	Z	3.86	3.86	0 %100
189	M257	X	2.788	2.788	0 %100
190	M257	Z	4.829	4.829	0 %100
191	M258	X	2.229	2.229	0 %100
192	M258	Z	3.86	3.86	0 %100
193	M261	X	1.748	1.748	0 %100
194	M261	Z	3.028	3.028	0 %100
195	M264	X	0	0	0 %100
196	M264	Z	0	0	0 %100
197	M267	X	1.748	1.748	0 %100
198	M267	Z	3.028	3.028	0 %100
199	M274	X	0	0	0 %100
200	M274	Z	0	0	0 %100
201	M275	X	1.569	1.569	0 %100
202	M275	Z	2.717	2.717	0 %100
203	M276	X	1.569	1.569	0 %100
204	M276	Z	2.717	2.717	0 %100
205	MP1A	X	2.052	2.052	0 %100
206	MP1A	Z	3.555	3.555	0 %100
207	MP4A	X	2.046	2.046	0 %100
208	MP4A	Z	3.543	3.543	0 %100
209	MP3C	X	2.046	2.046	0 %100
210	MP3C	Z	3.543	3.543	0 %100
211	MP1C	X	2.052	2.052	0 %100
212	MP1C	Z	3.555	3.555	0 %100
213	MP4C	X	2.046	2.046	0 %100
214	MP4C	Z	3.543	3.543	0 %100
215	MP3B	X	2.046	2.046	0 %100
216	MP3B	Z	3.543	3.543	0 %100
217	MP1B	X	2.052	2.052	0 %100
218	MP1B	Z	3.555	3.555	0 %100
219	MP4B	X	2.046	2.046	0 %100
220	MP4B	Z	3.543	3.543	0 %100

Member Distributed Loads (BLC 59 : Structure Wi (180 Deg))

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
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Member Distributed Loads (BLC 59 : Structure Wi (180 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M7	X	0	0	0	%100
4	M7	Z	3.68	3.68	0	%100
5	M8	X	0	0	0	%100
6	M8	Z	10.293	10.293	0	%100
7	M13	X	0	0	0	%100
8	M13	Z	.805	.805	0	%100
9	M14	X	0	0	0	%100
10	M14	Z	0	0	0	%100
11	M18	X	0	0	0	%100
12	M18	Z	0	0	0	%100
13	M25	X	0	0	0	%100
14	M25	Z	0	0	0	%100
15	M26	X	0	0	0	%100
16	M26	Z	0	0	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	1.081	1.081	0	%100
19	M42A	X	0	0	0	%100
20	M42A	Z	3.68	3.68	0	%100
21	M44A	X	0	0	0	%100
22	M44A	Z	.805	.805	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	0	0	0	%100
25	M46A	X	0	0	0	%100
26	M46A	Z	0	0	0	%100
27	M46B	X	0	0	0	%100
28	M46B	Z	3.244	3.244	0	%100
29	M34A	X	0	0	0	%100
30	M34A	Z	.805	.805	0	%100
31	M35	X	0	0	0	%100
32	M35	Z	.805	.805	0	%100
33	M36	X	0	0	0	%100
34	M36	Z	3.244	3.244	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	1.081	1.081	0	%100
37	M42	X	0	0	0	%100
38	M42	Z	2.699	2.699	0	%100
39	M47	X	0	0	0	%100
40	M47	Z	.92	.92	0	%100
41	M48	X	0	0	0	%100
42	M48	Z	2.573	2.573	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	3.22	3.22	0	%100
45	M51	X	0	0	0	%100
46	M51	Z	1.332	1.332	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	1.332	1.332	0	%100
49	M56	X	0	0	0	%100
50	M56	Z	3.219	3.219	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	3.219	3.219	0	%100
53	M59	X	0	0	0	%100
54	M59	Z	1.081	1.081	0	%100
55	M61	X	0	0	0	%100
56	M61	Z	.92	.92	0	%100
57	M62	X	0	0	0	%100



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Member Distributed Loads (BLC 59 : Structure Wi (180 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
58	M62	Z	.805	.805	0 %100
59	M64	X	0	0	0 %100
60	M64	Z	1.332	1.332	0 %100
61	M66	X	0	0	0 %100
62	M66	Z	1.332	1.332	0 %100
63	M67	X	0	0	0 %100
64	M67	Z	.811	.811	0 %100
65	M68	X	0	0	0 %100
66	M68	Z	3.22	3.22	0 %100
67	M69	X	0	0	0 %100
68	M69	Z	.805	.805	0 %100
69	M70	X	0	0	0 %100
70	M70	Z	.811	.811	0 %100
71	M79	X	0	0	0 %100
72	M79	Z	4.326	4.326	0 %100
73	M83	X	0	0	0 %100
74	M83	Z	2.699	2.699	0 %100
75	M88	X	0	0	0 %100
76	M88	Z	.92	.92	0 %100
77	M89	X	0	0	0 %100
78	M89	Z	2.573	2.573	0 %100
79	M91	X	0	0	0 %100
80	M91	Z	.805	.805	0 %100
81	M92	X	0	0	0 %100
82	M92	Z	1.332	1.332	0 %100
83	M94	X	0	0	0 %100
84	M94	Z	1.332	1.332	0 %100
85	M97	X	0	0	0 %100
86	M97	Z	3.219	3.219	0 %100
87	M98	X	0	0	0 %100
88	M98	Z	3.219	3.219	0 %100
89	M100	X	0	0	0 %100
90	M100	Z	4.326	4.326	0 %100
91	M102	X	0	0	0 %100
92	M102	Z	.92	.92	0 %100
93	M103	X	0	0	0 %100
94	M103	Z	3.22	3.22	0 %100
95	M105	X	0	0	0 %100
96	M105	Z	1.332	1.332	0 %100
97	M107	X	0	0	0 %100
98	M107	Z	1.332	1.332	0 %100
99	M108	X	0	0	0 %100
100	M108	Z	.811	.811	0 %100
101	M109	X	0	0	0 %100
102	M109	Z	.805	.805	0 %100
103	M110	X	0	0	0 %100
104	M110	Z	3.22	3.22	0 %100
105	M111	X	0	0	0 %100
106	M111	Z	.811	.811	0 %100
107	M118	X	0	0	0 %100
108	M118	Z	4.835	4.835	0 %100
109	M120	X	0	0	0 %100
110	M120	Z	1.081	1.081	0 %100
111	M121A	X	0	0	0 %100
112	M121A	Z	1.209	1.209	0 %100
113	M126	X	0	0	0 %100
114	M126	Z	1.209	1.209	0 %100

Member Distributed Loads (BLC 59 : Structure Wi (180 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
115	M131	X	0	0	0	%100
116	M131	Z	1.901	1.901	0	%100
117	M134	X	0	0	0	%100
118	M134	Z	1.901	1.901	0	%100
119	M148	X	0	0	0	%100
120	M148	Z	3.969	3.969	0	%100
121	M152B	X	0	0	0	%100
122	M152B	Z	4.377	4.377	0	%100
123	M155	X	0	0	0	%100
124	M155	Z	.452	.452	0	%100
125	M154	X	0	0	0	%100
126	M154	Z	.992	.992	0	%100
127	M157A	X	0	0	0	%100
128	M157A	Z	.992	.992	0	%100
129	M162	X	0	0	0	%100
130	M162	Z	1.67	1.67	0	%100
131	M163	X	0	0	0	%100
132	M163	Z	1.67	1.67	0	%100
133	M166	X	0	0	0	%100
134	M166	Z	3.665	3.665	0	%100
135	M167	X	0	0	0	%100
136	M167	Z	.916	.916	0	%100
137	M168	X	0	0	0	%100
138	M168	Z	.916	.916	0	%100
139	M169	X	0	0	0	%100
140	M169	Z	3.969	3.969	0	%100
141	M170	X	0	0	0	%100
142	M170	Z	.992	.992	0	%100
143	M171	X	0	0	0	%100
144	M171	Z	.992	.992	0	%100
145	M174	X	0	0	0	%100
146	M174	Z	3.511	3.511	0	%100
147	M177	X	0	0	0	%100
148	M177	Z	3.511	3.511	0	%100
149	M180	X	0	0	0	%100
150	M180	Z	.878	.878	0	%100
151	M183	X	0	0	0	%100
152	M183	Z	.878	.878	0	%100
153	M186	X	0	0	0	%100
154	M186	Z	.878	.878	0	%100
155	M189	X	0	0	0	%100
156	M189	Z	.878	.878	0	%100
157	M223	X	0	0	0	%100
158	M223	Z	3.085	3.085	0	%100
159	M226A	X	0	0	0	%100
160	M226A	Z	3.085	3.085	0	%100
161	M228A	X	0	0	0	%100
162	M228A	Z	1.094	1.094	0	%100
163	M232A	X	0	0	0	%100
164	M232A	Z	3.085	3.085	0	%100
165	M235	X	0	0	0	%100
166	M235	Z	3.085	3.085	0	%100
167	M237	X	0	0	0	%100
168	M237	Z	1.094	1.094	0	%100
169	M240A	X	0	0	0	%100
170	M240A	Z	.452	.452	0	%100
171	M242A	X	0	0	0	%100

Member Distributed Loads (BLC 59 : Structure Wi (180 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
172	M242A	Z	3.37	3.37	0 %100
173	M244	X	0	0	0 %100
174	M244	Z	6.289	6.289	0 %100
175	M246	X	0	0	0 %100
176	M246	Z	6.289	6.289	0 %100
177	M248	X	0	0	0 %100
178	M248	Z	3.37	3.37	0 %100
179	MP2A	X	0	0	0 %100
180	MP2A	Z	4.458	4.458	0 %100
181	MP3A	X	0	0	0 %100
182	MP3A	Z	4.091	4.091	0 %100
183	MP2C	X	0	0	0 %100
184	MP2C	Z	4.458	4.458	0 %100
185	MP2B	X	0	0	0 %100
186	MP2B	Z	4.458	4.458	0 %100
187	M256	X	0	0	0 %100
188	M256	Z	4.085	4.085	0 %100
189	M257	X	0	0	0 %100
190	M257	Z	5.203	5.203	0 %100
191	M258	X	0	0	0 %100
192	M258	Z	5.203	5.203	0 %100
193	M261	X	0	0	0 %100
194	M261	Z	4.662	4.662	0 %100
195	M264	X	0	0	0 %100
196	M264	Z	1.165	1.165	0 %100
197	M267	X	0	0	0 %100
198	M267	Z	1.165	1.165	0 %100
199	M274	X	0	0	0 %100
200	M274	Z	1.046	1.046	0 %100
201	M275	X	0	0	0 %100
202	M275	Z	1.046	1.046	0 %100
203	M276	X	0	0	0 %100
204	M276	Z	4.183	4.183	0 %100
205	MP1A	X	0	0	0 %100
206	MP1A	Z	4.105	4.105	0 %100
207	MP4A	X	0	0	0 %100
208	MP4A	Z	4.091	4.091	0 %100
209	MP3C	X	0	0	0 %100
210	MP3C	Z	4.091	4.091	0 %100
211	MP1C	X	0	0	0 %100
212	MP1C	Z	4.105	4.105	0 %100
213	MP4C	X	0	0	0 %100
214	MP4C	Z	4.091	4.091	0 %100
215	MP3B	X	0	0	0 %100
216	MP3B	Z	4.091	4.091	0 %100
217	MP1B	X	0	0	0 %100
218	MP1B	Z	4.105	4.105	0 %100
219	MP4B	X	0	0	0 %100
220	MP4B	Z	4.091	4.091	0 %100

Member Distributed Loads (BLC 60 : Structure Wi (210 Deg))

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
1	M1	X	-45	-45	0 %100
2	M1	Z	.779	.779	0 %100
3	M7	X	-1.38	-1.38	0 %100
4	M7	Z	2.39	2.39	0 %100



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Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
5	M8	X	-3.86	-3.86	0 %100
6	M8	Z	6.685	6.685	0 %100
7	M13	X	0	0	0 %100
8	M13	Z	0	0	0 %100
9	M14	X	-.222	-.222	0 %100
10	M14	Z	.384	.384	0 %100
11	M18	X	-.222	-.222	0 %100
12	M18	Z	.384	.384	0 %100
13	M25	X	-.536	-.536	0 %100
14	M25	Z	.929	.929	0 %100
15	M26	X	-.536	-.536	0 %100
16	M26	Z	.929	.929	0 %100
17	M31	X	-1.622	-1.622	0 %100
18	M31	Z	2.81	2.81	0 %100
19	M42A	X	-1.38	-1.38	0 %100
20	M42A	Z	2.39	2.39	0 %100
21	M44A	X	-1.207	-1.207	0 %100
22	M44A	Z	2.091	2.091	0 %100
23	M44	X	-.222	-.222	0 %100
24	M44	Z	.384	.384	0 %100
25	M46A	X	-.222	-.222	0 %100
26	M46A	Z	.384	.384	0 %100
27	M46B	X	-1.217	-1.217	0 %100
28	M46B	Z	2.107	2.107	0 %100
29	M34A	X	0	0	0 %100
30	M34A	Z	0	0	0 %100
31	M35	X	-1.207	-1.207	0 %100
32	M35	Z	2.091	2.091	0 %100
33	M36	X	-1.217	-1.217	0 %100
34	M36	Z	2.107	2.107	0 %100
35	M38	X	0	0	0 %100
36	M38	Z	0	0	0 %100
37	M42	X	-.45	-.45	0 %100
38	M42	Z	.779	.779	0 %100
39	M47	X	-1.38	-1.38	0 %100
40	M47	Z	2.39	2.39	0 %100
41	M48	X	-3.86	-3.86	0 %100
42	M48	Z	6.685	6.685	0 %100
43	M50	X	-1.207	-1.207	0 %100
44	M50	Z	2.091	2.091	0 %100
45	M51	X	-.222	-.222	0 %100
46	M51	Z	.384	.384	0 %100
47	M53	X	-.222	-.222	0 %100
48	M53	Z	.384	.384	0 %100
49	M56	X	-.536	-.536	0 %100
50	M56	Z	.929	.929	0 %100
51	M57	X	-.536	-.536	0 %100
52	M57	Z	.929	.929	0 %100
53	M59	X	0	0	0 %100
54	M59	Z	0	0	0 %100
55	M61	X	-1.38	-1.38	0 %100
56	M61	Z	2.39	2.39	0 %100
57	M62	X	0	0	0 %100
58	M62	Z	0	0	0 %100
59	M64	X	-.222	-.222	0 %100
60	M64	Z	.384	.384	0 %100
61	M66	X	-.222	-.222	0 %100



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Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
62	M66	Z	.384	.384	0 %100
63	M67	X	-1.217	-1.217	0 %100
64	M67	Z	2.107	2.107	0 %100
65	M68	X	-1.207	-1.207	0 %100
66	M68	Z	2.091	2.091	0 %100
67	M69	X	0	0	0 %100
68	M69	Z	0	0	0 %100
69	M70	X	-1.217	-1.217	0 %100
70	M70	Z	2.107	2.107	0 %100
71	M79	X	-1.622	-1.622	0 %100
72	M79	Z	2.81	2.81	0 %100
73	M83	X	-1.799	-1.799	0 %100
74	M83	Z	3.117	3.117	0 %100
75	M88	X	0	0	0 %100
76	M88	Z	0	0	0 %100
77	M89	X	0	0	0 %100
78	M89	Z	0	0	0 %100
79	M91	X	-1.207	-1.207	0 %100
80	M91	Z	2.091	2.091	0 %100
81	M92	X	-.888	-.888	0 %100
82	M92	Z	1.538	1.538	0 %100
83	M94	X	-.888	-.888	0 %100
84	M94	Z	1.538	1.538	0 %100
85	M97	X	-2.146	-2.146	0 %100
86	M97	Z	3.717	3.717	0 %100
87	M98	X	-2.146	-2.146	0 %100
88	M98	Z	3.717	3.717	0 %100
89	M100	X	-1.622	-1.622	0 %100
90	M100	Z	2.81	2.81	0 %100
91	M102	X	0	0	0 %100
92	M102	Z	0	0	0 %100
93	M103	X	-1.207	-1.207	0 %100
94	M103	Z	2.091	2.091	0 %100
95	M105	X	-.888	-.888	0 %100
96	M105	Z	1.538	1.538	0 %100
97	M107	X	-.888	-.888	0 %100
98	M107	Z	1.538	1.538	0 %100
99	M108	X	0	0	0 %100
100	M108	Z	0	0	0 %100
101	M109	X	-1.207	-1.207	0 %100
102	M109	Z	2.091	2.091	0 %100
103	M110	X	-1.207	-1.207	0 %100
104	M110	Z	2.091	2.091	0 %100
105	M111	X	0	0	0 %100
106	M111	Z	0	0	0 %100
107	M118	X	-1.813	-1.813	0 %100
108	M118	Z	3.141	3.141	0 %100
109	M120	X	-1.622	-1.622	0 %100
110	M120	Z	2.81	2.81	0 %100
111	M121A	X	-1.813	-1.813	0 %100
112	M121A	Z	3.141	3.141	0 %100
113	M126	X	0	0	0 %100
114	M126	Z	0	0	0 %100
115	M131	X	-1.806	-1.806	0 %100
116	M131	Z	3.128	3.128	0 %100
117	M134	X	-1.806	-1.806	0 %100
118	M134	Z	3.128	3.128	0 %100

Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
119	M148	X	-1.488	-1.488	0 %100
120	M148	Z	2.578	2.578	0 %100
121	M152B	X	-1.641	-1.641	0 %100
122	M152B	Z	2.843	2.843	0 %100
123	M155	X	-1.685	-1.685	0 %100
124	M155	Z	2.919	2.919	0 %100
125	M154	X	-1.488	-1.488	0 %100
126	M154	Z	2.578	2.578	0 %100
127	M157A	X	0	0	0 %100
128	M157A	Z	0	0	0 %100
129	M162	X	-2.506	-2.506	0 %100
130	M162	Z	4.34	4.34	0 %100
131	M163	X	-2.506	-2.506	0 %100
132	M163	Z	4.34	4.34	0 %100
133	M166	X	-1.374	-1.374	0 %100
134	M166	Z	2.381	2.381	0 %100
135	M167	X	-1.374	-1.374	0 %100
136	M167	Z	2.381	2.381	0 %100
137	M168	X	0	0	0 %100
138	M168	Z	0	0	0 %100
139	M169	X	-1.488	-1.488	0 %100
140	M169	Z	2.578	2.578	0 %100
141	M170	X	-1.488	-1.488	0 %100
142	M170	Z	2.578	2.578	0 %100
143	M171	X	0	0	0 %100
144	M171	Z	0	0	0 %100
145	M174	X	-1.316	-1.316	0 %100
146	M174	Z	2.28	2.28	0 %100
147	M177	X	-1.316	-1.316	0 %100
148	M177	Z	2.28	2.28	0 %100
149	M180	X	-1.316	-1.316	0 %100
150	M180	Z	2.28	2.28	0 %100
151	M183	X	-1.316	-1.316	0 %100
152	M183	Z	2.28	2.28	0 %100
153	M186	X	0	0	0 %100
154	M186	Z	0	0	0 %100
155	M189	X	0	0	0 %100
156	M189	Z	0	0	0 %100
157	M223	X	-2.493	-2.493	0 %100
158	M223	Z	4.318	4.318	0 %100
159	M226A	X	-2.493	-2.493	0 %100
160	M226A	Z	4.318	4.318	0 %100
161	M228A	X	-1.641	-1.641	0 %100
162	M228A	Z	2.843	2.843	0 %100
163	M232A	X	-1.067	-1.067	0 %100
164	M232A	Z	1.849	1.849	0 %100
165	M235	X	-1.067	-1.067	0 %100
166	M235	Z	1.849	1.849	0 %100
167	M237	X	0	0	0 %100
168	M237	Z	0	0	0 %100
169	M240A	X	-.226	-.226	0 %100
170	M240A	Z	.391	.391	0 %100
171	M242A	X	-.226	-.226	0 %100
172	M242A	Z	.391	.391	0 %100
173	M244	X	-1.685	-1.685	0 %100
174	M244	Z	2.919	2.919	0 %100
175	M246	X	-3.145	-3.145	0 %100

Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
176	M246	Z	5.447	5.447	0	%100
177	M248	X	-3.145	-3.145	0	%100
178	M248	Z	5.447	5.447	0	%100
179	MP2A	X	-2.229	-2.229	0	%100
180	MP2A	Z	3.861	3.861	0	%100
181	MP3A	X	-2.046	-2.046	0	%100
182	MP3A	Z	3.543	3.543	0	%100
183	MP2C	X	-2.229	-2.229	0	%100
184	MP2C	Z	3.861	3.861	0	%100
185	MP2B	X	-2.229	-2.229	0	%100
186	MP2B	Z	3.861	3.861	0	%100
187	M256	X	-2.229	-2.229	0	%100
188	M256	Z	3.86	3.86	0	%100
189	M257	X	-2.229	-2.229	0	%100
190	M257	Z	3.86	3.86	0	%100
191	M258	X	-2.788	-2.788	0	%100
192	M258	Z	4.829	4.829	0	%100
193	M261	X	-1.748	-1.748	0	%100
194	M261	Z	3.028	3.028	0	%100
195	M264	X	-1.748	-1.748	0	%100
196	M264	Z	3.028	3.028	0	%100
197	M267	X	0	0	0	%100
198	M267	Z	0	0	0	%100
199	M274	X	-1.569	-1.569	0	%100
200	M274	Z	2.717	2.717	0	%100
201	M275	X	0	0	0	%100
202	M275	Z	0	0	0	%100
203	M276	X	-1.569	-1.569	0	%100
204	M276	Z	2.717	2.717	0	%100
205	MP1A	X	-2.052	-2.052	0	%100
206	MP1A	Z	3.555	3.555	0	%100
207	MP4A	X	-2.046	-2.046	0	%100
208	MP4A	Z	3.543	3.543	0	%100
209	MP3C	X	-2.046	-2.046	0	%100
210	MP3C	Z	3.543	3.543	0	%100
211	MP1C	X	-2.052	-2.052	0	%100
212	MP1C	Z	3.555	3.555	0	%100
213	MP4C	X	-2.046	-2.046	0	%100
214	MP4C	Z	3.543	3.543	0	%100
215	MP3B	X	-2.046	-2.046	0	%100
216	MP3B	Z	3.543	3.543	0	%100
217	MP1B	X	-2.052	-2.052	0	%100
218	MP1B	Z	3.555	3.555	0	%100
219	MP4B	X	-2.046	-2.046	0	%100
220	MP4B	Z	3.543	3.543	0	%100

Member Distributed Loads (BLC 61 : Structure Wi (240 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
1	M1	X	-2.338	-2.338	0	%100
2	M1	Z	1.35	1.35	0	%100
3	M7	X	-.797	-.797	0	%100
4	M7	Z	.46	.46	0	%100
5	M8	X	-2.228	-2.228	0	%100
6	M8	Z	1.287	1.287	0	%100
7	M13	X	-.697	-.697	0	%100
8	M13	Z	.402	.402	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

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Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
9	M14	X	-1.153	-1.153	0	%100
10	M14	Z	.666	.666	0	%100
11	M18	X	-1.153	-1.153	0	%100
12	M18	Z	.666	.666	0	%100
13	M25	X	-2.788	-2.788	0	%100
14	M25	Z	1.609	1.609	0	%100
15	M26	X	-2.788	-2.788	0	%100
16	M26	Z	1.609	1.609	0	%100
17	M31	X	-3.746	-3.746	0	%100
18	M31	Z	2.163	2.163	0	%100
19	M42A	X	-.797	-.797	0	%100
20	M42A	Z	.46	.46	0	%100
21	M44A	X	-2.788	-2.788	0	%100
22	M44A	Z	1.61	1.61	0	%100
23	M44	X	-1.153	-1.153	0	%100
24	M44	Z	.666	.666	0	%100
25	M46A	X	-1.153	-1.153	0	%100
26	M46A	Z	.666	.666	0	%100
27	M46B	X	-.702	-.702	0	%100
28	M46B	Z	.406	.406	0	%100
29	M34A	X	-.697	-.697	0	%100
30	M34A	Z	.402	.402	0	%100
31	M35	X	-2.788	-2.788	0	%100
32	M35	Z	1.61	1.61	0	%100
33	M36	X	-.702	-.702	0	%100
34	M36	Z	.406	.406	0	%100
35	M38	X	-.937	-.937	0	%100
36	M38	Z	.541	.541	0	%100
37	M42	X	0	0	0	%100
38	M42	Z	0	0	0	%100
39	M47	X	-3.187	-3.187	0	%100
40	M47	Z	1.84	1.84	0	%100
41	M48	X	-8.914	-8.914	0	%100
42	M48	Z	5.146	5.146	0	%100
43	M50	X	-.697	-.697	0	%100
44	M50	Z	.402	.402	0	%100
45	M51	X	0	0	0	%100
46	M51	Z	0	0	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	0	0	0	%100
49	M56	X	0	0	0	%100
50	M56	Z	0	0	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M59	X	-.937	-.937	0	%100
54	M59	Z	.541	.541	0	%100
55	M61	X	-3.187	-3.187	0	%100
56	M61	Z	1.84	1.84	0	%100
57	M62	X	-.697	-.697	0	%100
58	M62	Z	.402	.402	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M66	X	0	0	0	%100
62	M66	Z	0	0	0	%100
63	M67	X	-2.81	-2.81	0	%100
64	M67	Z	1.622	1.622	0	%100
65	M68	X	-.697	-.697	0	%100



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Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
66	M68	Z	.402	.402	0 %100
67	M69	X	-.697	-.697	0 %100
68	M69	Z	.402	.402	0 %100
69	M70	X	-2.81	-2.81	0 %100
70	M70	Z	1.622	1.622	0 %100
71	M79	X	-.937	-.937	0 %100
72	M79	Z	.541	.541	0 %100
73	M83	X	-2.338	-2.338	0 %100
74	M83	Z	1.35	1.35	0 %100
75	M88	X	-.797	-.797	0 %100
76	M88	Z	.46	.46	0 %100
77	M89	X	-2.228	-2.228	0 %100
78	M89	Z	1.287	1.287	0 %100
79	M91	X	-2.788	-2.788	0 %100
80	M91	Z	1.61	1.61	0 %100
81	M92	X	-1.153	-1.153	0 %100
82	M92	Z	.666	.666	0 %100
83	M94	X	-1.153	-1.153	0 %100
84	M94	Z	.666	.666	0 %100
85	M97	X	-2.788	-2.788	0 %100
86	M97	Z	1.609	1.609	0 %100
87	M98	X	-2.788	-2.788	0 %100
88	M98	Z	1.609	1.609	0 %100
89	M100	X	-.937	-.937	0 %100
90	M100	Z	.541	.541	0 %100
91	M102	X	-.797	-.797	0 %100
92	M102	Z	.46	.46	0 %100
93	M103	X	-.697	-.697	0 %100
94	M103	Z	.402	.402	0 %100
95	M105	X	-1.153	-1.153	0 %100
96	M105	Z	.666	.666	0 %100
97	M107	X	-1.153	-1.153	0 %100
98	M107	Z	.666	.666	0 %100
99	M108	X	-.702	-.702	0 %100
100	M108	Z	.406	.406	0 %100
101	M109	X	-2.788	-2.788	0 %100
102	M109	Z	1.61	1.61	0 %100
103	M110	X	-.697	-.697	0 %100
104	M110	Z	.402	.402	0 %100
105	M111	X	-.702	-.702	0 %100
106	M111	Z	.406	.406	0 %100
107	M118	X	-1.047	-1.047	0 %100
108	M118	Z	.604	.604	0 %100
109	M120	X	-3.746	-3.746	0 %100
110	M120	Z	2.163	2.163	0 %100
111	M121A	X	-4.187	-4.187	0 %100
112	M121A	Z	2.418	2.418	0 %100
113	M126	X	-1.047	-1.047	0 %100
114	M126	Z	.604	.604	0 %100
115	M131	X	-6.094	-6.094	0 %100
116	M131	Z	3.518	3.518	0 %100
117	M134	X	-6.094	-6.094	0 %100
118	M134	Z	3.518	3.518	0 %100
119	M148	X	-.859	-.859	0 %100
120	M148	Z	.496	.496	0 %100
121	M152B	X	-.948	-.948	0 %100
122	M152B	Z	.547	.547	0 %100

Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
123	M155	X	-5.447	-5.447	0 %100
124	M155	Z	3.145	3.145	0 %100
125	M154	X	-3.437	-3.437	0 %100
126	M154	Z	1.985	1.985	0 %100
127	M157A	X	-.859	-.859	0 %100
128	M157A	Z	.496	.496	0 %100
129	M162	X	-5.786	-5.786	0 %100
130	M162	Z	3.341	3.341	0 %100
131	M163	X	-5.786	-5.786	0 %100
132	M163	Z	3.341	3.341	0 %100
133	M166	X	-.794	-.794	0 %100
134	M166	Z	.458	.458	0 %100
135	M167	X	-3.174	-3.174	0 %100
136	M167	Z	1.833	1.833	0 %100
137	M168	X	-.794	-.794	0 %100
138	M168	Z	.458	.458	0 %100
139	M169	X	-.859	-.859	0 %100
140	M169	Z	.496	.496	0 %100
141	M170	X	-3.437	-3.437	0 %100
142	M170	Z	1.985	1.985	0 %100
143	M171	X	-.859	-.859	0 %100
144	M171	Z	.496	.496	0 %100
145	M174	X	-.76	-.76	0 %100
146	M174	Z	.439	.439	0 %100
147	M177	X	-.76	-.76	0 %100
148	M177	Z	.439	.439	0 %100
149	M180	X	-3.04	-3.04	0 %100
150	M180	Z	1.755	1.755	0 %100
151	M183	X	-3.04	-3.04	0 %100
152	M183	Z	1.755	1.755	0 %100
153	M186	X	-.76	-.76	0 %100
154	M186	Z	.439	.439	0 %100
155	M189	X	-.76	-.76	0 %100
156	M189	Z	.439	.439	0 %100
157	M223	X	-5.141	-5.141	0 %100
158	M223	Z	2.968	2.968	0 %100
159	M226A	X	-5.141	-5.141	0 %100
160	M226A	Z	2.968	2.968	0 %100
161	M228A	X	-3.79	-3.79	0 %100
162	M228A	Z	2.188	2.188	0 %100
163	M232A	X	-2.672	-2.672	0 %100
164	M232A	Z	1.543	1.543	0 %100
165	M235	X	-2.672	-2.672	0 %100
166	M235	Z	1.543	1.543	0 %100
167	M237	X	-.948	-.948	0 %100
168	M237	Z	.547	.547	0 %100
169	M240A	X	-2.919	-2.919	0 %100
170	M240A	Z	1.685	1.685	0 %100
171	M242A	X	-.391	-.391	0 %100
172	M242A	Z	.226	.226	0 %100
173	M244	X	-.391	-.391	0 %100
174	M244	Z	.226	.226	0 %100
175	M246	X	-2.919	-2.919	0 %100
176	M246	Z	1.685	1.685	0 %100
177	M248	X	-5.447	-5.447	0 %100
178	M248	Z	3.145	3.145	0 %100
179	MP2A	X	-3.861	-3.861	0 %100

Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
180	MP2A	Z	2.229	2.229	0	%100
181	MP3A	X	-3.543	-3.543	0	%100
182	MP3A	Z	2.046	2.046	0	%100
183	MP2C	X	-3.861	-3.861	0	%100
184	MP2C	Z	2.229	2.229	0	%100
185	MP2B	X	-3.861	-3.861	0	%100
186	MP2B	Z	2.229	2.229	0	%100
187	M256	X	-4.506	-4.506	0	%100
188	M256	Z	2.602	2.602	0	%100
189	M257	X	-3.537	-3.537	0	%100
190	M257	Z	2.042	2.042	0	%100
191	M258	X	-4.506	-4.506	0	%100
192	M258	Z	2.602	2.602	0	%100
193	M261	X	-1.009	-1.009	0	%100
194	M261	Z	.583	.583	0	%100
195	M264	X	-4.037	-4.037	0	%100
196	M264	Z	2.331	2.331	0	%100
197	M267	X	-1.009	-1.009	0	%100
198	M267	Z	.583	.583	0	%100
199	M274	X	-3.623	-3.623	0	%100
200	M274	Z	2.092	2.092	0	%100
201	M275	X	-.906	-.906	0	%100
202	M275	Z	.523	.523	0	%100
203	M276	X	-.906	-.906	0	%100
204	M276	Z	.523	.523	0	%100
205	MP1A	X	-3.555	-3.555	0	%100
206	MP1A	Z	2.052	2.052	0	%100
207	MP4A	X	-3.543	-3.543	0	%100
208	MP4A	Z	2.046	2.046	0	%100
209	MP3C	X	-3.543	-3.543	0	%100
210	MP3C	Z	2.046	2.046	0	%100
211	MP1C	X	-3.555	-3.555	0	%100
212	MP1C	Z	2.052	2.052	0	%100
213	MP4C	X	-3.543	-3.543	0	%100
214	MP4C	Z	2.046	2.046	0	%100
215	MP3B	X	-3.543	-3.543	0	%100
216	MP3B	Z	2.046	2.046	0	%100
217	MP1B	X	-3.555	-3.555	0	%100
218	MP1B	Z	2.052	2.052	0	%100
219	MP4B	X	-3.543	-3.543	0	%100
220	MP4B	Z	2.046	2.046	0	%100

Member Distributed Loads (BLC 62 : Structure Wi (270 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	-3.599	-3.599	0	%100
2	M1	Z	0	0	0	%100
3	M7	X	0	0	0	%100
4	M7	Z	0	0	0	%100
5	M8	X	0	0	0	%100
6	M8	Z	0	0	0	%100
7	M13	X	-2.415	-2.415	0	%100
8	M13	Z	0	0	0	%100
9	M14	X	-1.776	-1.776	0	%100
10	M14	Z	0	0	0	%100
11	M18	X	-1.776	-1.776	0	%100
12	M18	Z	0	0	0	%100



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Member Distributed Loads (BLC 62 : Structure Wi (270 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
13	M25	X	-4.292	-4.292	0 %100
14	M25	Z	0	0	0 %100
15	M26	X	-4.292	-4.292	0 %100
16	M26	Z	0	0	0 %100
17	M31	X	-3.244	-3.244	0 %100
18	M31	Z	0	0	0 %100
19	M42A	X	0	0	0 %100
20	M42A	Z	0	0	0 %100
21	M44A	X	-2.415	-2.415	0 %100
22	M44A	Z	0	0	0 %100
23	M44	X	-1.776	-1.776	0 %100
24	M44	Z	0	0	0 %100
25	M46A	X	-1.776	-1.776	0 %100
26	M46A	Z	0	0	0 %100
27	M46B	X	0	0	0 %100
28	M46B	Z	0	0	0 %100
29	M34A	X	-2.415	-2.415	0 %100
30	M34A	Z	0	0	0 %100
31	M35	X	-2.415	-2.415	0 %100
32	M35	Z	0	0	0 %100
33	M36	X	0	0	0 %100
34	M36	Z	0	0	0 %100
35	M38	X	-3.244	-3.244	0 %100
36	M38	Z	0	0	0 %100
37	M42	X	-.9	-.9	0 %100
38	M42	Z	0	0	0 %100
39	M47	X	-2.76	-2.76	0 %100
40	M47	Z	0	0	0 %100
41	M48	X	-7.72	-7.72	0 %100
42	M48	Z	0	0	0 %100
43	M50	X	0	0	0 %100
44	M50	Z	0	0	0 %100
45	M51	X	-.444	-.444	0 %100
46	M51	Z	0	0	0 %100
47	M53	X	-.444	-.444	0 %100
48	M53	Z	0	0	0 %100
49	M56	X	-1.073	-1.073	0 %100
50	M56	Z	0	0	0 %100
51	M57	X	-1.073	-1.073	0 %100
52	M57	Z	0	0	0 %100
53	M59	X	-3.244	-3.244	0 %100
54	M59	Z	0	0	0 %100
55	M61	X	-2.76	-2.76	0 %100
56	M61	Z	0	0	0 %100
57	M62	X	-2.415	-2.415	0 %100
58	M62	Z	0	0	0 %100
59	M64	X	-.444	-.444	0 %100
60	M64	Z	0	0	0 %100
61	M66	X	-.444	-.444	0 %100
62	M66	Z	0	0	0 %100
63	M67	X	-2.433	-2.433	0 %100
64	M67	Z	0	0	0 %100
65	M68	X	0	0	0 %100
66	M68	Z	0	0	0 %100
67	M69	X	-2.415	-2.415	0 %100
68	M69	Z	0	0	0 %100
69	M70	X	-2.433	-2.433	0 %100



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Member Distributed Loads (BLC 62 : Structure Wi (270 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
70	M70	Z	0	0	0	%100
71	M79	X	0	0	0	%100
72	M79	Z	0	0	0	%100
73	M83	X	-.9	-.9	0	%100
74	M83	Z	0	0	0	%100
75	M88	X	-2.76	-2.76	0	%100
76	M88	Z	0	0	0	%100
77	M89	X	-7.72	-7.72	0	%100
78	M89	Z	0	0	0	%100
79	M91	X	-2.415	-2.415	0	%100
80	M91	Z	0	0	0	%100
81	M92	X	-.444	-.444	0	%100
82	M92	Z	0	0	0	%100
83	M94	X	-.444	-.444	0	%100
84	M94	Z	0	0	0	%100
85	M97	X	-1.073	-1.073	0	%100
86	M97	Z	0	0	0	%100
87	M98	X	-1.073	-1.073	0	%100
88	M98	Z	0	0	0	%100
89	M100	X	0	0	0	%100
90	M100	Z	0	0	0	%100
91	M102	X	-2.76	-2.76	0	%100
92	M102	Z	0	0	0	%100
93	M103	X	0	0	0	%100
94	M103	Z	0	0	0	%100
95	M105	X	-.444	-.444	0	%100
96	M105	Z	0	0	0	%100
97	M107	X	-.444	-.444	0	%100
98	M107	Z	0	0	0	%100
99	M108	X	-2.433	-2.433	0	%100
100	M108	Z	0	0	0	%100
101	M109	X	-2.415	-2.415	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	-2.433	-2.433	0	%100
106	M111	Z	0	0	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	0	0	0	%100
109	M120	X	-3.244	-3.244	0	%100
110	M120	Z	0	0	0	%100
111	M121A	X	-3.626	-3.626	0	%100
112	M121A	Z	0	0	0	%100
113	M126	X	-3.626	-3.626	0	%100
114	M126	Z	0	0	0	%100
115	M131	X	-8.748	-8.748	0	%100
116	M131	Z	0	0	0	%100
117	M134	X	-8.748	-8.748	0	%100
118	M134	Z	0	0	0	%100
119	M148	X	0	0	0	%100
120	M148	Z	0	0	0	%100
121	M152B	X	0	0	0	%100
122	M152B	Z	0	0	0	%100
123	M155	X	-6.289	-6.289	0	%100
124	M155	Z	0	0	0	%100
125	M154	X	-2.977	-2.977	0	%100
126	M154	Z	0	0	0	%100

Member Distributed Loads (BLC 62 : Structure Wi (270 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
127	M157A	X	-2.977	-2.977	0 %100
128	M157A	Z	0	0	0 %100
129	M162	X	-5.011	-5.011	0 %100
130	M162	Z	0	0	0 %100
131	M163	X	-5.011	-5.011	0 %100
132	M163	Z	0	0	0 %100
133	M166	X	0	0	0 %100
134	M166	Z	0	0	0 %100
135	M167	X	-2.749	-2.749	0 %100
136	M167	Z	0	0	0 %100
137	M168	X	-2.749	-2.749	0 %100
138	M168	Z	0	0	0 %100
139	M169	X	0	0	0 %100
140	M169	Z	0	0	0 %100
141	M170	X	-2.977	-2.977	0 %100
142	M170	Z	0	0	0 %100
143	M171	X	-2.977	-2.977	0 %100
144	M171	Z	0	0	0 %100
145	M174	X	0	0	0 %100
146	M174	Z	0	0	0 %100
147	M177	X	0	0	0 %100
148	M177	Z	0	0	0 %100
149	M180	X	-2.633	-2.633	0 %100
150	M180	Z	0	0	0 %100
151	M183	X	-2.633	-2.633	0 %100
152	M183	Z	0	0	0 %100
153	M186	X	-2.633	-2.633	0 %100
154	M186	Z	0	0	0 %100
155	M189	X	-2.633	-2.633	0 %100
156	M189	Z	0	0	0 %100
157	M223	X	-4.986	-4.986	0 %100
158	M223	Z	0	0	0 %100
159	M226A	X	-4.986	-4.986	0 %100
160	M226A	Z	0	0	0 %100
161	M228A	X	-3.283	-3.283	0 %100
162	M228A	Z	0	0	0 %100
163	M232A	X	-4.986	-4.986	0 %100
164	M232A	Z	0	0	0 %100
165	M235	X	-4.986	-4.986	0 %100
166	M235	Z	0	0	0 %100
167	M237	X	-3.283	-3.283	0 %100
168	M237	Z	0	0	0 %100
169	M240A	X	-6.289	-6.289	0 %100
170	M240A	Z	0	0	0 %100
171	M242A	X	-3.37	-3.37	0 %100
172	M242A	Z	0	0	0 %100
173	M244	X	-.452	-.452	0 %100
174	M244	Z	0	0	0 %100
175	M246	X	-.452	-.452	0 %100
176	M246	Z	0	0	0 %100
177	M248	X	-3.37	-3.37	0 %100
178	M248	Z	0	0	0 %100
179	MP2A	X	-4.458	-4.458	0 %100
180	MP2A	Z	0	0	0 %100
181	MP3A	X	-4.091	-4.091	0 %100
182	MP3A	Z	0	0	0 %100
183	MP2C	X	-4.458	-4.458	0 %100

Member Distributed Loads (BLC 62 : Structure Wi (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
184	MP2C	Z	0	0	0	%100
185	MP2B	X	-4.458	-4.458	0	%100
186	MP2B	Z	0	0	0	%100
187	M256	X	-5.576	-5.576	0	%100
188	M256	Z	0	0	0	%100
189	M257	X	-4.458	-4.458	0	%100
190	M257	Z	0	0	0	%100
191	M258	X	-4.458	-4.458	0	%100
192	M258	Z	0	0	0	%100
193	M261	X	0	0	0	%100
194	M261	Z	0	0	0	%100
195	M264	X	-3.496	-3.496	0	%100
196	M264	Z	0	0	0	%100
197	M267	X	-3.496	-3.496	0	%100
198	M267	Z	0	0	0	%100
199	M274	X	-3.137	-3.137	0	%100
200	M274	Z	0	0	0	%100
201	M275	X	-3.137	-3.137	0	%100
202	M275	Z	0	0	0	%100
203	M276	X	0	0	0	%100
204	M276	Z	0	0	0	%100
205	MP1A	X	-4.105	-4.105	0	%100
206	MP1A	Z	0	0	0	%100
207	MP4A	X	-4.091	-4.091	0	%100
208	MP4A	Z	0	0	0	%100
209	MP3C	X	-4.091	-4.091	0	%100
210	MP3C	Z	0	0	0	%100
211	MP1C	X	-4.105	-4.105	0	%100
212	MP1C	Z	0	0	0	%100
213	MP4C	X	-4.091	-4.091	0	%100
214	MP4C	Z	0	0	0	%100
215	MP3B	X	-4.091	-4.091	0	%100
216	MP3B	Z	0	0	0	%100
217	MP1B	X	-4.105	-4.105	0	%100
218	MP1B	Z	0	0	0	%100
219	MP4B	X	-4.091	-4.091	0	%100
220	MP4B	Z	0	0	0	%100

Member Distributed Loads (BLC 63 : Structure Wi (300 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	-2.338	-2.338	0	%100
2	M1	Z	-1.35	-1.35	0	%100
3	M7	X	-0.797	-0.797	0	%100
4	M7	Z	-0.46	-0.46	0	%100
5	M8	X	-2.228	-2.228	0	%100
6	M8	Z	-1.287	-1.287	0	%100
7	M13	X	-2.788	-2.788	0	%100
8	M13	Z	-1.61	-1.61	0	%100
9	M14	X	-1.153	-1.153	0	%100
10	M14	Z	-0.666	-0.666	0	%100
11	M18	X	-1.153	-1.153	0	%100
12	M18	Z	-0.666	-0.666	0	%100
13	M25	X	-2.788	-2.788	0	%100
14	M25	Z	-1.609	-1.609	0	%100
15	M26	X	-2.788	-2.788	0	%100
16	M26	Z	-1.609	-1.609	0	%100



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Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
17	M31	X	- .937	- .937	0	%100
18	M31	Z	- .541	- .541	0	%100
19	M42A	X	- .797	- .797	0	%100
20	M42A	Z	- .46	- .46	0	%100
21	M44A	X	- .697	- .697	0	%100
22	M44A	Z	- .402	- .402	0	%100
23	M44	X	-1.153	-1.153	0	%100
24	M44	Z	- .666	- .666	0	%100
25	M46A	X	-1.153	-1.153	0	%100
26	M46A	Z	- .666	- .666	0	%100
27	M46B	X	- .702	- .702	0	%100
28	M46B	Z	- .406	- .406	0	%100
29	M34A	X	-2.788	-2.788	0	%100
30	M34A	Z	-1.61	-1.61	0	%100
31	M35	X	- .697	- .697	0	%100
32	M35	Z	- .402	- .402	0	%100
33	M36	X	- .702	- .702	0	%100
34	M36	Z	- .406	- .406	0	%100
35	M38	X	-3.746	-3.746	0	%100
36	M38	Z	-2.163	-2.163	0	%100
37	M42	X	-2.338	-2.338	0	%100
38	M42	Z	-1.35	-1.35	0	%100
39	M47	X	- .797	- .797	0	%100
40	M47	Z	- .46	- .46	0	%100
41	M48	X	-2.228	-2.228	0	%100
42	M48	Z	-1.287	-1.287	0	%100
43	M50	X	- .697	- .697	0	%100
44	M50	Z	- .402	- .402	0	%100
45	M51	X	-1.153	-1.153	0	%100
46	M51	Z	- .666	- .666	0	%100
47	M53	X	-1.153	-1.153	0	%100
48	M53	Z	- .666	- .666	0	%100
49	M56	X	-2.788	-2.788	0	%100
50	M56	Z	-1.609	-1.609	0	%100
51	M57	X	-2.788	-2.788	0	%100
52	M57	Z	-1.609	-1.609	0	%100
53	M59	X	-3.746	-3.746	0	%100
54	M59	Z	-2.163	-2.163	0	%100
55	M61	X	- .797	- .797	0	%100
56	M61	Z	- .46	- .46	0	%100
57	M62	X	-2.788	-2.788	0	%100
58	M62	Z	-1.61	-1.61	0	%100
59	M64	X	-1.153	-1.153	0	%100
60	M64	Z	- .666	- .666	0	%100
61	M66	X	-1.153	-1.153	0	%100
62	M66	Z	- .666	- .666	0	%100
63	M67	X	- .702	- .702	0	%100
64	M67	Z	- .406	- .406	0	%100
65	M68	X	- .697	- .697	0	%100
66	M68	Z	- .402	- .402	0	%100
67	M69	X	-2.788	-2.788	0	%100
68	M69	Z	-1.61	-1.61	0	%100
69	M70	X	- .702	- .702	0	%100
70	M70	Z	- .406	- .406	0	%100
71	M79	X	- .937	- .937	0	%100
72	M79	Z	- .541	- .541	0	%100
73	M83	X	0	0	0	%100

Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
74	M83	Z	0	0	0	%100
75	M88	X	-3.187	-3.187	0	%100
76	M88	Z	-1.84	-1.84	0	%100
77	M89	X	-8.914	-8.914	0	%100
78	M89	Z	-5.146	-5.146	0	%100
79	M91	X	-.697	-.697	0	%100
80	M91	Z	-.402	-.402	0	%100
81	M92	X	0	0	0	%100
82	M92	Z	0	0	0	%100
83	M94	X	0	0	0	%100
84	M94	Z	0	0	0	%100
85	M97	X	0	0	0	%100
86	M97	Z	0	0	0	%100
87	M98	X	0	0	0	%100
88	M98	Z	0	0	0	%100
89	M100	X	-.937	-.937	0	%100
90	M100	Z	-.541	-.541	0	%100
91	M102	X	-3.187	-3.187	0	%100
92	M102	Z	-1.84	-1.84	0	%100
93	M103	X	-.697	-.697	0	%100
94	M103	Z	-.402	-.402	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	0	0	0	%100
97	M107	X	0	0	0	%100
98	M107	Z	0	0	0	%100
99	M108	X	-2.81	-2.81	0	%100
100	M108	Z	-1.622	-1.622	0	%100
101	M109	X	-.697	-.697	0	%100
102	M109	Z	-.402	-.402	0	%100
103	M110	X	-.697	-.697	0	%100
104	M110	Z	-.402	-.402	0	%100
105	M111	X	-2.81	-2.81	0	%100
106	M111	Z	-1.622	-1.622	0	%100
107	M118	X	-1.047	-1.047	0	%100
108	M118	Z	-.604	-.604	0	%100
109	M120	X	-.937	-.937	0	%100
110	M120	Z	-.541	-.541	0	%100
111	M121A	X	-1.047	-1.047	0	%100
112	M121A	Z	-.604	-.604	0	%100
113	M126	X	-4.187	-4.187	0	%100
114	M126	Z	-2.418	-2.418	0	%100
115	M131	X	-6.094	-6.094	0	%100
116	M131	Z	-3.518	-3.518	0	%100
117	M134	X	-6.094	-6.094	0	%100
118	M134	Z	-3.518	-3.518	0	%100
119	M148	X	-.859	-.859	0	%100
120	M148	Z	-.496	-.496	0	%100
121	M152B	X	-.948	-.948	0	%100
122	M152B	Z	-.547	-.547	0	%100
123	M155	X	-2.919	-2.919	0	%100
124	M155	Z	-1.685	-1.685	0	%100
125	M154	X	-.859	-.859	0	%100
126	M154	Z	-.496	-.496	0	%100
127	M157A	X	-3.437	-3.437	0	%100
128	M157A	Z	-1.985	-1.985	0	%100
129	M162	X	-1.447	-1.447	0	%100
130	M162	Z	-.835	-.835	0	%100

Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.-%]	End Location[in.-%]
131	M163	X	-1.447	-1.447	0 %100
132	M163	Z	-.835	-.835	0 %100
133	M166	X	-.794	-.794	0 %100
134	M166	Z	-.458	-.458	0 %100
135	M167	X	-.794	-.794	0 %100
136	M167	Z	-.458	-.458	0 %100
137	M168	X	-3.174	-3.174	0 %100
138	M168	Z	-1.833	-1.833	0 %100
139	M169	X	-.859	-.859	0 %100
140	M169	Z	-.496	-.496	0 %100
141	M170	X	-.859	-.859	0 %100
142	M170	Z	-.496	-.496	0 %100
143	M171	X	-3.437	-3.437	0 %100
144	M171	Z	-1.985	-1.985	0 %100
145	M174	X	-.76	-.76	0 %100
146	M174	Z	-.439	-.439	0 %100
147	M177	X	-.76	-.76	0 %100
148	M177	Z	-.439	-.439	0 %100
149	M180	X	-.76	-.76	0 %100
150	M180	Z	-.439	-.439	0 %100
151	M183	X	-.76	-.76	0 %100
152	M183	Z	-.439	-.439	0 %100
153	M186	X	-3.04	-3.04	0 %100
154	M186	Z	-1.755	-1.755	0 %100
155	M189	X	-3.04	-3.04	0 %100
156	M189	Z	-1.755	-1.755	0 %100
157	M223	X	-2.672	-2.672	0 %100
158	M223	Z	-1.543	-1.543	0 %100
159	M226A	X	-2.672	-2.672	0 %100
160	M226A	Z	-1.543	-1.543	0 %100
161	M228A	X	-.948	-.948	0 %100
162	M228A	Z	-.547	-.547	0 %100
163	M232A	X	-5.141	-5.141	0 %100
164	M232A	Z	-2.968	-2.968	0 %100
165	M235	X	-5.141	-5.141	0 %100
166	M235	Z	-2.968	-2.968	0 %100
167	M237	X	-3.79	-3.79	0 %100
168	M237	Z	-2.188	-2.188	0 %100
169	M240A	X	-5.447	-5.447	0 %100
170	M240A	Z	-3.145	-3.145	0 %100
171	M242A	X	-5.447	-5.447	0 %100
172	M242A	Z	-3.145	-3.145	0 %100
173	M244	X	-2.919	-2.919	0 %100
174	M244	Z	-1.685	-1.685	0 %100
175	M246	X	-.391	-.391	0 %100
176	M246	Z	-.226	-.226	0 %100
177	M248	X	-.391	-.391	0 %100
178	M248	Z	-.226	-.226	0 %100
179	MP2A	X	-3.861	-3.861	0 %100
180	MP2A	Z	-2.229	-2.229	0 %100
181	MP3A	X	-3.543	-3.543	0 %100
182	MP3A	Z	-2.046	-2.046	0 %100
183	MP2C	X	-3.861	-3.861	0 %100
184	MP2C	Z	-2.229	-2.229	0 %100
185	MP2B	X	-3.861	-3.861	0 %100
186	MP2B	Z	-2.229	-2.229	0 %100
187	M256	X	-4.506	-4.506	0 %100

Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
188	M256	Z	-2.602	-2.602	0	%100
189	M257	X	-4.506	-4.506	0	%100
190	M257	Z	-2.602	-2.602	0	%100
191	M258	X	-3.537	-3.537	0	%100
192	M258	Z	-2.042	-2.042	0	%100
193	M261	X	-1.009	-1.009	0	%100
194	M261	Z	-.583	-.583	0	%100
195	M264	X	-1.009	-1.009	0	%100
196	M264	Z	-.583	-.583	0	%100
197	M267	X	-4.037	-4.037	0	%100
198	M267	Z	-2.331	-2.331	0	%100
199	M274	X	-.906	-.906	0	%100
200	M274	Z	-.523	-.523	0	%100
201	M275	X	-3.623	-3.623	0	%100
202	M275	Z	-2.092	-2.092	0	%100
203	M276	X	-.906	-.906	0	%100
204	M276	Z	-.523	-.523	0	%100
205	MP1A	X	-3.555	-3.555	0	%100
206	MP1A	Z	-2.052	-2.052	0	%100
207	MP4A	X	-3.543	-3.543	0	%100
208	MP4A	Z	-2.046	-2.046	0	%100
209	MP3C	X	-3.543	-3.543	0	%100
210	MP3C	Z	-2.046	-2.046	0	%100
211	MP1C	X	-3.555	-3.555	0	%100
212	MP1C	Z	-2.052	-2.052	0	%100
213	MP4C	X	-3.543	-3.543	0	%100
214	MP4C	Z	-2.046	-2.046	0	%100
215	MP3B	X	-3.543	-3.543	0	%100
216	MP3B	Z	-2.046	-2.046	0	%100
217	MP1B	X	-3.555	-3.555	0	%100
218	MP1B	Z	-2.052	-2.052	0	%100
219	MP4B	X	-3.543	-3.543	0	%100
220	MP4B	Z	-2.046	-2.046	0	%100

Member Distributed Loads (BLC 64 : Structure Wi (330 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	-.45	-.45	0	%100
2	M1	Z	-.779	-.779	0	%100
3	M7	X	-1.38	-1.38	0	%100
4	M7	Z	-2.39	-2.39	0	%100
5	M8	X	-3.86	-3.86	0	%100
6	M8	Z	-6.685	-6.685	0	%100
7	M13	X	-1.207	-1.207	0	%100
8	M13	Z	-2.091	-2.091	0	%100
9	M14	X	-.222	-.222	0	%100
10	M14	Z	-.384	-.384	0	%100
11	M18	X	-.222	-.222	0	%100
12	M18	Z	-.384	-.384	0	%100
13	M25	X	-.536	-.536	0	%100
14	M25	Z	-.929	-.929	0	%100
15	M26	X	-.536	-.536	0	%100
16	M26	Z	-.929	-.929	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	0	0	0	%100
19	M42A	X	-1.38	-1.38	0	%100
20	M42A	Z	-2.39	-2.39	0	%100

Member Distributed Loads (BLC 64 : Structure Wi (330 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
21	M44A	X	0	0	0	%100
22	M44A	Z	0	0	0	%100
23	M44	X	-0.222	-0.222	0	%100
24	M44	Z	-0.384	-0.384	0	%100
25	M46A	X	-0.222	-0.222	0	%100
26	M46A	Z	-0.384	-0.384	0	%100
27	M46B	X	-1.217	-1.217	0	%100
28	M46B	Z	-2.107	-2.107	0	%100
29	M34A	X	-1.207	-1.207	0	%100
30	M34A	Z	-2.091	-2.091	0	%100
31	M35	X	0	0	0	%100
32	M35	Z	0	0	0	%100
33	M36	X	-1.217	-1.217	0	%100
34	M36	Z	-2.107	-2.107	0	%100
35	M38	X	-1.622	-1.622	0	%100
36	M38	Z	-2.81	-2.81	0	%100
37	M42	X	-1.799	-1.799	0	%100
38	M42	Z	-3.117	-3.117	0	%100
39	M47	X	0	0	0	%100
40	M47	Z	0	0	0	%100
41	M48	X	0	0	0	%100
42	M48	Z	0	0	0	%100
43	M50	X	-1.207	-1.207	0	%100
44	M50	Z	-2.091	-2.091	0	%100
45	M51	X	-0.888	-0.888	0	%100
46	M51	Z	-1.538	-1.538	0	%100
47	M53	X	-0.888	-0.888	0	%100
48	M53	Z	-1.538	-1.538	0	%100
49	M56	X	-2.146	-2.146	0	%100
50	M56	Z	-3.717	-3.717	0	%100
51	M57	X	-2.146	-2.146	0	%100
52	M57	Z	-3.717	-3.717	0	%100
53	M59	X	-1.622	-1.622	0	%100
54	M59	Z	-2.81	-2.81	0	%100
55	M61	X	0	0	0	%100
56	M61	Z	0	0	0	%100
57	M62	X	-1.207	-1.207	0	%100
58	M62	Z	-2.091	-2.091	0	%100
59	M64	X	-0.888	-0.888	0	%100
60	M64	Z	-1.538	-1.538	0	%100
61	M66	X	-0.888	-0.888	0	%100
62	M66	Z	-1.538	-1.538	0	%100
63	M67	X	0	0	0	%100
64	M67	Z	0	0	0	%100
65	M68	X	-1.207	-1.207	0	%100
66	M68	Z	-2.091	-2.091	0	%100
67	M69	X	-1.207	-1.207	0	%100
68	M69	Z	-2.091	-2.091	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M79	X	-1.622	-1.622	0	%100
72	M79	Z	-2.81	-2.81	0	%100
73	M83	X	-0.45	-0.45	0	%100
74	M83	Z	-0.779	-0.779	0	%100
75	M88	X	-1.38	-1.38	0	%100
76	M88	Z	-2.39	-2.39	0	%100
77	M89	X	-3.86	-3.86	0	%100



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Member Distributed Loads (BLC 64 : Structure Wi (330 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
78	M89	Z	-6.685	-6.685	0 %100
79	M91	X	0	0	0 %100
80	M91	Z	0	0	0 %100
81	M92	X	-.222	-.222	0 %100
82	M92	Z	-.384	-.384	0 %100
83	M94	X	-.222	-.222	0 %100
84	M94	Z	-.384	-.384	0 %100
85	M97	X	-.536	-.536	0 %100
86	M97	Z	-.929	-.929	0 %100
87	M98	X	-.536	-.536	0 %100
88	M98	Z	-.929	-.929	0 %100
89	M100	X	-1.622	-1.622	0 %100
90	M100	Z	-2.81	-2.81	0 %100
91	M102	X	-1.38	-1.38	0 %100
92	M102	Z	-2.39	-2.39	0 %100
93	M103	X	-1.207	-1.207	0 %100
94	M103	Z	-2.091	-2.091	0 %100
95	M105	X	-.222	-.222	0 %100
96	M105	Z	-.384	-.384	0 %100
97	M107	X	-.222	-.222	0 %100
98	M107	Z	-.384	-.384	0 %100
99	M108	X	-1.217	-1.217	0 %100
100	M108	Z	-2.107	-2.107	0 %100
101	M109	X	0	0	0 %100
102	M109	Z	0	0	0 %100
103	M110	X	-1.207	-1.207	0 %100
104	M110	Z	-2.091	-2.091	0 %100
105	M111	X	-1.217	-1.217	0 %100
106	M111	Z	-2.107	-2.107	0 %100
107	M118	X	-1.813	-1.813	0 %100
108	M118	Z	-3.141	-3.141	0 %100
109	M120	X	0	0	0 %100
110	M120	Z	0	0	0 %100
111	M121A	X	0	0	0 %100
112	M121A	Z	0	0	0 %100
113	M126	X	-1.813	-1.813	0 %100
114	M126	Z	-3.141	-3.141	0 %100
115	M131	X	-1.806	-1.806	0 %100
116	M131	Z	-3.128	-3.128	0 %100
117	M134	X	-1.806	-1.806	0 %100
118	M134	Z	-3.128	-3.128	0 %100
119	M148	X	-1.488	-1.488	0 %100
120	M148	Z	-2.578	-2.578	0 %100
121	M152B	X	-1.641	-1.641	0 %100
122	M152B	Z	-2.843	-2.843	0 %100
123	M155	X	-.226	-.226	0 %100
124	M155	Z	-.391	-.391	0 %100
125	M154	X	0	0	0 %100
126	M154	Z	0	0	0 %100
127	M157A	X	-1.488	-1.488	0 %100
128	M157A	Z	-2.578	-2.578	0 %100
129	M162	X	0	0	0 %100
130	M162	Z	0	0	0 %100
131	M163	X	0	0	0 %100
132	M163	Z	0	0	0 %100
133	M166	X	-1.374	-1.374	0 %100
134	M166	Z	-2.381	-2.381	0 %100

Member Distributed Loads (BLC 64 : Structure Wi (330 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]	
135	M167	X	0	0	0	%100
136	M167	Z	0	0	0	%100
137	M168	X	-1.374	-1.374	0	%100
138	M168	Z	-2.381	-2.381	0	%100
139	M169	X	-1.488	-1.488	0	%100
140	M169	Z	-2.578	-2.578	0	%100
141	M170	X	0	0	0	%100
142	M170	Z	0	0	0	%100
143	M171	X	-1.488	-1.488	0	%100
144	M171	Z	-2.578	-2.578	0	%100
145	M174	X	-1.316	-1.316	0	%100
146	M174	Z	-2.28	-2.28	0	%100
147	M177	X	-1.316	-1.316	0	%100
148	M177	Z	-2.28	-2.28	0	%100
149	M180	X	0	0	0	%100
150	M180	Z	0	0	0	%100
151	M183	X	0	0	0	%100
152	M183	Z	0	0	0	%100
153	M186	X	-1.316	-1.316	0	%100
154	M186	Z	-2.28	-2.28	0	%100
155	M189	X	-1.316	-1.316	0	%100
156	M189	Z	-2.28	-2.28	0	%100
157	M223	X	-1.067	-1.067	0	%100
158	M223	Z	-1.849	-1.849	0	%100
159	M226A	X	-1.067	-1.067	0	%100
160	M226A	Z	-1.849	-1.849	0	%100
161	M228A	X	0	0	0	%100
162	M228A	Z	0	0	0	%100
163	M232A	X	-2.493	-2.493	0	%100
164	M232A	Z	-4.318	-4.318	0	%100
165	M235	X	-2.493	-2.493	0	%100
166	M235	Z	-4.318	-4.318	0	%100
167	M237	X	-1.641	-1.641	0	%100
168	M237	Z	-2.843	-2.843	0	%100
169	M240A	X	-1.685	-1.685	0	%100
170	M240A	Z	-2.919	-2.919	0	%100
171	M242A	X	-3.145	-3.145	0	%100
172	M242A	Z	-5.447	-5.447	0	%100
173	M244	X	-3.145	-3.145	0	%100
174	M244	Z	-5.447	-5.447	0	%100
175	M246	X	-1.685	-1.685	0	%100
176	M246	Z	-2.919	-2.919	0	%100
177	M248	X	-.226	-.226	0	%100
178	M248	Z	-.391	-.391	0	%100
179	MP2A	X	-2.229	-2.229	0	%100
180	MP2A	Z	-3.861	-3.861	0	%100
181	MP3A	X	-2.046	-2.046	0	%100
182	MP3A	Z	-3.543	-3.543	0	%100
183	MP2C	X	-2.229	-2.229	0	%100
184	MP2C	Z	-3.861	-3.861	0	%100
185	MP2B	X	-2.229	-2.229	0	%100
186	MP2B	Z	-3.861	-3.861	0	%100
187	M256	X	-2.229	-2.229	0	%100
188	M256	Z	-3.86	-3.86	0	%100
189	M257	X	-2.788	-2.788	0	%100
190	M257	Z	-4.829	-4.829	0	%100
191	M258	X	-2.229	-2.229	0	%100

Member Distributed Loads (BLC 64 : Structure Wi (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
192	M258	Z	-3.86	-3.86	0	%100
193	M261	X	-1.748	-1.748	0	%100
194	M261	Z	-3.028	-3.028	0	%100
195	M264	X	0	0	0	%100
196	M264	Z	0	0	0	%100
197	M267	X	-1.748	-1.748	0	%100
198	M267	Z	-3.028	-3.028	0	%100
199	M274	X	0	0	0	%100
200	M274	Z	0	0	0	%100
201	M275	X	-1.569	-1.569	0	%100
202	M275	Z	-2.717	-2.717	0	%100
203	M276	X	-1.569	-1.569	0	%100
204	M276	Z	-2.717	-2.717	0	%100
205	MP1A	X	-2.052	-2.052	0	%100
206	MP1A	Z	-3.555	-3.555	0	%100
207	MP4A	X	-2.046	-2.046	0	%100
208	MP4A	Z	-3.543	-3.543	0	%100
209	MP3C	X	-2.046	-2.046	0	%100
210	MP3C	Z	-3.543	-3.543	0	%100
211	MP1C	X	-2.052	-2.052	0	%100
212	MP1C	Z	-3.555	-3.555	0	%100
213	MP4C	X	-2.046	-2.046	0	%100
214	MP4C	Z	-3.543	-3.543	0	%100
215	MP3B	X	-2.046	-2.046	0	%100
216	MP3B	Z	-3.543	-3.543	0	%100
217	MP1B	X	-2.052	-2.052	0	%100
218	MP1B	Z	-3.555	-3.555	0	%100
219	MP4B	X	-2.046	-2.046	0	%100
220	MP4B	Z	-3.543	-3.543	0	%100

Member Distributed Loads (BLC 65 : Structure Wm (0 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M7	X	0	0	0	%100
4	M7	Z	-0.704	-0.704	0	%100
5	M8	X	0	0	0	%100
6	M8	Z	-3.17	-3.17	0	%100
7	M13	X	0	0	0	%100
8	M13	Z	-0.151	-0.151	0	%100
9	M14	X	0	0	0	%100
10	M14	Z	0	0	0	%100
11	M18	X	0	0	0	%100
12	M18	Z	0	0	0	%100
13	M25	X	0	0	0	%100
14	M25	Z	0	0	0	%100
15	M26	X	0	0	0	%100
16	M26	Z	0	0	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	-0.237	-0.237	0	%100
19	M42A	X	0	0	0	%100
20	M42A	Z	-0.704	-0.704	0	%100
21	M44A	X	0	0	0	%100
22	M44A	Z	-0.151	-0.151	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	0	0	0	%100



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Member Distributed Loads (BLC 65 : Structure Wm (0 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
25	M46A	X	0	0	0	%100
26	M46A	Z	0	0	0	%100
27	M46B	X	0	0	0	%100
28	M46B	Z	-.609	-.609	0	%100
29	M34A	X	0	0	0	%100
30	M34A	Z	-.151	-.151	0	%100
31	M35	X	0	0	0	%100
32	M35	Z	-.151	-.151	0	%100
33	M36	X	0	0	0	%100
34	M36	Z	-.609	-.609	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	-.237	-.237	0	%100
37	M42	X	0	0	0	%100
38	M42	Z	-.486	-.486	0	%100
39	M47	X	0	0	0	%100
40	M47	Z	-.176	-.176	0	%100
41	M48	X	0	0	0	%100
42	M48	Z	-.792	-.792	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	-.604	-.604	0	%100
45	M51	X	0	0	0	%100
46	M51	Z	-.077	-.077	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	-.077	-.077	0	%100
49	M56	X	0	0	0	%100
50	M56	Z	-.627	-.627	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-.627	-.627	0	%100
53	M59	X	0	0	0	%100
54	M59	Z	-.237	-.237	0	%100
55	M61	X	0	0	0	%100
56	M61	Z	-.176	-.176	0	%100
57	M62	X	0	0	0	%100
58	M62	Z	-.151	-.151	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	-.077	-.077	0	%100
61	M66	X	0	0	0	%100
62	M66	Z	-.077	-.077	0	%100
63	M67	X	0	0	0	%100
64	M67	Z	-.152	-.152	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	-.604	-.604	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	-.151	-.151	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	-.152	-.152	0	%100
71	M79	X	0	0	0	%100
72	M79	Z	-.946	-.946	0	%100
73	M83	X	0	0	0	%100
74	M83	Z	-.486	-.486	0	%100
75	M88	X	0	0	0	%100
76	M88	Z	-.176	-.176	0	%100
77	M89	X	0	0	0	%100
78	M89	Z	-.792	-.792	0	%100
79	M91	X	0	0	0	%100
80	M91	Z	-.151	-.151	0	%100
81	M92	X	0	0	0	%100

Member Distributed Loads (BLC 65 : Structure Wm (0 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
82	M92	Z	-0.077	-0.077	0 %100
83	M94	X	0	0	0 %100
84	M94	Z	-0.077	-0.077	0 %100
85	M97	X	0	0	0 %100
86	M97	Z	-0.627	-0.627	0 %100
87	M98	X	0	0	0 %100
88	M98	Z	-0.627	-0.627	0 %100
89	M100	X	0	0	0 %100
90	M100	Z	-0.946	-0.946	0 %100
91	M102	X	0	0	0 %100
92	M102	Z	-0.176	-0.176	0 %100
93	M103	X	0	0	0 %100
94	M103	Z	-0.604	-0.604	0 %100
95	M105	X	0	0	0 %100
96	M105	Z	-0.077	-0.077	0 %100
97	M107	X	0	0	0 %100
98	M107	Z	-0.077	-0.077	0 %100
99	M108	X	0	0	0 %100
100	M108	Z	-0.152	-0.152	0 %100
101	M109	X	0	0	0 %100
102	M109	Z	-0.151	-0.151	0 %100
103	M110	X	0	0	0 %100
104	M110	Z	-0.604	-0.604	0 %100
105	M111	X	0	0	0 %100
106	M111	Z	-0.152	-0.152	0 %100
107	M118	X	0	0	0 %100
108	M118	Z	-1.057	-1.057	0 %100
109	M120	X	0	0	0 %100
110	M120	Z	-0.237	-0.237	0 %100
111	M121A	X	0	0	0 %100
112	M121A	Z	-0.264	-0.264	0 %100
113	M126	X	0	0	0 %100
114	M126	Z	-0.264	-0.264	0 %100
115	M131	X	0	0	0 %100
116	M131	Z	-0.132	-0.132	0 %100
117	M134	X	0	0	0 %100
118	M134	Z	-0.132	-0.132	0 %100
119	M148	X	0	0	0 %100
120	M148	Z	-0.627	-0.627	0 %100
121	M152B	X	0	0	0 %100
122	M152B	Z	-0.774	-0.774	0 %100
123	M155	X	0	0	0 %100
124	M155	Z	-0.127	-0.127	0 %100
125	M154	X	0	0	0 %100
126	M154	Z	-0.157	-0.157	0 %100
127	M157A	X	0	0	0 %100
128	M157A	Z	-0.157	-0.157	0 %100
129	M162	X	0	0	0 %100
130	M162	Z	-0.467	-0.467	0 %100
131	M163	X	0	0	0 %100
132	M163	Z	-0.467	-0.467	0 %100
133	M166	X	0	0	0 %100
134	M166	Z	-0.581	-0.581	0 %100
135	M167	X	0	0	0 %100
136	M167	Z	-0.145	-0.145	0 %100
137	M168	X	0	0	0 %100
138	M168	Z	-0.145	-0.145	0 %100

Member Distributed Loads (BLC 65 : Structure Wm (0 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
139	M169	X	0	0	0	%100
140	M169	Z	-.627	-.627	0	%100
141	M170	X	0	0	0	%100
142	M170	Z	-.157	-.157	0	%100
143	M171	X	0	0	0	%100
144	M171	Z	-.157	-.157	0	%100
145	M174	X	0	0	0	%100
146	M174	Z	-.668	-.668	0	%100
147	M177	X	0	0	0	%100
148	M177	Z	-.668	-.668	0	%100
149	M180	X	0	0	0	%100
150	M180	Z	-.167	-.167	0	%100
151	M183	X	0	0	0	%100
152	M183	Z	-.167	-.167	0	%100
153	M186	X	0	0	0	%100
154	M186	Z	-.167	-.167	0	%100
155	M189	X	0	0	0	%100
156	M189	Z	-.167	-.167	0	%100
157	M223	X	0	0	0	%100
158	M223	Z	-.559	-.559	0	%100
159	M226A	X	0	0	0	%100
160	M226A	Z	-.559	-.559	0	%100
161	M228A	X	0	0	0	%100
162	M228A	Z	-.194	-.194	0	%100
163	M232A	X	0	0	0	%100
164	M232A	Z	-.559	-.559	0	%100
165	M235	X	0	0	0	%100
166	M235	Z	-.559	-.559	0	%100
167	M237	X	0	0	0	%100
168	M237	Z	-.194	-.194	0	%100
169	M240A	X	0	0	0	%100
170	M240A	Z	-.127	-.127	0	%100
171	M242A	X	0	0	0	%100
172	M242A	Z	-.945	-.945	0	%100
173	M244	X	0	0	0	%100
174	M244	Z	-1.764	-1.764	0	%100
175	M246	X	0	0	0	%100
176	M246	Z	-1.764	-1.764	0	%100
177	M248	X	0	0	0	%100
178	M248	Z	-.945	-.945	0	%100
179	MP2A	X	0	0	0	%100
180	MP2A	Z	-.759	-.759	0	%100
181	MP3A	X	0	0	0	%100
182	MP3A	Z	-.627	-.627	0	%100
183	MP2C	X	0	0	0	%100
184	MP2C	Z	-.759	-.759	0	%100
185	MP2B	X	0	0	0	%100
186	MP2B	Z	-.759	-.759	0	%100
187	M256	X	0	0	0	%100
188	M256	Z	-1.066	-1.066	0	%100
189	M257	X	0	0	0	%100
190	M257	Z	-1.179	-1.179	0	%100
191	M258	X	0	0	0	%100
192	M258	Z	-1.179	-1.179	0	%100
193	M261	X	0	0	0	%100
194	M261	Z	-.759	-.759	0	%100
195	M264	X	0	0	0	%100

Member Distributed Loads (BLC 65 : Structure Wm (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
196	M264	Z	-.19	-.19	0	%100
197	M267	X	0	0	0	%100
198	M267	Z	-.19	-.19	0	%100
199	M274	X	0	0	0	%100
200	M274	Z	-.229	-.229	0	%100
201	M275	X	0	0	0	%100
202	M275	Z	-.229	-.229	0	%100
203	M276	X	0	0	0	%100
204	M276	Z	-.915	-.915	0	%100
205	MP1A	X	0	0	0	%100
206	MP1A	Z	-.627	-.627	0	%100
207	MP4A	X	0	0	0	%100
208	MP4A	Z	-.627	-.627	0	%100
209	MP3C	X	0	0	0	%100
210	MP3C	Z	-.627	-.627	0	%100
211	MP1C	X	0	0	0	%100
212	MP1C	Z	-.627	-.627	0	%100
213	MP4C	X	0	0	0	%100
214	MP4C	Z	-.627	-.627	0	%100
215	MP3B	X	0	0	0	%100
216	MP3B	Z	-.627	-.627	0	%100
217	MP1B	X	0	0	0	%100
218	MP1B	Z	-.627	-.627	0	%100
219	MP4B	X	0	0	0	%100
220	MP4B	Z	-.627	-.627	0	%100

Member Distributed Loads (BLC 66 : Structure Wm (30 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	.081	.081	0	%100
2	M1	Z	-.14	-.14	0	%100
3	M7	X	.264	.264	0	%100
4	M7	Z	-.457	-.457	0	%100
5	M8	X	1.189	1.189	0	%100
6	M8	Z	-2.059	-2.059	0	%100
7	M13	X	0	0	0	%100
8	M13	Z	0	0	0	%100
9	M14	X	.013	.013	0	%100
10	M14	Z	-.022	-.022	0	%100
11	M18	X	.013	.013	0	%100
12	M18	Z	-.022	-.022	0	%100
13	M25	X	.105	.105	0	%100
14	M25	Z	-.181	-.181	0	%100
15	M26	X	.105	.105	0	%100
16	M26	Z	-.181	-.181	0	%100
17	M31	X	.355	.355	0	%100
18	M31	Z	-.615	-.615	0	%100
19	M42A	X	.264	.264	0	%100
20	M42A	Z	-.457	-.457	0	%100
21	M44A	X	.226	.226	0	%100
22	M44A	Z	-.392	-.392	0	%100
23	M44	X	.013	.013	0	%100
24	M44	Z	-.022	-.022	0	%100
25	M46A	X	.013	.013	0	%100
26	M46A	Z	-.022	-.022	0	%100
27	M46B	X	.229	.229	0	%100
28	M46B	Z	-.396	-.396	0	%100



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Member Distributed Loads (BLC 66 : Structure Wm (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
29	M34A	X	0	0	0	%100
30	M34A	Z	0	0	0	%100
31	M35	X	.226	.226	0	%100
32	M35	Z	-.392	-.392	0	%100
33	M36	X	.229	.229	0	%100
34	M36	Z	-.396	-.396	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	0	0	0	%100
37	M42	X	.081	.081	0	%100
38	M42	Z	-.14	-.14	0	%100
39	M47	X	.264	.264	0	%100
40	M47	Z	-.457	-.457	0	%100
41	M48	X	1.189	1.189	0	%100
42	M48	Z	-2.059	-2.059	0	%100
43	M50	X	.226	.226	0	%100
44	M50	Z	-.392	-.392	0	%100
45	M51	X	.013	.013	0	%100
46	M51	Z	-.022	-.022	0	%100
47	M53	X	.013	.013	0	%100
48	M53	Z	-.022	-.022	0	%100
49	M56	X	.105	.105	0	%100
50	M56	Z	-.181	-.181	0	%100
51	M57	X	.105	.105	0	%100
52	M57	Z	-.181	-.181	0	%100
53	M59	X	0	0	0	%100
54	M59	Z	0	0	0	%100
55	M61	X	.264	.264	0	%100
56	M61	Z	-.457	-.457	0	%100
57	M62	X	0	0	0	%100
58	M62	Z	0	0	0	%100
59	M64	X	.013	.013	0	%100
60	M64	Z	-.022	-.022	0	%100
61	M66	X	.013	.013	0	%100
62	M66	Z	-.022	-.022	0	%100
63	M67	X	.229	.229	0	%100
64	M67	Z	-.396	-.396	0	%100
65	M68	X	.226	.226	0	%100
66	M68	Z	-.392	-.392	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	.229	.229	0	%100
70	M70	Z	-.396	-.396	0	%100
71	M79	X	.355	.355	0	%100
72	M79	Z	-.615	-.615	0	%100
73	M83	X	.324	.324	0	%100
74	M83	Z	-.561	-.561	0	%100
75	M88	X	0	0	0	%100
76	M88	Z	0	0	0	%100
77	M89	X	0	0	0	%100
78	M89	Z	0	0	0	%100
79	M91	X	.226	.226	0	%100
80	M91	Z	-.392	-.392	0	%100
81	M92	X	.052	.052	0	%100
82	M92	Z	-.089	-.089	0	%100
83	M94	X	.052	.052	0	%100
84	M94	Z	-.089	-.089	0	%100
85	M97	X	.418	.418	0	%100

Member Distributed Loads (BLC 66 : Structure Wm (30 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
86	M97	Z	-.724	-.724	0 %100
87	M98	X	.418	.418	0 %100
88	M98	Z	-.724	-.724	0 %100
89	M100	X	.355	.355	0 %100
90	M100	Z	-.615	-.615	0 %100
91	M102	X	0	0	0 %100
92	M102	Z	0	0	0 %100
93	M103	X	.226	.226	0 %100
94	M103	Z	-.392	-.392	0 %100
95	M105	X	.052	.052	0 %100
96	M105	Z	-.089	-.089	0 %100
97	M107	X	.052	.052	0 %100
98	M107	Z	-.089	-.089	0 %100
99	M108	X	0	0	0 %100
100	M108	Z	0	0	0 %100
101	M109	X	.226	.226	0 %100
102	M109	Z	-.392	-.392	0 %100
103	M110	X	.226	.226	0 %100
104	M110	Z	-.392	-.392	0 %100
105	M111	X	0	0	0 %100
106	M111	Z	0	0	0 %100
107	M118	X	.396	.396	0 %100
108	M118	Z	-.686	-.686	0 %100
109	M120	X	.355	.355	0 %100
110	M120	Z	-.615	-.615	0 %100
111	M121A	X	.396	.396	0 %100
112	M121A	Z	-.686	-.686	0 %100
113	M126	X	0	0	0 %100
114	M126	Z	0	0	0 %100
115	M131	X	.374	.374	0 %100
116	M131	Z	-.648	-.648	0 %100
117	M134	X	.374	.374	0 %100
118	M134	Z	-.648	-.648	0 %100
119	M148	X	.235	.235	0 %100
120	M148	Z	-.407	-.407	0 %100
121	M152B	X	.29	.29	0 %100
122	M152B	Z	-.503	-.503	0 %100
123	M155	X	.473	.473	0 %100
124	M155	Z	-.819	-.819	0 %100
125	M154	X	.235	.235	0 %100
126	M154	Z	-.407	-.407	0 %100
127	M157A	X	0	0	0 %100
128	M157A	Z	0	0	0 %100
129	M162	X	.701	.701	0 %100
130	M162	Z	-1.214	-1.214	0 %100
131	M163	X	.701	.701	0 %100
132	M163	Z	-1.214	-1.214	0 %100
133	M166	X	.218	.218	0 %100
134	M166	Z	-.378	-.378	0 %100
135	M167	X	.218	.218	0 %100
136	M167	Z	-.378	-.378	0 %100
137	M168	X	0	0	0 %100
138	M168	Z	0	0	0 %100
139	M169	X	.235	.235	0 %100
140	M169	Z	-.407	-.407	0 %100
141	M170	X	.235	.235	0 %100
142	M170	Z	-.407	-.407	0 %100



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Member Distributed Loads (BLC 66 : Structure Wm (30 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
143	M171	X	0	0	0	%100
144	M171	Z	0	0	0	%100
145	M174	X	.25	.25	0	%100
146	M174	Z	-.434	-.434	0	%100
147	M177	X	.25	.25	0	%100
148	M177	Z	-.434	-.434	0	%100
149	M180	X	.25	.25	0	%100
150	M180	Z	-.434	-.434	0	%100
151	M183	X	.25	.25	0	%100
152	M183	Z	-.434	-.434	0	%100
153	M186	X	0	0	0	%100
154	M186	Z	0	0	0	%100
155	M189	X	0	0	0	%100
156	M189	Z	0	0	0	%100
157	M223	X	.621	.621	0	%100
158	M223	Z	-1.076	-1.076	0	%100
159	M226A	X	.621	.621	0	%100
160	M226A	Z	-1.076	-1.076	0	%100
161	M228A	X	.29	.29	0	%100
162	M228A	Z	-.503	-.503	0	%100
163	M232A	X	.108	.108	0	%100
164	M232A	Z	-.187	-.187	0	%100
165	M235	X	.108	.108	0	%100
166	M235	Z	-.187	-.187	0	%100
167	M237	X	0	0	0	%100
168	M237	Z	0	0	0	%100
169	M240A	X	.063	.063	0	%100
170	M240A	Z	-.11	-.11	0	%100
171	M242A	X	.063	.063	0	%100
172	M242A	Z	-.11	-.11	0	%100
173	M244	X	.473	.473	0	%100
174	M244	Z	-.819	-.819	0	%100
175	M246	X	.882	.882	0	%100
176	M246	Z	-1.528	-1.528	0	%100
177	M248	X	.882	.882	0	%100
178	M248	Z	-1.528	-1.528	0	%100
179	MP2A	X	.38	.38	0	%100
180	MP2A	Z	-.658	-.658	0	%100
181	MP3A	X	.314	.314	0	%100
182	MP3A	Z	-.543	-.543	0	%100
183	MP2C	X	.38	.38	0	%100
184	MP2C	Z	-.658	-.658	0	%100
185	MP2B	X	.38	.38	0	%100
186	MP2B	Z	-.658	-.658	0	%100
187	M256	X	.552	.552	0	%100
188	M256	Z	-.956	-.956	0	%100
189	M257	X	.552	.552	0	%100
190	M257	Z	-.956	-.956	0	%100
191	M258	X	.608	.608	0	%100
192	M258	Z	-1.054	-1.054	0	%100
193	M261	X	.285	.285	0	%100
194	M261	Z	-.493	-.493	0	%100
195	M264	X	.285	.285	0	%100
196	M264	Z	-.493	-.493	0	%100
197	M267	X	0	0	0	%100
198	M267	Z	0	0	0	%100
199	M274	X	.343	.343	0	%100



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Member Distributed Loads (BLC 66 : Structure Wm (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
200	M274	Z	-.594	-.594	0	%100
201	M275	X	0	0	0	%100
202	M275	Z	0	0	0	%100
203	M276	X	.343	.343	0	%100
204	M276	Z	-.594	-.594	0	%100
205	MP1A	X	.314	.314	0	%100
206	MP1A	Z	-.543	-.543	0	%100
207	MP4A	X	.314	.314	0	%100
208	MP4A	Z	-.543	-.543	0	%100
209	MP3C	X	.314	.314	0	%100
210	MP3C	Z	-.543	-.543	0	%100
211	MP1C	X	.314	.314	0	%100
212	MP1C	Z	-.543	-.543	0	%100
213	MP4C	X	.314	.314	0	%100
214	MP4C	Z	-.543	-.543	0	%100
215	MP3B	X	.314	.314	0	%100
216	MP3B	Z	-.543	-.543	0	%100
217	MP1B	X	.314	.314	0	%100
218	MP1B	Z	-.543	-.543	0	%100
219	MP4B	X	.314	.314	0	%100
220	MP4B	Z	-.543	-.543	0	%100

Member Distributed Loads (BLC 67 : Structure Wm (60 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	.421	.421	0	%100
2	M1	Z	-.243	-.243	0	%100
3	M7	X	.152	.152	0	%100
4	M7	Z	-.088	-.088	0	%100
5	M8	X	.686	.686	0	%100
6	M8	Z	-.396	-.396	0	%100
7	M13	X	.131	.131	0	%100
8	M13	Z	-.075	-.075	0	%100
9	M14	X	.067	.067	0	%100
10	M14	Z	-.039	-.039	0	%100
11	M18	X	.067	.067	0	%100
12	M18	Z	-.039	-.039	0	%100
13	M25	X	.543	.543	0	%100
14	M25	Z	-.314	-.314	0	%100
15	M26	X	.543	.543	0	%100
16	M26	Z	-.314	-.314	0	%100
17	M31	X	.82	.82	0	%100
18	M31	Z	-.473	-.473	0	%100
19	M42A	X	.152	.152	0	%100
20	M42A	Z	-.088	-.088	0	%100
21	M44A	X	.523	.523	0	%100
22	M44A	Z	-.302	-.302	0	%100
23	M44	X	.067	.067	0	%100
24	M44	Z	-.039	-.039	0	%100
25	M46A	X	.067	.067	0	%100
26	M46A	Z	-.039	-.039	0	%100
27	M46B	X	.132	.132	0	%100
28	M46B	Z	-.076	-.076	0	%100
29	M34A	X	.131	.131	0	%100
30	M34A	Z	-.075	-.075	0	%100
31	M35	X	.523	.523	0	%100
32	M35	Z	-.302	-.302	0	%100



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Member Distributed Loads (BLC 67 : Structure Wm (60 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
33	M36	X	.132	.132	0 %100
34	M36	Z	-.076	-.076	0 %100
35	M38	X	.205	.205	0 %100
36	M38	Z	-.118	-.118	0 %100
37	M42	X	0	0	0 %100
38	M42	Z	0	0	0 %100
39	M47	X	.61	.61	0 %100
40	M47	Z	-.352	-.352	0 %100
41	M48	X	2.745	2.745	0 %100
42	M48	Z	-1.585	-1.585	0 %100
43	M50	X	.131	.131	0 %100
44	M50	Z	-.075	-.075	0 %100
45	M51	X	0	0	0 %100
46	M51	Z	0	0	0 %100
47	M53	X	0	0	0 %100
48	M53	Z	0	0	0 %100
49	M56	X	0	0	0 %100
50	M56	Z	0	0	0 %100
51	M57	X	0	0	0 %100
52	M57	Z	0	0	0 %100
53	M59	X	.205	.205	0 %100
54	M59	Z	-.118	-.118	0 %100
55	M61	X	.61	.61	0 %100
56	M61	Z	-.352	-.352	0 %100
57	M62	X	.131	.131	0 %100
58	M62	Z	-.075	-.075	0 %100
59	M64	X	0	0	0 %100
60	M64	Z	0	0	0 %100
61	M66	X	0	0	0 %100
62	M66	Z	0	0	0 %100
63	M67	X	.528	.528	0 %100
64	M67	Z	-.305	-.305	0 %100
65	M68	X	.131	.131	0 %100
66	M68	Z	-.075	-.075	0 %100
67	M69	X	.131	.131	0 %100
68	M69	Z	-.075	-.075	0 %100
69	M70	X	.528	.528	0 %100
70	M70	Z	-.305	-.305	0 %100
71	M79	X	.205	.205	0 %100
72	M79	Z	-.118	-.118	0 %100
73	M83	X	.421	.421	0 %100
74	M83	Z	-.243	-.243	0 %100
75	M88	X	.152	.152	0 %100
76	M88	Z	-.088	-.088	0 %100
77	M89	X	.686	.686	0 %100
78	M89	Z	-.396	-.396	0 %100
79	M91	X	.523	.523	0 %100
80	M91	Z	-.302	-.302	0 %100
81	M92	X	.067	.067	0 %100
82	M92	Z	-.039	-.039	0 %100
83	M94	X	.067	.067	0 %100
84	M94	Z	-.039	-.039	0 %100
85	M97	X	.543	.543	0 %100
86	M97	Z	-.314	-.314	0 %100
87	M98	X	.543	.543	0 %100
88	M98	Z	-.314	-.314	0 %100
89	M100	X	.205	.205	0 %100



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Member Distributed Loads (BLC 67 : Structure Wm (60 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
90	M100	Z	-.118	-.118	0 %100
91	M102	X	.152	.152	0 %100
92	M102	Z	-.088	-.088	0 %100
93	M103	X	.131	.131	0 %100
94	M103	Z	-.075	-.075	0 %100
95	M105	X	.067	.067	0 %100
96	M105	Z	-.039	-.039	0 %100
97	M107	X	.067	.067	0 %100
98	M107	Z	-.039	-.039	0 %100
99	M108	X	.132	.132	0 %100
100	M108	Z	-.076	-.076	0 %100
101	M109	X	.523	.523	0 %100
102	M109	Z	-.302	-.302	0 %100
103	M110	X	.131	.131	0 %100
104	M110	Z	-.075	-.075	0 %100
105	M111	X	.132	.132	0 %100
106	M111	Z	-.076	-.076	0 %100
107	M118	X	.229	.229	0 %100
108	M118	Z	-.132	-.132	0 %100
109	M120	X	.82	.82	0 %100
110	M120	Z	-.473	-.473	0 %100
111	M121A	X	.915	.915	0 %100
112	M121A	Z	-.528	-.528	0 %100
113	M126	X	.229	.229	0 %100
114	M126	Z	-.132	-.132	0 %100
115	M131	X	1.716	1.716	0 %100
116	M131	Z	-.99	-.99	0 %100
117	M134	X	1.716	1.716	0 %100
118	M134	Z	-.99	-.99	0 %100
119	M148	X	.136	.136	0 %100
120	M148	Z	-.078	-.078	0 %100
121	M152B	X	.168	.168	0 %100
122	M152B	Z	-.097	-.097	0 %100
123	M155	X	1.528	1.528	0 %100
124	M155	Z	-.882	-.882	0 %100
125	M154	X	.543	.543	0 %100
126	M154	Z	-.314	-.314	0 %100
127	M157A	X	.136	.136	0 %100
128	M157A	Z	-.078	-.078	0 %100
129	M162	X	1.619	1.619	0 %100
130	M162	Z	-.935	-.935	0 %100
131	M163	X	1.619	1.619	0 %100
132	M163	Z	-.935	-.935	0 %100
133	M166	X	.126	.126	0 %100
134	M166	Z	-.073	-.073	0 %100
135	M167	X	.504	.504	0 %100
136	M167	Z	-.291	-.291	0 %100
137	M168	X	.126	.126	0 %100
138	M168	Z	-.073	-.073	0 %100
139	M169	X	.136	.136	0 %100
140	M169	Z	-.078	-.078	0 %100
141	M170	X	.543	.543	0 %100
142	M170	Z	-.314	-.314	0 %100
143	M171	X	.136	.136	0 %100
144	M171	Z	-.078	-.078	0 %100
145	M174	X	.145	.145	0 %100
146	M174	Z	-.083	-.083	0 %100

Member Distributed Loads (BLC 67 : Structure Wm (60 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
147	M177	X	.145	.145	0 %100
148	M177	Z	-.083	-.083	0 %100
149	M180	X	.578	.578	0 %100
150	M180	Z	-.334	-.334	0 %100
151	M183	X	.578	.578	0 %100
152	M183	Z	-.334	-.334	0 %100
153	M186	X	.145	.145	0 %100
154	M186	Z	-.083	-.083	0 %100
155	M189	X	.145	.145	0 %100
156	M189	Z	-.083	-.083	0 %100
157	M223	X	1.372	1.372	0 %100
158	M223	Z	-.792	-.792	0 %100
159	M226A	X	1.372	1.372	0 %100
160	M226A	Z	-.792	-.792	0 %100
161	M228A	X	.67	.67	0 %100
162	M228A	Z	-.387	-.387	0 %100
163	M232A	X	.484	.484	0 %100
164	M232A	Z	-.279	-.279	0 %100
165	M235	X	.484	.484	0 %100
166	M235	Z	-.279	-.279	0 %100
167	M237	X	.168	.168	0 %100
168	M237	Z	-.097	-.097	0 %100
169	M240A	X	.819	.819	0 %100
170	M240A	Z	-.473	-.473	0 %100
171	M242A	X	.11	.11	0 %100
172	M242A	Z	-.063	-.063	0 %100
173	M244	X	.11	.11	0 %100
174	M244	Z	-.063	-.063	0 %100
175	M246	X	.819	.819	0 %100
176	M246	Z	-.473	-.473	0 %100
177	M248	X	1.528	1.528	0 %100
178	M248	Z	-.882	-.882	0 %100
179	MP2A	X	.658	.658	0 %100
180	MP2A	Z	-.38	-.38	0 %100
181	MP3A	X	.543	.543	0 %100
182	MP3A	Z	-.314	-.314	0 %100
183	MP2C	X	.658	.658	0 %100
184	MP2C	Z	-.38	-.38	0 %100
185	MP2B	X	.658	.658	0 %100
186	MP2B	Z	-.38	-.38	0 %100
187	M256	X	1.021	1.021	0 %100
188	M256	Z	-.589	-.589	0 %100
189	M257	X	.923	.923	0 %100
190	M257	Z	-.533	-.533	0 %100
191	M258	X	1.021	1.021	0 %100
192	M258	Z	-.589	-.589	0 %100
193	M261	X	.164	.164	0 %100
194	M261	Z	-.095	-.095	0 %100
195	M264	X	.658	.658	0 %100
196	M264	Z	-.38	-.38	0 %100
197	M267	X	.164	.164	0 %100
198	M267	Z	-.095	-.095	0 %100
199	M274	X	.792	.792	0 %100
200	M274	Z	-.457	-.457	0 %100
201	M275	X	.198	.198	0 %100
202	M275	Z	-.114	-.114	0 %100
203	M276	X	.198	.198	0 %100

Member Distributed Loads (BLC 67 : Structure Wm (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
204	M276	Z	-.114	-.114	0	%100
205	MP1A	X	.543	.543	0	%100
206	MP1A	Z	-.314	-.314	0	%100
207	MP4A	X	.543	.543	0	%100
208	MP4A	Z	-.314	-.314	0	%100
209	MP3C	X	.543	.543	0	%100
210	MP3C	Z	-.314	-.314	0	%100
211	MP1C	X	.543	.543	0	%100
212	MP1C	Z	-.314	-.314	0	%100
213	MP4C	X	.543	.543	0	%100
214	MP4C	Z	-.314	-.314	0	%100
215	MP3B	X	.543	.543	0	%100
216	MP3B	Z	-.314	-.314	0	%100
217	MP1B	X	.543	.543	0	%100
218	MP1B	Z	-.314	-.314	0	%100
219	MP4B	X	.543	.543	0	%100
220	MP4B	Z	-.314	-.314	0	%100

Member Distributed Loads (BLC 68 : Structure Wm (90 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	.648	.648	0	%100
2	M1	Z	0	0	0	%100
3	M7	X	0	0	0	%100
4	M7	Z	0	0	0	%100
5	M8	X	0	0	0	%100
6	M8	Z	0	0	0	%100
7	M13	X	.453	.453	0	%100
8	M13	Z	0	0	0	%100
9	M14	X	.103	.103	0	%100
10	M14	Z	0	0	0	%100
11	M18	X	.103	.103	0	%100
12	M18	Z	0	0	0	%100
13	M25	X	.836	.836	0	%100
14	M25	Z	0	0	0	%100
15	M26	X	.836	.836	0	%100
16	M26	Z	0	0	0	%100
17	M31	X	.71	.71	0	%100
18	M31	Z	0	0	0	%100
19	M42A	X	0	0	0	%100
20	M42A	Z	0	0	0	%100
21	M44A	X	.453	.453	0	%100
22	M44A	Z	0	0	0	%100
23	M44	X	.103	.103	0	%100
24	M44	Z	0	0	0	%100
25	M46A	X	.103	.103	0	%100
26	M46A	Z	0	0	0	%100
27	M46B	X	0	0	0	%100
28	M46B	Z	0	0	0	%100
29	M34A	X	.453	.453	0	%100
30	M34A	Z	0	0	0	%100
31	M35	X	.453	.453	0	%100
32	M35	Z	0	0	0	%100
33	M36	X	0	0	0	%100
34	M36	Z	0	0	0	%100
35	M38	X	.71	.71	0	%100
36	M38	Z	0	0	0	%100



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Member Distributed Loads (BLC 68 : Structure Wm (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
37	M42	X	.162	.162	0	%100
38	M42	Z	0	0	0	%100
39	M47	X	.528	.528	0	%100
40	M47	Z	0	0	0	%100
41	M48	X	2.377	2.377	0	%100
42	M48	Z	0	0	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	0	0	0	%100
45	M51	X	.026	.026	0	%100
46	M51	Z	0	0	0	%100
47	M53	X	.026	.026	0	%100
48	M53	Z	0	0	0	%100
49	M56	X	.209	.209	0	%100
50	M56	Z	0	0	0	%100
51	M57	X	.209	.209	0	%100
52	M57	Z	0	0	0	%100
53	M59	X	.71	.71	0	%100
54	M59	Z	0	0	0	%100
55	M61	X	.528	.528	0	%100
56	M61	Z	0	0	0	%100
57	M62	X	.453	.453	0	%100
58	M62	Z	0	0	0	%100
59	M64	X	.026	.026	0	%100
60	M64	Z	0	0	0	%100
61	M66	X	.026	.026	0	%100
62	M66	Z	0	0	0	%100
63	M67	X	.457	.457	0	%100
64	M67	Z	0	0	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M69	X	.453	.453	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	.457	.457	0	%100
70	M70	Z	0	0	0	%100
71	M79	X	0	0	0	%100
72	M79	Z	0	0	0	%100
73	M83	X	.162	.162	0	%100
74	M83	Z	0	0	0	%100
75	M88	X	.528	.528	0	%100
76	M88	Z	0	0	0	%100
77	M89	X	2.377	2.377	0	%100
78	M89	Z	0	0	0	%100
79	M91	X	.453	.453	0	%100
80	M91	Z	0	0	0	%100
81	M92	X	.026	.026	0	%100
82	M92	Z	0	0	0	%100
83	M94	X	.026	.026	0	%100
84	M94	Z	0	0	0	%100
85	M97	X	.209	.209	0	%100
86	M97	Z	0	0	0	%100
87	M98	X	.209	.209	0	%100
88	M98	Z	0	0	0	%100
89	M100	X	0	0	0	%100
90	M100	Z	0	0	0	%100
91	M102	X	.528	.528	0	%100
92	M102	Z	0	0	0	%100
93	M103	X	0	0	0	%100



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Member Distributed Loads (BLC 68 : Structure Wm (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
94	M103	Z	0	0	0	%100
95	M105	X	.026	.026	0	%100
96	M105	Z	0	0	0	%100
97	M107	X	.026	.026	0	%100
98	M107	Z	0	0	0	%100
99	M108	X	.457	.457	0	%100
100	M108	Z	0	0	0	%100
101	M109	X	.453	.453	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	.457	.457	0	%100
106	M111	Z	0	0	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	0	0	0	%100
109	M120	X	.71	.71	0	%100
110	M120	Z	0	0	0	%100
111	M121A	X	.792	.792	0	%100
112	M121A	Z	0	0	0	%100
113	M126	X	.792	.792	0	%100
114	M126	Z	0	0	0	%100
115	M131	X	2.597	2.597	0	%100
116	M131	Z	0	0	0	%100
117	M134	X	2.597	2.597	0	%100
118	M134	Z	0	0	0	%100
119	M148	X	0	0	0	%100
120	M148	Z	0	0	0	%100
121	M152B	X	0	0	0	%100
122	M152B	Z	0	0	0	%100
123	M155	X	1.764	1.764	0	%100
124	M155	Z	0	0	0	%100
125	M154	X	.47	.47	0	%100
126	M154	Z	0	0	0	%100
127	M157A	X	.47	.47	0	%100
128	M157A	Z	0	0	0	%100
129	M162	X	1.402	1.402	0	%100
130	M162	Z	0	0	0	%100
131	M163	X	1.402	1.402	0	%100
132	M163	Z	0	0	0	%100
133	M166	X	0	0	0	%100
134	M166	Z	0	0	0	%100
135	M167	X	.436	.436	0	%100
136	M167	Z	0	0	0	%100
137	M168	X	.436	.436	0	%100
138	M168	Z	0	0	0	%100
139	M169	X	0	0	0	%100
140	M169	Z	0	0	0	%100
141	M170	X	.47	.47	0	%100
142	M170	Z	0	0	0	%100
143	M171	X	.47	.47	0	%100
144	M171	Z	0	0	0	%100
145	M174	X	0	0	0	%100
146	M174	Z	0	0	0	%100
147	M177	X	0	0	0	%100
148	M177	Z	0	0	0	%100
149	M180	X	.501	.501	0	%100
150	M180	Z	0	0	0	%100



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Member Distributed Loads (BLC 68 : Structure Wm (90 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
151	M183	X	.501	.501	0 %100
152	M183	Z	0	0	0 %100
153	M186	X	.501	.501	0 %100
154	M186	Z	0	0	0 %100
155	M189	X	.501	.501	0 %100
156	M189	Z	0	0	0 %100
157	M223	X	1.243	1.243	0 %100
158	M223	Z	0	0	0 %100
159	M226A	X	1.243	1.243	0 %100
160	M226A	Z	0	0	0 %100
161	M228A	X	.581	.581	0 %100
162	M228A	Z	0	0	0 %100
163	M232A	X	1.243	1.243	0 %100
164	M232A	Z	0	0	0 %100
165	M235	X	1.243	1.243	0 %100
166	M235	Z	0	0	0 %100
167	M237	X	.581	.581	0 %100
168	M237	Z	0	0	0 %100
169	M240A	X	1.764	1.764	0 %100
170	M240A	Z	0	0	0 %100
171	M242A	X	.945	.945	0 %100
172	M242A	Z	0	0	0 %100
173	M244	X	.127	.127	0 %100
174	M244	Z	0	0	0 %100
175	M246	X	.127	.127	0 %100
176	M246	Z	0	0	0 %100
177	M248	X	.945	.945	0 %100
178	M248	Z	0	0	0 %100
179	MP2A	X	.759	.759	0 %100
180	MP2A	Z	0	0	0 %100
181	MP3A	X	.627	.627	0 %100
182	MP3A	Z	0	0	0 %100
183	MP2C	X	.759	.759	0 %100
184	MP2C	Z	0	0	0 %100
185	MP2B	X	.759	.759	0 %100
186	MP2B	Z	0	0	0 %100
187	M256	X	1.217	1.217	0 %100
188	M256	Z	0	0	0 %100
189	M257	X	1.104	1.104	0 %100
190	M257	Z	0	0	0 %100
191	M258	X	1.104	1.104	0 %100
192	M258	Z	0	0	0 %100
193	M261	X	0	0	0 %100
194	M261	Z	0	0	0 %100
195	M264	X	.57	.57	0 %100
196	M264	Z	0	0	0 %100
197	M267	X	.57	.57	0 %100
198	M267	Z	0	0	0 %100
199	M274	X	.686	.686	0 %100
200	M274	Z	0	0	0 %100
201	M275	X	.686	.686	0 %100
202	M275	Z	0	0	0 %100
203	M276	X	0	0	0 %100
204	M276	Z	0	0	0 %100
205	MP1A	X	.627	.627	0 %100
206	MP1A	Z	0	0	0 %100
207	MP4A	X	.627	.627	0 %100

Member Distributed Loads (BLC 68 : Structure Wm (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
208	MP4A	Z	0	0	0	%100
209	MP3C	X	.627	.627	0	%100
210	MP3C	Z	0	0	0	%100
211	MP1C	X	.627	.627	0	%100
212	MP1C	Z	0	0	0	%100
213	MP4C	X	.627	.627	0	%100
214	MP4C	Z	0	0	0	%100
215	MP3B	X	.627	.627	0	%100
216	MP3B	Z	0	0	0	%100
217	MP1B	X	.627	.627	0	%100
218	MP1B	Z	0	0	0	%100
219	MP4B	X	.627	.627	0	%100
220	MP4B	Z	0	0	0	%100

Member Distributed Loads (BLC 69 : Structure Wm (120 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	.421	.421	0	%100
2	M1	Z	.243	.243	0	%100
3	M7	X	.152	.152	0	%100
4	M7	Z	.088	.088	0	%100
5	M8	X	.686	.686	0	%100
6	M8	Z	.396	.396	0	%100
7	M13	X	.523	.523	0	%100
8	M13	Z	.302	.302	0	%100
9	M14	X	.067	.067	0	%100
10	M14	Z	.039	.039	0	%100
11	M18	X	.067	.067	0	%100
12	M18	Z	.039	.039	0	%100
13	M25	X	.543	.543	0	%100
14	M25	Z	.314	.314	0	%100
15	M26	X	.543	.543	0	%100
16	M26	Z	.314	.314	0	%100
17	M31	X	.205	.205	0	%100
18	M31	Z	.118	.118	0	%100
19	M42A	X	.152	.152	0	%100
20	M42A	Z	.088	.088	0	%100
21	M44A	X	.131	.131	0	%100
22	M44A	Z	.075	.075	0	%100
23	M44	X	.067	.067	0	%100
24	M44	Z	.039	.039	0	%100
25	M46A	X	.067	.067	0	%100
26	M46A	Z	.039	.039	0	%100
27	M46B	X	.132	.132	0	%100
28	M46B	Z	.076	.076	0	%100
29	M34A	X	.523	.523	0	%100
30	M34A	Z	.302	.302	0	%100
31	M35	X	.131	.131	0	%100
32	M35	Z	.075	.075	0	%100
33	M36	X	.132	.132	0	%100
34	M36	Z	.076	.076	0	%100
35	M38	X	.82	.82	0	%100
36	M38	Z	.473	.473	0	%100
37	M42	X	.421	.421	0	%100
38	M42	Z	.243	.243	0	%100
39	M47	X	.152	.152	0	%100
40	M47	Z	.088	.088	0	%100



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Member Distributed Loads (BLC 69 : Structure Wm (120 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
41	M48	X	.686	.686	0 %100
42	M48	Z	.396	.396	0 %100
43	M50	X	.131	.131	0 %100
44	M50	Z	.075	.075	0 %100
45	M51	X	.067	.067	0 %100
46	M51	Z	.039	.039	0 %100
47	M53	X	.067	.067	0 %100
48	M53	Z	.039	.039	0 %100
49	M56	X	.543	.543	0 %100
50	M56	Z	.314	.314	0 %100
51	M57	X	.543	.543	0 %100
52	M57	Z	.314	.314	0 %100
53	M59	X	.82	.82	0 %100
54	M59	Z	.473	.473	0 %100
55	M61	X	.152	.152	0 %100
56	M61	Z	.088	.088	0 %100
57	M62	X	.523	.523	0 %100
58	M62	Z	.302	.302	0 %100
59	M64	X	.067	.067	0 %100
60	M64	Z	.039	.039	0 %100
61	M66	X	.067	.067	0 %100
62	M66	Z	.039	.039	0 %100
63	M67	X	.132	.132	0 %100
64	M67	Z	.076	.076	0 %100
65	M68	X	.131	.131	0 %100
66	M68	Z	.075	.075	0 %100
67	M69	X	.523	.523	0 %100
68	M69	Z	.302	.302	0 %100
69	M70	X	.132	.132	0 %100
70	M70	Z	.076	.076	0 %100
71	M79	X	.205	.205	0 %100
72	M79	Z	.118	.118	0 %100
73	M83	X	0	0	0 %100
74	M83	Z	0	0	0 %100
75	M88	X	.61	.61	0 %100
76	M88	Z	.352	.352	0 %100
77	M89	X	2.745	2.745	0 %100
78	M89	Z	1.585	1.585	0 %100
79	M91	X	.131	.131	0 %100
80	M91	Z	.075	.075	0 %100
81	M92	X	0	0	0 %100
82	M92	Z	0	0	0 %100
83	M94	X	0	0	0 %100
84	M94	Z	0	0	0 %100
85	M97	X	0	0	0 %100
86	M97	Z	0	0	0 %100
87	M98	X	0	0	0 %100
88	M98	Z	0	0	0 %100
89	M100	X	.205	.205	0 %100
90	M100	Z	.118	.118	0 %100
91	M102	X	.61	.61	0 %100
92	M102	Z	.352	.352	0 %100
93	M103	X	.131	.131	0 %100
94	M103	Z	.075	.075	0 %100
95	M105	X	0	0	0 %100
96	M105	Z	0	0	0 %100
97	M107	X	0	0	0 %100



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Member Distributed Loads (BLC 69 : Structure Wm (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
98	M107	Z	0	0	0	%100
99	M108	X	.528	.528	0	%100
100	M108	Z	.305	.305	0	%100
101	M109	X	.131	.131	0	%100
102	M109	Z	.075	.075	0	%100
103	M110	X	.131	.131	0	%100
104	M110	Z	.075	.075	0	%100
105	M111	X	.528	.528	0	%100
106	M111	Z	.305	.305	0	%100
107	M118	X	.229	.229	0	%100
108	M118	Z	.132	.132	0	%100
109	M120	X	.205	.205	0	%100
110	M120	Z	.118	.118	0	%100
111	M121A	X	.229	.229	0	%100
112	M121A	Z	.132	.132	0	%100
113	M126	X	.915	.915	0	%100
114	M126	Z	.528	.528	0	%100
115	M131	X	1.716	1.716	0	%100
116	M131	Z	.99	.99	0	%100
117	M134	X	1.716	1.716	0	%100
118	M134	Z	.99	.99	0	%100
119	M148	X	.136	.136	0	%100
120	M148	Z	.078	.078	0	%100
121	M152B	X	.168	.168	0	%100
122	M152B	Z	.097	.097	0	%100
123	M155	X	.819	.819	0	%100
124	M155	Z	.473	.473	0	%100
125	M154	X	.136	.136	0	%100
126	M154	Z	.078	.078	0	%100
127	M157A	X	.543	.543	0	%100
128	M157A	Z	.314	.314	0	%100
129	M162	X	.405	.405	0	%100
130	M162	Z	.234	.234	0	%100
131	M163	X	.405	.405	0	%100
132	M163	Z	.234	.234	0	%100
133	M166	X	.126	.126	0	%100
134	M166	Z	.073	.073	0	%100
135	M167	X	.126	.126	0	%100
136	M167	Z	.073	.073	0	%100
137	M168	X	.504	.504	0	%100
138	M168	Z	.291	.291	0	%100
139	M169	X	.136	.136	0	%100
140	M169	Z	.078	.078	0	%100
141	M170	X	.136	.136	0	%100
142	M170	Z	.078	.078	0	%100
143	M171	X	.543	.543	0	%100
144	M171	Z	.314	.314	0	%100
145	M174	X	.145	.145	0	%100
146	M174	Z	.083	.083	0	%100
147	M177	X	.145	.145	0	%100
148	M177	Z	.083	.083	0	%100
149	M180	X	.145	.145	0	%100
150	M180	Z	.083	.083	0	%100
151	M183	X	.145	.145	0	%100
152	M183	Z	.083	.083	0	%100
153	M186	X	.578	.578	0	%100
154	M186	Z	.334	.334	0	%100



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Member Distributed Loads (BLC 69 : Structure Wm (120 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
155	M189	X	.578	.578	0 %100
156	M189	Z	.334	.334	0 %100
157	M223	X	.484	.484	0 %100
158	M223	Z	.279	.279	0 %100
159	M226A	X	.484	.484	0 %100
160	M226A	Z	.279	.279	0 %100
161	M228A	X	.168	.168	0 %100
162	M228A	Z	.097	.097	0 %100
163	M232A	X	1.372	1.372	0 %100
164	M232A	Z	.792	.792	0 %100
165	M235	X	1.372	1.372	0 %100
166	M235	Z	.792	.792	0 %100
167	M237	X	.67	.67	0 %100
168	M237	Z	.387	.387	0 %100
169	M240A	X	1.528	1.528	0 %100
170	M240A	Z	.882	.882	0 %100
171	M242A	X	1.528	1.528	0 %100
172	M242A	Z	.882	.882	0 %100
173	M244	X	.819	.819	0 %100
174	M244	Z	.473	.473	0 %100
175	M246	X	.11	.11	0 %100
176	M246	Z	.063	.063	0 %100
177	M248	X	.11	.11	0 %100
178	M248	Z	.063	.063	0 %100
179	MP2A	X	.658	.658	0 %100
180	MP2A	Z	.38	.38	0 %100
181	MP3A	X	.543	.543	0 %100
182	MP3A	Z	.314	.314	0 %100
183	MP2C	X	.658	.658	0 %100
184	MP2C	Z	.38	.38	0 %100
185	MP2B	X	.658	.658	0 %100
186	MP2B	Z	.38	.38	0 %100
187	M256	X	1.021	1.021	0 %100
188	M256	Z	.589	.589	0 %100
189	M257	X	1.021	1.021	0 %100
190	M257	Z	.589	.589	0 %100
191	M258	X	.923	.923	0 %100
192	M258	Z	.533	.533	0 %100
193	M261	X	.164	.164	0 %100
194	M261	Z	.095	.095	0 %100
195	M264	X	.164	.164	0 %100
196	M264	Z	.095	.095	0 %100
197	M267	X	.658	.658	0 %100
198	M267	Z	.38	.38	0 %100
199	M274	X	.198	.198	0 %100
200	M274	Z	.114	.114	0 %100
201	M275	X	.792	.792	0 %100
202	M275	Z	.457	.457	0 %100
203	M276	X	.198	.198	0 %100
204	M276	Z	.114	.114	0 %100
205	MP1A	X	.543	.543	0 %100
206	MP1A	Z	.314	.314	0 %100
207	MP4A	X	.543	.543	0 %100
208	MP4A	Z	.314	.314	0 %100
209	MP3C	X	.543	.543	0 %100
210	MP3C	Z	.314	.314	0 %100
211	MP1C	X	.543	.543	0 %100

Member Distributed Loads (BLC 69 : Structure Wm (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
212	MP1C	Z	.314	.314	0	%100
213	MP4C	X	.543	.543	0	%100
214	MP4C	Z	.314	.314	0	%100
215	MP3B	X	.543	.543	0	%100
216	MP3B	Z	.314	.314	0	%100
217	MP1B	X	.543	.543	0	%100
218	MP1B	Z	.314	.314	0	%100
219	MP4B	X	.543	.543	0	%100
220	MP4B	Z	.314	.314	0	%100

Member Distributed Loads (BLC 70 : Structure Wm (150 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M1	X	.081	.081	0	%100
2	M1	Z	.14	.14	0	%100
3	M7	X	.264	.264	0	%100
4	M7	Z	.457	.457	0	%100
5	M8	X	1.189	1.189	0	%100
6	M8	Z	2.059	2.059	0	%100
7	M13	X	.226	.226	0	%100
8	M13	Z	.392	.392	0	%100
9	M14	X	.013	.013	0	%100
10	M14	Z	.022	.022	0	%100
11	M18	X	.013	.013	0	%100
12	M18	Z	.022	.022	0	%100
13	M25	X	.105	.105	0	%100
14	M25	Z	.181	.181	0	%100
15	M26	X	.105	.105	0	%100
16	M26	Z	.181	.181	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	0	0	0	%100
19	M42A	X	.264	.264	0	%100
20	M42A	Z	.457	.457	0	%100
21	M44A	X	0	0	0	%100
22	M44A	Z	0	0	0	%100
23	M44	X	.013	.013	0	%100
24	M44	Z	.022	.022	0	%100
25	M46A	X	.013	.013	0	%100
26	M46A	Z	.022	.022	0	%100
27	M46B	X	.229	.229	0	%100
28	M46B	Z	.396	.396	0	%100
29	M34A	X	.226	.226	0	%100
30	M34A	Z	.392	.392	0	%100
31	M35	X	0	0	0	%100
32	M35	Z	0	0	0	%100
33	M36	X	.229	.229	0	%100
34	M36	Z	.396	.396	0	%100
35	M38	X	.355	.355	0	%100
36	M38	Z	.615	.615	0	%100
37	M42	X	.324	.324	0	%100
38	M42	Z	.561	.561	0	%100
39	M47	X	0	0	0	%100
40	M47	Z	0	0	0	%100
41	M48	X	0	0	0	%100
42	M48	Z	0	0	0	%100
43	M50	X	.226	.226	0	%100
44	M50	Z	.392	.392	0	%100



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Member Distributed Loads (BLC 70 : Structure Wm (150 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
45	M51	X	.052	.052	0 %100
46	M51	Z	.089	.089	0 %100
47	M53	X	.052	.052	0 %100
48	M53	Z	.089	.089	0 %100
49	M56	X	.418	.418	0 %100
50	M56	Z	.724	.724	0 %100
51	M57	X	.418	.418	0 %100
52	M57	Z	.724	.724	0 %100
53	M59	X	.355	.355	0 %100
54	M59	Z	.615	.615	0 %100
55	M61	X	0	0	0 %100
56	M61	Z	0	0	0 %100
57	M62	X	.226	.226	0 %100
58	M62	Z	.392	.392	0 %100
59	M64	X	.052	.052	0 %100
60	M64	Z	.089	.089	0 %100
61	M66	X	.052	.052	0 %100
62	M66	Z	.089	.089	0 %100
63	M67	X	0	0	0 %100
64	M67	Z	0	0	0 %100
65	M68	X	.226	.226	0 %100
66	M68	Z	.392	.392	0 %100
67	M69	X	.226	.226	0 %100
68	M69	Z	.392	.392	0 %100
69	M70	X	0	0	0 %100
70	M70	Z	0	0	0 %100
71	M79	X	.355	.355	0 %100
72	M79	Z	.615	.615	0 %100
73	M83	X	.081	.081	0 %100
74	M83	Z	.14	.14	0 %100
75	M88	X	.264	.264	0 %100
76	M88	Z	.457	.457	0 %100
77	M89	X	1.189	1.189	0 %100
78	M89	Z	2.059	2.059	0 %100
79	M91	X	0	0	0 %100
80	M91	Z	0	0	0 %100
81	M92	X	.013	.013	0 %100
82	M92	Z	.022	.022	0 %100
83	M94	X	.013	.013	0 %100
84	M94	Z	.022	.022	0 %100
85	M97	X	.105	.105	0 %100
86	M97	Z	.181	.181	0 %100
87	M98	X	.105	.105	0 %100
88	M98	Z	.181	.181	0 %100
89	M100	X	.355	.355	0 %100
90	M100	Z	.615	.615	0 %100
91	M102	X	.264	.264	0 %100
92	M102	Z	.457	.457	0 %100
93	M103	X	.226	.226	0 %100
94	M103	Z	.392	.392	0 %100
95	M105	X	.013	.013	0 %100
96	M105	Z	.022	.022	0 %100
97	M107	X	.013	.013	0 %100
98	M107	Z	.022	.022	0 %100
99	M108	X	.229	.229	0 %100
100	M108	Z	.396	.396	0 %100
101	M109	X	0	0	0 %100

Member Distributed Loads (BLC 70 : Structure Wm (150 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
102	M109	Z	0	0	0	%100
103	M110	X	.226	.226	0	%100
104	M110	Z	.392	.392	0	%100
105	M111	X	.229	.229	0	%100
106	M111	Z	.396	.396	0	%100
107	M118	X	.396	.396	0	%100
108	M118	Z	.686	.686	0	%100
109	M120	X	0	0	0	%100
110	M120	Z	0	0	0	%100
111	M121A	X	0	0	0	%100
112	M121A	Z	0	0	0	%100
113	M126	X	.396	.396	0	%100
114	M126	Z	.686	.686	0	%100
115	M131	X	.374	.374	0	%100
116	M131	Z	.648	.648	0	%100
117	M134	X	.374	.374	0	%100
118	M134	Z	.648	.648	0	%100
119	M148	X	.235	.235	0	%100
120	M148	Z	.407	.407	0	%100
121	M152B	X	.29	.29	0	%100
122	M152B	Z	.503	.503	0	%100
123	M155	X	.063	.063	0	%100
124	M155	Z	.11	.11	0	%100
125	M154	X	0	0	0	%100
126	M154	Z	0	0	0	%100
127	M157A	X	.235	.235	0	%100
128	M157A	Z	.407	.407	0	%100
129	M162	X	0	0	0	%100
130	M162	Z	0	0	0	%100
131	M163	X	0	0	0	%100
132	M163	Z	0	0	0	%100
133	M166	X	.218	.218	0	%100
134	M166	Z	.378	.378	0	%100
135	M167	X	0	0	0	%100
136	M167	Z	0	0	0	%100
137	M168	X	.218	.218	0	%100
138	M168	Z	.378	.378	0	%100
139	M169	X	.235	.235	0	%100
140	M169	Z	.407	.407	0	%100
141	M170	X	0	0	0	%100
142	M170	Z	0	0	0	%100
143	M171	X	.235	.235	0	%100
144	M171	Z	.407	.407	0	%100
145	M174	X	.25	.25	0	%100
146	M174	Z	.434	.434	0	%100
147	M177	X	.25	.25	0	%100
148	M177	Z	.434	.434	0	%100
149	M180	X	0	0	0	%100
150	M180	Z	0	0	0	%100
151	M183	X	0	0	0	%100
152	M183	Z	0	0	0	%100
153	M186	X	.25	.25	0	%100
154	M186	Z	.434	.434	0	%100
155	M189	X	.25	.25	0	%100
156	M189	Z	.434	.434	0	%100
157	M223	X	.108	.108	0	%100
158	M223	Z	.187	.187	0	%100



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Member Distributed Loads (BLC 70 : Structure Wm (150 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
159	M226A	X	.108	.108	0 %100
160	M226A	Z	.187	.187	0 %100
161	M228A	X	0	0	0 %100
162	M228A	Z	0	0	0 %100
163	M232A	X	.621	.621	0 %100
164	M232A	Z	1.076	1.076	0 %100
165	M235	X	.621	.621	0 %100
166	M235	Z	1.076	1.076	0 %100
167	M237	X	.29	.29	0 %100
168	M237	Z	.503	.503	0 %100
169	M240A	X	.473	.473	0 %100
170	M240A	Z	.819	.819	0 %100
171	M242A	X	.882	.882	0 %100
172	M242A	Z	1.528	1.528	0 %100
173	M244	X	.882	.882	0 %100
174	M244	Z	1.528	1.528	0 %100
175	M246	X	.473	.473	0 %100
176	M246	Z	.819	.819	0 %100
177	M248	X	.063	.063	0 %100
178	M248	Z	.11	.11	0 %100
179	MP2A	X	.38	.38	0 %100
180	MP2A	Z	.658	.658	0 %100
181	MP3A	X	.314	.314	0 %100
182	MP3A	Z	.543	.543	0 %100
183	MP2C	X	.38	.38	0 %100
184	MP2C	Z	.658	.658	0 %100
185	MP2B	X	.38	.38	0 %100
186	MP2B	Z	.658	.658	0 %100
187	M256	X	.552	.552	0 %100
188	M256	Z	.956	.956	0 %100
189	M257	X	.608	.608	0 %100
190	M257	Z	1.054	1.054	0 %100
191	M258	X	.552	.552	0 %100
192	M258	Z	.956	.956	0 %100
193	M261	X	.285	.285	0 %100
194	M261	Z	.493	.493	0 %100
195	M264	X	0	0	0 %100
196	M264	Z	0	0	0 %100
197	M267	X	.285	.285	0 %100
198	M267	Z	.493	.493	0 %100
199	M274	X	0	0	0 %100
200	M274	Z	0	0	0 %100
201	M275	X	.343	.343	0 %100
202	M275	Z	.594	.594	0 %100
203	M276	X	.343	.343	0 %100
204	M276	Z	.594	.594	0 %100
205	MP1A	X	.314	.314	0 %100
206	MP1A	Z	.543	.543	0 %100
207	MP4A	X	.314	.314	0 %100
208	MP4A	Z	.543	.543	0 %100
209	MP3C	X	.314	.314	0 %100
210	MP3C	Z	.543	.543	0 %100
211	MP1C	X	.314	.314	0 %100
212	MP1C	Z	.543	.543	0 %100
213	MP4C	X	.314	.314	0 %100
214	MP4C	Z	.543	.543	0 %100
215	MP3B	X	.314	.314	0 %100

Member Distributed Loads (BLC 70 : Structure Wm (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[in.%]	End Location[in.%]
216	MP3B	Z	.543	.543	0	%100
217	MP1B	X	.314	.314	0	%100
218	MP1B	Z	.543	.543	0	%100
219	MP4B	X	.314	.314	0	%100
220	MP4B	Z	.543	.543	0	%100

Member Distributed Loads (BLC 71 : Structure Wm (180 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[in.%]	End Location[in.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M7	X	0	0	0	%100
4	M7	Z	.704	.704	0	%100
5	M8	X	0	0	0	%100
6	M8	Z	3.17	3.17	0	%100
7	M13	X	0	0	0	%100
8	M13	Z	.151	.151	0	%100
9	M14	X	0	0	0	%100
10	M14	Z	0	0	0	%100
11	M18	X	0	0	0	%100
12	M18	Z	0	0	0	%100
13	M25	X	0	0	0	%100
14	M25	Z	0	0	0	%100
15	M26	X	0	0	0	%100
16	M26	Z	0	0	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	.237	.237	0	%100
19	M42A	X	0	0	0	%100
20	M42A	Z	.704	.704	0	%100
21	M44A	X	0	0	0	%100
22	M44A	Z	.151	.151	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	0	0	0	%100
25	M46A	X	0	0	0	%100
26	M46A	Z	0	0	0	%100
27	M46B	X	0	0	0	%100
28	M46B	Z	.609	.609	0	%100
29	M34A	X	0	0	0	%100
30	M34A	Z	.151	.151	0	%100
31	M35	X	0	0	0	%100
32	M35	Z	.151	.151	0	%100
33	M36	X	0	0	0	%100
34	M36	Z	.609	.609	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	.237	.237	0	%100
37	M42	X	0	0	0	%100
38	M42	Z	.486	.486	0	%100
39	M47	X	0	0	0	%100
40	M47	Z	.176	.176	0	%100
41	M48	X	0	0	0	%100
42	M48	Z	.792	.792	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	.604	.604	0	%100
45	M51	X	0	0	0	%100
46	M51	Z	.077	.077	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	.077	.077	0	%100



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Member Distributed Loads (BLC 71 : Structure Wm (180 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
49	M56	X	0	0	0	%100
50	M56	Z	.627	.627	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	.627	.627	0	%100
53	M59	X	0	0	0	%100
54	M59	Z	.237	.237	0	%100
55	M61	X	0	0	0	%100
56	M61	Z	.176	.176	0	%100
57	M62	X	0	0	0	%100
58	M62	Z	.151	.151	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	.077	.077	0	%100
61	M66	X	0	0	0	%100
62	M66	Z	.077	.077	0	%100
63	M67	X	0	0	0	%100
64	M67	Z	.152	.152	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	.604	.604	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	.151	.151	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	.152	.152	0	%100
71	M79	X	0	0	0	%100
72	M79	Z	.946	.946	0	%100
73	M83	X	0	0	0	%100
74	M83	Z	.486	.486	0	%100
75	M88	X	0	0	0	%100
76	M88	Z	.176	.176	0	%100
77	M89	X	0	0	0	%100
78	M89	Z	.792	.792	0	%100
79	M91	X	0	0	0	%100
80	M91	Z	.151	.151	0	%100
81	M92	X	0	0	0	%100
82	M92	Z	.077	.077	0	%100
83	M94	X	0	0	0	%100
84	M94	Z	.077	.077	0	%100
85	M97	X	0	0	0	%100
86	M97	Z	.627	.627	0	%100
87	M98	X	0	0	0	%100
88	M98	Z	.627	.627	0	%100
89	M100	X	0	0	0	%100
90	M100	Z	.946	.946	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	.176	.176	0	%100
93	M103	X	0	0	0	%100
94	M103	Z	.604	.604	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	.077	.077	0	%100
97	M107	X	0	0	0	%100
98	M107	Z	.077	.077	0	%100
99	M108	X	0	0	0	%100
100	M108	Z	.152	.152	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	.151	.151	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	.604	.604	0	%100
105	M111	X	0	0	0	%100

Member Distributed Loads (BLC 71 : Structure Wm (180 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
106	M111	Z	.152	.152	0 %100
107	M118	X	0	0	0 %100
108	M118	Z	1.057	1.057	0 %100
109	M120	X	0	0	0 %100
110	M120	Z	.237	.237	0 %100
111	M121A	X	0	0	0 %100
112	M121A	Z	.264	.264	0 %100
113	M126	X	0	0	0 %100
114	M126	Z	.264	.264	0 %100
115	M131	X	0	0	0 %100
116	M131	Z	.132	.132	0 %100
117	M134	X	0	0	0 %100
118	M134	Z	.132	.132	0 %100
119	M148	X	0	0	0 %100
120	M148	Z	.627	.627	0 %100
121	M152B	X	0	0	0 %100
122	M152B	Z	.774	.774	0 %100
123	M155	X	0	0	0 %100
124	M155	Z	.127	.127	0 %100
125	M154	X	0	0	0 %100
126	M154	Z	.157	.157	0 %100
127	M157A	X	0	0	0 %100
128	M157A	Z	.157	.157	0 %100
129	M162	X	0	0	0 %100
130	M162	Z	.467	.467	0 %100
131	M163	X	0	0	0 %100
132	M163	Z	.467	.467	0 %100
133	M166	X	0	0	0 %100
134	M166	Z	.581	.581	0 %100
135	M167	X	0	0	0 %100
136	M167	Z	.145	.145	0 %100
137	M168	X	0	0	0 %100
138	M168	Z	.145	.145	0 %100
139	M169	X	0	0	0 %100
140	M169	Z	.627	.627	0 %100
141	M170	X	0	0	0 %100
142	M170	Z	.157	.157	0 %100
143	M171	X	0	0	0 %100
144	M171	Z	.157	.157	0 %100
145	M174	X	0	0	0 %100
146	M174	Z	.668	.668	0 %100
147	M177	X	0	0	0 %100
148	M177	Z	.668	.668	0 %100
149	M180	X	0	0	0 %100
150	M180	Z	.167	.167	0 %100
151	M183	X	0	0	0 %100
152	M183	Z	.167	.167	0 %100
153	M186	X	0	0	0 %100
154	M186	Z	.167	.167	0 %100
155	M189	X	0	0	0 %100
156	M189	Z	.167	.167	0 %100
157	M223	X	0	0	0 %100
158	M223	Z	.559	.559	0 %100
159	M226A	X	0	0	0 %100
160	M226A	Z	.559	.559	0 %100
161	M228A	X	0	0	0 %100
162	M228A	Z	.194	.194	0 %100

Member Distributed Loads (BLC 71 : Structure Wm (180 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
163	M232A	X	0	0	0	%100
164	M232A	Z	.559	.559	0	%100
165	M235	X	0	0	0	%100
166	M235	Z	.559	.559	0	%100
167	M237	X	0	0	0	%100
168	M237	Z	.194	.194	0	%100
169	M240A	X	0	0	0	%100
170	M240A	Z	.127	.127	0	%100
171	M242A	X	0	0	0	%100
172	M242A	Z	.945	.945	0	%100
173	M244	X	0	0	0	%100
174	M244	Z	1.764	1.764	0	%100
175	M246	X	0	0	0	%100
176	M246	Z	1.764	1.764	0	%100
177	M248	X	0	0	0	%100
178	M248	Z	.945	.945	0	%100
179	MP2A	X	0	0	0	%100
180	MP2A	Z	.759	.759	0	%100
181	MP3A	X	0	0	0	%100
182	MP3A	Z	.627	.627	0	%100
183	MP2C	X	0	0	0	%100
184	MP2C	Z	.759	.759	0	%100
185	MP2B	X	0	0	0	%100
186	MP2B	Z	.759	.759	0	%100
187	M256	X	0	0	0	%100
188	M256	Z	1.066	1.066	0	%100
189	M257	X	0	0	0	%100
190	M257	Z	1.179	1.179	0	%100
191	M258	X	0	0	0	%100
192	M258	Z	1.179	1.179	0	%100
193	M261	X	0	0	0	%100
194	M261	Z	.759	.759	0	%100
195	M264	X	0	0	0	%100
196	M264	Z	.19	.19	0	%100
197	M267	X	0	0	0	%100
198	M267	Z	.19	.19	0	%100
199	M274	X	0	0	0	%100
200	M274	Z	.229	.229	0	%100
201	M275	X	0	0	0	%100
202	M275	Z	.229	.229	0	%100
203	M276	X	0	0	0	%100
204	M276	Z	.915	.915	0	%100
205	MP1A	X	0	0	0	%100
206	MP1A	Z	.627	.627	0	%100
207	MP4A	X	0	0	0	%100
208	MP4A	Z	.627	.627	0	%100
209	MP3C	X	0	0	0	%100
210	MP3C	Z	.627	.627	0	%100
211	MP1C	X	0	0	0	%100
212	MP1C	Z	.627	.627	0	%100
213	MP4C	X	0	0	0	%100
214	MP4C	Z	.627	.627	0	%100
215	MP3B	X	0	0	0	%100
216	MP3B	Z	.627	.627	0	%100
217	MP1B	X	0	0	0	%100
218	MP1B	Z	.627	.627	0	%100
219	MP4B	X	0	0	0	%100



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Member Distributed Loads (BLC 71 : Structure Wm (180 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[in.-%]	End Location[in.-%]
220 MP4B	Z	.627	.627	0	%100

Member Distributed Loads (BLC 72 : Structure Wm (210 Deg))

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[in.-%]	End Location[in.-%]
1 M1	X	-.081	-.081	0	%100
2 M1	Z	.14	.14	0	%100
3 M7	X	-.264	-.264	0	%100
4 M7	Z	.457	.457	0	%100
5 M8	X	-1.189	-1.189	0	%100
6 M8	Z	2.059	2.059	0	%100
7 M13	X	0	0	0	%100
8 M13	Z	0	0	0	%100
9 M14	X	-.013	-.013	0	%100
10 M14	Z	.022	.022	0	%100
11 M18	X	-.013	-.013	0	%100
12 M18	Z	.022	.022	0	%100
13 M25	X	-.105	-.105	0	%100
14 M25	Z	.181	.181	0	%100
15 M26	X	-.105	-.105	0	%100
16 M26	Z	.181	.181	0	%100
17 M31	X	-.355	-.355	0	%100
18 M31	Z	.615	.615	0	%100
19 M42A	X	-.264	-.264	0	%100
20 M42A	Z	.457	.457	0	%100
21 M44A	X	-.226	-.226	0	%100
22 M44A	Z	.392	.392	0	%100
23 M44	X	-.013	-.013	0	%100
24 M44	Z	.022	.022	0	%100
25 M46A	X	-.013	-.013	0	%100
26 M46A	Z	.022	.022	0	%100
27 M46B	X	-.229	-.229	0	%100
28 M46B	Z	.396	.396	0	%100
29 M34A	X	0	0	0	%100
30 M34A	Z	0	0	0	%100
31 M35	X	-.226	-.226	0	%100
32 M35	Z	.392	.392	0	%100
33 M36	X	-.229	-.229	0	%100
34 M36	Z	.396	.396	0	%100
35 M38	X	0	0	0	%100
36 M38	Z	0	0	0	%100
37 M42	X	-.081	-.081	0	%100
38 M42	Z	.14	.14	0	%100
39 M47	X	-.264	-.264	0	%100
40 M47	Z	.457	.457	0	%100
41 M48	X	-1.189	-1.189	0	%100
42 M48	Z	2.059	2.059	0	%100
43 M50	X	-.226	-.226	0	%100
44 M50	Z	.392	.392	0	%100
45 M51	X	-.013	-.013	0	%100
46 M51	Z	.022	.022	0	%100
47 M53	X	-.013	-.013	0	%100
48 M53	Z	.022	.022	0	%100
49 M56	X	-.105	-.105	0	%100
50 M56	Z	.181	.181	0	%100
51 M57	X	-.105	-.105	0	%100
52 M57	Z	.181	.181	0	%100

Member Distributed Loads (BLC 72 : Structure Wm (210 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]	
53	M59	X	0	0	0	%100
54	M59	Z	0	0	0	%100
55	M61	X	-.264	-.264	0	%100
56	M61	Z	.457	.457	0	%100
57	M62	X	0	0	0	%100
58	M62	Z	0	0	0	%100
59	M64	X	-.013	-.013	0	%100
60	M64	Z	.022	.022	0	%100
61	M66	X	-.013	-.013	0	%100
62	M66	Z	.022	.022	0	%100
63	M67	X	-.229	-.229	0	%100
64	M67	Z	.396	.396	0	%100
65	M68	X	-.226	-.226	0	%100
66	M68	Z	.392	.392	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-.229	-.229	0	%100
70	M70	Z	.396	.396	0	%100
71	M79	X	-.355	-.355	0	%100
72	M79	Z	.615	.615	0	%100
73	M83	X	-.324	-.324	0	%100
74	M83	Z	.561	.561	0	%100
75	M88	X	0	0	0	%100
76	M88	Z	0	0	0	%100
77	M89	X	0	0	0	%100
78	M89	Z	0	0	0	%100
79	M91	X	-.226	-.226	0	%100
80	M91	Z	.392	.392	0	%100
81	M92	X	-.052	-.052	0	%100
82	M92	Z	.089	.089	0	%100
83	M94	X	-.052	-.052	0	%100
84	M94	Z	.089	.089	0	%100
85	M97	X	-.418	-.418	0	%100
86	M97	Z	.724	.724	0	%100
87	M98	X	-.418	-.418	0	%100
88	M98	Z	.724	.724	0	%100
89	M100	X	-.355	-.355	0	%100
90	M100	Z	.615	.615	0	%100
91	M102	X	0	0	0	%100
92	M102	Z	0	0	0	%100
93	M103	X	-.226	-.226	0	%100
94	M103	Z	.392	.392	0	%100
95	M105	X	-.052	-.052	0	%100
96	M105	Z	.089	.089	0	%100
97	M107	X	-.052	-.052	0	%100
98	M107	Z	.089	.089	0	%100
99	M108	X	0	0	0	%100
100	M108	Z	0	0	0	%100
101	M109	X	-.226	-.226	0	%100
102	M109	Z	.392	.392	0	%100
103	M110	X	-.226	-.226	0	%100
104	M110	Z	.392	.392	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	0	0	0	%100
107	M118	X	-.396	-.396	0	%100
108	M118	Z	.686	.686	0	%100
109	M120	X	-.355	-.355	0	%100



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Member Distributed Loads (BLC 72 : Structure Wm (210 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
110	M120	Z	.615	.615	0 %100
111	M121A	X	-.396	-.396	0 %100
112	M121A	Z	.686	.686	0 %100
113	M126	X	0	0	0 %100
114	M126	Z	0	0	0 %100
115	M131	X	-.374	-.374	0 %100
116	M131	Z	.648	.648	0 %100
117	M134	X	-.374	-.374	0 %100
118	M134	Z	.648	.648	0 %100
119	M148	X	-.235	-.235	0 %100
120	M148	Z	.407	.407	0 %100
121	M152B	X	-.29	-.29	0 %100
122	M152B	Z	.503	.503	0 %100
123	M155	X	-.473	-.473	0 %100
124	M155	Z	.819	.819	0 %100
125	M154	X	-.235	-.235	0 %100
126	M154	Z	.407	.407	0 %100
127	M157A	X	0	0	0 %100
128	M157A	Z	0	0	0 %100
129	M162	X	-.701	-.701	0 %100
130	M162	Z	1.214	1.214	0 %100
131	M163	X	-.701	-.701	0 %100
132	M163	Z	1.214	1.214	0 %100
133	M166	X	-.218	-.218	0 %100
134	M166	Z	.378	.378	0 %100
135	M167	X	-.218	-.218	0 %100
136	M167	Z	.378	.378	0 %100
137	M168	X	0	0	0 %100
138	M168	Z	0	0	0 %100
139	M169	X	-.235	-.235	0 %100
140	M169	Z	.407	.407	0 %100
141	M170	X	-.235	-.235	0 %100
142	M170	Z	.407	.407	0 %100
143	M171	X	0	0	0 %100
144	M171	Z	0	0	0 %100
145	M174	X	-.25	-.25	0 %100
146	M174	Z	.434	.434	0 %100
147	M177	X	-.25	-.25	0 %100
148	M177	Z	.434	.434	0 %100
149	M180	X	-.25	-.25	0 %100
150	M180	Z	.434	.434	0 %100
151	M183	X	-.25	-.25	0 %100
152	M183	Z	.434	.434	0 %100
153	M186	X	0	0	0 %100
154	M186	Z	0	0	0 %100
155	M189	X	0	0	0 %100
156	M189	Z	0	0	0 %100
157	M223	X	-.621	-.621	0 %100
158	M223	Z	1.076	1.076	0 %100
159	M226A	X	-.621	-.621	0 %100
160	M226A	Z	1.076	1.076	0 %100
161	M228A	X	-.29	-.29	0 %100
162	M228A	Z	.503	.503	0 %100
163	M232A	X	-.108	-.108	0 %100
164	M232A	Z	.187	.187	0 %100
165	M235	X	-.108	-.108	0 %100
166	M235	Z	.187	.187	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

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Member Distributed Loads (BLC 72 : Structure Wm (210 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
167	M237	X	0	0	0	%100
168	M237	Z	0	0	0	%100
169	M240A	X	-.063	-.063	0	%100
170	M240A	Z	.11	.11	0	%100
171	M242A	X	-.063	-.063	0	%100
172	M242A	Z	.11	.11	0	%100
173	M244	X	-.473	-.473	0	%100
174	M244	Z	.819	.819	0	%100
175	M246	X	-.882	-.882	0	%100
176	M246	Z	1.528	1.528	0	%100
177	M248	X	-.882	-.882	0	%100
178	M248	Z	1.528	1.528	0	%100
179	MP2A	X	-.38	-.38	0	%100
180	MP2A	Z	.658	.658	0	%100
181	MP3A	X	-.314	-.314	0	%100
182	MP3A	Z	.543	.543	0	%100
183	MP2C	X	-.38	-.38	0	%100
184	MP2C	Z	.658	.658	0	%100
185	MP2B	X	-.38	-.38	0	%100
186	MP2B	Z	.658	.658	0	%100
187	M256	X	-.552	-.552	0	%100
188	M256	Z	.956	.956	0	%100
189	M257	X	-.552	-.552	0	%100
190	M257	Z	.956	.956	0	%100
191	M258	X	-.608	-.608	0	%100
192	M258	Z	1.054	1.054	0	%100
193	M261	X	-.285	-.285	0	%100
194	M261	Z	.493	.493	0	%100
195	M264	X	-.285	-.285	0	%100
196	M264	Z	.493	.493	0	%100
197	M267	X	0	0	0	%100
198	M267	Z	0	0	0	%100
199	M274	X	-.343	-.343	0	%100
200	M274	Z	.594	.594	0	%100
201	M275	X	0	0	0	%100
202	M275	Z	0	0	0	%100
203	M276	X	-.343	-.343	0	%100
204	M276	Z	.594	.594	0	%100
205	MP1A	X	-.314	-.314	0	%100
206	MP1A	Z	.543	.543	0	%100
207	MP4A	X	-.314	-.314	0	%100
208	MP4A	Z	.543	.543	0	%100
209	MP3C	X	-.314	-.314	0	%100
210	MP3C	Z	.543	.543	0	%100
211	MP1C	X	-.314	-.314	0	%100
212	MP1C	Z	.543	.543	0	%100
213	MP4C	X	-.314	-.314	0	%100
214	MP4C	Z	.543	.543	0	%100
215	MP3B	X	-.314	-.314	0	%100
216	MP3B	Z	.543	.543	0	%100
217	MP1B	X	-.314	-.314	0	%100
218	MP1B	Z	.543	.543	0	%100
219	MP4B	X	-.314	-.314	0	%100
220	MP4B	Z	.543	.543	0	%100

Member Distributed Loads (BLC 73 : Structure Wm (240 Deg))

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
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Company :
 Designer :
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 Model Name :

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Member Distributed Loads (BLC 73 : Structure Wm (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M1	X	-.421	-.421	0	%100
2	M1	Z	.243	.243	0	%100
3	M7	X	-.152	-.152	0	%100
4	M7	Z	.088	.088	0	%100
5	M8	X	-.686	-.686	0	%100
6	M8	Z	.396	.396	0	%100
7	M13	X	-.131	-.131	0	%100
8	M13	Z	.075	.075	0	%100
9	M14	X	-.067	-.067	0	%100
10	M14	Z	.039	.039	0	%100
11	M18	X	-.067	-.067	0	%100
12	M18	Z	.039	.039	0	%100
13	M25	X	-.543	-.543	0	%100
14	M25	Z	.314	.314	0	%100
15	M26	X	-.543	-.543	0	%100
16	M26	Z	.314	.314	0	%100
17	M31	X	-.82	-.82	0	%100
18	M31	Z	.473	.473	0	%100
19	M42A	X	-.152	-.152	0	%100
20	M42A	Z	.088	.088	0	%100
21	M44A	X	-.523	-.523	0	%100
22	M44A	Z	.302	.302	0	%100
23	M44	X	-.067	-.067	0	%100
24	M44	Z	.039	.039	0	%100
25	M46A	X	-.067	-.067	0	%100
26	M46A	Z	.039	.039	0	%100
27	M46B	X	-.132	-.132	0	%100
28	M46B	Z	.076	.076	0	%100
29	M34A	X	-.131	-.131	0	%100
30	M34A	Z	.075	.075	0	%100
31	M35	X	-.523	-.523	0	%100
32	M35	Z	.302	.302	0	%100
33	M36	X	-.132	-.132	0	%100
34	M36	Z	.076	.076	0	%100
35	M38	X	-.205	-.205	0	%100
36	M38	Z	.118	.118	0	%100
37	M42	X	0	0	0	%100
38	M42	Z	0	0	0	%100
39	M47	X	-.61	-.61	0	%100
40	M47	Z	.352	.352	0	%100
41	M48	X	-2.745	-2.745	0	%100
42	M48	Z	1.585	1.585	0	%100
43	M50	X	-.131	-.131	0	%100
44	M50	Z	.075	.075	0	%100
45	M51	X	0	0	0	%100
46	M51	Z	0	0	0	%100
47	M53	X	0	0	0	%100
48	M53	Z	0	0	0	%100
49	M56	X	0	0	0	%100
50	M56	Z	0	0	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M59	X	-.205	-.205	0	%100
54	M59	Z	.118	.118	0	%100
55	M61	X	-.61	-.61	0	%100
56	M61	Z	.352	.352	0	%100
57	M62	X	-.131	-.131	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

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Member Distributed Loads (BLC 73 : Structure Wm (240 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
58	M62	Z	.075	.075	0 %100
59	M64	X	0	0	0 %100
60	M64	Z	0	0	0 %100
61	M66	X	0	0	0 %100
62	M66	Z	0	0	0 %100
63	M67	X	-.528	-.528	0 %100
64	M67	Z	.305	.305	0 %100
65	M68	X	-.131	-.131	0 %100
66	M68	Z	.075	.075	0 %100
67	M69	X	-.131	-.131	0 %100
68	M69	Z	.075	.075	0 %100
69	M70	X	-.528	-.528	0 %100
70	M70	Z	.305	.305	0 %100
71	M79	X	-.205	-.205	0 %100
72	M79	Z	.118	.118	0 %100
73	M83	X	-.421	-.421	0 %100
74	M83	Z	.243	.243	0 %100
75	M88	X	-.152	-.152	0 %100
76	M88	Z	.088	.088	0 %100
77	M89	X	-.686	-.686	0 %100
78	M89	Z	.396	.396	0 %100
79	M91	X	-.523	-.523	0 %100
80	M91	Z	.302	.302	0 %100
81	M92	X	-.067	-.067	0 %100
82	M92	Z	.039	.039	0 %100
83	M94	X	-.067	-.067	0 %100
84	M94	Z	.039	.039	0 %100
85	M97	X	-.543	-.543	0 %100
86	M97	Z	.314	.314	0 %100
87	M98	X	-.543	-.543	0 %100
88	M98	Z	.314	.314	0 %100
89	M100	X	-.205	-.205	0 %100
90	M100	Z	.118	.118	0 %100
91	M102	X	-.152	-.152	0 %100
92	M102	Z	.088	.088	0 %100
93	M103	X	-.131	-.131	0 %100
94	M103	Z	.075	.075	0 %100
95	M105	X	-.067	-.067	0 %100
96	M105	Z	.039	.039	0 %100
97	M107	X	-.067	-.067	0 %100
98	M107	Z	.039	.039	0 %100
99	M108	X	-.132	-.132	0 %100
100	M108	Z	.076	.076	0 %100
101	M109	X	-.523	-.523	0 %100
102	M109	Z	.302	.302	0 %100
103	M110	X	-.131	-.131	0 %100
104	M110	Z	.075	.075	0 %100
105	M111	X	-.132	-.132	0 %100
106	M111	Z	.076	.076	0 %100
107	M118	X	-.229	-.229	0 %100
108	M118	Z	.132	.132	0 %100
109	M120	X	-.82	-.82	0 %100
110	M120	Z	.473	.473	0 %100
111	M121A	X	-.915	-.915	0 %100
112	M121A	Z	.528	.528	0 %100
113	M126	X	-.229	-.229	0 %100
114	M126	Z	.132	.132	0 %100

Member Distributed Loads (BLC 73 : Structure Wm (240 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
115	M131	X	-1.716	-1.716	0 %100
116	M131	Z	.99	.99	0 %100
117	M134	X	-1.716	-1.716	0 %100
118	M134	Z	.99	.99	0 %100
119	M148	X	-.136	-.136	0 %100
120	M148	Z	.078	.078	0 %100
121	M152B	X	-.168	-.168	0 %100
122	M152B	Z	.097	.097	0 %100
123	M155	X	-1.528	-1.528	0 %100
124	M155	Z	.882	.882	0 %100
125	M154	X	-.543	-.543	0 %100
126	M154	Z	.314	.314	0 %100
127	M157A	X	-.136	-.136	0 %100
128	M157A	Z	.078	.078	0 %100
129	M162	X	-1.619	-1.619	0 %100
130	M162	Z	.935	.935	0 %100
131	M163	X	-1.619	-1.619	0 %100
132	M163	Z	.935	.935	0 %100
133	M166	X	-.126	-.126	0 %100
134	M166	Z	.073	.073	0 %100
135	M167	X	-.504	-.504	0 %100
136	M167	Z	.291	.291	0 %100
137	M168	X	-.126	-.126	0 %100
138	M168	Z	.073	.073	0 %100
139	M169	X	-.136	-.136	0 %100
140	M169	Z	.078	.078	0 %100
141	M170	X	-.543	-.543	0 %100
142	M170	Z	.314	.314	0 %100
143	M171	X	-.136	-.136	0 %100
144	M171	Z	.078	.078	0 %100
145	M174	X	-.145	-.145	0 %100
146	M174	Z	.083	.083	0 %100
147	M177	X	-.145	-.145	0 %100
148	M177	Z	.083	.083	0 %100
149	M180	X	-.578	-.578	0 %100
150	M180	Z	.334	.334	0 %100
151	M183	X	-.578	-.578	0 %100
152	M183	Z	.334	.334	0 %100
153	M186	X	-.145	-.145	0 %100
154	M186	Z	.083	.083	0 %100
155	M189	X	-.145	-.145	0 %100
156	M189	Z	.083	.083	0 %100
157	M223	X	-1.372	-1.372	0 %100
158	M223	Z	.792	.792	0 %100
159	M226A	X	-1.372	-1.372	0 %100
160	M226A	Z	.792	.792	0 %100
161	M228A	X	-.67	-.67	0 %100
162	M228A	Z	.387	.387	0 %100
163	M232A	X	-.484	-.484	0 %100
164	M232A	Z	.279	.279	0 %100
165	M235	X	-.484	-.484	0 %100
166	M235	Z	.279	.279	0 %100
167	M237	X	-.168	-.168	0 %100
168	M237	Z	.097	.097	0 %100
169	M240A	X	-.819	-.819	0 %100
170	M240A	Z	.473	.473	0 %100
171	M242A	X	-.11	-.11	0 %100

Member Distributed Loads (BLC 73 : Structure Wm (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
172	M242A	Z	.063	.063	0	%100
173	M244	X	-.11	-.11	0	%100
174	M244	Z	.063	.063	0	%100
175	M246	X	-.819	-.819	0	%100
176	M246	Z	.473	.473	0	%100
177	M248	X	-1.528	-1.528	0	%100
178	M248	Z	.882	.882	0	%100
179	MP2A	X	-.658	-.658	0	%100
180	MP2A	Z	.38	.38	0	%100
181	MP3A	X	-.543	-.543	0	%100
182	MP3A	Z	.314	.314	0	%100
183	MP2C	X	-.658	-.658	0	%100
184	MP2C	Z	.38	.38	0	%100
185	MP2B	X	-.658	-.658	0	%100
186	MP2B	Z	.38	.38	0	%100
187	M256	X	-1.021	-1.021	0	%100
188	M256	Z	.589	.589	0	%100
189	M257	X	-.923	-.923	0	%100
190	M257	Z	.533	.533	0	%100
191	M258	X	-1.021	-1.021	0	%100
192	M258	Z	.589	.589	0	%100
193	M261	X	-.164	-.164	0	%100
194	M261	Z	.095	.095	0	%100
195	M264	X	-.658	-.658	0	%100
196	M264	Z	.38	.38	0	%100
197	M267	X	-.164	-.164	0	%100
198	M267	Z	.095	.095	0	%100
199	M274	X	-.792	-.792	0	%100
200	M274	Z	.457	.457	0	%100
201	M275	X	-.198	-.198	0	%100
202	M275	Z	.114	.114	0	%100
203	M276	X	-.198	-.198	0	%100
204	M276	Z	.114	.114	0	%100
205	MP1A	X	-.543	-.543	0	%100
206	MP1A	Z	.314	.314	0	%100
207	MP4A	X	-.543	-.543	0	%100
208	MP4A	Z	.314	.314	0	%100
209	MP3C	X	-.543	-.543	0	%100
210	MP3C	Z	.314	.314	0	%100
211	MP1C	X	-.543	-.543	0	%100
212	MP1C	Z	.314	.314	0	%100
213	MP4C	X	-.543	-.543	0	%100
214	MP4C	Z	.314	.314	0	%100
215	MP3B	X	-.543	-.543	0	%100
216	MP3B	Z	.314	.314	0	%100
217	MP1B	X	-.543	-.543	0	%100
218	MP1B	Z	.314	.314	0	%100
219	MP4B	X	-.543	-.543	0	%100
220	MP4B	Z	.314	.314	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	-.648	-.648	0	%100
2	M1	Z	0	0	0	%100
3	M7	X	0	0	0	%100
4	M7	Z	0	0	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
5	M8	X	0	0	0	%100
6	M8	Z	0	0	0	%100
7	M13	X	-.453	-.453	0	%100
8	M13	Z	0	0	0	%100
9	M14	X	-.103	-.103	0	%100
10	M14	Z	0	0	0	%100
11	M18	X	-.103	-.103	0	%100
12	M18	Z	0	0	0	%100
13	M25	X	-.836	-.836	0	%100
14	M25	Z	0	0	0	%100
15	M26	X	-.836	-.836	0	%100
16	M26	Z	0	0	0	%100
17	M31	X	-.71	-.71	0	%100
18	M31	Z	0	0	0	%100
19	M42A	X	0	0	0	%100
20	M42A	Z	0	0	0	%100
21	M44A	X	-.453	-.453	0	%100
22	M44A	Z	0	0	0	%100
23	M44	X	-.103	-.103	0	%100
24	M44	Z	0	0	0	%100
25	M46A	X	-.103	-.103	0	%100
26	M46A	Z	0	0	0	%100
27	M46B	X	0	0	0	%100
28	M46B	Z	0	0	0	%100
29	M34A	X	-.453	-.453	0	%100
30	M34A	Z	0	0	0	%100
31	M35	X	-.453	-.453	0	%100
32	M35	Z	0	0	0	%100
33	M36	X	0	0	0	%100
34	M36	Z	0	0	0	%100
35	M38	X	-.71	-.71	0	%100
36	M38	Z	0	0	0	%100
37	M42	X	-.162	-.162	0	%100
38	M42	Z	0	0	0	%100
39	M47	X	-.528	-.528	0	%100
40	M47	Z	0	0	0	%100
41	M48	X	-2.377	-2.377	0	%100
42	M48	Z	0	0	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	0	0	0	%100
45	M51	X	-.026	-.026	0	%100
46	M51	Z	0	0	0	%100
47	M53	X	-.026	-.026	0	%100
48	M53	Z	0	0	0	%100
49	M56	X	-.209	-.209	0	%100
50	M56	Z	0	0	0	%100
51	M57	X	-.209	-.209	0	%100
52	M57	Z	0	0	0	%100
53	M59	X	-.71	-.71	0	%100
54	M59	Z	0	0	0	%100
55	M61	X	-.528	-.528	0	%100
56	M61	Z	0	0	0	%100
57	M62	X	-.453	-.453	0	%100
58	M62	Z	0	0	0	%100
59	M64	X	-.026	-.026	0	%100
60	M64	Z	0	0	0	%100
61	M66	X	-.026	-.026	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
62	M66	Z	0	0	0	%100
63	M67	X	-.457	-.457	0	%100
64	M67	Z	0	0	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M69	X	-.453	-.453	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-.457	-.457	0	%100
70	M70	Z	0	0	0	%100
71	M79	X	0	0	0	%100
72	M79	Z	0	0	0	%100
73	M83	X	-.162	-.162	0	%100
74	M83	Z	0	0	0	%100
75	M88	X	-.528	-.528	0	%100
76	M88	Z	0	0	0	%100
77	M89	X	-2.377	-2.377	0	%100
78	M89	Z	0	0	0	%100
79	M91	X	-.453	-.453	0	%100
80	M91	Z	0	0	0	%100
81	M92	X	-.026	-.026	0	%100
82	M92	Z	0	0	0	%100
83	M94	X	-.026	-.026	0	%100
84	M94	Z	0	0	0	%100
85	M97	X	-.209	-.209	0	%100
86	M97	Z	0	0	0	%100
87	M98	X	-.209	-.209	0	%100
88	M98	Z	0	0	0	%100
89	M100	X	0	0	0	%100
90	M100	Z	0	0	0	%100
91	M102	X	-.528	-.528	0	%100
92	M102	Z	0	0	0	%100
93	M103	X	0	0	0	%100
94	M103	Z	0	0	0	%100
95	M105	X	-.026	-.026	0	%100
96	M105	Z	0	0	0	%100
97	M107	X	-.026	-.026	0	%100
98	M107	Z	0	0	0	%100
99	M108	X	-.457	-.457	0	%100
100	M108	Z	0	0	0	%100
101	M109	X	-.453	-.453	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	-.457	-.457	0	%100
106	M111	Z	0	0	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	0	0	0	%100
109	M120	X	-.71	-.71	0	%100
110	M120	Z	0	0	0	%100
111	M121A	X	-.792	-.792	0	%100
112	M121A	Z	0	0	0	%100
113	M126	X	-.792	-.792	0	%100
114	M126	Z	0	0	0	%100
115	M131	X	-2.597	-2.597	0	%100
116	M131	Z	0	0	0	%100
117	M134	X	-2.597	-2.597	0	%100
118	M134	Z	0	0	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
119	M148	X	0	0	0	%100
120	M148	Z	0	0	0	%100
121	M152B	X	0	0	0	%100
122	M152B	Z	0	0	0	%100
123	M155	X	-1.764	-1.764	0	%100
124	M155	Z	0	0	0	%100
125	M154	X	-.47	-.47	0	%100
126	M154	Z	0	0	0	%100
127	M157A	X	-.47	-.47	0	%100
128	M157A	Z	0	0	0	%100
129	M162	X	-1.402	-1.402	0	%100
130	M162	Z	0	0	0	%100
131	M163	X	-1.402	-1.402	0	%100
132	M163	Z	0	0	0	%100
133	M166	X	0	0	0	%100
134	M166	Z	0	0	0	%100
135	M167	X	-.436	-.436	0	%100
136	M167	Z	0	0	0	%100
137	M168	X	-.436	-.436	0	%100
138	M168	Z	0	0	0	%100
139	M169	X	0	0	0	%100
140	M169	Z	0	0	0	%100
141	M170	X	-.47	-.47	0	%100
142	M170	Z	0	0	0	%100
143	M171	X	-.47	-.47	0	%100
144	M171	Z	0	0	0	%100
145	M174	X	0	0	0	%100
146	M174	Z	0	0	0	%100
147	M177	X	0	0	0	%100
148	M177	Z	0	0	0	%100
149	M180	X	-.501	-.501	0	%100
150	M180	Z	0	0	0	%100
151	M183	X	-.501	-.501	0	%100
152	M183	Z	0	0	0	%100
153	M186	X	-.501	-.501	0	%100
154	M186	Z	0	0	0	%100
155	M189	X	-.501	-.501	0	%100
156	M189	Z	0	0	0	%100
157	M223	X	-1.243	-1.243	0	%100
158	M223	Z	0	0	0	%100
159	M226A	X	-1.243	-1.243	0	%100
160	M226A	Z	0	0	0	%100
161	M228A	X	-.581	-.581	0	%100
162	M228A	Z	0	0	0	%100
163	M232A	X	-1.243	-1.243	0	%100
164	M232A	Z	0	0	0	%100
165	M235	X	-1.243	-1.243	0	%100
166	M235	Z	0	0	0	%100
167	M237	X	-.581	-.581	0	%100
168	M237	Z	0	0	0	%100
169	M240A	X	-1.764	-1.764	0	%100
170	M240A	Z	0	0	0	%100
171	M242A	X	-.945	-.945	0	%100
172	M242A	Z	0	0	0	%100
173	M244	X	-.127	-.127	0	%100
174	M244	Z	0	0	0	%100
175	M246	X	-.127	-.127	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
176	M246	Z	0	0	0	%100
177	M248	X	-.945	-.945	0	%100
178	M248	Z	0	0	0	%100
179	MP2A	X	-.759	-.759	0	%100
180	MP2A	Z	0	0	0	%100
181	MP3A	X	-.627	-.627	0	%100
182	MP3A	Z	0	0	0	%100
183	MP2C	X	-.759	-.759	0	%100
184	MP2C	Z	0	0	0	%100
185	MP2B	X	-.759	-.759	0	%100
186	MP2B	Z	0	0	0	%100
187	M256	X	-1.217	-1.217	0	%100
188	M256	Z	0	0	0	%100
189	M257	X	-1.104	-1.104	0	%100
190	M257	Z	0	0	0	%100
191	M258	X	-1.104	-1.104	0	%100
192	M258	Z	0	0	0	%100
193	M261	X	0	0	0	%100
194	M261	Z	0	0	0	%100
195	M264	X	-.57	-.57	0	%100
196	M264	Z	0	0	0	%100
197	M267	X	-.57	-.57	0	%100
198	M267	Z	0	0	0	%100
199	M274	X	-.686	-.686	0	%100
200	M274	Z	0	0	0	%100
201	M275	X	-.686	-.686	0	%100
202	M275	Z	0	0	0	%100
203	M276	X	0	0	0	%100
204	M276	Z	0	0	0	%100
205	MP1A	X	-.627	-.627	0	%100
206	MP1A	Z	0	0	0	%100
207	MP4A	X	-.627	-.627	0	%100
208	MP4A	Z	0	0	0	%100
209	MP3C	X	-.627	-.627	0	%100
210	MP3C	Z	0	0	0	%100
211	MP1C	X	-.627	-.627	0	%100
212	MP1C	Z	0	0	0	%100
213	MP4C	X	-.627	-.627	0	%100
214	MP4C	Z	0	0	0	%100
215	MP3B	X	-.627	-.627	0	%100
216	MP3B	Z	0	0	0	%100
217	MP1B	X	-.627	-.627	0	%100
218	MP1B	Z	0	0	0	%100
219	MP4B	X	-.627	-.627	0	%100
220	MP4B	Z	0	0	0	%100

Member Distributed Loads (BLC 75 : Structure Wm (300 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
1	M1	X	-.421	-.421	0	%100
2	M1	Z	-.243	-.243	0	%100
3	M7	X	-.152	-.152	0	%100
4	M7	Z	-.088	-.088	0	%100
5	M8	X	-.686	-.686	0	%100
6	M8	Z	-.396	-.396	0	%100
7	M13	X	-.523	-.523	0	%100
8	M13	Z	-.302	-.302	0	%100



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Member Distributed Loads (BLC 75 : Structure Wm (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
9	M14	X	-0.067	-0.067	0	%100
10	M14	Z	-0.039	-0.039	0	%100
11	M18	X	-0.067	-0.067	0	%100
12	M18	Z	-0.039	-0.039	0	%100
13	M25	X	-0.543	-0.543	0	%100
14	M25	Z	-0.314	-0.314	0	%100
15	M26	X	-0.543	-0.543	0	%100
16	M26	Z	-0.314	-0.314	0	%100
17	M31	X	-0.205	-0.205	0	%100
18	M31	Z	-0.118	-0.118	0	%100
19	M42A	X	-0.152	-0.152	0	%100
20	M42A	Z	-0.088	-0.088	0	%100
21	M44A	X	-0.131	-0.131	0	%100
22	M44A	Z	-0.075	-0.075	0	%100
23	M44	X	-0.067	-0.067	0	%100
24	M44	Z	-0.039	-0.039	0	%100
25	M46A	X	-0.067	-0.067	0	%100
26	M46A	Z	-0.039	-0.039	0	%100
27	M46B	X	-0.132	-0.132	0	%100
28	M46B	Z	-0.076	-0.076	0	%100
29	M34A	X	-0.523	-0.523	0	%100
30	M34A	Z	-0.302	-0.302	0	%100
31	M35	X	-0.131	-0.131	0	%100
32	M35	Z	-0.075	-0.075	0	%100
33	M36	X	-0.132	-0.132	0	%100
34	M36	Z	-0.076	-0.076	0	%100
35	M38	X	-0.82	-0.82	0	%100
36	M38	Z	-0.473	-0.473	0	%100
37	M42	X	-0.421	-0.421	0	%100
38	M42	Z	-0.243	-0.243	0	%100
39	M47	X	-0.152	-0.152	0	%100
40	M47	Z	-0.088	-0.088	0	%100
41	M48	X	-0.686	-0.686	0	%100
42	M48	Z	-0.396	-0.396	0	%100
43	M50	X	-0.131	-0.131	0	%100
44	M50	Z	-0.075	-0.075	0	%100
45	M51	X	-0.067	-0.067	0	%100
46	M51	Z	-0.039	-0.039	0	%100
47	M53	X	-0.067	-0.067	0	%100
48	M53	Z	-0.039	-0.039	0	%100
49	M56	X	-0.543	-0.543	0	%100
50	M56	Z	-0.314	-0.314	0	%100
51	M57	X	-0.543	-0.543	0	%100
52	M57	Z	-0.314	-0.314	0	%100
53	M59	X	-0.82	-0.82	0	%100
54	M59	Z	-0.473	-0.473	0	%100
55	M61	X	-0.152	-0.152	0	%100
56	M61	Z	-0.088	-0.088	0	%100
57	M62	X	-0.523	-0.523	0	%100
58	M62	Z	-0.302	-0.302	0	%100
59	M64	X	-0.067	-0.067	0	%100
60	M64	Z	-0.039	-0.039	0	%100
61	M66	X	-0.067	-0.067	0	%100
62	M66	Z	-0.039	-0.039	0	%100
63	M67	X	-0.132	-0.132	0	%100
64	M67	Z	-0.076	-0.076	0	%100
65	M68	X	-0.131	-0.131	0	%100



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Member Distributed Loads (BLC 75 : Structure Wm (300 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
66	M68	Z	-0.075	-0.075	0 %100
67	M69	X	-0.523	-0.523	0 %100
68	M69	Z	-0.302	-0.302	0 %100
69	M70	X	-0.132	-0.132	0 %100
70	M70	Z	-0.076	-0.076	0 %100
71	M79	X	-0.205	-0.205	0 %100
72	M79	Z	-0.118	-0.118	0 %100
73	M83	X	0	0	0 %100
74	M83	Z	0	0	0 %100
75	M88	X	-0.61	-0.61	0 %100
76	M88	Z	-0.352	-0.352	0 %100
77	M89	X	-2.745	-2.745	0 %100
78	M89	Z	-1.585	-1.585	0 %100
79	M91	X	-0.131	-0.131	0 %100
80	M91	Z	-0.075	-0.075	0 %100
81	M92	X	0	0	0 %100
82	M92	Z	0	0	0 %100
83	M94	X	0	0	0 %100
84	M94	Z	0	0	0 %100
85	M97	X	0	0	0 %100
86	M97	Z	0	0	0 %100
87	M98	X	0	0	0 %100
88	M98	Z	0	0	0 %100
89	M100	X	-0.205	-0.205	0 %100
90	M100	Z	-0.118	-0.118	0 %100
91	M102	X	-0.61	-0.61	0 %100
92	M102	Z	-0.352	-0.352	0 %100
93	M103	X	-0.131	-0.131	0 %100
94	M103	Z	-0.075	-0.075	0 %100
95	M105	X	0	0	0 %100
96	M105	Z	0	0	0 %100
97	M107	X	0	0	0 %100
98	M107	Z	0	0	0 %100
99	M108	X	-0.528	-0.528	0 %100
100	M108	Z	-0.305	-0.305	0 %100
101	M109	X	-0.131	-0.131	0 %100
102	M109	Z	-0.075	-0.075	0 %100
103	M110	X	-0.131	-0.131	0 %100
104	M110	Z	-0.075	-0.075	0 %100
105	M111	X	-0.528	-0.528	0 %100
106	M111	Z	-0.305	-0.305	0 %100
107	M118	X	-0.229	-0.229	0 %100
108	M118	Z	-0.132	-0.132	0 %100
109	M120	X	-0.205	-0.205	0 %100
110	M120	Z	-0.118	-0.118	0 %100
111	M121A	X	-0.229	-0.229	0 %100
112	M121A	Z	-0.132	-0.132	0 %100
113	M126	X	-0.915	-0.915	0 %100
114	M126	Z	-0.528	-0.528	0 %100
115	M131	X	-1.716	-1.716	0 %100
116	M131	Z	-0.99	-0.99	0 %100
117	M134	X	-1.716	-1.716	0 %100
118	M134	Z	-0.99	-0.99	0 %100
119	M148	X	-0.136	-0.136	0 %100
120	M148	Z	-0.078	-0.078	0 %100
121	M152B	X	-0.168	-0.168	0 %100
122	M152B	Z	-0.097	-0.097	0 %100

Member Distributed Loads (BLC 75 : Structure Wm (300 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
123	M155	X	-819	-819	0 %100
124	M155	Z	-473	-473	0 %100
125	M154	X	-136	-136	0 %100
126	M154	Z	-078	-078	0 %100
127	M157A	X	-543	-543	0 %100
128	M157A	Z	-314	-314	0 %100
129	M162	X	-405	-405	0 %100
130	M162	Z	-234	-234	0 %100
131	M163	X	-405	-405	0 %100
132	M163	Z	-234	-234	0 %100
133	M166	X	-126	-126	0 %100
134	M166	Z	-073	-073	0 %100
135	M167	X	-126	-126	0 %100
136	M167	Z	-073	-073	0 %100
137	M168	X	-504	-504	0 %100
138	M168	Z	-291	-291	0 %100
139	M169	X	-136	-136	0 %100
140	M169	Z	-078	-078	0 %100
141	M170	X	-136	-136	0 %100
142	M170	Z	-078	-078	0 %100
143	M171	X	-543	-543	0 %100
144	M171	Z	-314	-314	0 %100
145	M174	X	-145	-145	0 %100
146	M174	Z	-083	-083	0 %100
147	M177	X	-145	-145	0 %100
148	M177	Z	-083	-083	0 %100
149	M180	X	-145	-145	0 %100
150	M180	Z	-083	-083	0 %100
151	M183	X	-145	-145	0 %100
152	M183	Z	-083	-083	0 %100
153	M186	X	-578	-578	0 %100
154	M186	Z	-334	-334	0 %100
155	M189	X	-578	-578	0 %100
156	M189	Z	-334	-334	0 %100
157	M223	X	-484	-484	0 %100
158	M223	Z	-279	-279	0 %100
159	M226A	X	-484	-484	0 %100
160	M226A	Z	-279	-279	0 %100
161	M228A	X	-168	-168	0 %100
162	M228A	Z	-097	-097	0 %100
163	M232A	X	-1.372	-1.372	0 %100
164	M232A	Z	-792	-792	0 %100
165	M235	X	-1.372	-1.372	0 %100
166	M235	Z	-792	-792	0 %100
167	M237	X	-.67	-.67	0 %100
168	M237	Z	-.387	-.387	0 %100
169	M240A	X	-1.528	-1.528	0 %100
170	M240A	Z	-.882	-.882	0 %100
171	M242A	X	-1.528	-1.528	0 %100
172	M242A	Z	-.882	-.882	0 %100
173	M244	X	-819	-819	0 %100
174	M244	Z	-473	-473	0 %100
175	M246	X	-.11	-.11	0 %100
176	M246	Z	-.063	-.063	0 %100
177	M248	X	-.11	-.11	0 %100
178	M248	Z	-.063	-.063	0 %100
179	MP2A	X	-.658	-.658	0 %100

Member Distributed Loads (BLC 75 : Structure Wm (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
180	MP2A	Z	- .38	- .38	0	%100
181	MP3A	X	- .543	- .543	0	%100
182	MP3A	Z	- .314	- .314	0	%100
183	MP2C	X	- .658	- .658	0	%100
184	MP2C	Z	- .38	- .38	0	%100
185	MP2B	X	- .658	- .658	0	%100
186	MP2B	Z	- .38	- .38	0	%100
187	M256	X	- 1.021	- 1.021	0	%100
188	M256	Z	- .589	- .589	0	%100
189	M257	X	- 1.021	- 1.021	0	%100
190	M257	Z	- .589	- .589	0	%100
191	M258	X	- .923	- .923	0	%100
192	M258	Z	- .533	- .533	0	%100
193	M261	X	- .164	- .164	0	%100
194	M261	Z	- .095	- .095	0	%100
195	M264	X	- .164	- .164	0	%100
196	M264	Z	- .095	- .095	0	%100
197	M267	X	- .658	- .658	0	%100
198	M267	Z	- .38	- .38	0	%100
199	M274	X	- .198	- .198	0	%100
200	M274	Z	- .114	- .114	0	%100
201	M275	X	- .792	- .792	0	%100
202	M275	Z	- .457	- .457	0	%100
203	M276	X	- .198	- .198	0	%100
204	M276	Z	- .114	- .114	0	%100
205	MP1A	X	- .543	- .543	0	%100
206	MP1A	Z	- .314	- .314	0	%100
207	MP4A	X	- .543	- .543	0	%100
208	MP4A	Z	- .314	- .314	0	%100
209	MP3C	X	- .543	- .543	0	%100
210	MP3C	Z	- .314	- .314	0	%100
211	MP1C	X	- .543	- .543	0	%100
212	MP1C	Z	- .314	- .314	0	%100
213	MP4C	X	- .543	- .543	0	%100
214	MP4C	Z	- .314	- .314	0	%100
215	MP3B	X	- .543	- .543	0	%100
216	MP3B	Z	- .314	- .314	0	%100
217	MP1B	X	- .543	- .543	0	%100
218	MP1B	Z	- .314	- .314	0	%100
219	MP4B	X	- .543	- .543	0	%100
220	MP4B	Z	- .314	- .314	0	%100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg))

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M1	X	- .081	- .081	0	%100
2	M1	Z	- .14	- .14	0	%100
3	M7	X	- .264	- .264	0	%100
4	M7	Z	- .457	- .457	0	%100
5	M8	X	- 1.189	- 1.189	0	%100
6	M8	Z	- 2.059	- 2.059	0	%100
7	M13	X	- .226	- .226	0	%100
8	M13	Z	- .392	- .392	0	%100
9	M14	X	- .013	- .013	0	%100
10	M14	Z	- .022	- .022	0	%100
11	M18	X	- .013	- .013	0	%100
12	M18	Z	- .022	- .022	0	%100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
13	M25	X	-105	-105	0 %100
14	M25	Z	-181	-181	0 %100
15	M26	X	-105	-105	0 %100
16	M26	Z	-181	-181	0 %100
17	M31	X	0	0	0 %100
18	M31	Z	0	0	0 %100
19	M42A	X	-264	-264	0 %100
20	M42A	Z	-457	-457	0 %100
21	M44A	X	0	0	0 %100
22	M44A	Z	0	0	0 %100
23	M44	X	-013	-013	0 %100
24	M44	Z	-022	-022	0 %100
25	M46A	X	-013	-013	0 %100
26	M46A	Z	-022	-022	0 %100
27	M46B	X	-229	-229	0 %100
28	M46B	Z	-396	-396	0 %100
29	M34A	X	-226	-226	0 %100
30	M34A	Z	-392	-392	0 %100
31	M35	X	0	0	0 %100
32	M35	Z	0	0	0 %100
33	M36	X	-229	-229	0 %100
34	M36	Z	-396	-396	0 %100
35	M38	X	-355	-355	0 %100
36	M38	Z	-615	-615	0 %100
37	M42	X	-324	-324	0 %100
38	M42	Z	-561	-561	0 %100
39	M47	X	0	0	0 %100
40	M47	Z	0	0	0 %100
41	M48	X	0	0	0 %100
42	M48	Z	0	0	0 %100
43	M50	X	-226	-226	0 %100
44	M50	Z	-392	-392	0 %100
45	M51	X	-052	-052	0 %100
46	M51	Z	-089	-089	0 %100
47	M53	X	-052	-052	0 %100
48	M53	Z	-089	-089	0 %100
49	M56	X	-418	-418	0 %100
50	M56	Z	-724	-724	0 %100
51	M57	X	-418	-418	0 %100
52	M57	Z	-724	-724	0 %100
53	M59	X	-355	-355	0 %100
54	M59	Z	-615	-615	0 %100
55	M61	X	0	0	0 %100
56	M61	Z	0	0	0 %100
57	M62	X	-226	-226	0 %100
58	M62	Z	-392	-392	0 %100
59	M64	X	-052	-052	0 %100
60	M64	Z	-089	-089	0 %100
61	M66	X	-052	-052	0 %100
62	M66	Z	-089	-089	0 %100
63	M67	X	0	0	0 %100
64	M67	Z	0	0	0 %100
65	M68	X	-226	-226	0 %100
66	M68	Z	-392	-392	0 %100
67	M69	X	-226	-226	0 %100
68	M69	Z	-392	-392	0 %100
69	M70	X	0	0	0 %100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
70	M70	Z	0	0	0	%100
71	M79	X	-.355	-.355	0	%100
72	M79	Z	-.615	-.615	0	%100
73	M83	X	-.081	-.081	0	%100
74	M83	Z	-.14	-.14	0	%100
75	M88	X	-.264	-.264	0	%100
76	M88	Z	-.457	-.457	0	%100
77	M89	X	-1.189	-1.189	0	%100
78	M89	Z	-2.059	-2.059	0	%100
79	M91	X	0	0	0	%100
80	M91	Z	0	0	0	%100
81	M92	X	-.013	-.013	0	%100
82	M92	Z	-.022	-.022	0	%100
83	M94	X	-.013	-.013	0	%100
84	M94	Z	-.022	-.022	0	%100
85	M97	X	-.105	-.105	0	%100
86	M97	Z	-.181	-.181	0	%100
87	M98	X	-.105	-.105	0	%100
88	M98	Z	-.181	-.181	0	%100
89	M100	X	-.355	-.355	0	%100
90	M100	Z	-.615	-.615	0	%100
91	M102	X	-.264	-.264	0	%100
92	M102	Z	-.457	-.457	0	%100
93	M103	X	-.226	-.226	0	%100
94	M103	Z	-.392	-.392	0	%100
95	M105	X	-.013	-.013	0	%100
96	M105	Z	-.022	-.022	0	%100
97	M107	X	-.013	-.013	0	%100
98	M107	Z	-.022	-.022	0	%100
99	M108	X	-.229	-.229	0	%100
100	M108	Z	-.396	-.396	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	-.226	-.226	0	%100
104	M110	Z	-.392	-.392	0	%100
105	M111	X	-.229	-.229	0	%100
106	M111	Z	-.396	-.396	0	%100
107	M118	X	-.396	-.396	0	%100
108	M118	Z	-.686	-.686	0	%100
109	M120	X	0	0	0	%100
110	M120	Z	0	0	0	%100
111	M121A	X	0	0	0	%100
112	M121A	Z	0	0	0	%100
113	M126	X	-.396	-.396	0	%100
114	M126	Z	-.686	-.686	0	%100
115	M131	X	-.374	-.374	0	%100
116	M131	Z	-.648	-.648	0	%100
117	M134	X	-.374	-.374	0	%100
118	M134	Z	-.648	-.648	0	%100
119	M148	X	-.235	-.235	0	%100
120	M148	Z	-.407	-.407	0	%100
121	M152B	X	-.29	-.29	0	%100
122	M152B	Z	-.503	-.503	0	%100
123	M155	X	-.063	-.063	0	%100
124	M155	Z	-.11	-.11	0	%100
125	M154	X	0	0	0	%100
126	M154	Z	0	0	0	%100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
127	M157A	X	-235	-235	0 %100
128	M157A	Z	-407	-407	0 %100
129	M162	X	0	0	0 %100
130	M162	Z	0	0	0 %100
131	M163	X	0	0	0 %100
132	M163	Z	0	0	0 %100
133	M166	X	-218	-218	0 %100
134	M166	Z	-378	-378	0 %100
135	M167	X	0	0	0 %100
136	M167	Z	0	0	0 %100
137	M168	X	-218	-218	0 %100
138	M168	Z	-378	-378	0 %100
139	M169	X	-235	-235	0 %100
140	M169	Z	-407	-407	0 %100
141	M170	X	0	0	0 %100
142	M170	Z	0	0	0 %100
143	M171	X	-235	-235	0 %100
144	M171	Z	-407	-407	0 %100
145	M174	X	-25	-25	0 %100
146	M174	Z	-434	-434	0 %100
147	M177	X	-25	-25	0 %100
148	M177	Z	-434	-434	0 %100
149	M180	X	0	0	0 %100
150	M180	Z	0	0	0 %100
151	M183	X	0	0	0 %100
152	M183	Z	0	0	0 %100
153	M186	X	-25	-25	0 %100
154	M186	Z	-434	-434	0 %100
155	M189	X	-25	-25	0 %100
156	M189	Z	-434	-434	0 %100
157	M223	X	-108	-108	0 %100
158	M223	Z	-187	-187	0 %100
159	M226A	X	-108	-108	0 %100
160	M226A	Z	-187	-187	0 %100
161	M228A	X	0	0	0 %100
162	M228A	Z	0	0	0 %100
163	M232A	X	-621	-621	0 %100
164	M232A	Z	-1.076	-1.076	0 %100
165	M235	X	-621	-621	0 %100
166	M235	Z	-1.076	-1.076	0 %100
167	M237	X	-29	-29	0 %100
168	M237	Z	-503	-503	0 %100
169	M240A	X	-473	-473	0 %100
170	M240A	Z	-819	-819	0 %100
171	M242A	X	-882	-882	0 %100
172	M242A	Z	-1.528	-1.528	0 %100
173	M244	X	-882	-882	0 %100
174	M244	Z	-1.528	-1.528	0 %100
175	M246	X	-473	-473	0 %100
176	M246	Z	-819	-819	0 %100
177	M248	X	-063	-063	0 %100
178	M248	Z	-11	-11	0 %100
179	MP2A	X	-38	-38	0 %100
180	MP2A	Z	-658	-658	0 %100
181	MP3A	X	-314	-314	0 %100
182	MP3A	Z	-543	-543	0 %100
183	MP2C	X	-38	-38	0 %100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
184	MP2C	Z	- .658	- .658	0 %100
185	MP2B	X	- .38	- .38	0 %100
186	MP2B	Z	- .658	- .658	0 %100
187	M256	X	- .552	- .552	0 %100
188	M256	Z	- .956	- .956	0 %100
189	M257	X	- .608	- .608	0 %100
190	M257	Z	- 1.054	- 1.054	0 %100
191	M258	X	- .552	- .552	0 %100
192	M258	Z	- .956	- .956	0 %100
193	M261	X	- .285	- .285	0 %100
194	M261	Z	- .493	- .493	0 %100
195	M264	X	0	0	0 %100
196	M264	Z	0	0	0 %100
197	M267	X	- .285	- .285	0 %100
198	M267	Z	- .493	- .493	0 %100
199	M274	X	0	0	0 %100
200	M274	Z	0	0	0 %100
201	M275	X	- .343	- .343	0 %100
202	M275	Z	- .594	- .594	0 %100
203	M276	X	- .343	- .343	0 %100
204	M276	Z	- .594	- .594	0 %100
205	MP1A	X	- .314	- .314	0 %100
206	MP1A	Z	- .543	- .543	0 %100
207	MP4A	X	- .314	- .314	0 %100
208	MP4A	Z	- .543	- .543	0 %100
209	MP3C	X	- .314	- .314	0 %100
210	MP3C	Z	- .543	- .543	0 %100
211	MP1C	X	- .314	- .314	0 %100
212	MP1C	Z	- .543	- .543	0 %100
213	MP4C	X	- .314	- .314	0 %100
214	MP4C	Z	- .543	- .543	0 %100
215	MP3B	X	- .314	- .314	0 %100
216	MP3B	Z	- .543	- .543	0 %100
217	MP1B	X	- .314	- .314	0 %100
218	MP1B	Z	- .543	- .543	0 %100
219	MP4B	X	- .314	- .314	0 %100
220	MP4B	Z	- .543	- .543	0 %100

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M188	Y	- .361	- .361	0 2.25
2	M189	Y	- .082	- 1.107	0 4.2
3	M189	Y	- 1.107	- 2.541	4.2 8.4
4	M189	Y	- 2.541	- 3.133	8.4 12.6
5	M189	Y	- 3.133	- 2.497	12.6 16.8
6	M189	Y	- 2.497	- .863	16.8 21
7	M198	Y	- 3.711	- 1.107	0 14.059
8	M179	Y	- .361	- .361	0 2.25
9	M180	Y	- .082	- 1.107	0 4.2
10	M180	Y	- 1.107	- 2.541	4.2 8.4
11	M180	Y	- 2.541	- 3.133	8.4 12.6
12	M180	Y	- 3.133	- 2.497	12.6 16.8
13	M180	Y	- 2.497	- .863	16.8 21
14	M197	Y	- 3.711	- 1.107	0 14.059
15	M176	Y	- .361	- .361	0 2.25
16	M177	Y	- .082	- 1.107	0 4.2

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
17	M177	Y	-1.107	-2.541	4.2	8.4
18	M177	Y	-2.541	-3.133	8.4	12.6
19	M177	Y	-3.133	-2.497	12.6	16.8
20	M177	Y	-2.497	-.863	16.8	21
21	M190	Y	-3.711	-1.107	0	14.059
22	M185	Y	-.361	-.361	0	2.25
23	M186	Y	-.082	-1.107	0	4.2
24	M186	Y	-1.107	-2.541	4.2	8.4
25	M186	Y	-2.541	-3.133	8.4	12.6
26	M186	Y	-3.133	-2.497	12.6	16.8
27	M186	Y	-2.497	-.863	16.8	21
28	M191	Y	-3.711	-1.107	0	14.059
29	M173	Y	-.361	-.361	0	2.25
30	M174	Y	-.082	-1.107	0	4.2
31	M174	Y	-1.107	-2.541	4.2	8.4
32	M174	Y	-2.541	-3.133	8.4	12.6
33	M174	Y	-3.133	-2.497	12.6	16.8
34	M174	Y	-2.497	-.863	16.8	21
35	M195	Y	-3.711	-1.107	0	14.059
36	M182	Y	-.361	-.361	0	2.25
37	M183	Y	-.082	-1.107	0	4.2
38	M183	Y	-1.107	-2.541	4.2	8.4
39	M183	Y	-2.541	-3.133	8.4	12.6
40	M183	Y	-3.133	-2.497	12.6	16.8
41	M183	Y	-2.497	-.863	16.8	21
42	M196	Y	-3.711	-1.107	0	14.059
43	M193	Y	-2.724	-2.724	.083	116.579
44	M199	Y	-2.728	-2.728	0	116
45	M203	Y	-2.724	-2.724	.083	116.579
46	M205	Y	-2.728	-2.728	0	116
47	M209	Y	-2.724	-2.724	.083	116.579
48	M211	Y	-2.728	-2.728	0	116

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M188	Y	-.888	-.888	0	2.25
2	M189	Y	-.201	-2.72	0	4.2
3	M189	Y	-2.72	-6.247	4.2	8.4
4	M189	Y	-6.247	-7.701	8.4	12.6
5	M189	Y	-7.701	-6.139	12.6	16.8
6	M189	Y	-6.139	-2.121	16.8	21
7	M198	Y	-9.124	-2.72	0	14.059
8	M179	Y	-.888	-.888	0	2.25
9	M180	Y	-.201	-2.721	0	4.2
10	M180	Y	-2.721	-6.248	4.2	8.4
11	M180	Y	-6.248	-7.701	8.4	12.6
12	M180	Y	-7.701	-6.14	12.6	16.8
13	M180	Y	-6.14	-2.121	16.8	21
14	M197	Y	-9.123	-2.721	0	14.059
15	M176	Y	-.888	-.888	0	2.25
16	M177	Y	-.201	-2.721	0	4.2
17	M177	Y	-2.721	-6.248	4.2	8.4
18	M177	Y	-6.248	-7.701	8.4	12.6
19	M177	Y	-7.701	-6.14	12.6	16.8
20	M177	Y	-6.14	-2.121	16.8	21
21	M190	Y	-9.123	-2.721	0	14.059

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[in.%]	End Location[in.%]
22	M185	Y	- .888	- .888	0	2.25
23	M186	Y	- .201	-2.721	0	4.2
24	M186	Y	-2.721	-6.248	4.2	8.4
25	M186	Y	-6.248	-7.701	8.4	12.6
26	M186	Y	-7.701	-6.14	12.6	16.8
27	M186	Y	-6.14	-2.121	16.8	21
28	M191	Y	-9.123	-2.721	0	14.059
29	M173	Y	- .888	- .888	0	2.25
30	M174	Y	- .201	-2.721	0	4.2
31	M174	Y	-2.721	-6.248	4.2	8.4
32	M174	Y	-6.248	-7.701	8.4	12.6
33	M174	Y	-7.701	-6.14	12.6	16.8
34	M174	Y	-6.14	-2.121	16.8	21
35	M195	Y	-9.123	-2.721	0	14.059
36	M182	Y	- .888	- .888	0	2.25
37	M183	Y	- .201	-2.721	0	4.2
38	M183	Y	-2.721	-6.248	4.2	8.4
39	M183	Y	-6.248	-7.701	8.4	12.6
40	M183	Y	-7.701	-6.14	12.6	16.8
41	M183	Y	-6.14	-2.121	16.8	21
42	M196	Y	-9.123	-2.721	0	14.059
43	M193	Y	-6.697	-6.697	.083	116.579
44	M199	Y	-6.706	-6.706	0	116
45	M203	Y	-6.697	-6.697	.083	116.579
46	M205	Y	-6.706	-6.706	0	116
47	M209	Y	-6.697	-6.697	.083	116.579
48	M211	Y	-6.706	-6.706	0	116

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N247	N249	N249A	N246	Y	Two Way	- .005
2	N249	N249A	N234	N235	Y	Two Way	- .005
3	N230	N251	N250	N231	Y	Two Way	- .005
4	N251	N242	N243	N250	Y	Two Way	- .005
5	N227	N226	N253	N252	Y	Two Way	- .005
6	N253	N238	N239	N252	Y	Two Way	- .005
7	N254	N262	N262A	N255	Y	Two Way	- .005
8	N262B	N265	N264	N263	Y	Two Way	- .005
9	N270	N273	N272	N271	Y	Two Way	- .005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N247	N249	N249A	N246	Y	Two Way	- .013
2	N249	N249A	N234	N235	Y	Two Way	- .013
3	N230	N251	N250	N231	Y	Two Way	- .013
4	N251	N242	N243	N250	Y	Two Way	- .013
5	N227	N226	N253	N252	Y	Two Way	- .013
6	N253	N238	N239	N252	Y	Two Way	- .013
7	N254	N262	N262A	N255	Y	Two Way	- .013
8	N262B	N265	N264	N263	Y	Two Way	- .013
9	N270	N273	N272	N271	Y	Two Way	- .013

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
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Member Area Loads (BLC 84 : Structure Ev) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N247	N249	N249A	N246	Y	Two Way	-.000191
2	N249	N249A	N234	N235	Y	Two Way	-.000191
3	N230	N251	N250	N231	Y	Two Way	-.000191
4	N251	N242	N243	N250	Y	Two Way	-.000191
5	N227	N226	N253	N252	Y	Two Way	-.000191
6	N253	N238	N239	N252	Y	Two Way	-.000191
7	N254	N262	N262A	N255	Y	Two Way	-.000191
8	N262B	N265	N264	N263	Y	Two Way	-.000191
9	N270	N273	N272	N271	Y	Two Way	-.000191

Member Area Loads (BLC 85 : Structure Eh (0 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N247	N249	N249A	N246	Z	Two Way	-.000477
2	N249	N249A	N234	N235	Z	Two Way	-.000477
3	N230	N251	N250	N231	Z	Two Way	-.000477
4	N251	N242	N243	N250	Z	Two Way	-.000477
5	N227	N226	N253	N252	Z	Two Way	-.000477
6	N253	N238	N239	N252	Z	Two Way	-.000477
7	N254	N262	N262A	N255	Z	Two Way	-.000477
8	N262B	N265	N264	N263	Z	Two Way	-.000477
9	N270	N273	N272	N271	Z	Two Way	-.000477

Member Area Loads (BLC 86 : Structure Eh (90 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N247	N249	N249A	N246	X	Two Way	.000477
2	N249	N249A	N234	N235	X	Two Way	.000477
3	N230	N251	N250	N231	X	Two Way	.000477
4	N251	N242	N243	N250	X	Two Way	.000477
5	N227	N226	N253	N252	X	Two Way	.000477
6	N253	N238	N239	N252	X	Two Way	.000477
7	N254	N262	N262A	N255	X	Two Way	.000477
8	N262B	N265	N264	N263	X	Two Way	.000477
9	N270	N273	N272	N271	X	Two Way	.000477

Envelope Joint Reactions

Joint	X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC		
1	N2	max	982.336	2	408.787	7	4546.53	1	0	51	0	51	0	51
2		min	-940.97	8	-245.871	1	-5942.346	7	0	1	0	1	0	1
3	N49A	max	4079.027	9	391.273	3	2973.213	4	0	51	0	51	0	51
4		min	-5235.369	3	-234.025	9	-2309.591	10	0	1	0	1	0	1
5	N96	max	4866.42	11	390.299	11	3071.279	11	0	51	0	51	0	51
6		min	-3772.339	5	-236.524	5	-2446.623	5	0	1	0	1	0	1
7	N341	max	41.068	10	3417.211	13	841.872	7	0	51	.001	8	.001	2
8		min	-42.279	3	-880.95	7	-3265.832	13	0	1	-.001	2	-.001	8
9	N342	max	636.723	3	3474.354	21	1659.037	21	.001	2	.001	8	0	8
10		min	-2877.873	21	-773.008	3	-370.373	3	-.001	8	-.001	2	0	2
11	N343A	max	3082.31	17	3717.415	17	1780.806	17	0	12	.001	12	0	12
12		min	-612.265	11	-742.039	11	-352.307	11	0	6	-.001	6	0	6
13	Totals:	max	5178.394	10	9637.666	24	5302.088	1						
14		min	-5178.392	4	3411.463	6	-5302.087	7						

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

Member	Shape	Code Check	Loc[in]	LC	Shear	...	Loc[in]	Dir	LC	phi*Pnc	[...]	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M1	PIPE 3.5	.141	10	8	.044	10		8	77476.331	78750	7.954	7.954	2...	H1-1b	
2	M7	L2x2x4	.499	13	7	.180	13	y	7	24116.891	30585.6	.691	1.577	1...	H2-1	
3	M8	PL1/2x12	.028	4	2	.004	4	y	18	165371.4...	194400	2.025	48.6	1...	H1-1b	
4	M13	L2x2x4	.057	12.702	12	.005	0	z	11	28899.375	30585.6	.691	1.577	1...	H2-1	
5	M14	SR 0.625	.049	3	8	.012	0		8	9749.139	9940.19	.104	.104	1...	H1-1b	
6	M18	SR 0.625	.049	3	8	.012	0		8	9749.139	9940.19	.104	.104	1...	H1-1b	
7	M42A	L2x2x4	.305	13	8	.107	13	z	8	24116.891	30585.6	.691	1.577	1...	H2-1	
8	M44A	L2x2x4	.062	12.702	2	.005	0	y	16	28899.375	30585.6	.691	1.577	1...	H2-1	
9	M44	SR 0.625	.045	3	6	.011	0		6	9749.139	9940.19	.104	.104	1...	H1-1b	
10	M46A	SR 0.625	.045	3	6	.011	0		6	9749.139	9940.19	.104	.104	1...	H1-1b	
11	M46B	L2x2x4	.137	6.649	2	.031	9.697	z	2	28742.236	30585.6	.691	1.577	1...	H2-1	
12	M34A	L2x2x4	.065	0	6	.004	0	y	22	28899.375	30585.6	.691	1.577	1...	H2-1	
13	M35	L2x2x4	.075	0	8	.004	0	z	16	28899.375	30585.6	.691	1.577	1...	H2-1	
14	M36	L2x2x4	.140	6.649	8	.033	9.697	z	8	28742.236	30585.6	.691	1.577	1...	H2-1	
15	M42	PIPE 3.5	.140	10	2	.044	10		2	77476.331	78750	7.954	7.954	2...	H1-1b	
16	M47	L2x2x4	.491	13	3	.173	13	y	3	24116.891	30585.6	.691	1.577	1...	H2-1	
17	M48	PL1/2x12	.028	4	8	.004	4.083	y	14	165371.4...	194400	2.025	48.6	1...	H1-1b	
18	M50	L2x2x4	.062	12.702	8	.006	0	z	19	28899.375	30585.6	.691	1.577	1...	H2-1	
19	M51	SR 0.625	.043	3	10	.011	0		4	9749.139	9940.19	.104	.104	1...	H1-1b	
20	M53	SR 0.625	.043	3	4	.011	0		4	9749.139	9940.19	.104	.104	1...	H1-1b	
21	M61	L2x2x4	.298	13	2	.104	13	z	4	24116.891	30585.6	.691	1.577	1...	H2-1	
22	M62	L2x2x4	.055	12.702	10	.005	0	y	24	28899.375	30585.6	.691	1.577	1...	H2-1	
23	M64	SR 0.625	.049	3	8	.012	0		2	9749.139	9940.19	.104	.104	1...	H1-1b	
24	M66	SR 0.625	.049	3	2	.012	0		2	9749.139	9940.19	.104	.104	1...	H1-1b	
25	M67	L2x2x4	.137	6.649	8	.031	3.602	z	8	28742.236	30585.6	.691	1.577	1...	H2-1	
26	M68	L2x2x4	.076	0	2	.004	0	y	18	28899.375	30585.6	.691	1.577	1...	H2-1	
27	M69	L2x2x4	.060	0	4	.004	0	z	24	28899.375	30585.6	.691	1.577	1...	H2-1	
28	M70	L2x2x4	.139	6.649	2	.033	3.602	z	2	28742.236	30585.6	.691	1.577	1...	H2-1	
29	M83	PIPE 3.5	.120	10	2	.050	21		2	77476.331	78750	7.954	7.954	1...	H1-1b	
30	M88	L2x2x4	.484	13	11	.173	13	y	11	24116.891	30585.6	.691	1.577	1...	H2-1	
31	M89	PL1/2x12	.026	4	6	.004	4.083	y	22	165371.4...	194400	2.025	48.6	1...	H1-1b	
32	M91	L2x2x4	.063	0	2	.006	0	z	3	28899.375	30585.6	.691	1.577	1...	H2-1	
33	M92	SR 0.625	.045	3	6	.011	0		12	9749.139	9940.19	.104	.104	1...	H1-1b	
34	M94	SR 0.625	.045	3	12	.011	0		12	9749.139	9940.19	.104	.104	1...	H1-1b	
35	M102	L2x2x4	.291	13	12	.106	13	z	12	24116.891	30585.6	.691	1.577	1...	H2-1	
36	M103	L2x2x4	.063	0	8	.006	0	y	20	28899.375	30585.6	.691	1.577	1...	H2-1	
37	M105	SR 0.625	.044	3	5	.011	0		11	9749.139	9940.19	.104	.104	1...	H1-1b	
38	M107	SR 0.625	.044	3	11	.011	0		11	9749.139	9940.19	.104	.104	1...	H1-1b	
39	M108	L2x2x4	.123	6.649	6	.029	9.697	z	6	28742.236	30585.6	.691	1.577	1...	H2-1	
40	M109	L2x2x4	.060	0	10	.004	0	y	14	28899.375	30585.6	.691	1.577	1...	H2-1	
41	M110	L2x2x4	.064	0	12	.004	0	z	20	28899.375	30585.6	.691	1.577	1...	H2-1	
42	M111	L2x2x4	.123	6.649	12	.030	9.697	z	12	28742.236	30585.6	.691	1.577	1...	H2-1	
43	M131	PL1/2x6	.150	0	18	.290	6	y	8	67551.643	97200	1.012	12.15	2...	H1-1b	
44	M134	PL1/2x6	.154	0	8	.242	6	y	6	67551.643	97200	1.012	12.15	2...	H1-1b	
45	M148	PIPE 2.0	.456	53.812	34	.227	53.812		12	23088.171	32130	1.872	1.872	2...	H1-1b	
46	M152B	HSS3X3X3	.457	40.031	20	.375	24.938	z	19	63735.017	78246	6.796	6.796	1...	H3-6	
47	M155	PL1/4X7	.002	2.25	4	.000	2.25	y	24	54453.383	56700	.295	8.269	2...	H1-1b	
48	M154	PIPE 2.0	.412	53.813	6	.233	53.813		8	23088.171	32130	1.872	1.872	2...	H1-1b	
49	M157A	PIPE 2.0	.397	53.812	2	.214	53.812		4	23088.171	32130	1.872	1.872	2...	H1-1b	
50	M162	PL1/4X7	.002	0	9	.000	0	y	20	53229.022	56700	.295	8.269	2...	H1-1b	
51	M163	PL1/4X7	.002	0	9	.000	0	y	22	53229.022	56700	.295	8.269	2...	H1-1b	
52	M166	PIPE 2.0	.389	20.312	3	.270	0		1	26092.12	32130	1.872	1.872	2...	H1-1b	
53	M167	PIPE 2.0	.385	19.792	18	.262	0		9	26092.12	32130	1.872	1.872	2...	H1-1b	
54	M168	PIPE 2.0	.385	20.312	7	.254	0		5	26092.12	32130	1.872	1.872	2...	H1-1b	
55	M169	PIPE 2.0	.314	9.187	16	.140	9.187		14	23088.171	32130	1.872	1.872	2...	H1-1b	
56	M170	PIPE 2.0	.283	9.187	12	.127	9.187		22	23088.171	32130	1.872	1.872	2...	H1-1b	



Company :
 Designer :
 Job Number :
 Model Name :

Apr 25, 2022
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 Checked By: _____

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

Member	Shape	Code Check	Loc[in]	LC	Shear	Dir	LC	phi*Pnc	[...]	phi*Pnt	[lb]	phi*Mn y	phi*Mn z	Cb	Eqn
57	M171	PIPE 2.0	.285	9.188	8	.125	9.188	18	23088.171	32130	1.872	1.872	2...	H1-1b	
58	M174	L2x2x4	.036	18.594	18	.022	0	z	2	26193.622	30585.6	.691	1.577	1...	H2-1
59	M177	L2x2x4	.055	21	29	.015	0	z	23	26193.622	30585.6	.691	1.577	1...	H2-1
60	M180	L2x2x4	.029	18.375	14	.018	0	z	10	26193.622	30585.6	.691	1.577	1...	H2-1
61	M183	L2x2x4	.038	16.844	13	.017	0	z	19	26193.622	30585.6	.691	1.577	1...	H2-1
62	M186	L2x2x4	.038	21	35	.020	0	z	6	26193.622	30585.6	.691	1.577	1...	H2-1
63	M189	L2x2x4	.035	0	5	.015	0	z	15	26193.622	30585.6	.691	1.577	2...	H2-1
64	M223	PL1/2x6	.155	0	2	.226	6	y	4	67551.643	97200	1.012	12.15	2...	H1-1b
65	M226A	PL1/2x6	.154	0	16	.290	6	y	2	67551.643	97200	1.012	12.15	2...	H1-1b
66	M228A	HSS3X3X3	.466	31.5	21	.390	24.938	z	15	63735.017	78246	6.796	6.796	1...	H1-1b
67	M232A	PL1/2x6	.149	0	22	.240	6	y	12	67551.643	97200	1.012	12.15	2...	H1-1b
68	M235	PL1/2x6	.144	0	24	.232	6	y	11	67551.643	97200	1.012	12.15	2...	H1-1b
69	M237	HSS3X3X3	.482	31.5	17	.371	38.062	z	22	63735.017	78246	6.796	6.796	1...	H1-1b
70	M240A	PL1/4X7	.002	2.25	10	.000	2.25	y	24	54453.383	56700	.295	8.269	2...	H1-1b
71	M242A	PL1/4X7	.004	2.25	10	.003	2.25	y	20	54453.383	56700	.295	8.269	1...	H1-1b
72	M244	PL1/4X7	.004	2.25	8	.003	2.25	y	22	54453.383	56700	.295	8.269	1...	H1-1b
73	M246	PL1/4X7	.002	2.25	8	.000	2.25	y	19	54453.383	56700	.295	8.269	2...	H1-1b
74	M248	PL1/4X7	.002	2.25	2	.000	2.25	y	20	54453.383	56700	.295	8.269	2...	H1-1b
75	MP2A	PIPE 2.5	.324	54	10	.067	17.25	10	37773.818	50715	3.596	3.596	1...	H1-1b	
76	MP3A	PIPE 2.0	.266	53.25	27	.109	53.25	7	20866.733	32130	1.872	1.872	2...	H1-1b	
77	MP2C	PIPE 2.5	.339	54	6	.070	17.25	6	37773.818	50715	3.596	3.596	1...	H1-1b	
78	MP2B	PIPE 2.5	.323	54	2	.066	17.25	2	37773.818	50715	3.596	3.596	1...	H1-1b	
79	M256	LL3x3x3x3	.099	60.815	13	.009	0	y	2	47644.009	70632	5.543	3.751	1	H1-1b*
80	M257	LL3x3x3x3	.101	60.815	21	.009	60.815	y	8	47644.009	70632	5.543	3.751	1	H1-1b*
81	M258	LL3x3x3x3	.108	60.815	17	.007	60.815	y	6	47644.009	70632	5.543	3.751	1	H1-1b*
82	M261	PIPE 2.5	.189	37.187	34	.107	38.958	8	11334.699	50715	3.596	3.596	2...	H1-1b	
83	M264	PIPE 2.5	.195	38.958	6	.100	38.958	4	11334.699	50715	3.596	3.596	1...	H1-1b	
84	M267	PIPE 2.5	.185	38.958	2	.108	38.958	12	11334.699	50715	3.596	3.596	1...	H1-1b	
85	M274	L3X3X4	.226	20.004	8	.063	20.004	y	32	43870.5	46656	1.688	3.756	1...	H2-1
86	M275	L3X3X4	.255	0	7	.050	20.004	y	4	43870.5	46656	1.688	3.756	1...	H2-1
87	M276	L3X3X4	.244	20.004	12	.052	20.004	y	12	43870.5	46656	1.688	3.756	1...	H2-1
88	MP1A	PIPE 2.0	.227	53.99	9	.118	53.99	8	20616.322	32130	1.872	1.872	1...	H1-1b	
89	MP4A	PIPE 2.0	.228	15	30	.080	15	7	20866.733	32130	1.872	1.872	1...	H1-1b	
90	MP3C	PIPE 2.0	.263	53.25	22	.107	53.25	3	20866.733	32130	1.872	1.872	2...	H1-1b	
91	MP1C	PIPE 2.0	.247	15.969	6	.099	53.99	4	20616.322	32130	1.872	1.872	2...	H1-1b	
92	MP4C	PIPE 2.0	.172	15	14	.082	15	3	20866.733	32130	1.872	1.872	2...	H1-1b	
93	MP3B	PIPE 2.0	.248	53.25	18	.106	53.25	11	20866.733	32130	1.872	1.872	2...	H1-1b	
94	MP1B	PIPE 2.0	.239	53.99	25	.103	53.99	12	20616.322	32130	1.872	1.872	2...	H1-1b	
95	MP4B	PIPE 2.0	.156	15	22	.089	15	11	20866.733	32130	1.872	1.872	1...	H1-1b	

Envelope AISI S100-16: LRFD Cold Formed Steel Code Checks

Member	Shape	Code	Loc[in]	LC	Shear	Dir	LC	phi*Pn	[lb]	phi*Tn	[lb]	phi*Mny	phi*Mnz	phi*V	phi*V	Cb	Eqn
1	M25	4CU1.5X...	.538	32.083	7	.023	0	z	5	26606.2...	48308.4	.713	4.043	15903	10773	1.693	H1.2-1
2	M26	4CU1.5X...	.526	32.083	7	.021	0	z	10	26606.2...	48308.4	.713	4.043	15903	10773	1.672	H1.2-1
3	M31	4CU2X025	.249	7.5	8	.050	13.5	z	2	48690.4...	56408.4	1.277	5.23	15903	15903	2.168	H1.2-1
4	M38	4CU2X025	.255	7.5	2	.047	12.75	z	2	48690.4...	56408.4	1.277	5.23	15903	15903	2.643	H1.2-1
5	M56	4CU1.5X...	.495	32.083	3	.024	32.083	y	7	26606.2...	48308.4	.713	4.043	15903	10773	1.7	H1.2-1
6	M57	4CU1.5X...	.530	32.083	3	.024	0	z	6	26606.2...	48308.4	.713	4.043	15903	10773	1.654	H1.2-1
7	M59	4CU2X025	.253	7.5	8	.048	12.75	z	8	48690.4...	56408.4	1.277	5.23	15903	15903	2.615	H1.2-1
8	M79	4CU2X025	.252	7.5	2	.049	13.5	z	8	48690.4...	56408.4	1.277	5.23	15903	15903	3.262	H1.2-1
9	M97	4CU1.5X...	.507	32.083	11	.029	0	z	8	26606.2...	48308.4	.713	4.043	15903	10773	1.691	H1.2-1
10	M98	4CU1.5X...	.517	32.083	11	.029	0	z	2	26606.2...	48308.4	.713	4.043	15903	10773	1.665	H1.2-1
11	M100	4CU2X025	.283	7.5	8	.055	12.75	z	2	48690.4...	56408.4	1.277	5.23	15903	15903	2.621	H1.2-1
12	M118	4CU2X025	.405	7.313	8	.032	7.313	z	2	43062.8...	56408.4	1.277	5.23	15903	15903	1.105	H1.2-1
13	M120	4CU2X025	.285	7.5	2	.053	12.75	z	8	48690.4...	56408.4	1.277	5.23	15903	15903	2.624	H1.2-1



Company :
 Designer :
 Job Number :
 Model Name :

Apr 25, 2022
 10:59 AM
 Checked By: _____

Envelope AISI S100-16: LRFD Cold Formed Steel Code Checks (Continued)

Member	Shape	Code	...	Loc[in]	LC	Shear	...	Loc[in]	Dir	LC	ϕ^*P_n [lb]	ϕ^*T_n [lb]	ϕ^*M_{ny} ...	ϕ^*M_{nz} ...	ϕ^*V ...	ϕ^*V ...	Cb	Eqn
14	M121A	4CU2X025	.407	31.688	2	.032	31.688	z	2	43062.8...	56408.4	1.277	5.23	15903	15903	1.107	H1.2-1	
15	M126	4CU2X025	.366	7.313	2	.029	7.313	z	2	43062.8...	56408.4	1.277	5.23	15903	15903	1.147	H1.2-1	

I. Mount-to-Tower Connection Check

<u>Custom Orientation Required</u>	<input type="text" value="No"/>
<u>Tower Connection Bolt Checks</u>	<input type="text" value="Yes"/>
<u>Bolt Orientation</u>	<input type="text" value="Parallel"/>
<u>Tower Connection Baseplate Checks</u>	<input type="text" value="No"/>

Tower Connection Weld Checks

Weld Shape:
 Weld Stiffener Configuration:
 Stiffener Notch Length, n (in):
 Weld Size (1/16 in):
 W1 (in):
 W2 (in):
 Weld Total Length (in):
 Z_x (in³/in):
 Z_y (in³/in):
 J_p (in⁴/in):
 c_x (in)
 c_y (in)
 Required combined strength (kip/in):
 Weld Capacity (kip/in):
 Weld Utilization:

Yes
Two Vertical Fillet Welds
None
4
5
6
12.00
12.00
30.00
111.00
2.5
3
0.31
5.57
5.6%

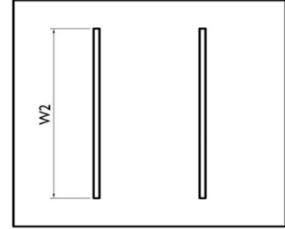


Exhibit F

Power Density/RF Emissions Report

Site Name: **NEW HARTFORD N CT**
 Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm ²)	(mW/cm ²)	(%)
VZW 700	751	4	575	2301	147	0.0038	0.5007	0.76%
VZW CDMA	878.49	2	499	998	147	0.0017	0.5857	0.28%
VZW Cellular	874	4	660	2642	147	0.0044	0.5827	0.75%
VZW PCS	1975	4	1949	7796	147	0.0130	1.0000	1.30%
VZW AWS	2120	4	2238	8951	147	0.0149	1.0000	1.49%
VZW CBAND	3730.08	4	6531	26125	147	0.0435	1.0000	4.35%

Total Percentage of Maximum Permissible Exposure 8.94%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

MHz = Megahertz

mW/cm² = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.