Mj Umali, Site Acquisition Consultant
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Floor 3
West Bridgewater, MA 02379
Mobile: (978) 568-7906
mumali@clinellc.com

August 9, 2021

Melanie A. Bachman
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: Notice of Exempt Modification // Site: Naugatuck West CT (ATC: 283423)
880 Andrew Mountain Road, Naugatuck, CT 06770
N 41.484453 // W 73.089844

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless currently maintains 6 antennas at the 106-foot level mount on the existing 119-foot monopole tower, located at 880 Andrew Mountain Road, Naugatuck, CT. The tower is owned by American Tower. The property is owned by Franklin B. Andrew Jr. The Council approved Verizon Wireless use of the tower in 2013. Verizon Wireless now intends to install Mount modifications for 3 new antennas and 3 new Remote Radio Heads (RRHs). Additionally, Verizon Wireless will remove 2 OVPs and replace with 2 new ones, as well as remove 2 hybrid cables to replace with 2 new ones. Altogether updating leased equipment rights, as reflected by the final configuration outlined in the structural analysis and proposed hereby.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Pete Hess III, Mayor for the Town of Naugatuck, Lori Rotella, Town Planner as zoning official, American Tower, the tower owner, and to the ground owner, Franklin B. Andrew Jr.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated June 28th, 2021, by Dewberry Engineers, Inc., a structural analysis dated June 16, 2021 by Tower Engineering Professionals, Inc., and a structural mount analysis by Maser Consulting Connecticut dated June 11, 2021 and radio frequency (RF) analysis table showing worst-case RF emission calculation by Verizon Wireless RF Design Engineering.

1. The proposed modifications will not result in an increase in the height of the existing structure.

2. The proposed modifications will not require the extension of the site boundary.

3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

4. The operation of the new antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. The existing structure and its foundation can support the proposed loading, as shown in the attached structural analysis by Tower Engineering Professionals, Inc, dated June 16, 2021 and a structural mount analysis by Maser Consulting Connecticut dated June 11, 2021 pursuant to certain conditions defined therein. Design and engineering is fully illustrated within construction drawings dated, signed and stamped June 28th 2021.

For the foregoing reasons, Verizon Wireless respectfully submits that the proposed modifications to the above referenced telecommunications facility constitute an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

MJ Umali

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c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Floor 3
West Bridgewater, MA 02379
Mobile: (978) 568-7906
mumali@clinellc.com

Attachments

cc: Pete Hess III, Mayor for the Town of Naugatuck - as chief elected official
Lori Rotella as Town Planner - as P&Z official
American Tower Corporation - as tower owner
Franklin B. Andrew Jr. - as property owner

UPS CampusShip: View/Print Label

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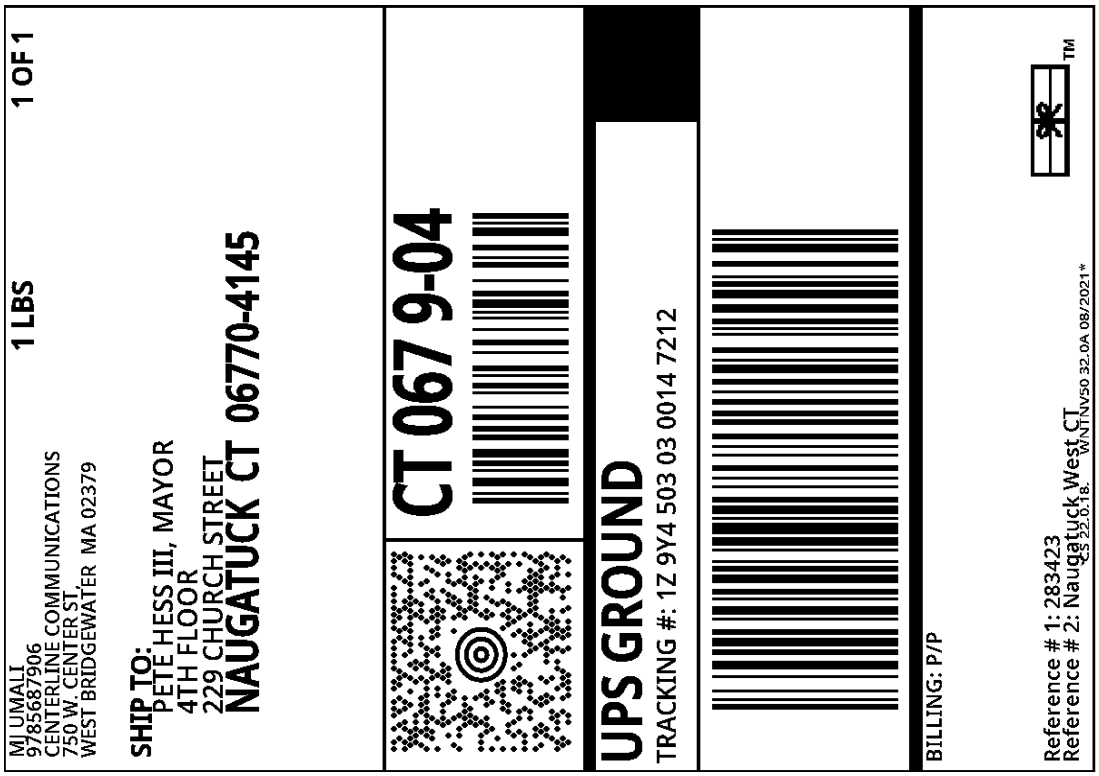

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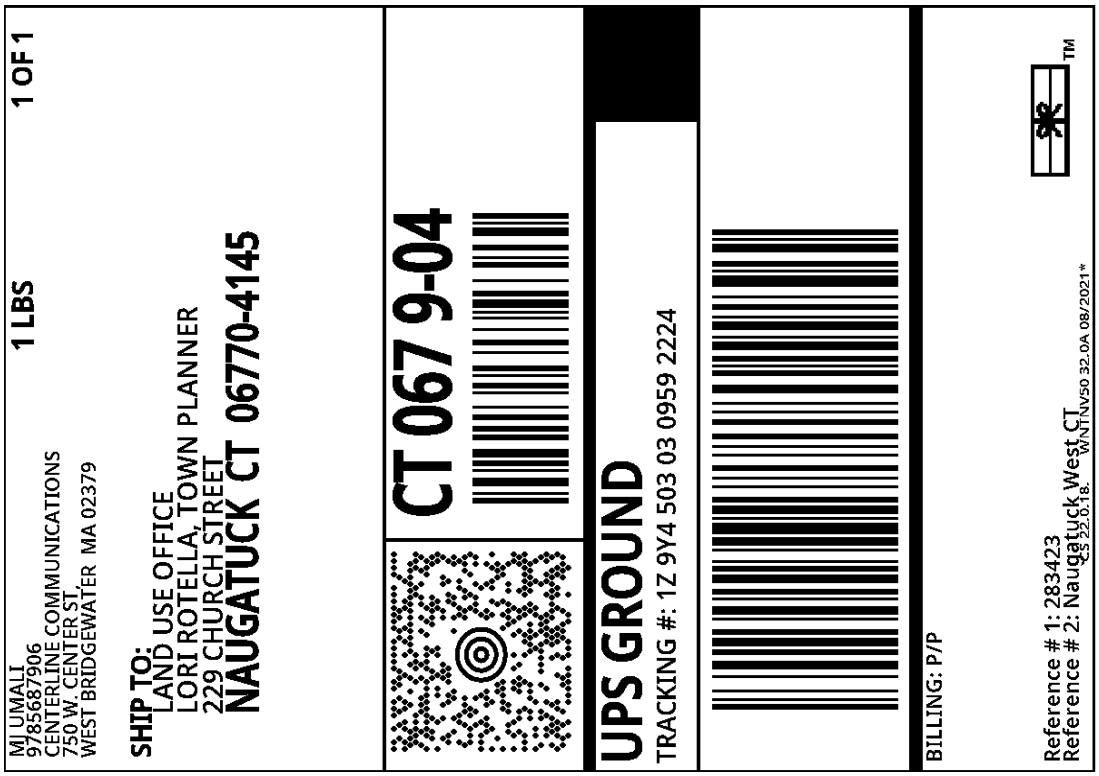

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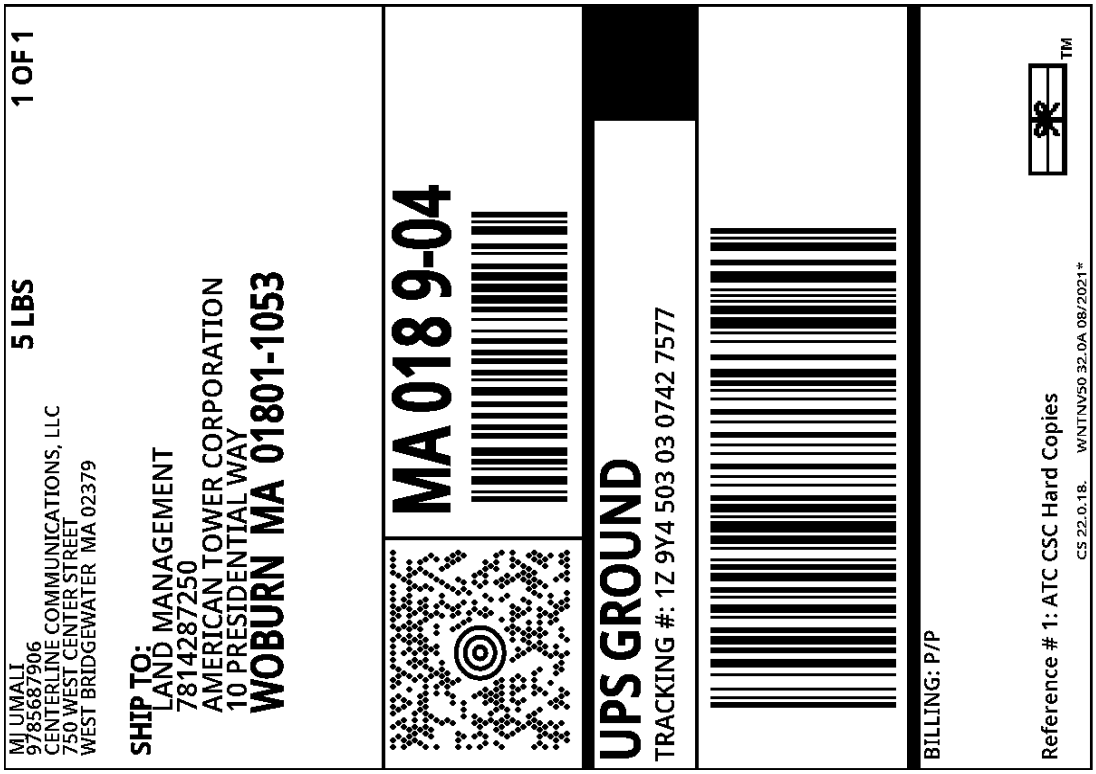

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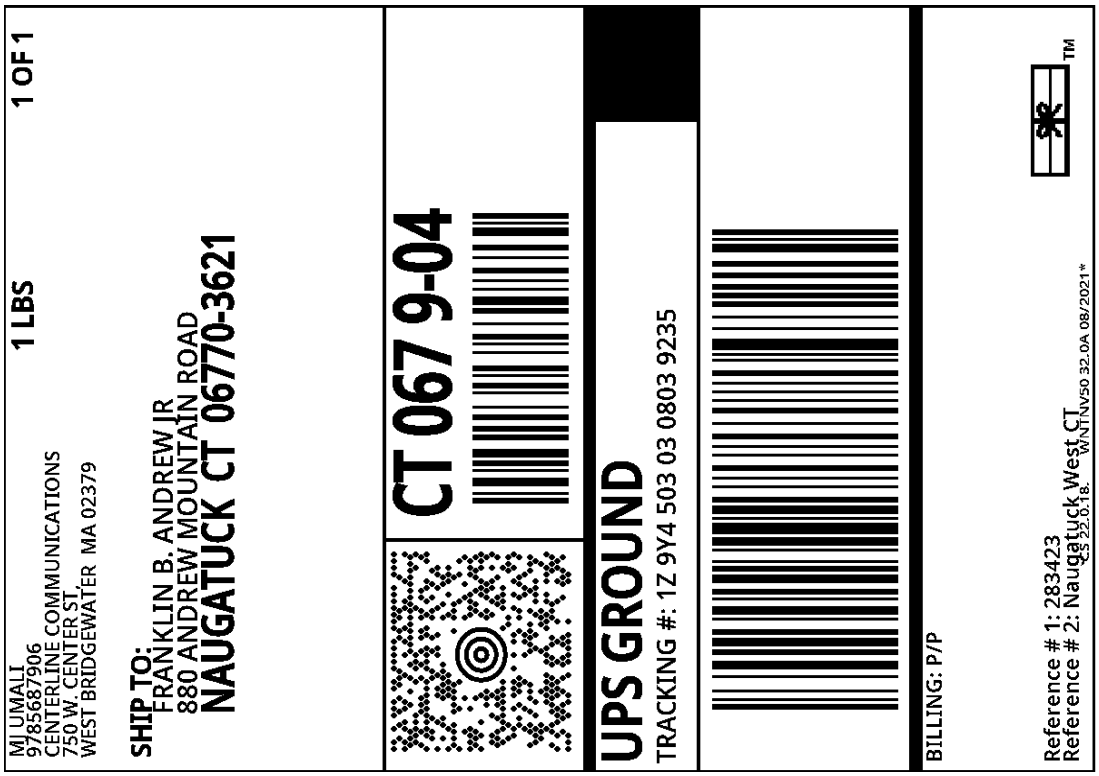

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Structural Analysis Report

Structure	:	**119 ft Monopole**
ATC Site Name	:	**NAUGATUCK CT, CT**
ATC Asset Number	:	**283423**
Engineering Number	:	**13668711_C3_01**
Proposed Carrier	:	**VERIZON WIRELESS**
Carrier Site Name	:	**NAUGATUCK WEST CT**
Carrier Site Number	:	**469151**
Site Location	:	**880 Andrew Mountain Road** **Naugatuck, CT 06770-3656** **41.484500,-73.089800**
County	:	**New Haven**
Date	:	**May 6, 2021**
Max Usage	:	**41%**
Result	:	**Pass**

Prepared By:
Christopher Jolly
Structural Engineer III

Reviewed By:

COA: PEC.0001553

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Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 119 ft monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	TransAmerican DaVinci Job #11235-1298, dated June 14, 2011
Foundation Drawing	TransAmerican DaVinci Job #11235-1298, dated June 14, 2011
Geotechnical Report	Terracon Project #J2115128, dated May 10, 2011

Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

Basic Wind Speed:	117 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 1" radial ice concurrent
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Crest Height (H):	0 ft
Spectral Response:	Ss = 0.20, S_1 = 0.05
Site Class:	D - Stiff Soil

Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

If you have any questions or require additional information, please contact American Tower via email at Engineering@americantower.com. Please include the American Tower site name, site number, and engineering number in the subject line for any questions.

Existing and Reserved Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
119.0	4	Raycap DC6-48-60-18-8F	Platform with Handrails	(4) 0.39" (10mm) Fiber Trunk (2) 0.40" (10.3mm) Fiber (8) 0.78" (19.7mm) 8 AWG 6 (3) 3/8" (0.38"-9.5mm) RET Control Cable	AT&T MOBILITY
	3	Ericsson RRUS 4478 B14 (15")			
	3	Ericsson RRUS 32 (50.8 lbs)			
	3	Ericsson RRUS 32 B66A			
	3	Ericsson RRUS 32 B2			
	9	Ericsson RRUS-11			
	9	CCI HPA-65R-BUU-H8			
	3	Kathrein Scala 80010966			
106.0	3	Commscope CBC78T-DS-43-2X	Low Profile Platform	(6) 1 5/8" Coax (1) 1 5/8" Hybriflex	VERIZON WIRELESS
	3	Samsung B5/B13 RRH-BR04C			
	3	Samsung B2/B66A RRH-BR049			
	2	Raycap RCMDC-6627-PF-48			
	4	Commscope JAHH-65B-R3B			
	2	Commscope JAHH-45B-R3B			

Equipment to be Removed

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
No loading was considered as removed as part of this analysis.					

Proposed Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
106.0	3	Samsung MT6407-77A	Low Profile Platform	(1) 1 5/8" Hybriflex	VERIZON WIRELESS

[1] Contracted elevations are shown for appurtenances within contracted installation tolerances. Appurtenances outside of contract limits are shown at installed elevations.

Install proposed coax inside the pole shaft.

Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	41%	Pass
Shaft	38%	Pass
Base Plate	17%	Pass

Foundations

Reaction Component	Original Design Reactions	Analysis Reactions	% of Design
Moment (Kips-Ft)	3,850.0	1,446.4	38%
Shear (Kips)	42.0	16.7	40%

The structure base reactions resulting from this analysis are acceptable when compared to those shown on the original structure drawings, therefore no modification or reinforcement of the foundation will be required.

Deflection and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
106.0	Samsung MT6407-77A	VERIZON WIRELESS	0.403	0.415

***Deflection and Sway was evaluated considering a design wind speed of 60 mph (3-Second Gust) per ANSI/TIA-222-H**

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Standard Conditions

All engineering services performed by A.T. Engineering Service, PLLC are prepared on the basis that the information used is current and correct. This information may consist of, but is not limited to the following:

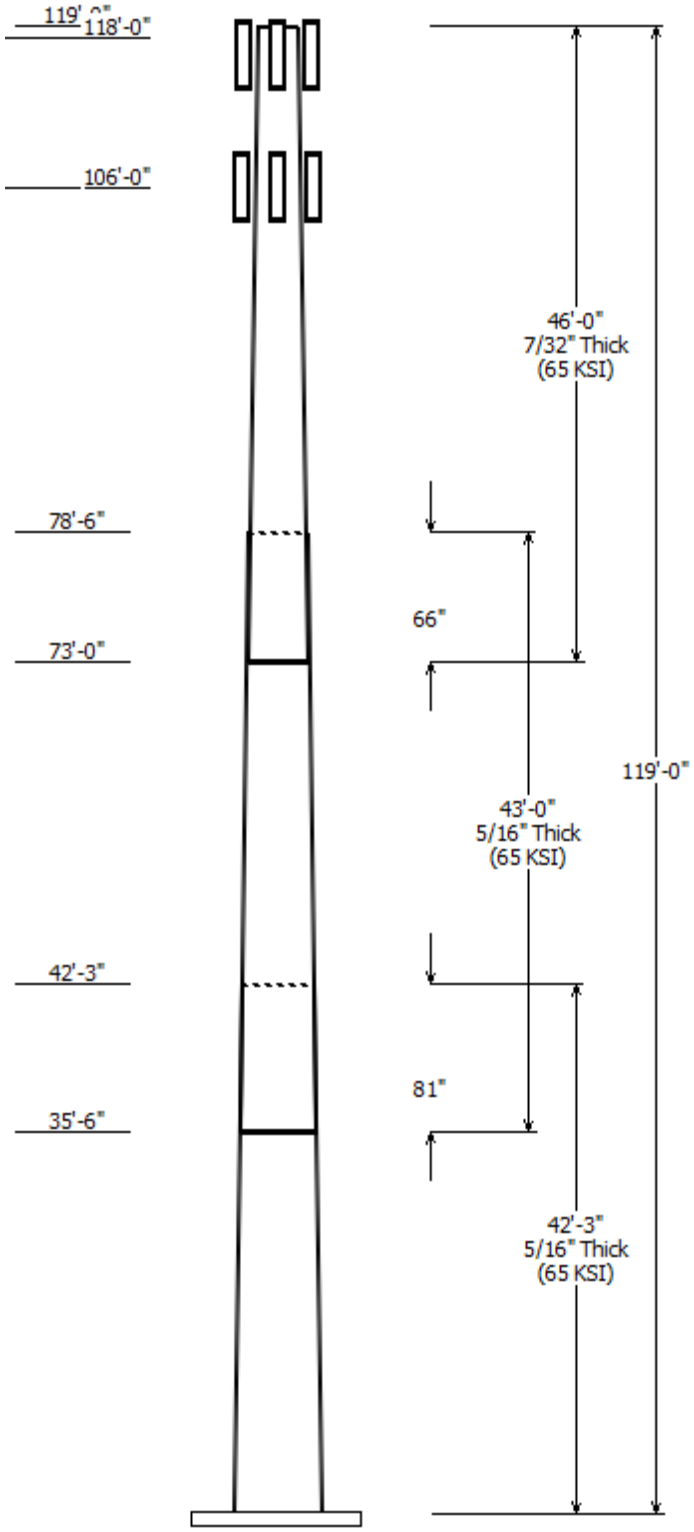
- Information supplied by the client regarding antenna, mounts and feed line loading
- Information from drawings, design and analysis documents, and field notes in the possession of A.T. Engineering Service, PLLC

It is the responsibility of the client to ensure that the information provided to A.T. Engineering Service, PLLC and used in the performance of our engineering services is correct and complete.

All assets of American Tower Corporation, its affiliates and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with the drawings and specifications.

Unless explicitly agreed by both the client and A.T. Engineering Service, PLLC, all services will be performed in accordance with the current revision of ANSI/TIA-222.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Service, PLLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.



Job Information

Client :	VERIZON WIRELESS		
Pole :	283423	Code:	ANSI/TIA-222-H
Location :	NAUGATUCK CT, CT		
Description :		Risk Category :	II
Shape :	18 Sides	Exposure :	B
Height :	119.00 (ft)	Topo Method :	Method 1
Base Elev (ft):	0.00	Topographic Category :	1
Taper:	0.257182 (in/ft)		

Sections Properties

Shaft Section	Length (ft)	Diameter (in) Accross Flats Top	Bottom	Thick (in)	Joint Type	Overlap Length (in)	Shape	Steel Grade (ksi)
1	42.250	46.13	57.00	0.313		0.000	18 Sides	65
2	43.000	37.43	48.49	0.313	Slip Joint	81.000	18 Sides	65
3	46.000	27.45	39.28	0.219	Slip Joint	66.000	18 Sides	65

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
119.000	118.000	3	Kathrein Scala 80010966
119.000	118.000	9	CCI HPA-65R-BUU-H8
119.000	118.000	9	Ericsson RRUS-11
119.000	119.000	3	Ericsson RRUS 32 B2
119.000	119.000	3	Ericsson RRUS 32 B66A
119.000	118.000	3	Ericsson RRUS 32 (50.8 lbs)
119.000	118.000	3	Ericsson RRUS 4478 B14 (15")
119.000	118.000	4	Raycap DC6-48-60-18-8F
118.000	118.000	1	Generic Round Platform with
106.000	106.000	1	Generic Round Low Profile
106.000	106.000	2	Commscope JAHH-45B-R3B
106.000	106.000	4	Commscope JAHH-65B-R3B
106.000	106.000	3	Samsung MT6407-77A
106.000	106.000	2	Raycap RCMDC-6627-PF-48
106.000	106.000	3	Samsung B5/B13 RRH-BR04C
106.000	106.000	3	Commscope CBC78T-DS-43-2X
106.000	106.000	3	Samsung B2/B66A RRH-BR049

Linear Appurtenance

Elev (ft) From	To	Description	Exposed To Wind
0.000	106.0	1 5/8" Coax	No
0.000	106.0	1 5/8" Hybriflex	No
0.000	106.0	1 5/8" Hybriflex	No
0.000	119.0	0.39" (10mm)	No
0.000	119.0	0.40" (10.3mm)	No
0.000	119.0	0.78" (19.7mm) 8	No
0.000	119.0	3/8" (0.38"-	No

Load Cases

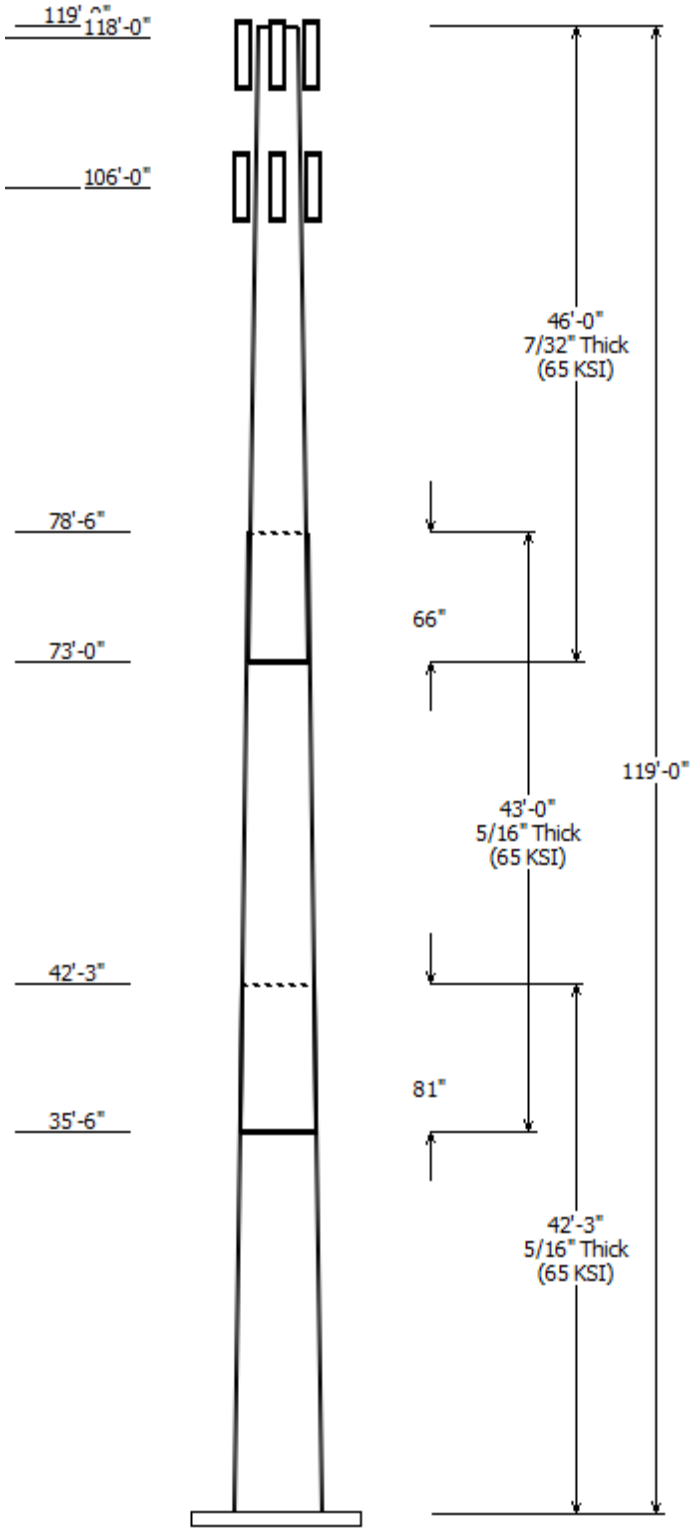
1.2D + 1.0W	117 mph with No Ice
0.9D + 1.0W	117 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph with 1.00 in Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	Serviceability 60 mph

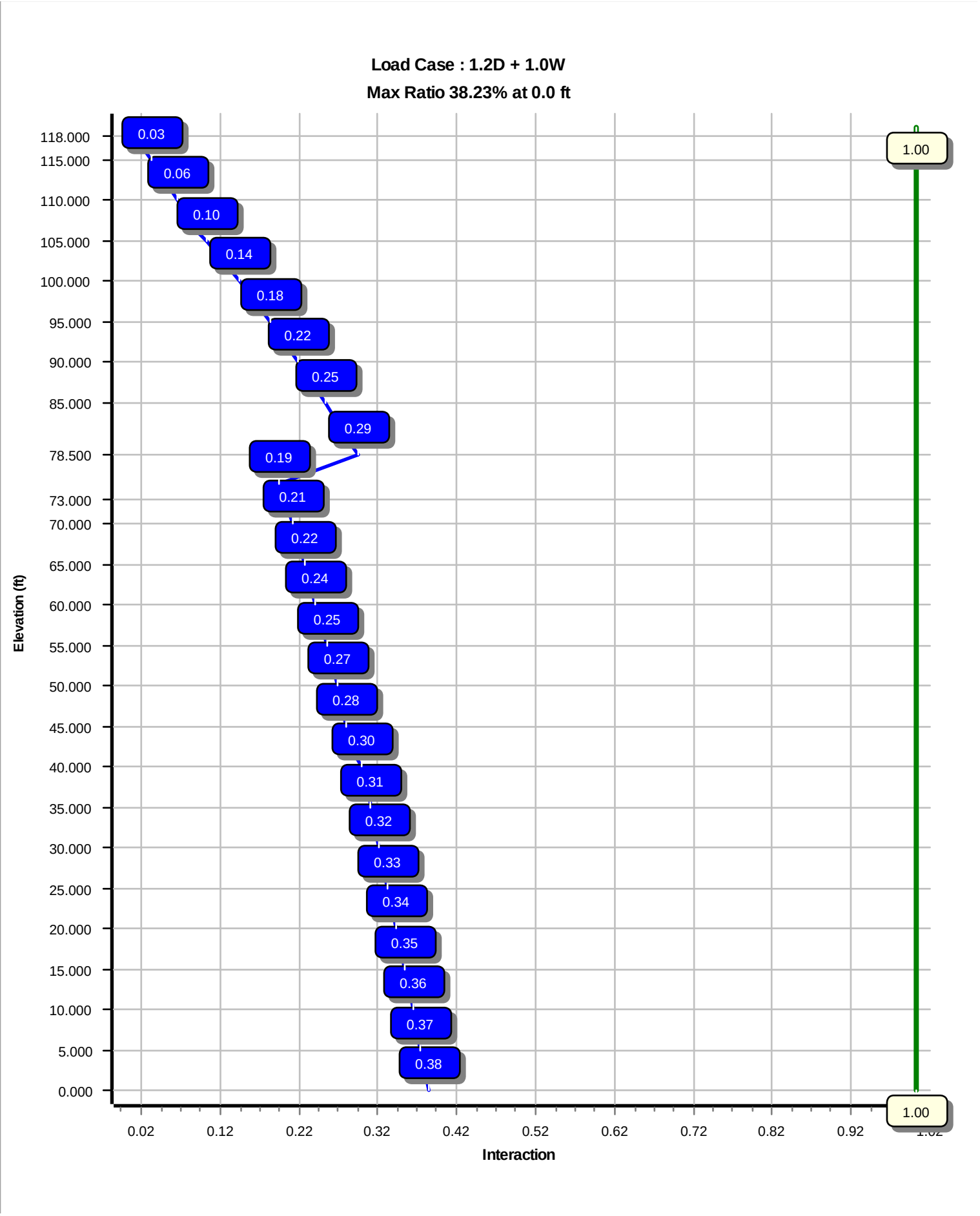
Reactions

Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.0W	1446.44	16.71	31.65
0.9D + 1.0W	1438.58	16.71	23.73
1.2D + 1.0Di + 1.0Wi	386.78	4.64	43.11
1.2D + 1.0Ev + 1.0Eh	98.96	1.01	31.51
0.9D - 1.0Ev + 1.0Eh	98.29	1.01	21.78
1.0D + 1.0W	339.12	3.93	26.39

Dish Deflections

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
	0.00	0.000	0.000




Load Case : 1.2D + 1.0W
Max Ratio 38.23% at 0.0 ft
Elevation (ft)
118.000
115.000
110.000
105.000
100.000
95.000
90.000
85.000
78.500
73.000
70.000
65.000
60.000
55.000
50.000
45.000
40.000
35.000
30.000
25.000
20.000
15.000
10.000
5.000
0.000
0.03
0.06
0.10
0.14
0.18
0.22
0.25
0.29
0.19
0.21
0.22
0.24
0.25
0.27
0.28
0.30
0.31
0.32
0.33
0.34
0.35
0.36
0.37
0.38
1.00
1.00
0.02
0.12
0.22
0.32
0.42
0.52
0.62
0.72
0.82
0.92
Interaction

Site Number: 283423 Code: ANSI/TIA-222-H

Site Name: NAUGATUCK CT, CT Engineering Number:13668711_C3_01 5/6/2021 10:16:19 AM

Customer: VERIZON WIRELESS

Analysis Parameters

Location :	New Haven County, CT	Height (ft) :	119
Code :	ANSI/TIA-222-H	Base Diameter (in) :	57.00
Shape :	18 Sides	Top Diameter (in) :	27.46
Pole Type :	Taper	Taper (in/ft) :	0.257
Pole Manfacturer :	TransAmerican	Rotation (deg) :	0.00
Kd (non-service) :	0.95	Ke :	0.97

Ice & Wind Parameters

Exposure Category:	B	Design Wind Speed Without Ice:	117 mph
Risk Category:	II	Design Wind Speed With Ice:	50 mph
Topographic Factor Procedure:	Method 1	Operational Wind Speed:	60 mph
Topographic Category:	1	Design Ice Thickness:	1.00 in
Crest Height:	0 ft	HMSL:	854.00 ft

Seismic Parameters

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil				
Period Based on Rayleigh Method (sec):	1.51				
T_L (sec):	6	p:	1	C_s:	0.038
S_s:	0.196	S_1:	0.054	C_s Max:	0.038
F_a:	1.600	F_v:	2.400	C_s Min:	0.030
S_{ds}:	0.209	S_{d1}:	0.086		

Load Cases

1.2D + 1.0W	117 mph with No Ice
0.9D + 1.0W	117 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph with 1.00 in Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	Serviceability 60 mph

Site Number: 283423 Code: ANSI/TIA-222-H

Site Name: NAUGATUCK CT, CT Engineering Number:13668711_C3_01 5/6/2021 10:16:19 AM

Customer: VERIZON WIRELESS

Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint Len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (in²)	Bottom Ix (in⁴)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (ft)	Top Area (in²)	Top Ix (in⁴)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-18	42.250	0.3125	65		0.00	7,309	57.00	0.00	56.22	22827.4	30.40	182.40	46.13	42.25	45.45	12056.0	24.27	147.63	0.257182
2-18	43.000	0.3125	65	Slip	81.00	6,190	48.49	35.50	47.79	14017.3	25.60	155.18	37.43	78.50	36.82	6411.4	19.36	119.80	0.257182
3-18	46.000	0.2188	65	Slip	66.00	3,604	39.28	73.00	27.13	5232.5	29.90	179.56	27.45	119.00	18.92	1773.3	20.36	125.49	0.257182
				Shaft Weight		17,103													

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor
119.00	Raycap DC6-48-60-18-8F	4	0.75	-1.000	20.00	1.260	0.50	54.35	1.690	0.50
119.00	Ericsson RRUS 4478 B14 (15")	3	0.75	-1.000	59.40	1.650	0.50	91.83	2.203	0.50
119.00	Ericsson RRUS 32 (50.8 lbs)	3	0.75	-1.000	50.80	2.692	0.67	97.47	3.446	0.67
119.00	Ericsson RRUS 32 B66A	3	0.75	0.000	50.70	2.720	0.67	98.52	3.479	0.67
119.00	Ericsson RRUS 32 B2	3	0.75	0.000	53.00	2.743	0.67	100.99	3.506	0.67
119.00	Ericsson RRUS-11	9	0.75	-1.000	55.00	3.792	0.61	113.58	4.630	0.61
119.00	CCI HPA-65R-BUU-H8	9	0.75	-1.000	68.00	12.976	0.67	235.65	15.312	0.67
119.00	Kathrein Scala 80010966	3	0.75	-1.000	114.60	17.363	0.63	324.11	19.770	0.63
118.00	Generic Round Platform with	1	1.00	0.000	2,500.00	27.200	1.00	3,555.03	43.122	1.00
106.00	Commscope CBC78T-DS-43-2X	3	0.80	0.000	20.70	0.552	0.50	34.95	0.880	0.50
106.00	Samsung B5/B13 RRH-BR04C	3	0.80	0.000	70.30	1.875	0.50	107.19	2.457	0.50
106.00	Samsung B2/B66A RRH-BR049	3	0.80	0.000	84.40	1.875	0.50	125.54	2.457	0.50
106.00	Raycap RCMDC-6627-PF-48	2	0.80	0.000	32.00	4.056	0.79	113.97	4.936	0.79
106.00	Samsung MT6407-77A	3	0.80	0.000	81.60	4.709	0.61	147.34	5.689	0.61
106.00	Commscope JAHH-65B-R3B	4	0.80	0.000	60.60	9.113	0.69	191.07	10.902	0.69
106.00	Commscope JAHH-45B-R3B	2	0.80	0.000	83.80	11.400	0.73	231.17	13.198	0.73
106.00	Generic Round Low Profile	1	1.00	0.000	1,875.00	21.700	1.00	2,397.31	34.082	1.00
Totals	Num Loadings:17	59			7,792.50			14,151.17		

Linear Appurtenance Properties

Load Case Azimuth (deg) :

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax / Row	Dist Between Rows (in)	Dist Between Cols (in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	119.00	4	0.39" (10mm) Fiber	0.39	0.06	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	119.00	2	0.40" (10.3mm) Fiber	0.40	0.09	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	119.00	8	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	119.00	3	3/8" (0.38"- 9.5mm)	0.38	0.23	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	106.00	6	1 5/8" Coax	1.98	0.82	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
0.00	106.00	1	1 5/8" Hybriflex	1.98	1.30	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
0.00	106.00	1	1 5/8" Hybriflex	1.98	1.30	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS

Segment Properties (Max Len : 5. ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
0.00		0.3125	57.000	56.225	22,827.4	30.40	182.40	65.6	788.8	0.0	0.0
5.00		0.3125	55.714	54.949	21,308.9	29.67	178.29	66.5	753.3	0.0	945.8
10.00		0.3125	54.428	53.674	19,859.3	28.95	174.17	67.4	718.7	0.0	924.1
15.00		0.3125	53.142	52.399	18,477.0	28.22	170.06	68.2	684.8	0.0	902.4
20.00		0.3125	51.856	51.123	17,160.3	27.50	165.94	69.1	651.8	0.0	880.7
25.00		0.3125	50.570	49.848	15,907.8	26.77	161.83	69.9	619.6	0.0	859.0
30.00		0.3125	49.285	48.572	14,717.7	26.05	157.71	70.8	588.2	0.0	837.3
35.00		0.3125	47.999	47.297	13,588.5	25.32	153.60	71.6	557.6	0.0	815.6
35.50	Bot - Section 2	0.3125	47.870	47.169	13,478.9	25.25	153.18	71.7	554.6	0.0	80.4
40.00		0.3125	46.713	46.022	12,518.6	24.59	149.48	72.5	527.8	0.0	1,436.5
42.25	Top - Section 1	0.3125	46.759	46.068	12,556.1	24.62	149.63	72.4	528.9	0.0	705.1
45.00		0.3125	46.052	45.366	11,991.2	24.22	147.37	72.9	512.9	0.0	427.8
50.00		0.3125	44.766	44.091	11,008.0	23.50	143.25	73.8	484.3	0.0	761.0
55.00		0.3125	43.480	42.815	10,080.1	22.77	139.14	74.6	456.6	0.0	739.3
60.00		0.3125	42.194	41.540	9,205.9	22.04	135.02	75.5	429.7	0.0	717.6
65.00		0.3125	40.908	40.264	8,383.7	21.32	130.91	76.3	403.7	0.0	695.9
70.00		0.3125	39.622	38.989	7,612.0	20.59	126.79	77.2	378.4	0.0	674.2
73.00	Bot - Section 3	0.3125	38.851	38.224	7,172.5	20.16	124.32	77.7	363.6	0.0	394.1
75.00		0.3125	38.336	37.714	6,889.1	19.87	122.68	78.0	353.9	0.0	441.8
78.50	Top - Section 2	0.2188	37.874	26.149	4,684.5	28.76	173.10	67.6	243.6	0.0	759.0
80.00		0.2188	37.488	25.882	4,542.0	28.45	171.33	67.9	238.6	0.0	132.8
85.00		0.2188	36.202	24.989	4,087.9	27.41	165.46	69.2	222.4	0.0	432.7
90.00		0.2188	34.916	24.096	3,665.1	26.38	159.58	70.4	206.7	0.0	417.6
95.00		0.2188	33.630	23.203	3,272.5	25.34	153.70	71.6	191.7	0.0	402.4
100.0		0.2188	32.344	22.310	2,909.0	24.30	147.83	72.8	177.1	0.0	387.2
105.0		0.2188	31.059	21.417	2,573.5	23.27	141.95	74.0	163.2	0.0	372.0
106.0		0.2188	30.801	21.238	2,509.6	23.06	140.77	74.3	160.5	0.0	72.6
110.0		0.2188	29.773	20.524	2,264.8	22.23	136.07	75.3	149.8	0.0	284.2
115.0		0.2188	28.487	19.631	1,981.9	21.19	130.20	76.5	137.0	0.0	341.6
118.0		0.2188	27.715	19.095	1,824.0	20.57	126.67	77.2	129.6	0.0	197.7
119.0		0.2188	27.458	18.916	1,773.3	20.36	125.49	77.4	127.2	0.0	64.7
											17,102.5

Load Case: 1.2D + 1.0W — 117 mph with No Ice — 19 Iterations

Gust Response Factor :1.10
Dead Load Factor :1.20
Wind Load Factor :1.00

Applied Segment Forces Summary

Seg Elev (ft)	Description	Shaft Forces Wind FX (lb)	Shaft Forces Dead Load (lb)	Discrete Forces Wind FX (lb)	Discrete Forces Torsion MY (lb-ft)	Discrete Forces Moment MZ (lb-ft)	Discrete Forces Dead Load (lb)	Linear Forces Wind FX (lb)	Linear Forces Dead Load (lb)	Sum of Forces Wind FX (lb)	Sum of Forces Dead Load (lb)	Sum of Forces Torsion MY (lb-ft)	Sum of Forces Moment MZ (lb)
0.00		216.3	0.0					0.0	0.0	216.3	0.0	0.0	0.0
5.00		427.7	1,134.9					0.0	80.1	427.7	1,215.0	0.0	0.0
10.00		417.8	1,108.9					0.0	80.1	417.8	1,189.0	0.0	0.0
15.00		407.9	1,082.8					0.0	80.1	407.9	1,162.9	0.0	0.0
20.00		398.1	1,056.8					0.0	80.1	398.1	1,136.9	0.0	0.0
25.00		388.2	1,030.7					0.0	80.1	388.2	1,110.8	0.0	0.0
30.00		382.8	1,004.7					0.0	80.1	382.8	1,084.8	0.0	0.0
35.00		210.5	978.7					0.0	80.1	210.5	1,058.8	0.0	0.0
35.50	Bot - Section 2	196.2	96.4					0.0	8.0	196.2	104.4	0.0	0.0
40.00		265.9	1,723.8					0.0	72.1	265.9	1,795.9	0.0	0.0
42.25	Top - Section 1	198.1	846.1					0.0	36.0	198.1	882.1	0.0	0.0
45.00		308.0	513.4					0.0	44.1	308.0	557.4	0.0	0.0
50.00		397.8	913.2					0.0	80.1	397.8	993.3	0.0	0.0
55.00		397.1	887.2					0.0	80.1	397.1	967.3	0.0	0.0
60.00		395.0	861.1					0.0	80.1	395.0	941.2	0.0	0.0
65.00		391.9	835.1					0.0	80.1	391.9	915.2	0.0	0.0
70.00		310.9	809.0					0.0	80.1	310.9	889.1	0.0	0.0
73.00	Bot - Section 3	193.5	472.9					0.0	48.1	193.5	521.0	0.0	0.0
75.00		212.4	530.2					0.0	32.0	212.4	562.2	0.0	0.0
78.50	Top - Section 2	192.1	910.8					0.0	56.1	192.1	966.9	0.0	0.0
80.00		246.3	159.3					0.0	24.0	246.3	183.4	0.0	0.0
85.00		374.4	519.3					0.0	80.1	374.4	599.4	0.0	0.0
90.00		367.1	501.1					0.0	80.1	367.1	581.2	0.0	0.0
95.00		359.1	482.8					0.0	80.1	359.1	562.9	0.0	0.0
100.00		350.5	464.6					0.0	80.1	350.5	544.7	0.0	0.0
105.00		207.0	446.4					0.0	80.1	207.0	526.5	0.0	0.0
106.00	Appurtenance(s)	168.2	87.1	2,580.2	0.0	0.0	3,744.0	0.0	16.0	2,748.4	3,847.1	0.0	0.0
110.00		297.5	341.1					0.0	28.0	297.5	369.0	0.0	0.0
115.00		258.7	409.9					0.0	35.0	258.7	444.9	0.0	0.0
118.00	Appurtenance(s)	126.8	237.2	1,000.6	0.0	0.0	3,000.0	0.0	21.0	1,127.4	3,258.2	0.0	0.0
119.00	Appurtenance(s)	31.4	77.6	4,229.4	0.0	-3,925.7	2,607.0	0.0	7.0	4,260.8	2,691.6	0.0	0.0
								Totals:		16,905.4	31,663.1	0.00	0.00

Load Case: 1.2D + 1.0W 117 mph with No Ice 19 Iterations

Gust Response Factor :1.10
Dead Load Factor :1.20
Wind Load Factor :1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-31.65	-16.71	0.00	-1,446.44	0.00	1,446.44	3,321.87	986.75	5,051.94	3,883.62	0.00	0.00	0.382
5.00	-30.41	-16.33	0.00	-1,362.87	0.00	1,362.87	3,288.72	964.36	4,825.36	3,757.16	0.05	-0.09	0.372
10.00	-29.20	-15.96	0.00	-1,281.22	0.00	1,281.22	3,253.61	941.98	4,603.98	3,630.29	0.19	-0.18	0.362
15.00	-28.01	-15.59	0.00	-1,201.44	0.00	1,201.44	3,216.54	919.60	4,387.80	3,503.16	0.42	-0.26	0.352
20.00	-26.85	-15.23	0.00	-1,123.50	0.00	1,123.50	3,177.52	897.21	4,176.81	3,375.93	0.75	-0.35	0.342
25.00	-25.72	-14.87	0.00	-1,047.38	0.00	1,047.38	3,136.53	874.83	3,971.03	3,248.74	1.17	-0.44	0.331
30.00	-24.62	-14.52	0.00	-973.03	0.00	973.03	3,093.58	852.45	3,770.44	3,121.77	1.68	-0.53	0.320
35.00	-23.55	-14.32	0.00	-900.45	0.00	900.45	3,048.68	830.06	3,575.05	2,995.16	2.29	-0.63	0.309
35.50	-23.44	-14.14	0.00	-893.29	0.00	893.29	3,044.08	827.82	3,555.80	2,982.53	2.35	-0.63	0.307
40.00	-21.63	-13.87	0.00	-829.67	0.00	829.67	3,001.81	807.68	3,384.86	2,869.08	2.99	-0.72	0.297
42.25	-20.74	-13.68	0.00	-798.46	0.00	798.46	3,003.54	808.49	3,391.62	2,873.61	3.34	-0.76	0.285
45.00	-20.17	-13.39	0.00	-760.84	0.00	760.84	2,976.96	796.17	3,289.13	2,804.53	3.79	-0.81	0.278
50.00	-19.16	-13.01	0.00	-693.89	0.00	693.89	2,927.13	773.79	3,106.81	2,679.53	4.69	-0.89	0.266
55.00	-18.18	-12.62	0.00	-628.87	0.00	628.87	2,875.34	751.41	2,929.68	2,555.45	5.67	-0.98	0.253
60.00	-17.23	-12.23	0.00	-565.77	0.00	565.77	2,821.60	729.02	2,757.76	2,432.44	6.74	-1.06	0.239
65.00	-16.31	-11.85	0.00	-504.61	0.00	504.61	2,765.89	706.64	2,591.03	2,310.67	7.90	-1.15	0.225
70.00	-15.41	-11.53	0.00	-445.38	0.00	445.38	2,708.22	684.26	2,429.50	2,190.28	9.15	-1.23	0.209
73.00	-14.89	-11.34	0.00	-410.77	0.00	410.77	2,672.68	670.83	2,335.08	2,118.77	9.94	-1.28	0.200
75.00	-14.32	-11.13	0.00	-388.09	0.00	388.09	2,648.59	661.87	2,273.17	2,071.43	10.48	-1.31	0.193
78.50	-13.35	-10.92	0.00	-349.15	0.00	349.15	1,590.36	458.92	1,560.74	1,234.68	11.46	-1.36	0.292
80.00	-13.16	-10.68	0.00	-332.78	0.00	332.78	1,582.58	454.22	1,528.93	1,215.98	11.89	-1.38	0.283
85.00	-12.56	-10.31	0.00	-279.36	0.00	279.36	1,555.39	438.55	1,425.25	1,153.62	13.39	-1.48	0.251
90.00	-11.97	-9.95	0.00	-227.79	0.00	227.79	1,526.24	422.88	1,325.22	1,091.30	14.99	-1.57	0.217
95.00	-11.41	-9.59	0.00	-178.04	0.00	178.04	1,495.12	407.20	1,228.82	1,029.18	16.67	-1.65	0.181
100.00	-10.86	-9.23	0.00	-130.10	0.00	130.10	1,462.05	391.53	1,136.06	967.43	18.44	-1.71	0.142
105.00	-10.34	-9.02	0.00	-83.93	0.00	83.93	1,427.02	375.86	1,046.94	906.20	20.26	-1.77	0.100
106.00	-6.57	-6.15	0.00	-74.91	0.00	74.91	1,419.78	372.73	1,029.56	894.03	20.63	-1.77	0.089
110.00	-6.21	-5.85	0.00	-50.30	0.00	50.30	1,390.04	360.19	961.47	845.65	22.13	-1.80	0.064
115.00	-5.77	-5.58	0.00	-21.07	0.00	21.07	1,351.09	344.52	879.63	785.93	24.03	-1.83	0.031
118.00	-2.55	-4.34	0.00	-4.34	0.00	4.34	1,326.78	335.11	832.27	750.56	25.18	-1.83	0.008
119.00	0.00	-4.26	0.00	0.00	0.00	0.00	1,318.52	331.98	816.78	738.86	25.57	-1.83	0.000

Load Case: 0.9D + 1.0W — 117 mph with No Ice (Reduced DL) — 19 Iterations

Gust Response Factor :1.10
Dead Load Factor :0.90
Wind Load Factor :1.00

Applied Segment Forces Summary

Seg Elev (ft)	Description	Shaft Forces Wind FX (lb)	Shaft Forces Dead Load (lb)	Discrete Forces Wind FX (lb)	Discrete Forces Torsion MY (lb-ft)	Discrete Forces Moment MZ (lb-ft)	Discrete Forces Dead Load (lb)	Linear Forces Wind FX (lb)	Linear Forces Dead Load (lb)	Sum of Forces Wind FX (lb)	Sum of Forces Dead Load (lb)	Sum of Forces Torsion MY (lb-ft)	Sum of Forces Moment MZ (lb)
0.00		216.3	0.0					0.0	0.0	216.3	0.0	0.0	0.0
5.00		427.7	851.2					0.0	60.1	427.7	911.3	0.0	0.0
10.00		417.8	831.6					0.0	60.1	417.8	891.7	0.0	0.0
15.00		407.9	812.1					0.0	60.1	407.9	872.2	0.0	0.0
20.00		398.1	792.6					0.0	60.1	398.1	852.7	0.0	0.0
25.00		388.2	773.1					0.0	60.1	388.2	833.1	0.0	0.0
30.00		382.8	753.5					0.0	60.1	382.8	813.6	0.0	0.0
35.00		210.5	734.0					0.0	60.1	210.5	794.1	0.0	0.0
35.50	Bot - Section 2	196.2	72.3					0.0	6.0	196.2	78.3	0.0	0.0
40.00		265.9	1,292.8					0.0	54.1	265.9	1,346.9	0.0	0.0
42.25	Top - Section 1	198.1	634.6					0.0	27.0	198.1	661.6	0.0	0.0
45.00		308.0	385.0					0.0	33.0	308.0	418.1	0.0	0.0
50.00		397.8	684.9					0.0	60.1	397.8	745.0	0.0	0.0
55.00		397.1	665.4					0.0	60.1	397.1	725.4	0.0	0.0
60.00		395.0	645.8					0.0	60.1	395.0	705.9	0.0	0.0
65.00		391.9	626.3					0.0	60.1	391.9	686.4	0.0	0.0
70.00		310.9	606.8					0.0	60.1	310.9	666.9	0.0	0.0
73.00	Bot - Section 3	193.5	354.7					0.0	36.0	193.5	390.7	0.0	0.0
75.00		212.4	397.6					0.0	24.0	212.4	421.7	0.0	0.0
78.50	Top - Section 2	192.1	683.1					0.0	42.1	192.1	725.1	0.0	0.0
80.00		246.3	119.5					0.0	18.0	246.3	137.5	0.0	0.0
85.00		374.4	389.5					0.0	60.1	374.4	449.5	0.0	0.0
90.00		367.1	375.8					0.0	60.1	367.1	435.9	0.0	0.0
95.00		359.1	362.1					0.0	60.1	359.1	422.2	0.0	0.0
100.00		350.5	348.5					0.0	60.1	350.5	408.5	0.0	0.0
105.00		207.0	334.8					0.0	60.1	207.0	394.9	0.0	0.0
106.00	Appurtenance(s)	168.2	65.3	2,580.2	0.0	0.0	2,808.0	0.0	12.0	2,748.4	2,885.3	0.0	0.0
110.00		297.5	255.8					0.0	21.0	297.5	276.8	0.0	0.0
115.00		258.7	307.4					0.0	26.2	258.7	333.7	0.0	0.0
118.00	Appurtenance(s)	126.8	177.9	1,000.6	0.0	0.0	2,250.0	0.0	15.7	1,127.4	2,443.6	0.0	0.0
119.00	Appurtenance(s)	31.4	58.2	4,229.4	0.0	-3,925.7	1,955.2	0.0	5.2	4,260.8	2,018.7	0.0	0.0
								Totals:		16,905.4	23,747.3	0.00	0.00

Load Case: 0.9D + 1.0W 117 mph with No Ice (Reduced DL) 19 Iterations

Gust Response Factor :1.10
Dead Load Factor :0.90
Wind Load Factor :1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-23.73	-16.71	0.00	-1,438.58	0.00	1,438.58	3,321.87	986.75	5,051.94	3,883.62	0.00	0.00	0.378
5.00	-22.80	-16.31	0.00	-1,355.05	0.00	1,355.05	3,288.72	964.36	4,825.36	3,757.16	0.05	-0.09	0.368
10.00	-21.88	-15.93	0.00	-1,273.48	0.00	1,273.48	3,253.61	941.98	4,603.98	3,630.29	0.19	-0.17	0.358
15.00	-20.99	-15.55	0.00	-1,193.84	0.00	1,193.84	3,216.54	919.60	4,387.80	3,503.16	0.42	-0.26	0.348
20.00	-20.11	-15.18	0.00	-1,116.10	0.00	1,116.10	3,177.52	897.21	4,176.81	3,375.93	0.74	-0.35	0.337
25.00	-19.26	-14.81	0.00	-1,040.22	0.00	1,040.22	3,136.53	874.83	3,971.03	3,248.74	1.16	-0.44	0.327
30.00	-18.43	-14.45	0.00	-966.15	0.00	966.15	3,093.58	852.45	3,770.44	3,121.77	1.67	-0.53	0.316
35.00	-17.62	-14.25	0.00	-893.89	0.00	893.89	3,048.68	830.06	3,575.05	2,995.16	2.27	-0.62	0.305
35.50	-17.54	-14.07	0.00	-886.77	0.00	886.77	3,044.08	827.82	3,555.80	2,982.53	2.34	-0.63	0.303
40.00	-16.18	-13.80	0.00	-823.47	0.00	823.47	3,001.81	807.68	3,384.86	2,869.08	2.97	-0.71	0.293
42.25	-15.51	-13.61	0.00	-792.42	0.00	792.42	3,003.54	808.49	3,391.62	2,873.61	3.32	-0.75	0.281
45.00	-15.08	-13.31	0.00	-754.99	0.00	754.99	2,976.96	796.17	3,289.13	2,804.53	3.77	-0.80	0.275
50.00	-14.32	-12.92	0.00	-688.44	0.00	688.44	2,927.13	773.79	3,106.81	2,679.53	4.66	-0.89	0.262
55.00	-13.58	-12.54	0.00	-623.82	0.00	623.82	2,875.34	751.41	2,929.68	2,555.45	5.63	-0.97	0.249
60.00	-12.87	-12.15	0.00	-561.14	0.00	561.14	2,821.60	729.02	2,757.76	2,432.44	6.70	-1.06	0.236
65.00	-12.17	-11.76	0.00	-500.41	0.00	500.41	2,765.89	706.64	2,591.03	2,310.67	7.85	-1.14	0.221
70.00	-11.50	-11.45	0.00	-441.61	0.00	441.61	2,708.22	684.26	2,429.50	2,190.28	9.09	-1.22	0.206
73.00	-11.10	-11.25	0.00	-407.27	0.00	407.27	2,672.68	670.83	2,335.08	2,118.77	9.87	-1.27	0.197
75.00	-10.68	-11.04	0.00	-384.76	0.00	384.76	2,648.59	661.87	2,273.17	2,071.43	10.41	-1.30	0.190
78.50	-9.95	-10.84	0.00	-346.13	0.00	346.13	1,590.36	458.92	1,560.74	1,234.68	11.38	-1.35	0.287
80.00	-9.81	-10.60	0.00	-329.87	0.00	329.87	1,582.58	454.22	1,528.93	1,215.98	11.81	-1.37	0.278
85.00	-9.35	-10.23	0.00	-276.89	0.00	276.89	1,555.39	438.55	1,425.25	1,153.62	13.30	-1.47	0.247
90.00	-8.91	-9.86	0.00	-225.75	0.00	225.75	1,526.24	422.88	1,325.22	1,091.30	14.88	-1.56	0.213
95.00	-8.49	-9.50	0.00	-176.45	0.00	176.45	1,495.12	407.20	1,228.82	1,029.18	16.56	-1.63	0.178
100.00	-8.08	-9.15	0.00	-128.94	0.00	128.94	1,462.05	391.53	1,136.06	967.43	18.31	-1.70	0.139
105.00	-7.69	-8.93	0.00	-83.20	0.00	83.20	1,427.02	375.86	1,046.94	906.20	20.12	-1.75	0.098
106.00	-4.89	-6.10	0.00	-74.27	0.00	74.27	1,419.78	372.73	1,029.56	894.03	20.49	-1.76	0.087
110.00	-4.62	-5.79	0.00	-49.88	0.00	49.88	1,390.04	360.19	961.47	845.65	21.97	-1.79	0.063
115.00	-4.29	-5.53	0.00	-20.90	0.00	20.90	1,351.09	344.52	879.63	785.93	23.86	-1.81	0.030
118.00	-1.88	-4.32	0.00	-4.32	0.00	4.32	1,326.78	335.11	832.27	750.56	25.00	-1.82	0.007
119.00	0.00	-4.26	0.00	0.00	0.00	0.00	1,318.52	331.98	816.78	738.86	25.38	-1.82	0.000

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph with 1.00 in Radial Ice 18 Iterations

Gust Response Factor :1.10 Ice Dead Load Factor :1.00
Dead Load Factor :1.20 Ice Importance Factor :1.00
Wind Load Factor :1.00

Applied Segment Forces Summary

		Shaft Forces		Discrete Forces				Linear Forces		Sum of Forces			
Seg Elev (ft)	Description	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		66.7	0.0					0.0	0.0	66.7	0.0	0.0	0.0
5.00		132.1	1,408.3					0.0	80.1	132.1	1,488.4	0.0	0.0
10.00		129.4	1,407.6					0.0	80.1	129.4	1,487.7	0.0	0.0
15.00		126.7	1,390.1					0.0	80.1	126.7	1,470.2	0.0	0.0
20.00		123.8	1,367.2					0.0	80.1	123.8	1,447.3	0.0	0.0
25.00		121.0	1,341.5					0.0	80.1	121.0	1,421.6	0.0	0.0
30.00		119.5	1,313.9					0.0	80.1	119.5	1,394.0	0.0	0.0
35.00		65.7	1,285.2					0.0	80.1	65.7	1,365.3	0.0	0.0
35.50	Bot - Section 2	61.3	127.3					0.0	8.0	61.3	135.3	0.0	0.0
40.00		83.2	2,000.1					0.0	72.1	83.2	2,072.2	0.0	0.0
42.25	Top - Section 1	62.1	983.8					0.0	36.0	62.1	1,019.8	0.0	0.0
45.00		96.6	680.2					0.0	44.1	96.6	724.2	0.0	0.0
50.00		124.9	1,210.8					0.0	80.1	124.9	1,290.9	0.0	0.0
55.00		124.9	1,179.4					0.0	80.1	124.9	1,259.5	0.0	0.0
60.00		124.5	1,147.5					0.0	80.1	124.5	1,227.6	0.0	0.0
65.00		123.7	1,115.4					0.0	80.1	123.7	1,195.5	0.0	0.0
70.00		98.3	1,082.9					0.0	80.1	98.3	1,163.0	0.0	0.0
73.00	Bot - Section 3	61.3	635.1					0.0	48.1	61.3	683.1	0.0	0.0
75.00		67.3	638.5					0.0	32.0	67.3	670.5	0.0	0.0
78.50	Top - Section 2	60.9	1,096.7					0.0	56.1	60.9	1,152.8	0.0	0.0
80.00		78.2	238.5					0.0	24.0	78.2	262.5	0.0	0.0
85.00		119.1	775.3					0.0	80.1	119.1	855.4	0.0	0.0
90.00		117.1	749.8					0.0	80.1	117.1	829.9	0.0	0.0
95.00		114.8	724.0					0.0	80.1	114.8	804.1	0.0	0.0
100.00		112.4	698.2					0.0	80.1	112.4	778.3	0.0	0.0
105.00		66.5	672.1					0.0	80.1	66.5	752.2	0.0	0.0
106.00	Appurtenance(s)	54.2	132.0	619.6	0.0	0.0	5,280.9	0.0	16.0	673.8	5,429.0	0.0	0.0
110.00		96.0	515.4					0.0	28.0	96.0	543.3	0.0	0.0
115.00		83.7	619.6					0.0	35.0	83.7	654.6	0.0	0.0
118.00	Appurtenance(s)	41.1	360.2	289.7	0.0	0.0	3,822.5	0.0	21.0	330.8	4,203.7	0.0	0.0
119.00	Appurtenance(s)	10.2	118.3	921.1	0.0	-850.2	5,201.8	0.0	7.0	931.3	5,327.1	0.0	0.0
								Totals:		4,697.48	43,108.9	0.00	0.00

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph with 1.00 in Radial Ice 18 Iterations

Gust Response Factor :1.10 Ice Dead Load Factor :1.00
Dead Load Factor :1.20 Ice Importance Factor :1.00
Wind Load Factor :1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-43.11	-4.64	0.00	-386.78	0.00	386.78	3,321.87	986.75	5,051.94	3,883.62	0.00	0.00	0.113
5.00	-41.62	-4.52	0.00	-363.59	0.00	363.59	3,288.72	964.36	4,825.36	3,757.16	0.01	-0.02	0.109
10.00	-40.13	-4.41	0.00	-340.97	0.00	340.97	3,253.61	941.98	4,603.98	3,630.29	0.05	-0.05	0.106
15.00	-38.66	-4.30	0.00	-318.92	0.00	318.92	3,216.54	919.60	4,387.80	3,503.16	0.11	-0.07	0.103
20.00	-37.21	-4.19	0.00	-297.44	0.00	297.44	3,177.52	897.21	4,176.81	3,375.93	0.20	-0.09	0.100
25.00	-35.78	-4.08	0.00	-276.50	0.00	276.50	3,136.53	874.83	3,971.03	3,248.74	0.31	-0.12	0.097
30.00	-34.39	-3.97	0.00	-256.11	0.00	256.11	3,093.58	852.45	3,770.44	3,121.77	0.45	-0.14	0.093
35.00	-33.02	-3.91	0.00	-236.26	0.00	236.26	3,048.68	830.06	3,575.05	2,995.16	0.61	-0.17	0.090
35.50	-32.89	-3.85	0.00	-234.30	0.00	234.30	3,044.08	827.82	3,555.80	2,982.53	0.63	-0.17	0.089
40.00	-30.81	-3.77	0.00	-216.96	0.00	216.96	3,001.81	807.68	3,384.86	2,869.08	0.79	-0.19	0.086
42.25	-29.79	-3.71	0.00	-208.48	0.00	208.48	3,003.54	808.49	3,391.62	2,873.61	0.89	-0.20	0.082
45.00	-29.07	-3.62	0.00	-198.27	0.00	198.27	2,976.96	796.17	3,289.13	2,804.53	1.01	-0.21	0.080
50.00	-27.78	-3.50	0.00	-180.15	0.00	180.15	2,927.13	773.79	3,106.81	2,679.53	1.24	-0.24	0.077
55.00	-26.52	-3.38	0.00	-162.63	0.00	162.63	2,875.34	751.41	2,929.68	2,555.45	1.50	-0.26	0.073
60.00	-25.29	-3.26	0.00	-145.72	0.00	145.72	2,821.60	729.02	2,757.76	2,432.44	1.78	-0.28	0.069
65.00	-24.09	-3.14	0.00	-129.40	0.00	129.40	2,765.89	706.64	2,591.03	2,310.67	2.09	-0.30	0.065
70.00	-22.93	-3.04	0.00	-113.69	0.00	113.69	2,708.22	684.26	2,429.50	2,190.28	2.42	-0.32	0.060
73.00	-22.25	-2.98	0.00	-104.56	0.00	104.56	2,672.68	670.83	2,335.08	2,118.77	2.62	-0.33	0.058
75.00	-21.58	-2.92	0.00	-98.59	0.00	98.59	2,648.59	661.87	2,273.17	2,071.43	2.76	-0.34	0.056
78.50	-20.42	-2.85	0.00	-88.39	0.00	88.39	1,590.36	458.92	1,560.74	1,234.68	3.02	-0.36	0.084
80.00	-20.16	-2.78	0.00	-84.11	0.00	84.11	1,582.58	454.22	1,528.93	1,215.98	3.13	-0.36	0.082
85.00	-19.30	-2.66	0.00	-70.23	0.00	70.23	1,555.39	438.55	1,425.25	1,153.62	3.52	-0.39	0.073
90.00	-18.47	-2.54	0.00	-56.93	0.00	56.93	1,526.24	422.88	1,325.22	1,091.30	3.94	-0.41	0.064
95.00	-17.67	-2.43	0.00	-44.21	0.00	44.21	1,495.12	407.20	1,228.82	1,029.18	4.38	-0.43	0.055
100.00	-16.89	-2.31	0.00	-32.07	0.00	32.07	1,462.05	391.53	1,136.06	967.43	4.84	-0.44	0.045
105.00	-16.14	-2.24	0.00	-20.50	0.00	20.50	1,427.02	375.86	1,046.94	906.20	5.31	-0.46	0.034
106.00	-10.72	-1.53	0.00	-18.25	0.00	18.25	1,419.78	372.73	1,029.56	894.03	5.40	-0.46	0.028
110.00	-10.17	-1.43	0.00	-12.14	0.00	12.14	1,390.04	360.19	961.47	845.65	5.79	-0.47	0.022
115.00	-9.52	-1.34	0.00	-5.00	0.00	5.00	1,351.09	344.52	879.63	785.93	6.28	-0.47	0.013
118.00	-5.32	-0.98	0.00	-0.98	0.00	0.98	1,326.78	335.11	832.27	750.56	6.58	-0.47	0.005
119.00	0.00	-0.93	0.00	0.00	0.00	0.00	1,318.52	331.98	816.78	738.86	6.68	-0.47	0.000

Load Case: 1.0D + 1.0W Serviceability 60 mph 18 Iterations

Gust Response Factor :1.10
Dead Load Factor :1.00
Wind Load Factor :1.00

Applied Segment Forces Summary

		Shaft Forces		Discrete Forces				Linear Forces		Sum of Forces			
Seg Elev (ft)	Description	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		50.9	0.0					0.0	0.0	50.9	0.0	0.0	0.0
5.00		100.6	945.8					0.0	66.7	100.6	1,012.5	0.0	0.0
10.00		98.3	924.1					0.0	66.7	98.3	990.8	0.0	0.0
15.00		96.0	902.4					0.0	66.7	96.0	969.1	0.0	0.0
20.00		93.7	880.7					0.0	66.7	93.7	947.4	0.0	0.0
25.00		91.3	859.0					0.0	66.7	91.3	925.7	0.0	0.0
30.00		90.1	837.3					0.0	66.7	90.1	904.0	0.0	0.0
35.00		49.5	815.6					0.0	66.7	49.5	882.3	0.0	0.0
35.50	Bot - Section 2	46.2	80.4					0.0	6.7	46.2	87.0	0.0	0.0
40.00		62.6	1,436.5					0.0	60.1	62.6	1,496.6	0.0	0.0
42.25	Top - Section 1	46.6	705.1					0.0	30.0	46.6	735.1	0.0	0.0
45.00		72.5	427.8					0.0	36.7	72.5	464.5	0.0	0.0
50.00		93.6	761.0					0.0	66.7	93.6	827.8	0.0	0.0
55.00		93.4	739.3					0.0	66.7	93.4	806.1	0.0	0.0
60.00		93.0	717.6					0.0	66.7	93.0	784.4	0.0	0.0
65.00		92.2	695.9					0.0	66.7	92.2	762.7	0.0	0.0
70.00		73.2	674.2					0.0	66.7	73.2	741.0	0.0	0.0
73.00	Bot - Section 3	45.5	394.1					0.0	40.0	45.5	434.2	0.0	0.0
75.00		50.0	441.8					0.0	26.7	50.0	468.5	0.0	0.0
78.50	Top - Section 2	45.2	759.0					0.0	46.7	45.2	805.7	0.0	0.0
80.00		58.0	132.8					0.0	20.0	58.0	152.8	0.0	0.0
85.00		88.1	432.7					0.0	66.7	88.1	499.5	0.0	0.0
90.00		86.4	417.6					0.0	66.7	86.4	484.3	0.0	0.0
95.00		84.5	402.4					0.0	66.7	84.5	469.1	0.0	0.0
100.00		82.5	387.2					0.0	66.7	82.5	453.9	0.0	0.0
105.00		48.7	372.0					0.0	66.7	48.7	438.7	0.0	0.0
106.00	Appurtenance(s)	39.6	72.6	607.1	0.0	0.0	3,120.0	0.0	13.3	646.7	3,205.9	0.0	0.0
110.00		70.0	284.2					0.0	23.3	70.0	307.5	0.0	0.0
115.00		60.9	341.6					0.0	29.1	60.9	370.7	0.0	0.0
118.00	Appurtenance(s)	29.8	197.7	235.4	0.0	0.0	2,500.0	0.0	17.5	265.3	2,715.2	0.0	0.0
119.00	Appurtenance(s)	7.4	64.7	995.2	0.0	-923.7	2,172.5	0.0	5.8	1,002.6	2,243.0	0.0	0.0
									Totals:	3,977.88	26,385.9	0.00	0.00

Load Case: 1.0D + 1.0W Serviceability 60 mph 18 Iterations

Gust Response Factor :1.10
Dead Load Factor :1.00
Wind Load Factor :1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-26.39	-3.93	0.00	-339.12	0.00	339.12	3,321.87	986.75	5,051.94	3,883.62	0.00	0.00	0.095
5.00	-25.37	-3.84	0.00	-319.46	0.00	319.46	3,288.72	964.36	4,825.36	3,757.16	0.01	-0.02	0.093
10.00	-24.38	-3.75	0.00	-300.27	0.00	300.27	3,253.61	941.98	4,603.98	3,630.29	0.04	-0.04	0.090
15.00	-23.41	-3.66	0.00	-281.52	0.00	281.52	3,216.54	919.60	4,387.80	3,503.16	0.10	-0.06	0.088
20.00	-22.46	-3.57	0.00	-263.21	0.00	263.21	3,177.52	897.21	4,176.81	3,375.93	0.17	-0.08	0.085
25.00	-21.53	-3.49	0.00	-245.34	0.00	245.34	3,136.53	874.83	3,971.03	3,248.74	0.27	-0.10	0.082
30.00	-20.63	-3.41	0.00	-227.89	0.00	227.89	3,093.58	852.45	3,770.44	3,121.77	0.39	-0.13	0.080
35.00	-19.75	-3.36	0.00	-210.87	0.00	210.87	3,048.68	830.06	3,575.05	2,995.16	0.54	-0.15	0.077
35.50	-19.66	-3.32	0.00	-209.19	0.00	209.19	3,044.08	827.82	3,555.80	2,982.53	0.55	-0.15	0.077
40.00	-18.16	-3.25	0.00	-194.27	0.00	194.27	3,001.81	807.68	3,384.86	2,869.08	0.70	-0.17	0.074
42.25	-17.43	-3.21	0.00	-186.95	0.00	186.95	3,003.54	808.49	3,391.62	2,873.61	0.78	-0.18	0.071
45.00	-16.96	-3.14	0.00	-178.13	0.00	178.13	2,976.96	796.17	3,289.13	2,804.53	0.89	-0.19	0.069
50.00	-16.13	-3.05	0.00	-162.44	0.00	162.44	2,927.13	773.79	3,106.81	2,679.53	1.10	-0.21	0.066
55.00	-15.32	-2.96	0.00	-147.20	0.00	147.20	2,875.34	751.41	2,929.68	2,555.45	1.33	-0.23	0.063
60.00	-14.54	-2.86	0.00	-132.42	0.00	132.42	2,821.60	729.02	2,757.76	2,432.44	1.58	-0.25	0.060
65.00	-13.78	-2.77	0.00	-118.10	0.00	118.10	2,765.89	706.64	2,591.03	2,310.67	1.85	-0.27	0.056
70.00	-13.04	-2.70	0.00	-104.23	0.00	104.23	2,708.22	684.26	2,429.50	2,190.28	2.14	-0.29	0.052
73.00	-12.60	-2.65	0.00	-96.13	0.00	96.13	2,672.68	670.83	2,335.08	2,118.77	2.33	-0.30	0.050
75.00	-12.13	-2.60	0.00	-90.82	0.00	90.82	2,648.59	661.87	2,273.17	2,071.43	2.45	-0.31	0.048
78.50	-11.33	-2.56	0.00	-81.70	0.00	81.70	1,590.36	458.92	1,560.74	1,234.68	2.68	-0.32	0.073
80.00	-11.17	-2.50	0.00	-77.87	0.00	77.87	1,582.58	454.22	1,528.93	1,215.98	2.78	-0.32	0.071
85.00	-10.67	-2.41	0.00	-65.36	0.00	65.36	1,555.39	438.55	1,425.25	1,153.62	3.14	-0.35	0.064
90.00	-10.19	-2.33	0.00	-53.30	0.00	53.30	1,526.24	422.88	1,325.22	1,091.30	3.51	-0.37	0.056
95.00	-9.72	-2.24	0.00	-41.66	0.00	41.66	1,495.12	407.20	1,228.82	1,029.18	3.91	-0.39	0.047
100.00	-9.27	-2.16	0.00	-30.44	0.00	30.44	1,462.05	391.53	1,136.06	967.43	4.32	-0.40	0.038
105.00	-8.83	-2.11	0.00	-19.64	0.00	19.64	1,427.02	375.86	1,046.94	906.20	4.75	-0.41	0.028
106.00	-5.63	-1.44	0.00	-17.53	0.00	17.53	1,419.78	372.73	1,029.56	894.03	4.83	-0.42	0.024
110.00	-5.32	-1.37	0.00	-11.77	0.00	11.77	1,390.04	360.19	961.47	845.65	5.18	-0.42	0.018
115.00	-4.95	-1.30	0.00	-4.93	0.00	4.93	1,351.09	344.52	879.63	785.93	5.63	-0.43	0.010
118.00	-2.24	-1.02	0.00	-1.02	0.00	1.02	1,326.78	335.11	832.27	750.56	5.90	-0.43	0.003
119.00	0.00	-1.00	0.00	0.00	0.00	0.00	1,318.52	331.98	816.78	738.86	5.99	-0.43	0.000

Equivalent Lateral Forces Method Analysis

Spectral Response Acceleration for Short Period (S_s):	0.20	
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.05	
Long-Period Transition Period (T_L):	6	
Importance Factor (I_E):	1.00	
Site Coefficient F_a:	1.60	
Site Coeffiecient F_v:	2.40	
Response Modification Coefficient (R):	1.50	
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.21	
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.09	
Seismic Response Coefficient (C_s):	0.04	
Upper Limit C_s	0.04	
Lower Limit C_s	0.03	
Period based on Rayleigh Method (sec):	1.51	
Redundancy Factor (p):	1.00	
Seismic Force Distribution Exponent (k):	1.50	
Total Unfactored Dead Load:	26.39	k
Seismic Base Shear (E):	1.01	k

Load Case 1.2D + 1.0Ev + 1.0Eh Seismic

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
30	118.50	71	93	0.005	5	88
29	116.50	215	275	0.016	16	267
28	112.50	371	450	0.026	26	460
27	108.00	308	351	0.020	21	382
26	105.50	86	95	0.006	6	107
25	102.50	439	463	0.027	27	545
24	97.50	454	444	0.026	26	564
23	92.50	469	424	0.025	25	583
22	87.50	484	403	0.023	24	601
21	82.50	499	380	0.022	22	620
20	79.25	153	110	0.006	6	190
19	76.75	806	550	0.032	32	1,001
18	74.00	469	303	0.018	18	582
17	71.50	434	267	0.016	16	539
16	67.50	741	417	0.024	25	920
15	62.50	763	383	0.022	22	947
14	57.50	784	347	0.020	20	974
13	52.50	806	311	0.018	18	1,001
12	47.50	828	275	0.016	16	1,028
11	43.63	465	136	0.008	8	577
10	41.13	735	196	0.011	12	913
9	37.75	1,497	352	0.020	21	1,858
8	35.25	87	18	0.001	1	108
7	32.50	882	166	0.010	10	1,096
6	27.50	904	132	0.008	8	1,123

5	22.50	926	100	0.006	6	1,150
4	17.50	947	70	0.004	4	1,177
3	12.50	969	43	0.003	3	1,203
2	7.50	991	20	0.001	1	1,230
1	2.50	1,013	4	0.000	0	1,257
Raycap DC6-48-60-18-	119.00	80	106	0.006	6	99
Ericsson RRUS 4478 B	119.00	178	235	0.014	14	221
Ericsson RRUS 32 (50	119.00	152	201	0.012	12	189
Ericsson RRUS 32 B66	119.00	152	201	0.012	12	189
Ericsson RRUS 32 B2	119.00	159	210	0.012	12	197
Ericsson RRUS-11	119.00	495	654	0.038	38	615
CCI HPA-65R-BUU-H8	119.00	612	808	0.047	47	760
Kathrein Scala 80010	119.00	344	454	0.026	27	427
Generic Round Platfo	118.00	2,500	3,260	0.190	191	3,105
Commscope CBC78T-DS-	106.00	62	69	0.004	4	77
Samsung B5/B13 RRH-B	106.00	211	234	0.014	14	262
Samsung B2/B66A RRH-	106.00	253	281	0.016	17	314
Raycap RCMDC-6627-PF	106.00	64	71	0.004	4	79
Samsung MT6407-77A	106.00	245	272	0.016	16	304
Commscope JAHH-65B-R	106.00	242	269	0.016	16	301
Commscope JAHH-45B-R	106.00	168	186	0.011	11	208
Generic Round Low Pr	106.00	1,875	2,081	0.121	122	2,328
		26,386	17,171	1.000	1,008	32,766

Load Case 0.9D - 1.0Ev + 1.0Eh Seismic (Reduced DL)

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
30	118.50	71	93	0.005	5	61
29	116.50	215	275	0.016	16	185
28	112.50	371	450	0.026	26	318
27	108.00	308	351	0.020	21	264
26	105.50	86	95	0.006	6	74
25	102.50	439	463	0.027	27	377
24	97.50	454	444	0.026	26	390
23	92.50	469	424	0.025	25	403
22	87.50	484	403	0.023	24	416
21	82.50	499	380	0.022	22	429
20	79.25	153	110	0.006	6	131
19	76.75	806	550	0.032	32	691
18	74.00	469	303	0.018	18	402
17	71.50	434	267	0.016	16	373
16	67.50	741	417	0.024	25	636
15	62.50	763	383	0.022	22	654
14	57.50	784	347	0.020	20	673
13	52.50	806	311	0.018	18	692
12	47.50	828	275	0.016	16	710
11	43.63	465	136	0.008	8	399
10	41.13	735	196	0.011	12	631
9	37.75	1,497	352	0.020	21	1,284
8	35.25	87	18	0.001	1	75
7	32.50	882	166	0.010	10	757
6	27.50	904	132	0.008	8	776
5	22.50	926	100	0.006	6	794
4	17.50	947	70	0.004	4	813
3	12.50	969	43	0.003	3	832
2	7.50	991	20	0.001	1	850
1	2.50	1,013	4	0.000	0	869
Raycap DC6-48-60-18-	119.00	80	106	0.006	6	69
Ericsson RRUS 4478 B	119.00	178	235	0.014	14	153
Ericsson RRUS 32 (50	119.00	152	201	0.012	12	131

Ericsson RRUS 32 B66	119.00	152	201	0.012	12	131
Ericsson RRUS 32 B2	119.00	159	210	0.012	12	136
Ericsson RRUS-11	119.00	495	654	0.038	38	425
CCI HPA-65R-BUU-H8	119.00	612	808	0.047	47	525
Kathrein Scala 80010	119.00	344	454	0.026	27	295
Generic Round Platfo	118.00	2,500	3,260	0.190	191	2,145
Commscope CBC78T-DS-	106.00	62	69	0.004	4	53
Samsung B5/B13 RRH-B	106.00	211	234	0.014	14	181
Samsung B2/B66A RRH-	106.00	253	281	0.016	17	217
Raycap RCMDC-6627-PF	106.00	64	71	0.004	4	55
Samsung MT6407-77A	106.00	245	272	0.016	16	210
Commscope JAHH-65B-R	106.00	242	269	0.016	16	208
Commscope JAHH-45B-R	106.00	168	186	0.011	11	144
Generic Round Low Pr	106.00	1,875	2,081	0.121	122	1,609
		26,386	17,171	1.000	1,008	22,644

Load Case 1.2D + 1.0Ev + 1.0Eh Seismic

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-31.51	-1.01	0.00	-98.96	0.00	98.96	3,321.87	986.75	5,051.94	3,883.62	0.00	0.00	0.035
5.00	-30.28	-1.01	0.00	-93.91	0.00	93.91	3,288.72	964.36	4,825.36	3,757.16	0.00	-0.01	0.034
10.00	-29.07	-1.01	0.00	-88.86	0.00	88.86	3,253.61	941.98	4,603.98	3,630.29	0.01	-0.01	0.033
15.00	-27.90	-1.01	0.00	-83.80	0.00	83.80	3,216.54	919.60	4,387.80	3,503.16	0.03	-0.02	0.033
20.00	-26.75	-1.01	0.00	-78.75	0.00	78.75	3,177.52	897.21	4,176.81	3,375.93	0.05	-0.02	0.032
25.00	-25.63	-1.00	0.00	-73.72	0.00	73.72	3,136.53	874.83	3,971.03	3,248.74	0.08	-0.03	0.031
30.00	-24.53	-0.99	0.00	-68.71	0.00	68.71	3,093.58	852.45	3,770.44	3,121.77	0.12	-0.04	0.030
35.00	-24.42	-0.99	0.00	-63.75	0.00	63.75	3,048.68	830.06	3,575.05	2,995.16	0.16	-0.04	0.029
35.50	-22.56	-0.97	0.00	-63.25	0.00	63.25	3,044.08	827.82	3,555.80	2,982.53	0.16	-0.04	0.029
40.00	-21.65	-0.96	0.00	-58.87	0.00	58.87	3,001.81	807.68	3,384.86	2,869.08	0.21	-0.05	0.028
42.25	-21.07	-0.96	0.00	-56.71	0.00	56.71	3,003.54	808.49	3,391.62	2,873.61	0.23	-0.05	0.027
45.00	-20.05	-0.94	0.00	-54.08	0.00	54.08	2,976.96	796.17	3,289.13	2,804.53	0.26	-0.06	0.026
50.00	-19.04	-0.92	0.00	-49.38	0.00	49.38	2,927.13	773.79	3,106.81	2,679.53	0.33	-0.06	0.025
55.00	-18.07	-0.90	0.00	-44.77	0.00	44.77	2,875.34	751.41	2,929.68	2,555.45	0.40	-0.07	0.024
60.00	-17.12	-0.88	0.00	-40.26	0.00	40.26	2,821.60	729.02	2,757.76	2,432.44	0.47	-0.07	0.023
65.00	-16.20	-0.86	0.00	-35.85	0.00	35.85	2,765.89	706.64	2,591.03	2,310.67	0.55	-0.08	0.021
70.00	-15.66	-0.84	0.00	-31.57	0.00	31.57	2,708.22	684.26	2,429.50	2,190.28	0.64	-0.09	0.020
73.00	-15.08	-0.82	0.00	-29.04	0.00	29.04	2,672.68	670.83	2,335.08	2,118.77	0.70	-0.09	0.019
75.00	-14.08	-0.79	0.00	-27.39	0.00	27.39	2,648.59	661.87	2,273.17	2,071.43	0.73	-0.09	0.019
78.50	-13.89	-0.78	0.00	-24.63	0.00	24.63	1,590.36	458.92	1,560.74	1,234.68	0.80	-0.10	0.029
80.00	-13.27	-0.76	0.00	-23.45	0.00	23.45	1,582.58	454.22	1,528.93	1,215.98	0.83	-0.10	0.028
85.00	-12.67	-0.74	0.00	-19.64	0.00	19.64	1,555.39	438.55	1,425.25	1,153.62	0.94	-0.10	0.025
90.00	-12.09	-0.71	0.00	-15.94	0.00	15.94	1,526.24	422.88	1,325.22	1,091.30	1.05	-0.11	0.023
95.00	-11.52	-0.69	0.00	-12.37	0.00	12.37	1,495.12	407.20	1,228.82	1,029.18	1.17	-0.12	0.020
100.00	-10.98	-0.66	0.00	-8.93	0.00	8.93	1,462.05	391.53	1,136.06	967.43	1.29	-0.12	0.017
105.00	-10.87	-0.66	0.00	-5.63	0.00	5.63	1,427.02	375.86	1,046.94	906.20	1.42	-0.12	0.014
106.00	-6.62	-0.42	0.00	-4.97	0.00	4.97	1,419.78	372.73	1,029.56	894.03	1.45	-0.12	0.010
110.00	-6.16	-0.40	0.00	-3.29	0.00	3.29	1,390.04	360.19	961.47	845.65	1.55	-0.13	0.008
115.00	-5.89	-0.38	0.00	-1.31	0.00	1.31	1,351.09	344.52	879.63	785.93	1.69	-0.13	0.006
118.00	-2.70	-0.17	0.00	-0.17	0.00	0.17	1,326.78	335.11	832.27	750.56	1.77	-0.13	0.002
119.00	0.00	-0.17	0.00	0.00	0.00	0.00	1,318.52	331.98	816.78	738.86	1.80	-0.13	0.000

Load Case 0.9D - 1.0Ev + 1.0Eh Seismic (Reduced DL)

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-21.78	-1.01	0.00	-98.29	0.00	98.29	3,321.87	986.75	5,051.94	3,883.62	0.00	0.00	0.032
5.00	-20.92	-1.01	0.00	-93.25	0.00	93.25	3,288.72	964.36	4,825.36	3,757.16	0.00	-0.01	0.031
10.00	-20.09	-1.01	0.00	-88.20	0.00	88.20	3,253.61	941.98	4,603.98	3,630.29	0.01	-0.01	0.030
15.00	-19.28	-1.01	0.00	-83.16	0.00	83.16	3,216.54	919.60	4,387.80	3,503.16	0.03	-0.02	0.030
20.00	-18.49	-1.00	0.00	-78.12	0.00	78.12	3,177.52	897.21	4,176.81	3,375.93	0.05	-0.02	0.029
25.00	-17.71	-1.00	0.00	-73.11	0.00	73.11	3,136.53	874.83	3,971.03	3,248.74	0.08	-0.03	0.028
30.00	-16.95	-0.99	0.00	-68.13	0.00	68.13	3,093.58	852.45	3,770.44	3,121.77	0.12	-0.04	0.027
35.00	-16.88	-0.99	0.00	-63.19	0.00	63.19	3,048.68	830.06	3,575.05	2,995.16	0.16	-0.04	0.027
35.50	-15.59	-0.97	0.00	-62.70	0.00	62.70	3,044.08	827.82	3,555.80	2,982.53	0.16	-0.04	0.026
40.00	-14.96	-0.96	0.00	-58.34	0.00	58.34	3,001.81	807.68	3,384.86	2,869.08	0.21	-0.05	0.025
42.25	-14.56	-0.95	0.00	-56.19	0.00	56.19	3,003.54	808.49	3,391.62	2,873.61	0.23	-0.05	0.024
45.00	-13.85	-0.93	0.00	-53.58	0.00	53.58	2,976.96	796.17	3,289.13	2,804.53	0.26	-0.06	0.024
50.00	-13.16	-0.92	0.00	-48.92	0.00	48.92	2,927.13	773.79	3,106.81	2,679.53	0.32	-0.06	0.023
55.00	-12.49	-0.90	0.00	-44.34	0.00	44.34	2,875.34	751.41	2,929.68	2,555.45	0.39	-0.07	0.022
60.00	-11.83	-0.87	0.00	-39.86	0.00	39.86	2,821.60	729.02	2,757.76	2,432.44	0.47	-0.07	0.021
65.00	-11.20	-0.85	0.00	-35.49	0.00	35.49	2,765.89	706.64	2,591.03	2,310.67	0.55	-0.08	0.019
70.00	-10.82	-0.83	0.00	-31.25	0.00	31.25	2,708.22	684.26	2,429.50	2,190.28	0.64	-0.09	0.018
73.00	-10.42	-0.82	0.00	-28.74	0.00	28.74	2,672.68	670.83	2,335.08	2,118.77	0.69	-0.09	0.017
75.00	-9.73	-0.78	0.00	-27.11	0.00	27.11	2,648.59	661.87	2,273.17	2,071.43	0.73	-0.09	0.017
78.50	-9.60	-0.78	0.00	-24.37	0.00	24.37	1,590.36	458.92	1,560.74	1,234.68	0.80	-0.10	0.026
80.00	-9.17	-0.75	0.00	-23.20	0.00	23.20	1,582.58	454.22	1,528.93	1,215.98	0.83	-0.10	0.025
85.00	-8.76	-0.73	0.00	-19.43	0.00	19.43	1,555.39	438.55	1,425.25	1,153.62	0.93	-0.10	0.022
90.00	-8.35	-0.71	0.00	-15.77	0.00	15.77	1,526.24	422.88	1,325.22	1,091.30	1.04	-0.11	0.020
95.00	-7.96	-0.68	0.00	-12.24	0.00	12.24	1,495.12	407.20	1,228.82	1,029.18	1.16	-0.11	0.017
100.00	-7.59	-0.65	0.00	-8.83	0.00	8.83	1,462.05	391.53	1,136.06	967.43	1.28	-0.12	0.014
105.00	-7.51	-0.65	0.00	-5.57	0.00	5.57	1,427.02	375.86	1,046.94	906.20	1.41	-0.12	0.011
106.00	-4.57	-0.42	0.00	-4.92	0.00	4.92	1,419.78	372.73	1,029.56	894.03	1.44	-0.12	0.009
110.00	-4.25	-0.39	0.00	-3.25	0.00	3.25	1,390.04	360.19	961.47	845.65	1.54	-0.13	0.007
115.00	-4.07	-0.37	0.00	-1.30	0.00	1.30	1,351.09	344.52	879.63	785.93	1.67	-0.13	0.005
118.00	-1.86	-0.17	0.00	-0.17	0.00	0.17	1,326.78	335.11	832.27	750.56	1.75	-0.13	0.002
119.00	0.00	-0.17	0.00	0.00	0.00	0.00	1,318.52	331.98	816.78	738.86	1.78	-0.13	0.000

Analysis Summary

	Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	16.71	0.00	31.65	0.00	0.00	1446.44	0.00	0.38
0.9D + 1.0W	16.71	0.00	23.73	0.00	0.00	1438.58	0.00	0.38
1.2D + 1.0Di + 1.0Wi	4.64	0.00	43.11	0.00	0.00	386.78	0.00	0.11
1.2D + 1.0Ev + 1.0Eh	1.01	0.00	31.51	0.00	0.00	98.96	0.00	0.03
0.9D - 1.0Ev + 1.0Eh	1.01	0.00	21.78	0.00	0.00	98.29	0.00	0.03
1.0D + 1.0W	3.93	0.00	26.39	0.00	0.00	339.12	0.00	0.10

Base Plate & Anchor Rod Analysis

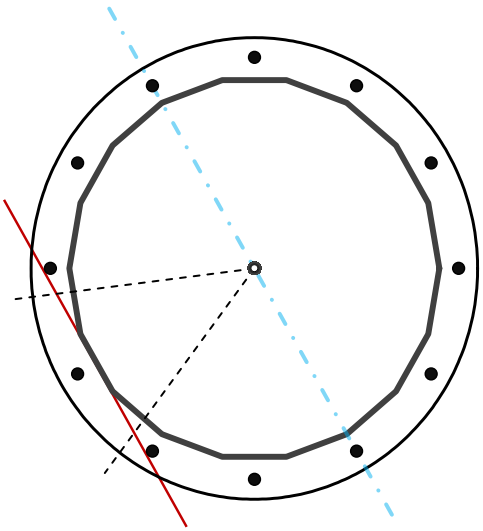
Pole Dimensions		
Number of Sides	18	-
Diameter	57	in
Thickness	5/16	in
Orientation Offset		°

Base Reactions		
Moment, Mu	1,446.4	k-ft
Axial, Pu	31.7	k
Shear, Vu	16.7	k
Neutral Axis	120	°

Report Capacities		
Component	Capacity	Result
Base Plate	17%	Pass
Anchor Rods	41%	Pass
Dwyidag	-	-

Base Plate		
Shape	Round	-
Diameter, ø	70	in
Thickness	2	in
Grade	A572-50	
Yield Strength, Fy	50	ksi
Tensile Strength, Fu	65	ksi
Clip	N/A	in
Orientation Offset		°
Anchor Rod Detail	d	η=0.5
Clear Distance	3	in
Applied Moment, Mu	217.1	k
Bending Stress, ϕMn	1262.0	k

Original Anchor Rods		
Arrangement	Radial	-
Quantity	12	-
Diameter, ø	2 1/4	in
Bolt Circle	64	in
Grade	A615-75	
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Spacing	16.8	in
Orientation Offset		°
Applied Force, Pu	96.5	k
Anchor Rods, ϕPn	243.6	k



Calculations for Monopole Base Plate & Anchor Rod Analysis

Reaction Distribution

Reaction	Shear Vu	Moment Mu	Factor
-	k	k-ft	-
Base Forces	16.7	1446.4	1.00
Anchor Rod Forces	16.7	1446.4	1.00
Additional Bolt (Grp1) Forces	0.0	0.0	0.00
Additional Bolt (Grp2) Forces	0.0	0.0	0.00
Dywidag Forces	0.0	0.0	0.00
Stiffener Forces	0.0	0.0	0.00

Geometric Properties

Section	Gross Area	Net Area	Individual Inertia	Threads per Inch	Moment of Inertia
-	in^2	in^2	in^4	#	in^4
Pole	55.3707	3.0762	0.1004		22243.34
Bolt	3.9761	3.2477	0.8393	4.5	18510.41
Bolt1	0.0000	0.0000	0.0000	0	0.00
Bolt2	0.0000	0.0000	0.0000	0	0.00
Dywidag	0.0000	0.0000	0.0000		0.00
Stiffener	0.0000	0.0000	0.0000		0.00

Base Plate		
Shape	Round	-
Diameter, D	70	in
Thickness, t	2	in
Yield Strength, Fy	50	ksi
Tensile Strength, Fu	65	ksi
Base Plate Chord	40.632	in
Detail Type	d	-
Detail Factor	0.50	-
Clear Distance	3	-

Anchor Rods		
Anchor Rod Quantity, N	12	-
Rod Diameter, d	2.25	in
Bolt Circle, BC	64	in
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Applied Axial, Pu	96.5	k
Applied Shear, Vu	1.1	k
Compressive Capacity, ϕPn	243.6	k
Tensile Capacity, ϕRnt	0.396	OK
Interaction Capacity	0.405	OK

External Base Plate		
Chord Length AA	34.044	in
Additional AA	4.000	in
Section Modulus, Z	38.044	in^3
Applied Moment, Mu	217.1	k-ft
Bending Capacity, ϕMn	1712.0	k-ft
Capacity, Mu/ϕMn	0.127	OK
Chord Length AB	32.520	in
Additional AB	4.000	in
Section Modulus, Z	36.520	in^3
Applied Moment, Mu	174.6	k-ft
Bending Capacity, ϕMn	1643.4	k-ft
Capacity, Mu/ϕMn	0.106	OK
Bend Line Length	28.045	in
Additional Bend Line	0.000	in
Section Modulus, Z	28.045	in^3
Applied Moment, Mu	217.1	k-ft
Bending Capacity, ϕMn	1262.0	k-ft
Capacity, Mu/ϕMn	0.172	OK

Internal Base Plate		
Arc Length	0.000	in
Section Modulus, Z	0.000	in^3
Moment Arm	0.000	in
Applied Moment, Mu	0.0	k-ft
Bending Capacity, ϕMn	0.0	k-ft
Capacity, Mu/ϕMn		

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
856.797.0412
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Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10068865
Maser Consulting Connecticut Project #: 21777437A

June 11, 2021

Site Information	*Site ID:*	*469151-VZW / NAUGATUCK WEST CT*
	Site Name:	*NAUGATUCK WEST CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*880 Andrew Mountain Rd* *Naugatuck, Connecticut 06770* *New Haven County*
	Latitude:	*41.484453°*
	Longitude:	*-73.089844°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.50-Ft Platform*

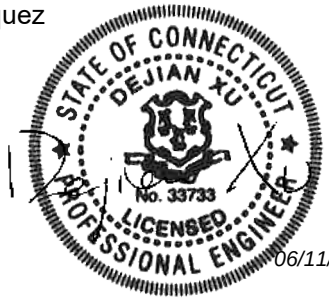
FUZE ID # 16244107

Analysis Results

Platform: **42.5% Pass**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
Contractor - Please Review Specific Site PMI Requirements Upon Award
Requirements also Noted on Mount Modification Drawings
Requirements may also be Noted on A & E drawings

Report Prepared By: Abigail Enriquez



06/11/2021

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
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 1740118, dated March 16, 2021*
Mount Mapping Report	*RKS Design and Engineering LLC., Site ID: ATC: 283423, VZW:469151, dated March 30, 2021*
Previous Mount Analysis Report	*Maser Consulting Connecticut, Project # 21777437A, dated May 5, 2021*
Mount Modification Drawings	*Maser Consulting Connecticut, Project # 21777437A, dated June 11, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	117 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.970
Seismic Parameters:	S_S:	0.196
	S_1:	0.054
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	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
103.83	106.00	3	Samsung	MT6407-77A	Added
		2	Commscope	JAHH-45B-R3B	Retained
		4	Commscope	JAHH-65B-R3B	
		3	Commscope	CBC78T-DS-43	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48*	

* Equipment is flush mounted directly to the Self Support. They are not mounted on the platform mount and are not included in this mount analysis.

The recent mount mapping reported existing OVP units. 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 by Maser Consulting Connecticut, 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:
   - Channel, Solid Round, Angle, Plate — ASTM A36 (Gr. 36)
   - HSS (Rectangular) — ASTM 500 (Gr. B-46)
   - Pipe — ASTM A53 (Gr. B-35)
   - Threaded Rod — F1554 (Gr. 36)
   - 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
Mod Support Rail Corner	*28.4%*	*Pass*
Mod Support Rail	*18.7%*	*Pass*
Mount Pipe	*40.3%*	*Pass*
Face Horizontal	*14.0%*	*Pass*
Corner Plate	*14.8%*	*Pass*
Cross Arm Plate	*31.4%*	*Pass*
Grating Support	*9.4%*	*Pass*
Platform Crossmember	*15.7%*	*Pass*
Standoff Horizontal	*32.9%*	*Pass*
Connection Check	*42.5%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**42.5%**

Recommendation:

The existing mount will be **SUFFICIENT** for the final loading after the proposed modifications 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. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required PMI Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Usage Letter


03/30/2021

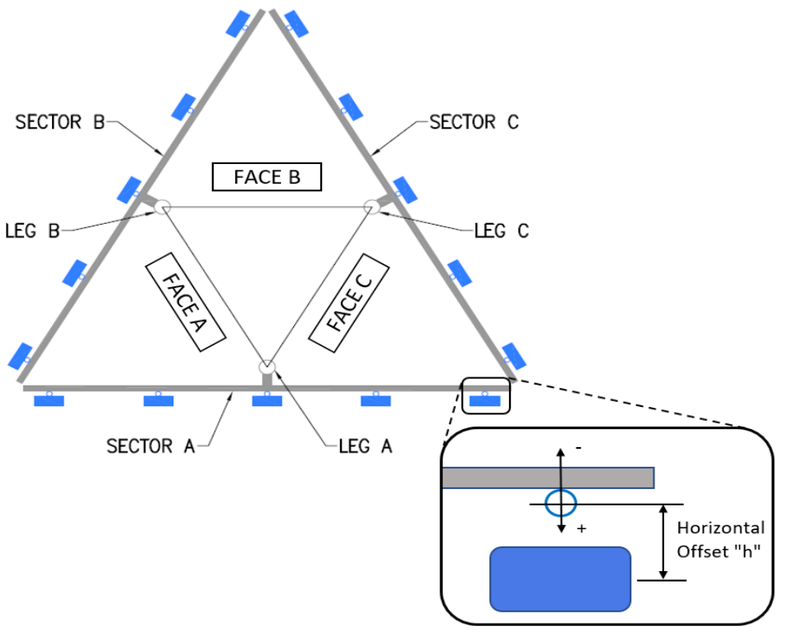
V3.0 Updated on 8-31-2020

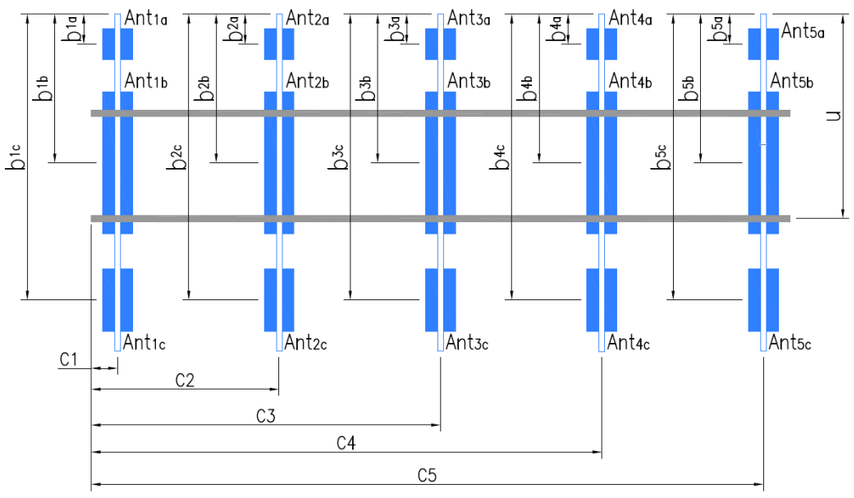
Antenna Mount Mapping Form (PATENT PENDING)

FCC #
1277236

Tower Owner:	AMERICAN TOWER CORPORATION	**Mapping Date:**	3-30-2021
Site Name:	ATC : NAUGATUCK CT ; VZW :NAUGATUCK WEST CT	**Tower Type:**	MONOPOLE
Site Number or ID:	ATC : 283423, VZW:469151	**Tower Height (Ft.):**	UNKNOWN
Mapping Contractor:	RKS DESIGN AND ENGINEERING LLC	**Mount Elevation (Ft.):**	104

Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.





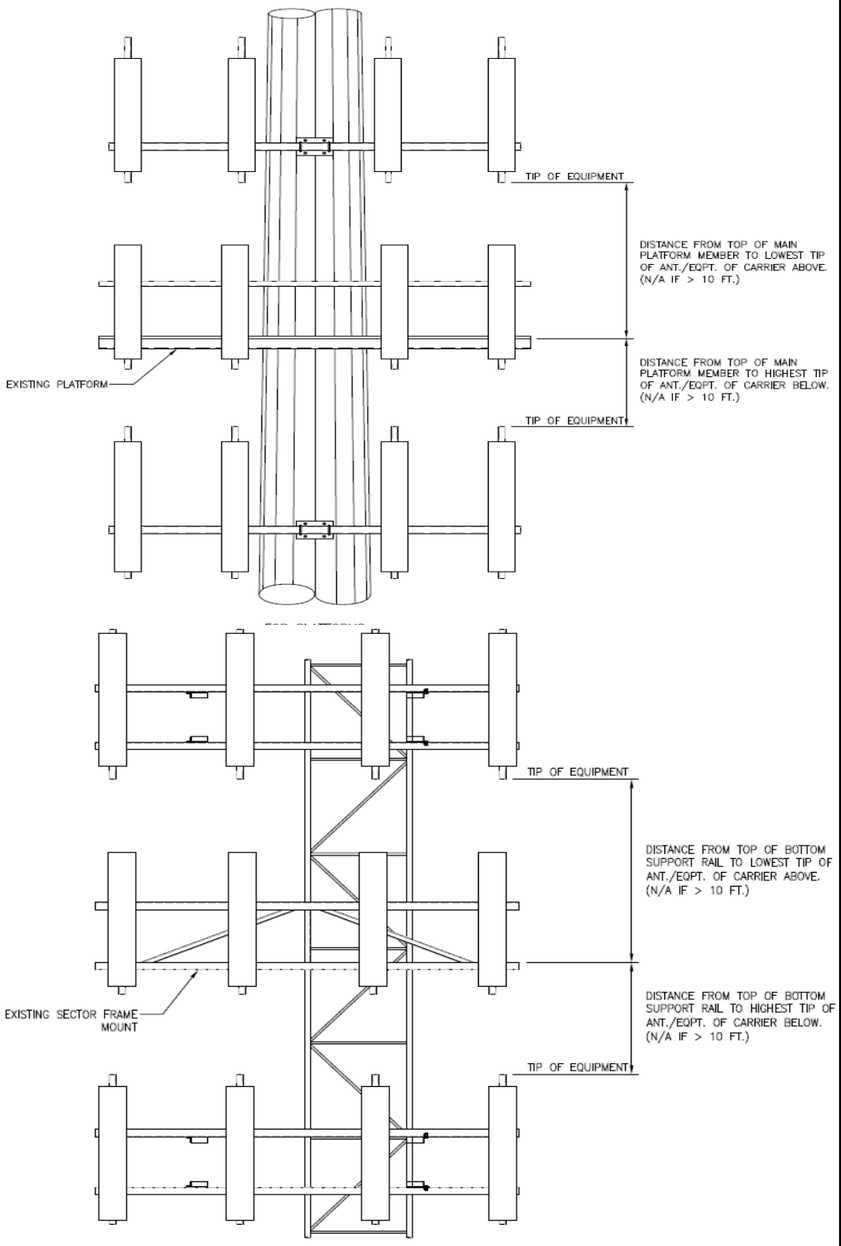
Antenna Layout (Looking Out From Tower)

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 2.375"Ø x 0.15"x96" LONG	52.75	26.00	C1	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	26.00
A2	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	77.25	C2	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	77.25
A3	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	115.75	C3	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	115.75
A4	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	139.50	C4	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	139.50
A5				C5			
A6				C6			
B1	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	26.00	D1			
B2	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	77.25	D2			
B3	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	115.75	D3			
B4	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	139.50	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. :							
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							6
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional infomation or comments below.							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):				31.5

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	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)	Photo Numbers
Sector A										
Ant_{1a}	CBC78T-DS-43-2X	6.90	9.50	6.40		106.646	21.00	-8.75		14,197
Ant_{1b}	(2) JAHH-45B-R3B	18.00	7.00	72.00		105.125	39.25	12.50	45.00	14,197
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	15.00	10.00	15.00		105.896	30.00	-9.25		14,197
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	RFV01U-D2A	15.00	8.10	15.00		105.854	30.50	-8.50		14,198
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	RRFDC-3315-PF-48	15.73	10.25	26.66			36.00	7.00		332
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	45.00	Deg	Leg A:		Deg
Sector B:	165.00	Deg	Leg B:		Deg
Sector C:	285.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	45.00	Deg	N/A
Climbing Facility	Corrosion Type:		N/A
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}	CBC78T-DS-43-2X	6.90	9.50	6.40		106.708	20.25	-8.75		21,202
Ant_{1b}	(2) JAHH-65B-R3B	13.80	8.20	72.00		105.813	31.00	12.50	165.00	21,202
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	15.00	10.00	15.00		105.771	31.50	-9.25		21,202
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	RFV01U-D2A	15.00	8.10	15.00		105.938	29.50	-8.50		21,203
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	RRFDC-3315-PF-48	15.73	10.25	26.66		50	7.00			342
Ant on Tower										
Sector C										
Ant_{1a}	(4)CBC78T-DS-43-2X	6.90	9.50	6.40		106.708	20.25	-8.75		28,204
Ant_{1b}	(2) JAHH-65B-R3B	13.80	8.20	72.00		105.813	31.00	12.50	285.00	28,204
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	15.00	10.00	15.00		105.771	31.50	-9.25		28,204
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	RFV01U-D2A	15.00	8.10	15.00		105.938	29.50	-8.50		28,205
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										
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	COAX TOTAL (2) 1.50"Ø HYBRID	49
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.

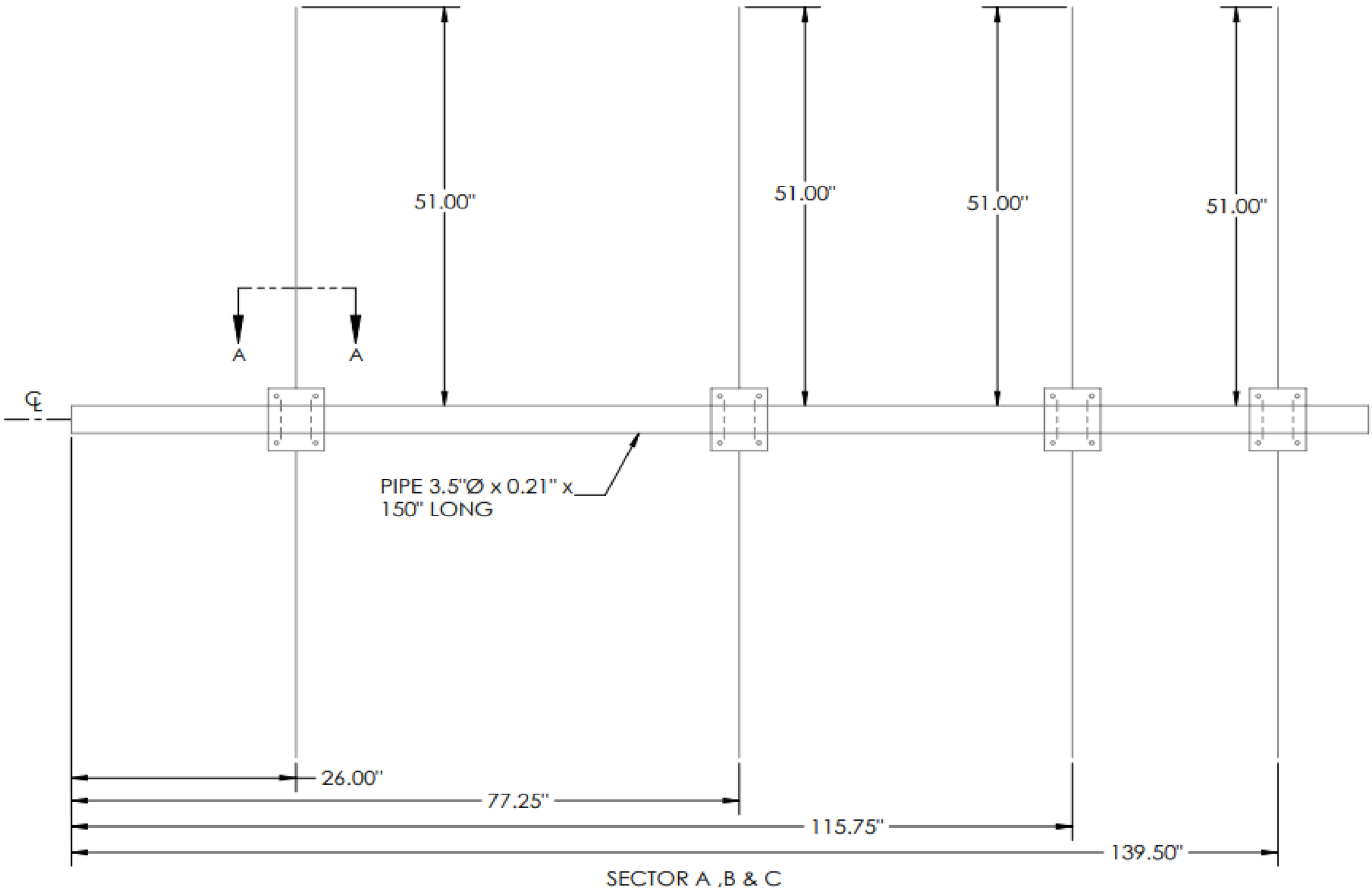
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

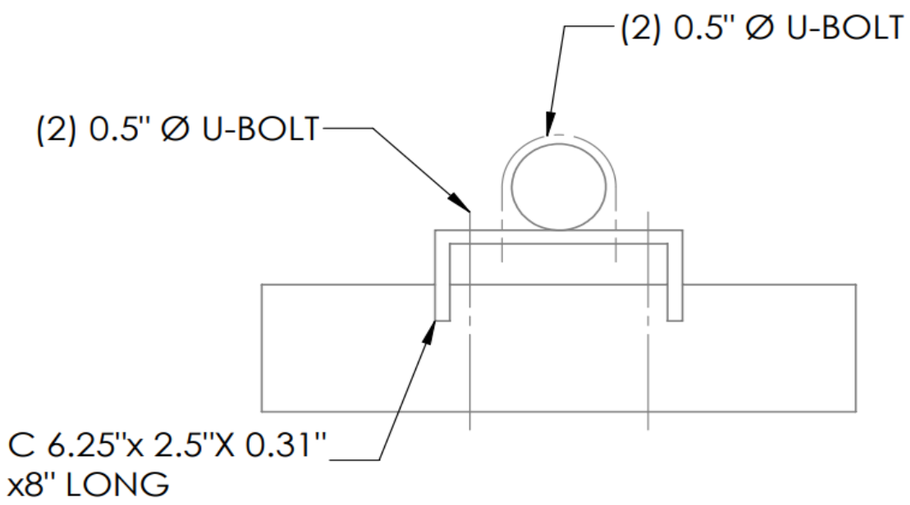
FCC #
1277236

Tower Owner:	AMERICAN TOWER CORPORATION	**Mapping Date:**	3-30-2021
Site Name:	ATC : NAUGATUCK CT ; VZW :NAUGATUCK WEST CT	**Tower Type:**	MONOPOLE
Site Number or ID:	ATC : 283423, VZW:469151	**Tower Height (Ft.):**	UNKNOWN
Mapping Contractor:	RKS DESIGN AND ENGINEERING LLC	**Mount Elevation (Ft.):**	104

Please Insert Sketches of the Antenna Mount

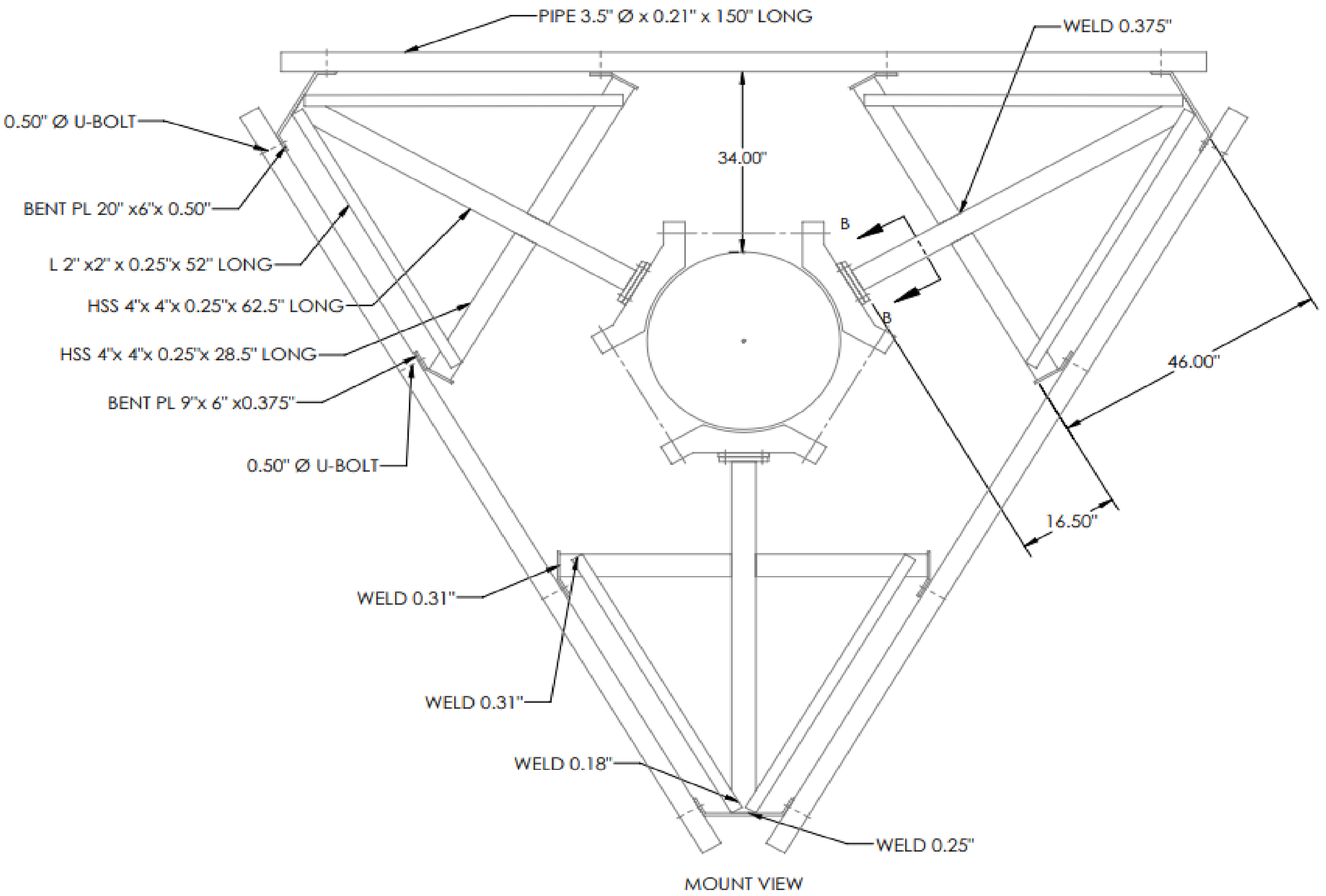


SECTOR A ,B & C

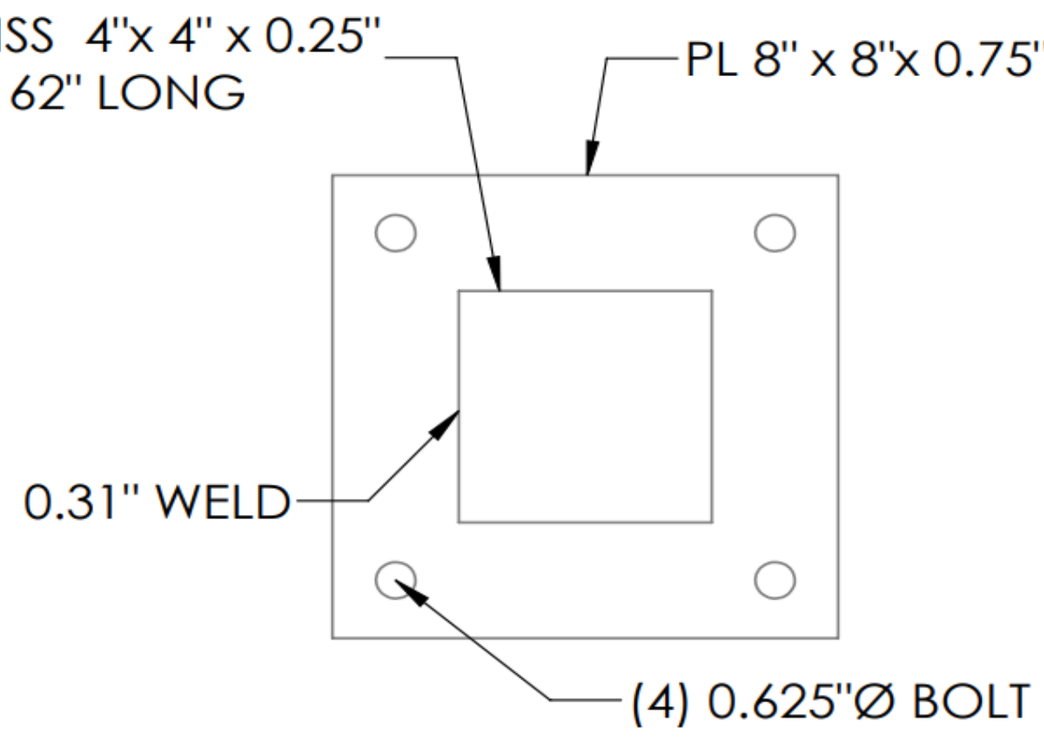


SECTION A-A

Please Insert Sketches of the Antenna Mount, cont'd

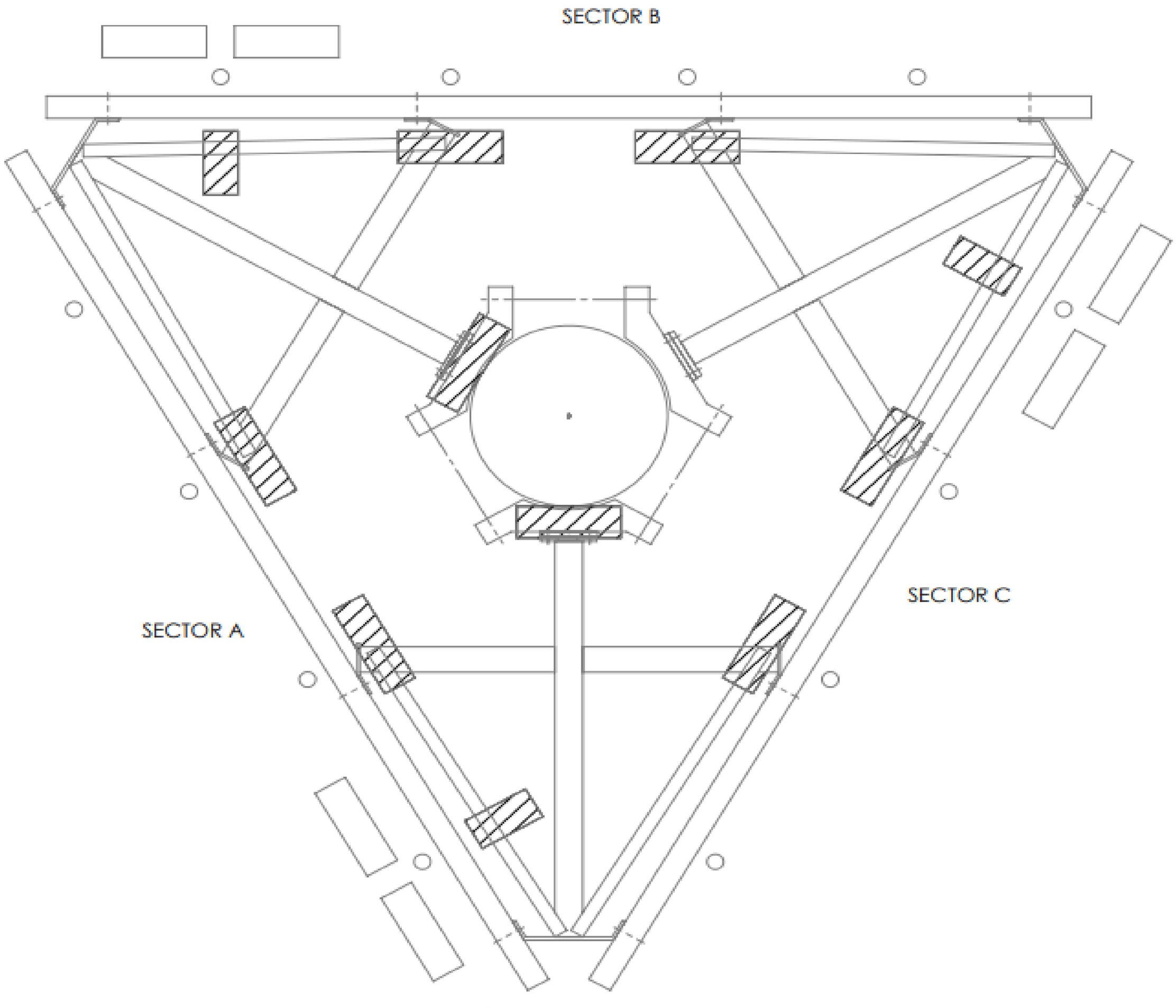


MOUNT VIEW

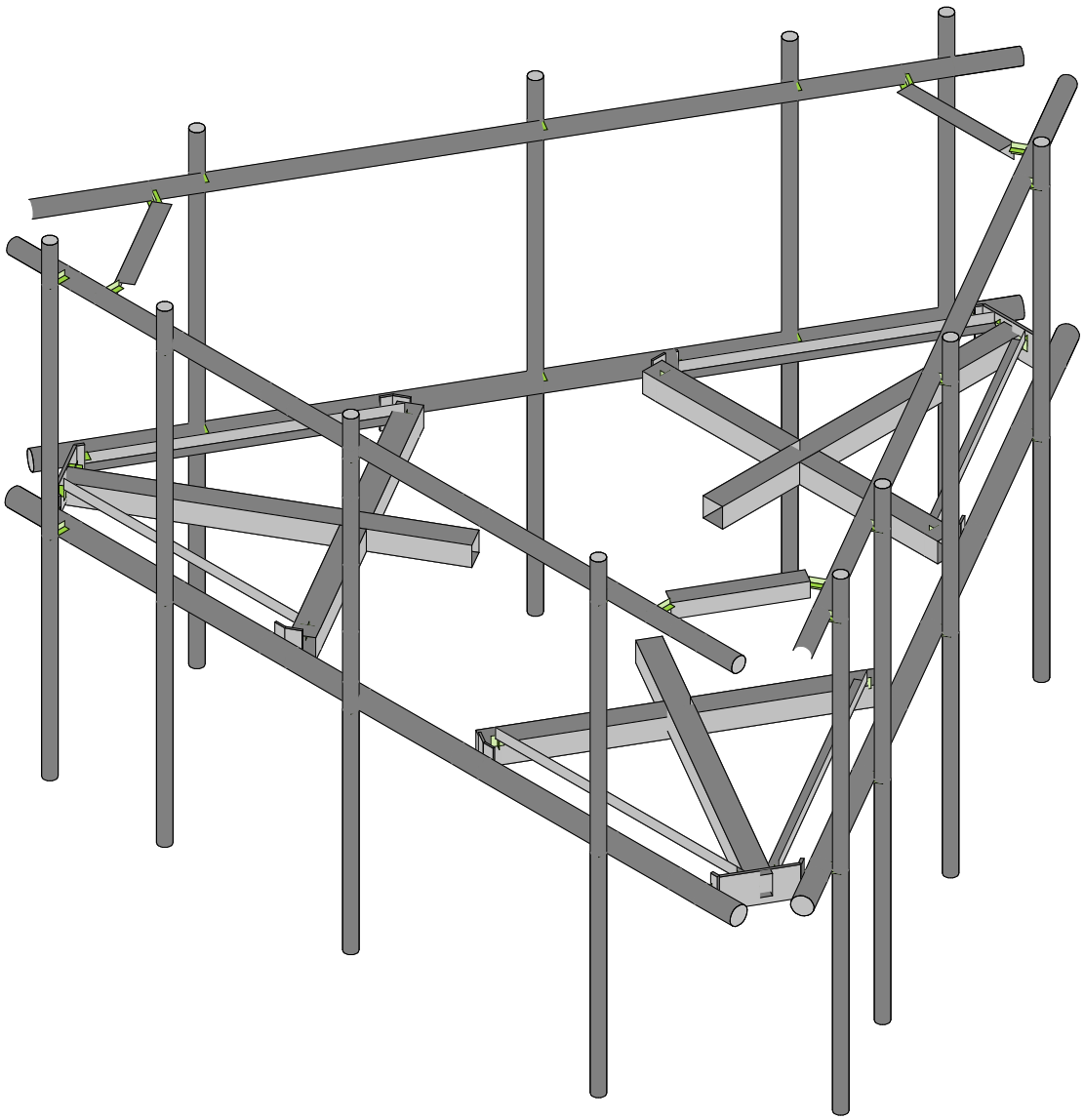


SECTION B-B

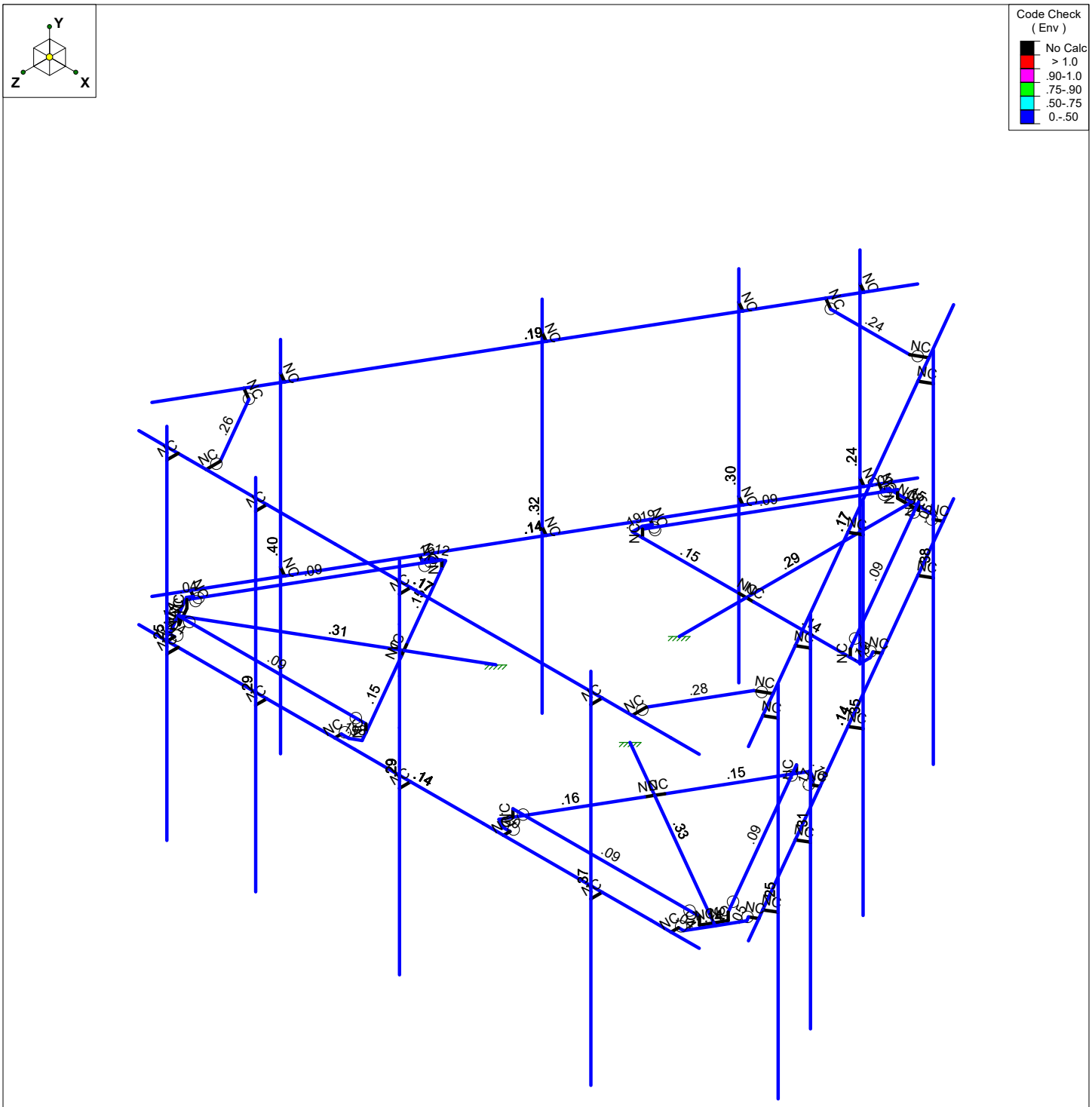
Please Insert Sketches of the Antenna Mount, cont'd



ANTENNA PLAN VIEW

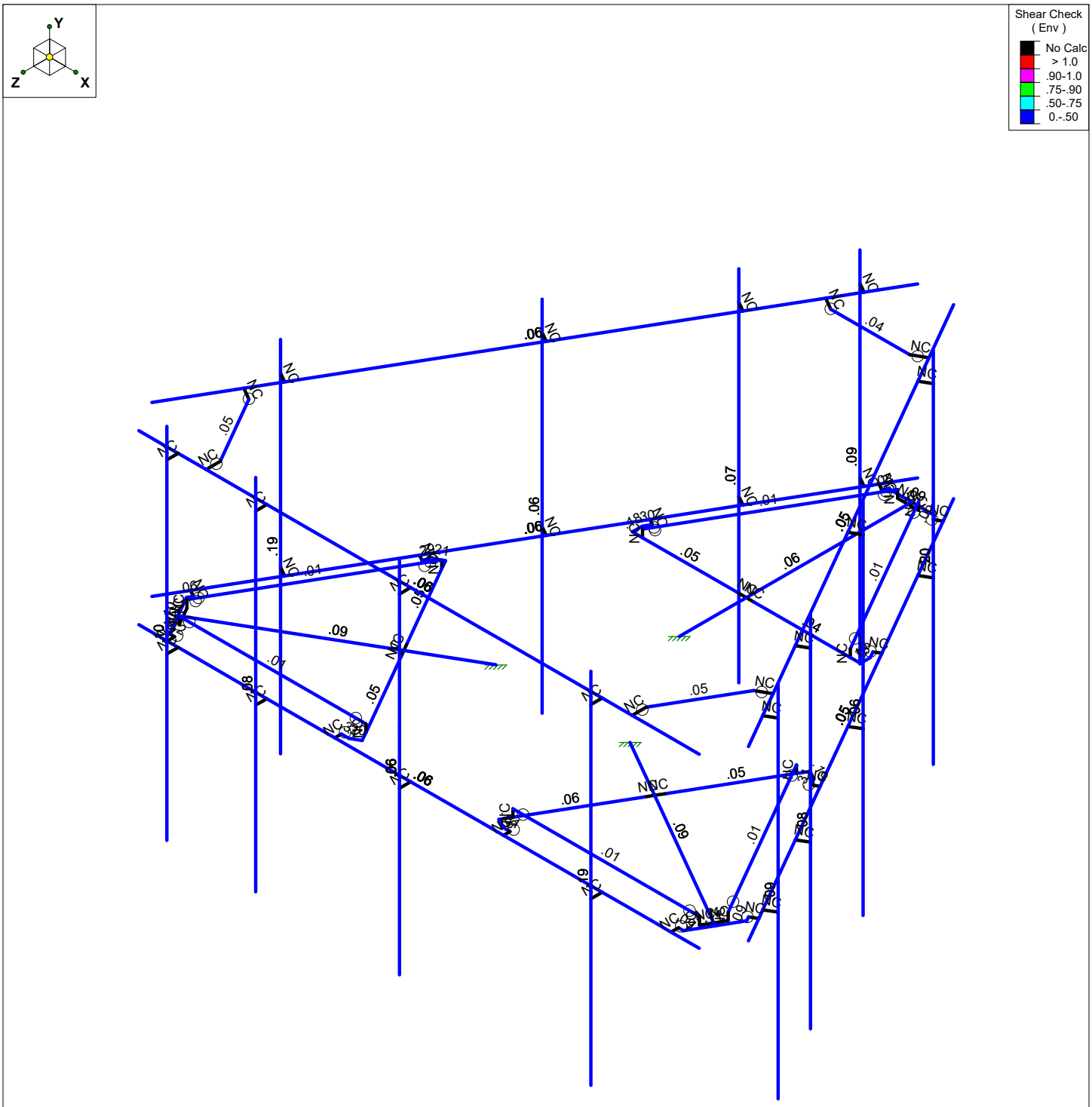


Maser Consulting		SK - 1
AE		June 10, 2021 at 6:01 PM
		FINAL_469151-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

Maser Consulting		SK - 2
AE		June 10, 2021 at 6:01 PM
		FINAL_469151-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

Maser Consulting		SK - 3
AE		June 10, 2021 at 6:01 PM
		FINAL_469151-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					81			
2	Antenna Di	None					81			
3	Antenna Wo (0 Deg)	None					81			
4	Antenna Wo (30 Deg)	None					81			
5	Antenna Wo (60 Deg)	None					81			
6	Antenna Wo (90 Deg)	None					81			
7	Antenna Wo (120 Deg)	None					81			
8	Antenna Wo (150 Deg)	None					81			
9	Antenna Wo (180 Deg)	None					81			
10	Antenna Wo (210 Deg)	None					81			
11	Antenna Wo (240 Deg)	None					81			
12	Antenna Wo (270 Deg)	None					81			
13	Antenna Wo (300 Deg)	None					81			
14	Antenna Wo (330 Deg)	None					81			
15	Antenna Wi (0 Deg)	None					81			
16	Antenna Wi (30 Deg)	None					81			
17	Antenna Wi (60 Deg)	None					81			
18	Antenna Wi (90 Deg)	None					81			
19	Antenna Wi (120 Deg)	None					81			
20	Antenna Wi (150 Deg)	None					81			
21	Antenna Wi (180 Deg)	None					81			
22	Antenna Wi (210 Deg)	None					81			
23	Antenna Wi (240 Deg)	None					81			
24	Antenna Wi (270 Deg)	None					81			
25	Antenna Wi (300 Deg)	None					81			
26	Antenna Wi (330 Deg)	None					81			
27	Antenna Wm (0 Deg)	None					81			
28	Antenna Wm (30 Deg)	None					81			
29	Antenna Wm (60 Deg)	None					81			
30	Antenna Wm (90 Deg)	None					81			
31	Antenna Wm (120 Deg)	None					81			
32	Antenna Wm (150 Deg)	None					81			
33	Antenna Wm (180 Deg)	None					81			
34	Antenna Wm (210 Deg)	None					81			
35	Antenna Wm (240 Deg)	None					81			
36	Antenna Wm (270 Deg)	None					81			
37	Antenna Wm (300 Deg)	None					81			
38	Antenna Wm (330 Deg)	None					81			
39	Structure D	None		-1					3	
40	Structure Di	None						57	3	
41	Structure Wo (0 Deg)	None						114		
42	Structure Wo (30 Deg)	None						114		
43	Structure Wo (60 Deg)	None						114		
44	Structure Wo (90 Deg)	None						114		
45	Structure Wo (120 D...	None						114		
46	Structure Wo (150 D...	None						114		
47	Structure Wo (180 D...	None						114		
48	Structure Wo (210 D...	None						114		
49	Structure Wo (240 D...	None						114		
50	Structure Wo (270 D...	None						114		
51	Structure Wo (300 D...	None						114		
52	Structure Wo (330 D...	None						114		
53	Structure Wi (0 Deg)	None						114		
54	Structure Wi (30 Deg)	None						114		
55	Structure Wi (60 Deg)	None						114		
56	Structure Wi (90 Deg)	None						114		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						114		
58	Structure Wi (150 De...	None						114		
59	Structure Wi (180 De...	None						114		
60	Structure Wi (210 De...	None						114		
61	Structure Wi (240 De...	None						114		
62	Structure Wi (270 De...	None						114		
63	Structure Wi (300 De...	None						114		
64	Structure Wi (330 De...	None						114		
65	Structure Wm (0 Deg)	None						114		
66	Structure Wm (30 De...	None						114		
67	Structure Wm (60 De...	None						114		
68	Structure Wm (90 De...	None						114		
69	Structure Wm (120 D...	None						114		
70	Structure Wm (150 D...	None						114		
71	Structure Wm (180 D...	None						114		
72	Structure Wm (210 D...	None						114		
73	Structure Wm (240 D...	None						114		
74	Structure Wm (270 D...	None						114		
75	Structure Wm (300 D...	None						114		
76	Structure Wm (330 D...	None						114		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						30		
82	BLC 40 Transient Are...	None						30		

Load Combinations

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1														
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1														
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1														
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1														
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1														
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1														
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1														
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1														
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1														
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (30 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										
15	1.2D + 1.0Di + 1.0Wi (60 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + 1.0Wi (90 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + 1.0Wi (120 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + 1.0Wi (150 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + 1.0Wi (180 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + 1.0Wi (210 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + 1.0Wi (240 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0Di + 1.0Wi (270 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0Di + 1.0Wi (300 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0Di + 1.0Wi (330 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5Lm1 + 1.0Wm (0 ...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5Lm1 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												

Load Combinations (Continued)

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
27	1.2D + 1.5Lm1 + 1.0Wm (60...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (12...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (15...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (18...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (21...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (24...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (27...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (33...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 ...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (12...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (15...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (18...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (21...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (24...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (27...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (33...	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	Seismic Mass		Y		1	1	39	1																
53	1.2D + 1.0Ev + 1.0Eh (0 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0Eh (30 D...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.8...										
55	1.2D + 1.0Ev + 1.0Eh (60 D...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0Eh (90 D...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0Eh (120 ...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0Eh (150 ...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0Eh (180 ...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0Eh (210 ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0Eh (240 ...		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0Eh (270 ...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0Eh (300 ...		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0Eh (330 ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.8...										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	0	4.07094	0	
2	N2	-6.25	0	4.07094	0	
3	N3	0	0	-1.729167	0	
4	N5	-2.541667	0	-3.229167	0	
5	N6	2.315104	0.166667	-3.229167	0	
6	N7	-2.315104	0.166667	-3.229167	0	
7	N8	4.083333	0	4.07094	0	
8	N9	4.083333	0	4.32094	0	
9	N10	-5.375	0	4.07094	0	
10	N11	-5.375	0	4.32094	0	
11	N12	-0.1875	0	4.07094	0	
12	N13	-0.1875	0	4.32094	0	
13	N14	-3.395833	0	4.07094	0	
14	N15	-3.395833	0	4.32094	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N16	-3.395833	-3.604167	4.32094	0	
16	N17	-3.395833	4.395833	4.32094	0	
17	N18	-5.375	-3.604167	4.32094	0	
18	N19	-5.375	4.395833	4.32094	0	
19	N20	-0.1875	-3.604167	4.32094	0	
20	N21	-0.1875	4.395833	4.32094	0	
21	N22	4.083333	-3.604167	4.32094	0	
22	N23	4.083333	4.395833	4.32094	0	
23	N24	0	0	-3.229167	0	
24	N27	0	0	-6.916667	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-3.229167	0	
27	N30	-2.315104	0	-3.229167	0	
28	N101	2.541667	0	-3.229167	0	
29	N102	-0.166667	0	-3.229167	0	
30	N103A	0.166667	0	-3.229167	0	
31	N104A	-2.541667	0	-3.447917	0	
32	N105	2.541667	0	-3.447917	0	
33	N131	2.458333	0	-3.592254	0	
34	N135	0.571615	0	-6.81969	0	
35	N144	-2.458333	0	-3.592254	0	
36	N148	-0.571615	0	-6.81969	0	
37	N86A	2.584629	0	-3.665171	0	
38	N86B	-2.584629	0	-3.665171	0	
39	N86C	-0.515625	0	-6.916667	0	
40	N87A	0.515625	0	-6.916667	0	
41	N86D	0.715429	0	-6.902721	0	
42	N86E	-0.715429	0	-6.902721	0	
43	N88A	0	0	-6.833333	0	
44	N87C	0.234238	0.166667	-6.833333	0	
45	N86G	0.234238	0	-6.833333	0	
46	N87B	-0.234238	0.166667	-6.833333	0	
47	N88C	-0.234238	0	-6.833333	0	
48	N105A	-1.430762	0	4.07094	0	
49	N109	-5.169162	0	4.07094	0	
50	N132	1.430762	0	4.07094	0	
51	N136	5.169162	0	4.07094	0	
52	N56	-1.497502	0	0.864583	0	
53	N57	-1.525707	0	3.815731	0	
54	N58	-3.954092	0.166667	-0.390356	0	
55	N59	-1.638988	0.166667	3.619522	0	
56	N60	-2.79654	0	1.614583	0	
57	N61	-5.990009	0	3.458333	0	
58	N63	-3.954092	0	-0.390356	0	
59	N64	-1.638988	0	3.619522	0	
60	N65	-4.067374	0	-0.586565	0	
61	N66	-2.713207	0	1.758921	0	
62	N67	-2.879874	0	1.470246	0	
63	N68	-1.71515	0	3.925106	0	
64	N69	-4.256817	0	-0.47719	0	
65	N70	-4.34015	0	-0.332852	0	
66	N71	-6.191832	0	2.914812	0	
67	N72	-1.881817	0	3.925106	0	
68	N73	-5.620217	0	3.904878	0	
69	N74	-4.466446	0	-0.405769	0	
70	N75	-1.881817	0	4.07094	0	
71	N76	-5.732197	0	3.904878	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N77	-6.247822	0	3.011789	0	
73	N78	-6.335646	0	2.831781	0	
74	N79	-5.620217	0	4.07094	0	
75	N80	-5.91784	0	3.416667	0	
76	N81	-6.034959	0.166667	3.213811	0	
77	N82	-6.034959	0	3.213811	0	
78	N83	-5.800721	0.166667	3.619522	0	
79	N84	-5.800721	0	3.619522	0	
80	N85	1.497502	0	0.864583	0	
81	N86	4.067374	0	-0.586565	0	
82	N87	1.638988	0.166667	3.619522	0	
83	N88	3.954092	0.166667	-0.390356	0	
84	N89	2.79654	0	1.614583	0	
85	N90	5.990009	0	3.458333	0	
86	N92	1.638988	0	3.619522	0	
87	N93	3.954092	0	-0.390356	0	
88	N94	1.525707	0	3.815731	0	
89	N95	2.879874	0	1.470246	0	
90	N96	2.713207	0	1.758921	0	
91	N97	4.256817	0	-0.47719	0	
92	N98	1.71515	0	3.925106	0	
93	N99	1.881817	0	3.925106	0	
94	N100	5.620217	0	3.904878	0	
95	N101A	4.34015	0	-0.332852	0	
96	N102A	6.191832	0	2.914812	0	
97	N103	1.881817	0	4.07094	0	
98	N104	4.466446	0	-0.405769	0	
99	N105B	6.247822	0	3.011789	0	
100	N106	5.732197	0	3.904878	0	
101	N107	5.620217	0	4.07094	0	
102	N108	6.335646	0	2.831781	0	
103	N109A	5.91784	0	3.416667	0	
104	N110	5.800721	0.166667	3.619522	0	
105	N111	5.800721	0	3.619522	0	
106	N112	6.034959	0.166667	3.213811	0	
107	N113	6.034959	0	3.213811	0	
108	N108A	0.400537	0	-7.448129	0	
109	N109B	6.650537	0	3.377189	0	
110	N110A	1.483871	0	-5.57174	0	
111	N111A	1.700377	0	-5.69674	0	
112	N112A	6.213037	0	2.619417	0	
113	N113A	6.429544	0	2.494417	0	
114	N114	3.619287	0	-1.87309	0	
115	N115	3.835794	0	-1.99809	0	
116	N116	5.223454	0	0.905408	0	
117	N117	5.43996	0	0.780408	0	
118	N118	5.43996	-3.604167	0.780408	0	
119	N119	5.43996	4.395833	0.780408	0	
120	N120	6.429544	-3.604167	2.494417	0	
121	N121	6.429544	4.395833	2.494417	0	
122	N122	3.835794	-3.604167	-1.99809	0	
123	N123	3.835794	4.395833	-1.99809	0	
124	N124	1.700377	-3.604167	-5.69674	0	
125	N125	1.700377	4.395833	-5.69674	0	
126	N126	-6.650537	0	3.377189	0	
127	N127	-0.400537	0	-7.448129	0	
128	N128	-5.567204	0	1.5008	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N129	-5.78371	0	1.3758	0	
130	N130	-0.838037	0	-6.690357	0	
131	N131A	-1.054544	0	-6.815357	0	
132	N132A	-3.431787	0	-2.19785	0	
133	N133	-3.648294	0	-2.32285	0	
134	N134	-1.827621	0	-4.976348	0	
135	N135A	-2.044127	0	-5.101348	0	
136	N136A	-2.044127	-3.604167	-5.101348	0	
137	N137	-2.044127	4.395833	-5.101348	0	
138	N138	-1.054544	-3.604167	-6.815357	0	
139	N139	-1.054544	4.395833	-6.815357	0	
140	N140	-3.648294	-3.604167	-2.32285	0	
141	N141	-3.648294	4.395833	-2.32285	0	
142	N142	-5.78371	-3.604167	1.3758	0	
143	N143	-5.78371	4.395833	1.3758	0	
144	N144A	-0.1875	2.166667	4.32094	0	
145	N145	-0.1875	0.416667	4.32094	0	
146	N146	-0.1875	3.916667	4.32094	0	
147	N147	-0.1875	3.166667	4.32094	0	
148	N148A	-0.1875	1.166667	4.32094	0	
149	N149	6.25	3.75	4.07094	0	
150	N150	-6.25	3.75	4.07094	0	
151	N151	4.083333	3.75	4.07094	0	
152	N152	4.083333	3.75	4.32094	0	
153	N153	-5.375	3.75	4.07094	0	
154	N154	-5.375	3.75	4.32094	0	
155	N155	-0.1875	3.75	4.07094	0	
156	N156	-0.1875	3.75	4.32094	0	
157	N157	-3.395833	3.75	4.07094	0	
158	N158	-3.395833	3.75	4.32094	0	
159	N159	-1.430762	3.75	4.07094	0	
160	N160	-5.169162	3.75	4.07094	0	
161	N161	1.430762	3.75	4.07094	0	
162	N162	5.169162	3.75	4.07094	0	
163	N163	-1.881817	3.75	4.07094	0	
164	N164	-5.620217	3.75	4.07094	0	
165	N165	1.881817	3.75	4.07094	0	
166	N166	5.620217	3.75	4.07094	0	
167	N168	0.400537	3.75	-7.448129	0	
168	N169	6.650537	3.75	3.377189	0	
169	N170	1.483871	3.75	-5.57174	0	
170	N171	1.700377	3.75	-5.69674	0	
171	N172	6.213037	3.75	2.619417	0	
172	N173	6.429544	3.75	2.494417	0	
173	N174	3.619287	3.75	-1.87309	0	
174	N175	3.835794	3.75	-1.99809	0	
175	N176	5.223454	3.75	0.905408	0	
176	N177	5.43996	3.75	0.780408	0	
177	N179	-6.650537	3.75	3.377189	0	
178	N180	-0.400537	3.75	-7.448129	0	
179	N181	-5.567204	3.75	1.5008	0	
180	N182	-5.78371	3.75	1.3758	0	
181	N183	-0.838037	3.75	-6.690357	0	
182	N184	-1.054544	3.75	-6.815357	0	
183	N185	-3.431787	3.75	-2.19785	0	
184	N186	-3.648294	3.75	-2.32285	0	
185	N187	-1.827621	3.75	-4.976348	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N188	-2.044127	3.75	-5.101348	0	
187	N187A	-4.75	3.75	4.07094	0	
188	N188A	4.75	3.75	4.07094	0	
189	N189	-4.75	3.75	3.75844	0	
190	N191	4.75	3.75	3.75844	0	
191	N192	5.900537	3.75	2.078151	0	
192	N193	1.150537	3.75	-6.149091	0	
193	N194	5.629904	3.75	2.234401	0	
194	N195	0.879904	3.75	-5.992841	0	
195	N197	-1.150537	3.75	-6.149091	0	
196	N198	-5.900537	3.75	2.078151	0	
197	N199	-0.879904	3.75	-5.992841	0	
198	N200	-5.629904	3.75	2.234401	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Re...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossmem...	HSS4X4X4	Beam	SquareTube	A500 Gr.B Re...	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
6	Mod Support Rail C...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
7	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Mod Support Rail	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3
8	Q235	29000	11154	.3	.65	.49	35	1.5	58	1.2

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	M20	N10	N11			RIGID	None	None	RIGID	Typical
6	M21	N12	N13			RIGID	None	None	RIGID	Typical
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP3A	N17	N16			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
9	MP4A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	MP2A	N21	N20			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
11	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
12	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
13	M46	N86C	N87A			Corner Plate	Beam	BAR	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
14	M35A	N7	N30			RIGID	None	None	RIGID	Typical
15	M36A	N6	N29			RIGID	None	None	RIGID	Typical
16	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
17	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
18	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
19	M58	N102	N24			RIGID	None	None	RIGID	Typical
20	M59	N24	N103A			RIGID	None	None	RIGID	Typical
21	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
22	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
23	M79	N131	N86A			RIGID	None	None	RIGID	Typical
24	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
25	M83	N135	N86D			RIGID	None	None	RIGID	Typical
26	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
27	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M88	N144	N86B			RIGID	None	None	RIGID	Typical
29	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M92	N148	N86E			RIGID	None	None	RIGID	Typical
31	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
32	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
33	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
34	M34	N56	N61			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
35	M35	N65	N67			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
36	M36	N66	N57			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
37	M37	N76	N77			Corner Plate	Beam	BAR	A36 Gr.36	Typical
38	M38	N59	N64		240	RIGID	None	None	RIGID	Typical
39	M39	N58	N63		240	RIGID	None	None	RIGID	Typical
40	M40	N81	N58			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
41	M41	N59	N83			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
42	M42	N83	N84		240	RIGID	None	None	RIGID	Typical
43	M43A	N66	N60			RIGID	None	None	RIGID	Typical
44	M44	N60	N67			RIGID	None	None	RIGID	Typical
45	M45	N65	N69			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M46A	N69	N70			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M47	N70	N74			RIGID	None	None	RIGID	Typical
48	M48	N77	N71			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M49	N71	N78			RIGID	None	None	RIGID	Typical
50	M50A	N57	N68			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M51C	N68	N72			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
52	M52A	N72	N75			RIGID	None	None	RIGID	Typical
53	M53	N76	N73			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M54	N73	N79			RIGID	None	None	RIGID	Typical
55	M55	N84	N80			RIGID	None	None	RIGID	Typical
56	M56	N80	N82			RIGID	None	None	RIGID	Typical
57	M57	N81	N82		240	RIGID	None	None	RIGID	Typical
58	M58A	N85	N90			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
59	M59A	N94	N96			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
60	M60	N95	N86			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
61	M61	N105B	N106			Corner Plate	Beam	BAR	A36 Gr.36	Typical
62	M62	N88	N93		120	RIGID	None	None	RIGID	Typical
63	M63	N87	N92		120	RIGID	None	None	RIGID	Typical
64	M64	N110	N87			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
65	M65	N88	N112			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M66	N112	N113		120	RIGID	None	None	RIGID	Typical
67	M67	N95	N89			RIGID	None	None	RIGID	Typical
68	M68	N89	N96			RIGID	None	None	RIGID	Typical
69	M69	N94	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M70	N98	N99			Cross Arm Plate	Column	RECT	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
71	M71	N99	N103			RIGID	None	None	RIGID	Typical
72	M72	N106	N100			Corner Plate	Beam	BAR	A36 Gr.36	Typical
73	M73	N100	N107			RIGID	None	None	RIGID	Typical
74	M74	N86	N97			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
75	M75	N97	N101A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M76A	N101A	N104			RIGID	None	None	RIGID	Typical
77	M77A	N105B	N102A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
78	M78	N102A	N108			RIGID	None	None	RIGID	Typical
79	M79A	N113	N109A			RIGID	None	None	RIGID	Typical
80	M80A	N109A	N111			RIGID	None	None	RIGID	Typical
81	M81	N110	N111		120	RIGID	None	None	RIGID	Typical
82	M82	N108A	N109B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
83	M83A	N110A	N111A			RIGID	None	None	RIGID	Typical
84	M84A	N112A	N113A			RIGID	None	None	RIGID	Typical
85	M85A	N114	N115			RIGID	None	None	RIGID	Typical
86	M86	N116	N117			RIGID	None	None	RIGID	Typical
87	MP3C	N119	N118		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	MP4C	N121	N120		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	MP2C	N123	N122		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP1C	N125	N124		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	M91A	N126	N127			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
92	M92A	N128	N129			RIGID	None	None	RIGID	Typical
93	M93	N130	N131A			RIGID	None	None	RIGID	Typical
94	M94	N132A	N133			RIGID	None	None	RIGID	Typical
95	M95	N134	N135A			RIGID	None	None	RIGID	Typical
96	MP3B	N137	N136A		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	MP4B	N139	N138		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	MP2B	N141	N140		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
99	MP1B	N143	N142		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N149	N150			Mod Support ...	Column	Pipe	A53 Gr.B	Typical
101	M101	N151	N152			RIGID	None	None	RIGID	Typical
102	M102	N153	N154			RIGID	None	None	RIGID	Typical
103	M103	N155	N156			RIGID	None	None	RIGID	Typical
104	M104	N157	N158			RIGID	None	None	RIGID	Typical
105	M105	N168	N169			Mod Support ...	Column	Pipe	A53 Gr.B	Typical
106	M106	N170	N171			RIGID	None	None	RIGID	Typical
107	M107	N172	N173			RIGID	None	None	RIGID	Typical
108	M108	N174	N175			RIGID	None	None	RIGID	Typical
109	M109	N176	N177			RIGID	None	None	RIGID	Typical
110	M110	N179	N180			Mod Support ...	Column	Pipe	A53 Gr.B	Typical
111	M111	N181	N182			RIGID	None	None	RIGID	Typical
112	M112	N183	N184			RIGID	None	None	RIGID	Typical
113	M113	N185	N186			RIGID	None	None	RIGID	Typical
114	M114	N187	N188			RIGID	None	None	RIGID	Typical
115	M115	N189	N187A			RIGID	None	None	RIGID	Typical
116	M116	N191	N188A			RIGID	None	None	RIGID	Typical
117	M117	N194	N192			RIGID	None	None	RIGID	Typical
118	M118	N195	N193			RIGID	None	None	RIGID	Typical
119	M119	N199	N197			RIGID	None	None	RIGID	Typical
120	M120	N200	N198			RIGID	None	None	RIGID	Typical
121	M121	N200	N189		180	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
122	M122	N191	N194		180	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
123	M123	N195	N199		180	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical

Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
1	M1	Face Horizo...	12.5			Lbyy						Lateral
2	M4	Standoff Ho...	5.188			Lbyy						Lateral
3	M10	Platform Cr...	2.375			Lbyy						Lateral
4	MP3A	Mount Pipe	8			Lbyy						Lateral
5	MP4A	Mount Pipe	8			Lbyy						Lateral
6	MP2A	Mount Pipe	8			Lbyy						Lateral
7	MP1A	Mount Pipe	8			Lbyy						Lateral
8	M43	Platform Cr...	2.375			Lbyy						Lateral
9	M46	Corner Plate	1.031			Lbyy						Lateral
10	M51B	Grating Sup...	4.162			Lbyy						Lateral
11	M52B	Grating Sup...	4.162			Lbyy						Lateral
12	M76	Cross Arm ...	.219									Lateral
13	M77	Cross Arm ...	.167									Lateral
14	M80	Corner Plate	.112			Lbyy						Lateral
15	M84	Cross Arm ...	.219									Lateral
16	M85	Cross Arm ...	.167									Lateral
17	M91	Corner Plate	.112			Lbyy						Lateral
18	M34	Standoff Ho...	5.188			Lbyy						Lateral
19	M35	Platform Cr...	2.375			Lbyy						Lateral
20	M36	Platform Cr...	2.375			Lbyy						Lateral
21	M37	Corner Plate	1.031			Lbyy						Lateral
22	M40	Grating Sup...	4.162			Lbyy						Lateral
23	M41	Grating Sup...	4.162			Lbyy						Lateral
24	M45	Cross Arm ...	.219									Lateral
25	M46A	Cross Arm ...	.167									Lateral
26	M48	Corner Plate	.112			Lbyy						Lateral
27	M50A	Cross Arm ...	.219									Lateral
28	M51C	Cross Arm ...	.167									Lateral
29	M53	Corner Plate	.112			Lbyy						Lateral
30	M58A	Standoff Ho...	5.188			Lbyy						Lateral
31	M59A	Platform Cr...	2.375			Lbyy						Lateral
32	M60	Platform Cr...	2.375			Lbyy						Lateral
33	M61	Corner Plate	1.031			Lbyy						Lateral
34	M64	Grating Sup...	4.162			Lbyy						Lateral
35	M65	Grating Sup...	4.162			Lbyy						Lateral
36	M69	Cross Arm ...	.219									Lateral
37	M70	Cross Arm ...	.167									Lateral
38	M72	Corner Plate	.112			Lbyy						Lateral
39	M74	Cross Arm ...	.219									Lateral
40	M75	Cross Arm ...	.167									Lateral
41	M77A	Corner Plate	.112			Lbyy						Lateral
42	M82	Face Horizo...	12.5			Lbyy						Lateral
43	MP3C	Mount Pipe	8			Lbyy						Lateral
44	MP4C	Mount Pipe	8			Lbyy						Lateral
45	MP2C	Mount Pipe	8			Lbyy						Lateral
46	MP1C	Mount Pipe	8			Lbyy						Lateral
47	M91A	Face Horizo...	12.5			Lbyy						Lateral
48	MP3B	Mount Pipe	8			Lbyy						Lateral
49	MP4B	Mount Pipe	8			Lbyy						Lateral
50	MP2B	Mount Pipe	8			Lbyy						Lateral
51	MP1B	Mount Pipe	8			Lbyy						Lateral
52	M100	Mod Suppor...	12.5			Lbyy						Lateral
53	M105	Mod Suppor...	12.5			Lbyy						Lateral
54	M110	Mod Suppor...	12.5			Lbyy						Lateral
55	M121	Mod Suppor...	1.76			Lbyy						Lateral
56	M122	Mod Suppor...	1.76			Lbyy						Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
57	M123	Mod Suppor...	1.76			Lbyy						Lateral

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-43.55	1.23
2	MP4A	My	-.022	1.23
3	MP4A	Mz	0	1.23
4	MP4A	Y	-43.55	3.23
5	MP4A	My	-.022	3.23
6	MP4A	Mz	0	3.23
7	MP4B	Y	-43.55	1.23
8	MP4B	My	.02	1.23
9	MP4B	Mz	-.007	1.23
10	MP4B	Y	-43.55	3.23
11	MP4B	My	.02	3.23
12	MP4B	Mz	-.007	3.23
13	MP4C	Y	-43.55	1.23
14	MP4C	My	.004	1.23
15	MP4C	Mz	.021	1.23
16	MP4C	Y	-43.55	3.23
17	MP4C	My	.004	3.23
18	MP4C	Mz	.021	3.23
19	MP1A	Y	-45.75	.48
20	MP1A	My	-.048	.48
21	MP1A	Mz	.042	.48
22	MP1A	Y	-45.75	3.98
23	MP1A	My	-.048	3.98
24	MP1A	Mz	.042	3.98
25	MP1A	Y	-45.75	.48
26	MP1A	My	-.048	.48
27	MP1A	Mz	-.042	.48
28	MP1A	Y	-45.75	3.98
29	MP1A	My	-.048	3.98
30	MP1A	Mz	-.042	3.98
31	MP1B	Y	-31.65	.48
32	MP1B	My	.023	.48
33	MP1B	Mz	-.034	.48
34	MP1B	Y	-31.65	3.98
35	MP1B	My	.023	3.98
36	MP1B	Mz	-.034	3.98
37	MP1C	Y	-31.65	.48
38	MP1C	My	.029	.48
39	MP1C	Mz	.028	.48
40	MP1C	Y	-31.65	3.98
41	MP1C	My	.029	3.98
42	MP1C	Mz	.028	3.98
43	MP1B	Y	-31.65	.48
44	MP1B	My	.039	.48
45	MP1B	Mz	.011	.48
46	MP1B	Y	-31.65	3.98
47	MP1B	My	.039	3.98
48	MP1B	Mz	.011	3.98
49	MP1C	Y	-31.65	.48
50	MP1C	My	-.018	.48
51	MP1C	Mz	.037	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP1C	Y	-31.65	3.98
53	MP1C	My	-.018	3.98
54	MP1C	Mz	.037	3.98
55	MP1A	Y	-10.4	2.23
56	MP1A	My	.008	2.23
57	MP1A	Mz	0	2.23
58	MP1B	Y	-10.4	2.23
59	MP1B	My	.008	2.23
60	MP1B	Mz	0	2.23
61	MP1C	Y	-10.4	2.23
62	MP1C	My	.008	2.23
63	MP1C	Mz	0	2.23
64	MP2A	Y	-84.4	2.23
65	MP2A	My	.065	2.23
66	MP2A	Mz	0	2.23
67	MP2B	Y	-84.4	2.23
68	MP2B	My	-.061	2.23
69	MP2B	Mz	.022	2.23
70	MP2C	Y	-84.4	2.23
71	MP2C	My	-.011	2.23
72	MP2C	Mz	-.064	2.23
73	MP3A	Y	-70.3	2.23
74	MP3A	My	.035	2.23
75	MP3A	Mz	0	2.23
76	MP3B	Y	-70.3	2.23
77	MP3B	My	-.033	2.23
78	MP3B	Mz	.012	2.23
79	MP3C	Y	-70.3	2.23
80	MP3C	My	-.006	2.23
81	MP3C	Mz	-.035	2.23

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-34.498	1.23
2	MP4A	My	-.017	1.23
3	MP4A	Mz	0	1.23
4	MP4A	Y	-34.498	3.23
5	MP4A	My	-.017	3.23
6	MP4A	Mz	0	3.23
7	MP4B	Y	-34.498	1.23
8	MP4B	My	.016	1.23
9	MP4B	Mz	-.006	1.23
10	MP4B	Y	-34.498	3.23
11	MP4B	My	.016	3.23
12	MP4B	Mz	-.006	3.23
13	MP4C	Y	-34.498	1.23
14	MP4C	My	.003	1.23
15	MP4C	Mz	.017	1.23
16	MP4C	Y	-34.498	3.23
17	MP4C	My	.003	3.23
18	MP4C	Mz	.017	3.23
19	MP1A	Y	-76.303	.48
20	MP1A	My	-.079	.48
21	MP1A	Mz	.07	.48
22	MP1A	Y	-76.303	3.98
23	MP1A	My	-.079	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP1A	Mz	.07	3.98
25	MP1A	Y	-76.303	.48
26	MP1A	My	-.079	.48
27	MP1A	Mz	-.07	.48
28	MP1A	Y	-76.303	3.98
29	MP1A	My	-.079	3.98
30	MP1A	Mz	-.07	3.98
31	MP1B	Y	-67.794	.48
32	MP1B	My	.049	.48
33	MP1B	Mz	-.072	.48
34	MP1B	Y	-67.794	3.98
35	MP1B	My	.049	3.98
36	MP1B	Mz	-.072	3.98
37	MP1C	Y	-67.794	.48
38	MP1C	My	.062	.48
39	MP1C	Mz	.061	.48
40	MP1C	Y	-67.794	3.98
41	MP1C	My	.062	3.98
42	MP1C	Mz	.061	3.98
43	MP1B	Y	-67.794	.48
44	MP1B	My	.084	.48
45	MP1B	Mz	.024	.48
46	MP1B	Y	-67.794	3.98
47	MP1B	My	.084	3.98
48	MP1B	Mz	.024	3.98
49	MP1C	Y	-67.794	.48
50	MP1C	My	-.038	.48
51	MP1C	Mz	.078	.48
52	MP1C	Y	-67.794	3.98
53	MP1C	My	-.038	3.98
54	MP1C	Mz	.078	3.98
55	MP1A	Y	-10.359	2.23
56	MP1A	My	.008	2.23
57	MP1A	Mz	0	2.23
58	MP1B	Y	-10.359	2.23
59	MP1B	My	.008	2.23
60	MP1B	Mz	0	2.23
61	MP1C	Y	-10.359	2.23
62	MP1C	My	.008	2.23
63	MP1C	Mz	0	2.23
64	MP2A	Y	-43.474	2.23
65	MP2A	My	.034	2.23
66	MP2A	Mz	0	2.23
67	MP2B	Y	-43.474	2.23
68	MP2B	My	-.031	2.23
69	MP2B	Mz	.011	2.23
70	MP2C	Y	-43.474	2.23
71	MP2C	My	-.006	2.23
72	MP2C	Mz	-.033	2.23
73	MP3A	Y	-39.087	2.23
74	MP3A	My	.02	2.23
75	MP3A	Mz	0	2.23
76	MP3B	Y	-39.087	2.23
77	MP3B	My	-.018	2.23
78	MP3B	Mz	.007	2.23
79	MP3C	Y	-39.087	2.23
80	MP3C	My	-.003	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3C	Mz	-.019	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.23
2	MP4A	Z	-68.192	1.23
3	MP4A	Mx	0	1.23
4	MP4A	X	0	3.23
5	MP4A	Z	-68.192	3.23
6	MP4A	Mx	0	3.23
7	MP4B	X	0	1.23
8	MP4B	Z	-63.338	1.23
9	MP4B	Mx	.011	1.23
10	MP4B	X	0	3.23
11	MP4B	Z	-63.338	3.23
12	MP4B	Mx	.011	3.23
13	MP4C	X	0	1.23
14	MP4C	Z	-27.948	1.23
15	MP4C	Mx	-.014	1.23
16	MP4C	X	0	3.23
17	MP4C	Z	-27.948	3.23
18	MP4C	Mx	-.014	3.23
19	MP1A	X	0	.48
20	MP1A	Z	-165.402	.48
21	MP1A	Mx	-.152	.48
22	MP1A	X	0	3.98
23	MP1A	Z	-165.402	3.98
24	MP1A	Mx	-.152	3.98
25	MP1A	X	0	.48
26	MP1A	Z	-165.402	.48
27	MP1A	Mx	.152	.48
28	MP1A	X	0	3.98
29	MP1A	Z	-165.402	3.98
30	MP1A	Mx	.152	3.98
31	MP1B	X	0	.48
32	MP1B	Z	-126.87	.48
33	MP1B	Mx	.135	.48
34	MP1B	X	0	3.98
35	MP1B	Z	-126.87	3.98
36	MP1B	Mx	.135	3.98
37	MP1C	X	0	.48
38	MP1C	Z	-88.18	.48
39	MP1C	Mx	-.079	.48
40	MP1C	X	0	3.98
41	MP1C	Z	-88.18	3.98
42	MP1C	Mx	-.079	3.98
43	MP1B	X	0	.48
44	MP1B	Z	-126.87	.48
45	MP1B	Mx	-.044	.48
46	MP1B	X	0	3.98
47	MP1B	Z	-126.87	3.98
48	MP1B	Mx	-.044	3.98
49	MP1C	X	0	.48
50	MP1C	Z	-88.18	.48
51	MP1C	Mx	-.102	.48
52	MP1C	X	0	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1C	Z	-88.18	3.98
54	MP1C	Mx	-.102	3.98
55	MP1A	X	0	2.23
56	MP1A	Z	-10.737	2.23
57	MP1A	Mx	0	2.23
58	MP1B	X	0	2.23
59	MP1B	Z	-10.737	2.23
60	MP1B	Mx	0	2.23
61	MP1C	X	0	2.23
62	MP1C	Z	-10.737	2.23
63	MP1C	Mx	0	2.23
64	MP2A	X	0	2.23
65	MP2A	Z	-54.263	2.23
66	MP2A	Mx	0	2.23
67	MP2B	X	0	2.23
68	MP2B	Z	-52.159	2.23
69	MP2B	Mx	-.014	2.23
70	MP2C	X	0	2.23
71	MP2C	Z	-36.815	2.23
72	MP2C	Mx	.028	2.23
73	MP3A	X	0	2.23
74	MP3A	Z	-54.263	2.23
75	MP3A	Mx	0	2.23
76	MP3B	X	0	2.23
77	MP3B	Z	-51.353	2.23
78	MP3B	Mx	-.009	2.23
79	MP3C	X	0	2.23
80	MP3C	Z	-30.131	2.23
81	MP3C	Mx	.015	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	28.909	1.23
2	MP4A	Z	-50.072	1.23
3	MP4A	Mx	-.014	1.23
4	MP4A	X	28.909	3.23
5	MP4A	Z	-50.072	3.23
6	MP4A	Mx	-.014	3.23
7	MP4B	X	21.921	1.23
8	MP4B	Z	-37.968	1.23
9	MP4B	Mx	.017	1.23
10	MP4B	X	21.921	3.23
11	MP4B	Z	-37.968	3.23
12	MP4B	Mx	.017	3.23
13	MP4C	X	21.921	1.23
14	MP4C	Z	-37.968	1.23
15	MP4C	Mx	-.017	1.23
16	MP4C	X	21.921	3.23
17	MP4C	Z	-37.968	3.23
18	MP4C	Mx	-.017	3.23
19	MP1A	X	71.608	.48
20	MP1A	Z	-124.028	.48
21	MP1A	Mx	-.188	.48
22	MP1A	X	71.608	3.98
23	MP1A	Z	-124.028	3.98
24	MP1A	Mx	-.188	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1A	X	71.608	.48
26	MP1A	Z	-124.028	.48
27	MP1A	Mx	.039	.48
28	MP1A	X	71.608	3.98
29	MP1A	Z	-124.028	3.98
30	MP1A	Mx	.039	3.98
31	MP1B	X	52.778	.48
32	MP1B	Z	-91.414	.48
33	MP1B	Mx	.135	.48
34	MP1B	X	52.778	3.98
35	MP1B	Z	-91.414	3.98
36	MP1B	Mx	.135	3.98
37	MP1C	X	52.778	.48
38	MP1C	Z	-91.414	.48
39	MP1C	Mx	-.033	.48
40	MP1C	X	52.778	3.98
41	MP1C	Z	-91.414	3.98
42	MP1C	Mx	-.033	3.98
43	MP1B	X	52.778	.48
44	MP1B	Z	-91.414	.48
45	MP1B	Mx	.033	.48
46	MP1B	X	52.778	3.98
47	MP1B	Z	-91.414	3.98
48	MP1B	Mx	.033	3.98
49	MP1C	X	52.778	.48
50	MP1C	Z	-91.414	.48
51	MP1C	Mx	-.135	.48
52	MP1C	X	52.778	3.98
53	MP1C	Z	-91.414	3.98
54	MP1C	Mx	-.135	3.98
55	MP1A	X	4.955	2.23
56	MP1A	Z	-8.582	2.23
57	MP1A	Mx	.004	2.23
58	MP1B	X	4.955	2.23
59	MP1B	Z	-8.582	2.23
60	MP1B	Mx	.004	2.23
61	MP1C	X	4.955	2.23
62	MP1C	Z	-8.582	2.23
63	MP1C	Mx	.004	2.23
64	MP2A	X	24.883	2.23
65	MP2A	Z	-43.098	2.23
66	MP2A	Mx	.019	2.23
67	MP2B	X	21.853	2.23
68	MP2B	Z	-37.85	2.23
69	MP2B	Mx	-.026	2.23
70	MP2C	X	21.853	2.23
71	MP2C	Z	-37.85	2.23
72	MP2C	Mx	.026	2.23
73	MP3A	X	24.021	2.23
74	MP3A	Z	-41.606	2.23
75	MP3A	Mx	.012	2.23
76	MP3B	X	19.831	2.23
77	MP3B	Z	-34.348	2.23
78	MP3B	Mx	-.015	2.23
79	MP3C	X	19.831	2.23
80	MP3C	Z	-34.348	2.23
81	MP3C	Mx	.015	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	32.104	1.23
2	MP4A	Z	-18.535	1.23
3	MP4A	Mx	-.016	1.23
4	MP4A	X	32.104	3.23
5	MP4A	Z	-18.535	3.23
6	MP4A	Mx	-.016	3.23
7	MP4B	X	24.204	1.23
8	MP4B	Z	-13.974	1.23
9	MP4B	Mx	.014	1.23
10	MP4B	X	24.204	3.23
11	MP4B	Z	-13.974	3.23
12	MP4B	Mx	.014	3.23
13	MP4C	X	54.852	1.23
14	MP4C	Z	-31.669	1.23
15	MP4C	Mx	-.011	1.23
16	MP4C	X	54.852	3.23
17	MP4C	Z	-31.669	3.23
18	MP4C	Mx	-.011	3.23
19	MP1A	X	85.6	.48
20	MP1A	Z	-49.421	.48
21	MP1A	Mx	-.134	.48
22	MP1A	X	85.6	3.98
23	MP1A	Z	-49.421	3.98
24	MP1A	Mx	-.134	3.98
25	MP1A	X	85.6	.48
26	MP1A	Z	-49.421	.48
27	MP1A	Mx	-.044	.48
28	MP1A	X	85.6	3.98
29	MP1A	Z	-49.421	3.98
30	MP1A	Mx	-.044	3.98
31	MP1B	X	76.366	.48
32	MP1B	Z	-44.09	.48
33	MP1B	Mx	.102	.48
34	MP1B	X	76.366	3.98
35	MP1B	Z	-44.09	3.98
36	MP1B	Mx	.102	3.98
37	MP1C	X	109.872	.48
38	MP1C	Z	-63.435	.48
39	MP1C	Mx	.044	.48
40	MP1C	X	109.872	3.98
41	MP1C	Z	-63.435	3.98
42	MP1C	Mx	.044	3.98
43	MP1B	X	76.366	.48
44	MP1B	Z	-44.09	.48
45	MP1B	Mx	.079	.48
46	MP1B	X	76.366	3.98
47	MP1B	Z	-44.09	3.98
48	MP1B	Mx	.079	3.98
49	MP1C	X	109.872	.48
50	MP1C	Z	-63.435	.48
51	MP1C	Mx	-.135	.48
52	MP1C	X	109.872	3.98
53	MP1C	Z	-63.435	3.98
54	MP1C	Mx	-.135	3.98
55	MP1A	X	7.15	2.23
56	MP1A	Z	-4.128	2.23
57	MP1A	Mx	.005	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1B	X	7.15	2.23
59	MP1B	Z	-4.128	2.23
60	MP1B	Mx	.005	2.23
61	MP1C	X	7.15	2.23
62	MP1C	Z	-4.128	2.23
63	MP1C	Mx	.005	2.23
64	MP2A	X	35.308	2.23
65	MP2A	Z	-20.385	2.23
66	MP2A	Mx	.027	2.23
67	MP2B	X	31.883	2.23
68	MP2B	Z	-18.407	2.23
69	MP2B	Mx	-.028	2.23
70	MP2C	X	45.171	2.23
71	MP2C	Z	-26.079	2.23
72	MP2C	Mx	.014	2.23
73	MP3A	X	30.832	2.23
74	MP3A	Z	-17.801	2.23
75	MP3A	Mx	.015	2.23
76	MP3B	X	26.094	2.23
77	MP3B	Z	-15.065	2.23
78	MP3B	Mx	-.015	2.23
79	MP3C	X	44.473	2.23
80	MP3C	Z	-25.676	2.23
81	MP3C	Mx	.009	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	26.697	1.23
2	MP4A	Z	0	1.23
3	MP4A	Mx	-.013	1.23
4	MP4A	X	26.697	3.23
5	MP4A	Z	0	3.23
6	MP4A	Mx	-.013	3.23
7	MP4B	X	31.551	1.23
8	MP4B	Z	0	1.23
9	MP4B	Mx	.015	1.23
10	MP4B	X	31.551	3.23
11	MP4B	Z	0	3.23
12	MP4B	Mx	.015	3.23
13	MP4C	X	66.941	1.23
14	MP4C	Z	0	1.23
15	MP4C	Mx	.006	1.23
16	MP4C	X	66.941	3.23
17	MP4C	Z	0	3.23
18	MP4C	Mx	.006	3.23
19	MP1A	X	76.656	.48
20	MP1A	Z	0	.48
21	MP1A	Mx	-.08	.48
22	MP1A	X	76.656	3.98
23	MP1A	Z	0	3.98
24	MP1A	Mx	-.08	3.98
25	MP1A	X	76.656	.48
26	MP1A	Z	0	.48
27	MP1A	Mx	-.08	.48
28	MP1A	X	76.656	3.98
29	MP1A	Z	0	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP1A	Mx	-.08	3.98
31	MP1B	X	92.118	.48
32	MP1B	Z	0	.48
33	MP1B	Mx	.067	.48
34	MP1B	X	92.118	3.98
35	MP1B	Z	0	3.98
36	MP1B	Mx	.067	3.98
37	MP1C	X	130.808	.48
38	MP1C	Z	0	.48
39	MP1C	Mx	.12	.48
40	MP1C	X	130.808	3.98
41	MP1C	Z	0	3.98
42	MP1C	Mx	.12	3.98
43	MP1B	X	92.118	.48
44	MP1B	Z	0	.48
45	MP1B	Mx	.114	.48
46	MP1B	X	92.118	3.98
47	MP1B	Z	0	3.98
48	MP1B	Mx	.114	3.98
49	MP1C	X	130.808	.48
50	MP1C	Z	0	.48
51	MP1C	Mx	-.073	.48
52	MP1C	X	130.808	3.98
53	MP1C	Z	0	3.98
54	MP1C	Mx	-.073	3.98
55	MP1A	X	7.429	2.23
56	MP1A	Z	0	2.23
57	MP1A	Mx	.005	2.23
58	MP1B	X	7.429	2.23
59	MP1B	Z	0	2.23
60	MP1B	Mx	.005	2.23
61	MP1C	X	7.429	2.23
62	MP1C	Z	0	2.23
63	MP1C	Mx	.005	2.23
64	MP2A	X	36.272	2.23
65	MP2A	Z	0	2.23
66	MP2A	Mx	.028	2.23
67	MP2B	X	38.377	2.23
68	MP2B	Z	0	2.23
69	MP2B	Mx	-.028	2.23
70	MP2C	X	53.721	2.23
71	MP2C	Z	0	2.23
72	MP2C	Mx	-.007	2.23
73	MP3A	X	29.381	2.23
74	MP3A	Z	0	2.23
75	MP3A	Mx	.015	2.23
76	MP3B	X	32.291	2.23
77	MP3B	Z	0	2.23
78	MP3B	Mx	-.015	2.23
79	MP3C	X	53.513	2.23
80	MP3C	Z	0	2.23
81	MP3C	Mx	-.005	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	32.104	1.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP4A	Z	18.535	1.23
3	MP4A	Mx	-.016	1.23
4	MP4A	X	32.104	3.23
5	MP4A	Z	18.535	3.23
6	MP4A	Mx	-.016	3.23
7	MP4B	X	44.208	1.23
8	MP4B	Z	25.524	1.23
9	MP4B	Mx	.016	1.23
10	MP4B	X	44.208	3.23
11	MP4B	Z	25.524	3.23
12	MP4B	Mx	.016	3.23
13	MP4C	X	44.208	1.23
14	MP4C	Z	25.524	1.23
15	MP4C	Mx	.016	1.23
16	MP4C	X	44.208	3.23
17	MP4C	Z	25.524	3.23
18	MP4C	Mx	.016	3.23
19	MP1A	X	85.6	.48
20	MP1A	Z	49.421	.48
21	MP1A	Mx	-.044	.48
22	MP1A	X	85.6	3.98
23	MP1A	Z	49.421	3.98
24	MP1A	Mx	-.044	3.98
25	MP1A	X	85.6	.48
26	MP1A	Z	49.421	.48
27	MP1A	Mx	-.134	.48
28	MP1A	X	85.6	3.98
29	MP1A	Z	49.421	3.98
30	MP1A	Mx	-.134	3.98
31	MP1B	X	98.236	.48
32	MP1B	Z	56.716	.48
33	MP1B	Mx	.011	.48
34	MP1B	X	98.236	3.98
35	MP1B	Z	56.716	3.98
36	MP1B	Mx	.011	3.98
37	MP1C	X	98.236	.48
38	MP1C	Z	56.716	.48
39	MP1C	Mx	.141	.48
40	MP1C	X	98.236	3.98
41	MP1C	Z	56.716	3.98
42	MP1C	Mx	.141	3.98
43	MP1B	X	98.236	.48
44	MP1B	Z	56.716	.48
45	MP1B	Mx	.141	.48
46	MP1B	X	98.236	3.98
47	MP1B	Z	56.716	3.98
48	MP1B	Mx	.141	3.98
49	MP1C	X	98.236	.48
50	MP1C	Z	56.716	.48
51	MP1C	Mx	.011	.48
52	MP1C	X	98.236	3.98
53	MP1C	Z	56.716	3.98
54	MP1C	Mx	.011	3.98
55	MP1A	X	7.15	2.23
56	MP1A	Z	4.128	2.23
57	MP1A	Mx	.005	2.23
58	MP1B	X	7.15	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP1B	Z	4.128	2.23
60	MP1B	Mx	.005	2.23
61	MP1C	X	7.15	2.23
62	MP1C	Z	4.128	2.23
63	MP1C	Mx	.005	2.23
64	MP2A	X	35.308	2.23
65	MP2A	Z	20.385	2.23
66	MP2A	Mx	.027	2.23
67	MP2B	X	40.556	2.23
68	MP2B	Z	23.415	2.23
69	MP2B	Mx	-.023	2.23
70	MP2C	X	40.556	2.23
71	MP2C	Z	23.415	2.23
72	MP2C	Mx	-.023	2.23
73	MP3A	X	30.832	2.23
74	MP3A	Z	17.801	2.23
75	MP3A	Mx	.015	2.23
76	MP3B	X	38.09	2.23
77	MP3B	Z	21.991	2.23
78	MP3B	Mx	-.014	2.23
79	MP3C	X	38.09	2.23
80	MP3C	Z	21.991	2.23
81	MP3C	Mx	-.014	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	28.909	1.23
2	MP4A	Z	50.072	1.23
3	MP4A	Mx	-.014	1.23
4	MP4A	X	28.909	3.23
5	MP4A	Z	50.072	3.23
6	MP4A	Mx	-.014	3.23
7	MP4B	X	33.47	1.23
8	MP4B	Z	57.972	1.23
9	MP4B	Mx	.006	1.23
10	MP4B	X	33.47	3.23
11	MP4B	Z	57.972	3.23
12	MP4B	Mx	.006	3.23
13	MP4C	X	15.776	1.23
14	MP4C	Z	27.324	1.23
15	MP4C	Mx	.015	1.23
16	MP4C	X	15.776	3.23
17	MP4C	Z	27.324	3.23
18	MP4C	Mx	.015	3.23
19	MP1A	X	71.608	.48
20	MP1A	Z	124.028	.48
21	MP1A	Mx	.039	.48
22	MP1A	X	71.608	3.98
23	MP1A	Z	124.028	3.98
24	MP1A	Mx	.039	3.98
25	MP1A	X	71.608	.48
26	MP1A	Z	124.028	.48
27	MP1A	Mx	-.188	.48
28	MP1A	X	71.608	3.98
29	MP1A	Z	124.028	3.98
30	MP1A	Mx	-.188	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP1B	X	65.404	.48
32	MP1B	Z	113.283	.48
33	MP1B	Mx	-.073	.48
34	MP1B	X	65.404	3.98
35	MP1B	Z	113.283	3.98
36	MP1B	Mx	-.073	3.98
37	MP1C	X	46.059	.48
38	MP1C	Z	79.777	.48
39	MP1C	Mx	.114	.48
40	MP1C	X	46.059	3.98
41	MP1C	Z	79.777	3.98
42	MP1C	Mx	.114	3.98
43	MP1B	X	65.404	.48
44	MP1B	Z	113.283	.48
45	MP1B	Mx	.12	.48
46	MP1B	X	65.404	3.98
47	MP1B	Z	113.283	3.98
48	MP1B	Mx	.12	3.98
49	MP1C	X	46.059	.48
50	MP1C	Z	79.777	.48
51	MP1C	Mx	.067	.48
52	MP1C	X	46.059	3.98
53	MP1C	Z	79.777	3.98
54	MP1C	Mx	.067	3.98
55	MP1A	X	4.955	2.23
56	MP1A	Z	8.582	2.23
57	MP1A	Mx	.004	2.23
58	MP1B	X	4.955	2.23
59	MP1B	Z	8.582	2.23
60	MP1B	Mx	.004	2.23
61	MP1C	X	4.955	2.23
62	MP1C	Z	8.582	2.23
63	MP1C	Mx	.004	2.23
64	MP2A	X	24.883	2.23
65	MP2A	Z	43.098	2.23
66	MP2A	Mx	.019	2.23
67	MP2B	X	26.86	2.23
68	MP2B	Z	46.524	2.23
69	MP2B	Mx	-.007	2.23
70	MP2C	X	19.188	2.23
71	MP2C	Z	33.235	2.23
72	MP2C	Mx	-.028	2.23
73	MP3A	X	24.021	2.23
74	MP3A	Z	41.606	2.23
75	MP3A	Mx	.012	2.23
76	MP3B	X	26.757	2.23
77	MP3B	Z	46.344	2.23
78	MP3B	Mx	-.005	2.23
79	MP3C	X	16.146	2.23
80	MP3C	Z	27.965	2.23
81	MP3C	Mx	-.015	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.23
2	MP4A	Z	68.192	1.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP4A	Mx	0	1.23
4	MP4A	X	0	3.23
5	MP4A	Z	68.192	3.23
6	MP4A	Mx	0	3.23
7	MP4B	X	0	1.23
8	MP4B	Z	63.338	1.23
9	MP4B	Mx	-.011	1.23
10	MP4B	X	0	3.23
11	MP4B	Z	63.338	3.23
12	MP4B	Mx	-.011	3.23
13	MP4C	X	0	1.23
14	MP4C	Z	27.948	1.23
15	MP4C	Mx	.014	1.23
16	MP4C	X	0	3.23
17	MP4C	Z	27.948	3.23
18	MP4C	Mx	.014	3.23
19	MP1A	X	0	.48
20	MP1A	Z	165.402	.48
21	MP1A	Mx	.152	.48
22	MP1A	X	0	3.98
23	MP1A	Z	165.402	3.98
24	MP1A	Mx	.152	3.98
25	MP1A	X	0	.48
26	MP1A	Z	165.402	.48
27	MP1A	Mx	-.152	.48
28	MP1A	X	0	3.98
29	MP1A	Z	165.402	3.98
30	MP1A	Mx	-.152	3.98
31	MP1B	X	0	.48
32	MP1B	Z	126.87	.48
33	MP1B	Mx	-.135	.48
34	MP1B	X	0	3.98
35	MP1B	Z	126.87	3.98
36	MP1B	Mx	-.135	3.98
37	MP1C	X	0	.48
38	MP1C	Z	88.18	.48
39	MP1C	Mx	.079	.48
40	MP1C	X	0	3.98
41	MP1C	Z	88.18	3.98
42	MP1C	Mx	.079	3.98
43	MP1B	X	0	.48
44	MP1B	Z	126.87	.48
45	MP1B	Mx	.044	.48
46	MP1B	X	0	3.98
47	MP1B	Z	126.87	3.98
48	MP1B	Mx	.044	3.98
49	MP1C	X	0	.48
50	MP1C	Z	88.18	.48
51	MP1C	Mx	.102	.48
52	MP1C	X	0	3.98
53	MP1C	Z	88.18	3.98
54	MP1C	Mx	.102	3.98
55	MP1A	X	0	2.23
56	MP1A	Z	10.737	2.23
57	MP1A	Mx	0	2.23
58	MP1B	X	0	2.23
59	MP1B	Z	10.737	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	0	2.23
61	MP1C	X	0	2.23
62	MP1C	Z	10.737	2.23
63	MP1C	Mx	0	2.23
64	MP2A	X	0	2.23
65	MP2A	Z	54.263	2.23
66	MP2A	Mx	0	2.23
67	MP2B	X	0	2.23
68	MP2B	Z	52.159	2.23
69	MP2B	Mx	.014	2.23
70	MP2C	X	0	2.23
71	MP2C	Z	36.815	2.23
72	MP2C	Mx	-.028	2.23
73	MP3A	X	0	2.23
74	MP3A	Z	54.263	2.23
75	MP3A	Mx	0	2.23
76	MP3B	X	0	2.23
77	MP3B	Z	51.353	2.23
78	MP3B	Mx	.009	2.23
79	MP3C	X	0	2.23
80	MP3C	Z	30.131	2.23
81	MP3C	Mx	-.015	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-28.909	1.23
2	MP4A	Z	50.072	1.23
3	MP4A	Mx	.014	1.23
4	MP4A	X	-28.909	3.23
5	MP4A	Z	50.072	3.23
6	MP4A	Mx	.014	3.23
7	MP4B	X	-21.921	1.23
8	MP4B	Z	37.968	1.23
9	MP4B	Mx	-.017	1.23
10	MP4B	X	-21.921	3.23
11	MP4B	Z	37.968	3.23
12	MP4B	Mx	-.017	3.23
13	MP4C	X	-21.921	1.23
14	MP4C	Z	37.968	1.23
15	MP4C	Mx	.017	1.23
16	MP4C	X	-21.921	3.23
17	MP4C	Z	37.968	3.23
18	MP4C	Mx	.017	3.23
19	MP1A	X	-71.608	.48
20	MP1A	Z	124.028	.48
21	MP1A	Mx	.188	.48
22	MP1A	X	-71.608	3.98
23	MP1A	Z	124.028	3.98
24	MP1A	Mx	.188	3.98
25	MP1A	X	-71.608	.48
26	MP1A	Z	124.028	.48
27	MP1A	Mx	-.039	.48
28	MP1A	X	-71.608	3.98
29	MP1A	Z	124.028	3.98
30	MP1A	Mx	-.039	3.98
31	MP1B	X	-52.778	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP1B	Z	91.414	.48
33	MP1B	Mx	-.135	.48
34	MP1B	X	-52.778	3.98
35	MP1B	Z	91.414	3.98
36	MP1B	Mx	-.135	3.98
37	MP1C	X	-52.778	.48
38	MP1C	Z	91.414	.48
39	MP1C	Mx	.033	.48
40	MP1C	X	-52.778	3.98
41	MP1C	Z	91.414	3.98
42	MP1C	Mx	.033	3.98
43	MP1B	X	-52.778	.48
44	MP1B	Z	91.414	.48
45	MP1B	Mx	-.033	.48
46	MP1B	X	-52.778	3.98
47	MP1B	Z	91.414	3.98
48	MP1B	Mx	-.033	3.98
49	MP1C	X	-52.778	.48
50	MP1C	Z	91.414	.48
51	MP1C	Mx	.135	.48
52	MP1C	X	-52.778	3.98
53	MP1C	Z	91.414	3.98
54	MP1C	Mx	.135	3.98
55	MP1A	X	-4.955	2.23
56	MP1A	Z	8.582	2.23
57	MP1A	Mx	-.004	2.23
58	MP1B	X	-4.955	2.23
59	MP1B	Z	8.582	2.23
60	MP1B	Mx	-.004	2.23
61	MP1C	X	-4.955	2.23
62	MP1C	Z	8.582	2.23
63	MP1C	Mx	-.004	2.23
64	MP2A	X	-24.883	2.23
65	MP2A	Z	43.098	2.23
66	MP2A	Mx	-.019	2.23
67	MP2B	X	-21.853	2.23
68	MP2B	Z	37.85	2.23
69	MP2B	Mx	.026	2.23
70	MP2C	X	-21.853	2.23
71	MP2C	Z	37.85	2.23
72	MP2C	Mx	-.026	2.23
73	MP3A	X	-24.021	2.23
74	MP3A	Z	41.606	2.23
75	MP3A	Mx	-.012	2.23
76	MP3B	X	-19.831	2.23
77	MP3B	Z	34.348	2.23
78	MP3B	Mx	.015	2.23
79	MP3C	X	-19.831	2.23
80	MP3C	Z	34.348	2.23
81	MP3C	Mx	-.015	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-32.104	1.23
2	MP4A	Z	18.535	1.23
3	MP4A	Mx	.016	1.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP4A	X	-32.104	3.23
5	MP4A	Z	18.535	3.23
6	MP4A	Mx	.016	3.23
7	MP4B	X	-24.204	1.23
8	MP4B	Z	13.974	1.23
9	MP4B	Mx	-.014	1.23
10	MP4B	X	-24.204	3.23
11	MP4B	Z	13.974	3.23
12	MP4B	Mx	-.014	3.23
13	MP4C	X	-54.852	1.23
14	MP4C	Z	31.669	1.23
15	MP4C	Mx	.011	1.23
16	MP4C	X	-54.852	3.23
17	MP4C	Z	31.669	3.23
18	MP4C	Mx	.011	3.23
19	MP1A	X	-85.6	.48
20	MP1A	Z	49.421	.48
21	MP1A	Mx	.134	.48
22	MP1A	X	-85.6	3.98
23	MP1A	Z	49.421	3.98
24	MP1A	Mx	.134	3.98
25	MP1A	X	-85.6	.48
26	MP1A	Z	49.421	.48
27	MP1A	Mx	.044	.48
28	MP1A	X	-85.6	3.98
29	MP1A	Z	49.421	3.98
30	MP1A	Mx	.044	3.98
31	MP1B	X	-76.366	.48
32	MP1B	Z	44.09	.48
33	MP1B	Mx	-.102	.48
34	MP1B	X	-76.366	3.98
35	MP1B	Z	44.09	3.98
36	MP1B	Mx	-.102	3.98
37	MP1C	X	-109.872	.48
38	MP1C	Z	63.435	.48
39	MP1C	Mx	-.044	.48
40	MP1C	X	-109.872	3.98
41	MP1C	Z	63.435	3.98
42	MP1C	Mx	-.044	3.98
43	MP1B	X	-76.366	.48
44	MP1B	Z	44.09	.48
45	MP1B	Mx	-.079	.48
46	MP1B	X	-76.366	3.98
47	MP1B	Z	44.09	3.98
48	MP1B	Mx	-.079	3.98
49	MP1C	X	-109.872	.48
50	MP1C	Z	63.435	.48
51	MP1C	Mx	.135	.48
52	MP1C	X	-109.872	3.98
53	MP1C	Z	63.435	3.98
54	MP1C	Mx	.135	3.98
55	MP1A	X	-7.15	2.23
56	MP1A	Z	4.128	2.23
57	MP1A	Mx	-.005	2.23
58	MP1B	X	-7.15	2.23
59	MP1B	Z	4.128	2.23
60	MP1B	Mx	-.005	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP1C	X	-7.15	2.23
62	MP1C	Z	4.128	2.23
63	MP1C	Mx	-.005	2.23
64	MP2A	X	-35.308	2.23
65	MP2A	Z	20.385	2.23
66	MP2A	Mx	-.027	2.23
67	MP2B	X	-31.883	2.23
68	MP2B	Z	18.407	2.23
69	MP2B	Mx	.028	2.23
70	MP2C	X	-45.171	2.23
71	MP2C	Z	26.079	2.23
72	MP2C	Mx	-.014	2.23
73	MP3A	X	-30.832	2.23
74	MP3A	Z	17.801	2.23
75	MP3A	Mx	-.015	2.23
76	MP3B	X	-26.094	2.23
77	MP3B	Z	15.065	2.23
78	MP3B	Mx	.015	2.23
79	MP3C	X	-44.473	2.23
80	MP3C	Z	25.676	2.23
81	MP3C	Mx	-.009	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-26.697	1.23
2	MP4A	Z	0	1.23
3	MP4A	Mx	.013	1.23
4	MP4A	X	-26.697	3.23
5	MP4A	Z	0	3.23
6	MP4A	Mx	.013	3.23
7	MP4B	X	-31.551	1.23
8	MP4B	Z	0	1.23
9	MP4B	Mx	-.015	1.23
10	MP4B	X	-31.551	3.23
11	MP4B	Z	0	3.23
12	MP4B	Mx	-.015	3.23
13	MP4C	X	-66.941	1.23
14	MP4C	Z	0	1.23
15	MP4C	Mx	-.006	1.23
16	MP4C	X	-66.941	3.23
17	MP4C	Z	0	3.23
18	MP4C	Mx	-.006	3.23
19	MP1A	X	-76.656	.48
20	MP1A	Z	0	.48
21	MP1A	Mx	.08	.48
22	MP1A	X	-76.656	3.98
23	MP1A	Z	0	3.98
24	MP1A	Mx	.08	3.98
25	MP1A	X	-76.656	.48
26	MP1A	Z	0	.48
27	MP1A	Mx	.08	.48
28	MP1A	X	-76.656	3.98
29	MP1A	Z	0	3.98
30	MP1A	Mx	.08	3.98
31	MP1B	X	-92.118	.48
32	MP1B	Z	0	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1B	Mx	-.067	.48
34	MP1B	X	-92.118	3.98
35	MP1B	Z	0	3.98
36	MP1B	Mx	-.067	3.98
37	MP1C	X	-130.808	.48
38	MP1C	Z	0	.48
39	MP1C	Mx	-.12	.48
40	MP1C	X	-130.808	3.98
41	MP1C	Z	0	3.98
42	MP1C	Mx	-.12	3.98
43	MP1B	X	-92.118	.48
44	MP1B	Z	0	.48
45	MP1B	Mx	-.114	.48
46	MP1B	X	-92.118	3.98
47	MP1B	Z	0	3.98
48	MP1B	Mx	-.114	3.98
49	MP1C	X	-130.808	.48
50	MP1C	Z	0	.48
51	MP1C	Mx	.073	.48
52	MP1C	X	-130.808	3.98
53	MP1C	Z	0	3.98
54	MP1C	Mx	.073	3.98
55	MP1A	X	-7.429	2.23
56	MP1A	Z	0	2.23
57	MP1A	Mx	-.005	2.23
58	MP1B	X	-7.429	2.23
59	MP1B	Z	0	2.23
60	MP1B	Mx	-.005	2.23
61	MP1C	X	-7.429	2.23
62	MP1C	Z	0	2.23
63	MP1C	Mx	-.005	2.23
64	MP2A	X	-36.272	2.23
65	MP2A	Z	0	2.23
66	MP2A	Mx	-.028	2.23
67	MP2B	X	-38.377	2.23
68	MP2B	Z	0	2.23
69	MP2B	Mx	.028	2.23
70	MP2C	X	-53.721	2.23
71	MP2C	Z	0	2.23
72	MP2C	Mx	.007	2.23
73	MP3A	X	-29.381	2.23
74	MP3A	Z	0	2.23
75	MP3A	Mx	-.015	2.23
76	MP3B	X	-32.291	2.23
77	MP3B	Z	0	2.23
78	MP3B	Mx	.015	2.23
79	MP3C	X	-53.513	2.23
80	MP3C	Z	0	2.23
81	MP3C	Mx	.005	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-32.104	1.23
2	MP4A	Z	-18.535	1.23
3	MP4A	Mx	.016	1.23
4	MP4A	X	-32.104	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP4A	Z	-18.535	3.23
6	MP4A	Mx	.016	3.23
7	MP4B	X	-44.208	1.23
8	MP4B	Z	-25.524	1.23
9	MP4B	Mx	-.016	1.23
10	MP4B	X	-44.208	3.23
11	MP4B	Z	-25.524	3.23
12	MP4B	Mx	-.016	3.23
13	MP4C	X	-44.208	1.23
14	MP4C	Z	-25.524	1.23
15	MP4C	Mx	-.016	1.23
16	MP4C	X	-44.208	3.23
17	MP4C	Z	-25.524	3.23
18	MP4C	Mx	-.016	3.23
19	MP1A	X	-85.6	.48
20	MP1A	Z	-49.421	.48
21	MP1A	Mx	.044	.48
22	MP1A	X	-85.6	3.98
23	MP1A	Z	-49.421	3.98
24	MP1A	Mx	.044	3.98
25	MP1A	X	-85.6	.48
26	MP1A	Z	-49.421	.48
27	MP1A	Mx	.134	.48
28	MP1A	X	-85.6	3.98
29	MP1A	Z	-49.421	3.98
30	MP1A	Mx	.134	3.98
31	MP1B	X	-98.236	.48
32	MP1B	Z	-56.716	.48
33	MP1B	Mx	-.011	.48
34	MP1B	X	-98.236	3.98
35	MP1B	Z	-56.716	3.98
36	MP1B	Mx	-.011	3.98
37	MP1C	X	-98.236	.48
38	MP1C	Z	-56.716	.48
39	MP1C	Mx	-.141	.48
40	MP1C	X	-98.236	3.98
41	MP1C	Z	-56.716	3.98
42	MP1C	Mx	-.141	3.98
43	MP1B	X	-98.236	.48
44	MP1B	Z	-56.716	.48
45	MP1B	Mx	-.141	.48
46	MP1B	X	-98.236	3.98
47	MP1B	Z	-56.716	3.98
48	MP1B	Mx	-.141	3.98
49	MP1C	X	-98.236	.48
50	MP1C	Z	-56.716	.48
51	MP1C	Mx	-.011	.48
52	MP1C	X	-98.236	3.98
53	MP1C	Z	-56.716	3.98
54	MP1C	Mx	-.011	3.98
55	MP1A	X	-7.15	2.23
56	MP1A	Z	-4.128	2.23
57	MP1A	Mx	-.005	2.23
58	MP1B	X	-7.15	2.23
59	MP1B	Z	-4.128	2.23
60	MP1B	Mx	-.005	2.23
61	MP1C	X	-7.15	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP1C	Z	-4.128	2.23
63	MP1C	Mx	-.005	2.23
64	MP2A	X	-35.308	2.23
65	MP2A	Z	-20.385	2.23
66	MP2A	Mx	-.027	2.23
67	MP2B	X	-40.556	2.23
68	MP2B	Z	-23.415	2.23
69	MP2B	Mx	.023	2.23
70	MP2C	X	-40.556	2.23
71	MP2C	Z	-23.415	2.23
72	MP2C	Mx	.023	2.23
73	MP3A	X	-30.832	2.23
74	MP3A	Z	-17.801	2.23
75	MP3A	Mx	-.015	2.23
76	MP3B	X	-38.09	2.23
77	MP3B	Z	-21.991	2.23
78	MP3B	Mx	.014	2.23
79	MP3C	X	-38.09	2.23
80	MP3C	Z	-21.991	2.23
81	MP3C	Mx	.014	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-28.909	1.23
2	MP4A	Z	-50.072	1.23
3	MP4A	Mx	.014	1.23
4	MP4A	X	-28.909	3.23
5	MP4A	Z	-50.072	3.23
6	MP4A	Mx	.014	3.23
7	MP4B	X	-33.47	1.23
8	MP4B	Z	-57.972	1.23
9	MP4B	Mx	-.006	1.23
10	MP4B	X	-33.47	3.23
11	MP4B	Z	-57.972	3.23
12	MP4B	Mx	-.006	3.23
13	MP4C	X	-15.776	1.23
14	MP4C	Z	-27.324	1.23
15	MP4C	Mx	-.015	1.23
16	MP4C	X	-15.776	3.23
17	MP4C	Z	-27.324	3.23
18	MP4C	Mx	-.015	3.23
19	MP1A	X	-71.608	.48
20	MP1A	Z	-124.028	.48
21	MP1A	Mx	-.039	.48
22	MP1A	X	-71.608	3.98
23	MP1A	Z	-124.028	3.98
24	MP1A	Mx	-.039	3.98
25	MP1A	X	-71.608	.48
26	MP1A	Z	-124.028	.48
27	MP1A	Mx	.188	.48
28	MP1A	X	-71.608	3.98
29	MP1A	Z	-124.028	3.98
30	MP1A	Mx	.188	3.98
31	MP1B	X	-65.404	.48
32	MP1B	Z	-113.283	.48
33	MP1B	Mx	.073	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP1B	X	-65.404	3.98
35	MP1B	Z	-113.283	3.98
36	MP1B	Mx	.073	3.98
37	MP1C	X	-46.059	.48
38	MP1C	Z	-79.777	.48
39	MP1C	Mx	-.114	.48
40	MP1C	X	-46.059	3.98
41	MP1C	Z	-79.777	3.98
42	MP1C	Mx	-.114	3.98
43	MP1B	X	-65.404	.48
44	MP1B	Z	-113.283	.48
45	MP1B	Mx	-.12	.48
46	MP1B	X	-65.404	3.98
47	MP1B	Z	-113.283	3.98
48	MP1B	Mx	-.12	3.98
49	MP1C	X	-46.059	.48
50	MP1C	Z	-79.777	.48
51	MP1C	Mx	-.067	.48
52	MP1C	X	-46.059	3.98
53	MP1C	Z	-79.777	3.98
54	MP1C	Mx	-.067	3.98
55	MP1A	X	-4.955	2.23
56	MP1A	Z	-8.582	2.23
57	MP1A	Mx	-.004	2.23
58	MP1B	X	-4.955	2.23
59	MP1B	Z	-8.582	2.23
60	MP1B	Mx	-.004	2.23
61	MP1C	X	-4.955	2.23
62	MP1C	Z	-8.582	2.23
63	MP1C	Mx	-.004	2.23
64	MP2A	X	-24.883	2.23
65	MP2A	Z	-43.098	2.23
66	MP2A	Mx	-.019	2.23
67	MP2B	X	-26.86	2.23
68	MP2B	Z	-46.524	2.23
69	MP2B	Mx	.007	2.23
70	MP2C	X	-19.188	2.23
71	MP2C	Z	-33.235	2.23
72	MP2C	Mx	.028	2.23
73	MP3A	X	-24.021	2.23
74	MP3A	Z	-41.606	2.23
75	MP3A	Mx	-.012	2.23
76	MP3B	X	-26.757	2.23
77	MP3B	Z	-46.344	2.23
78	MP3B	Mx	.005	2.23
79	MP3C	X	-16.146	2.23
80	MP3C	Z	-27.965	2.23
81	MP3C	Mx	.015	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.23
2	MP4A	Z	-14.022	1.23
3	MP4A	Mx	0	1.23
4	MP4A	X	0	3.23
5	MP4A	Z	-14.022	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP4A	Mx	0	3.23
7	MP4B	X	0	1.23
8	MP4B	Z	-13.079	1.23
9	MP4B	Mx	.002	1.23
10	MP4B	X	0	3.23
11	MP4B	Z	-13.079	3.23
12	MP4B	Mx	.002	3.23
13	MP4C	X	0	1.23
14	MP4C	Z	-6.202	1.23
15	MP4C	Mx	-.003	1.23
16	MP4C	X	0	3.23
17	MP4C	Z	-6.202	3.23
18	MP4C	Mx	-.003	3.23
19	MP1A	X	0	.48
20	MP1A	Z	-32.618	.48
21	MP1A	Mx	-.03	.48
22	MP1A	X	0	3.98
23	MP1A	Z	-32.618	3.98
24	MP1A	Mx	-.03	3.98
25	MP1A	X	0	.48
26	MP1A	Z	-32.618	.48
27	MP1A	Mx	.03	.48
28	MP1A	X	0	3.98
29	MP1A	Z	-32.618	3.98
30	MP1A	Mx	.03	3.98
31	MP1B	X	0	.48
32	MP1B	Z	-25.401	.48
33	MP1B	Mx	.027	.48
34	MP1B	X	0	3.98
35	MP1B	Z	-25.401	3.98
36	MP1B	Mx	.027	3.98
37	MP1C	X	0	.48
38	MP1C	Z	-18.233	.48
39	MP1C	Mx	-.016	.48
40	MP1C	X	0	3.98
41	MP1C	Z	-18.233	3.98
42	MP1C	Mx	-.016	3.98
43	MP1B	X	0	.48
44	MP1B	Z	-25.401	.48
45	MP1B	Mx	-.009	.48
46	MP1B	X	0	3.98
47	MP1B	Z	-25.401	3.98
48	MP1B	Mx	-.009	3.98
49	MP1C	X	0	.48
50	MP1C	Z	-18.233	.48
51	MP1C	Mx	-.021	.48
52	MP1C	X	0	3.98
53	MP1C	Z	-18.233	3.98
54	MP1C	Mx	-.021	3.98
55	MP1A	X	0	2.23
56	MP1A	Z	-2.848	2.23
57	MP1A	Mx	0	2.23
58	MP1B	X	0	2.23
59	MP1B	Z	-2.848	2.23
60	MP1B	Mx	0	2.23
61	MP1C	X	0	2.23
62	MP1C	Z	-2.848	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP1C	Mx	0	2.23
64	MP2A	X	0	2.23
65	MP2A	Z	-11.8	2.23
66	MP2A	Mx	0	2.23
67	MP2B	X	0	2.23
68	MP2B	Z	-11.378	2.23
69	MP2B	Mx	-.003	2.23
70	MP2C	X	0	2.23
71	MP2C	Z	-8.307	2.23
72	MP2C	Mx	.006	2.23
73	MP3A	X	0	2.23
74	MP3A	Z	-11.8	2.23
75	MP3A	Mx	0	2.23
76	MP3B	X	0	2.23
77	MP3B	Z	-11.218	2.23
78	MP3B	Mx	-.002	2.23
79	MP3C	X	0	2.23
80	MP3C	Z	-6.98	2.23
81	MP3C	Mx	.003	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	6.003	1.23
2	MP4A	Z	-10.398	1.23
3	MP4A	Mx	-.003	1.23
4	MP4A	X	6.003	3.23
5	MP4A	Z	-10.398	3.23
6	MP4A	Mx	-.003	3.23
7	MP4B	X	4.645	1.23
8	MP4B	Z	-8.046	1.23
9	MP4B	Mx	.004	1.23
10	MP4B	X	4.645	3.23
11	MP4B	Z	-8.046	3.23
12	MP4B	Mx	.004	3.23
13	MP4C	X	4.645	1.23
14	MP4C	Z	-8.046	1.23
15	MP4C	Mx	-.004	1.23
16	MP4C	X	4.645	3.23
17	MP4C	Z	-8.046	3.23
18	MP4C	Mx	-.004	3.23
19	MP1A	X	14.24	.48
20	MP1A	Z	-24.664	.48
21	MP1A	Mx	-.037	.48
22	MP1A	X	14.24	3.98
23	MP1A	Z	-24.664	3.98
24	MP1A	Mx	-.037	3.98
25	MP1A	X	14.24	.48
26	MP1A	Z	-24.664	.48
27	MP1A	Mx	.008	.48
28	MP1A	X	14.24	3.98
29	MP1A	Z	-24.664	3.98
30	MP1A	Mx	.008	3.98
31	MP1B	X	10.726	.48
32	MP1B	Z	-18.578	.48
33	MP1B	Mx	.027	.48
34	MP1B	X	10.726	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP1B	Z	-18.578	3.98
36	MP1B	Mx	.027	3.98
37	MP1C	X	10.726	.48
38	MP1C	Z	-18.578	.48
39	MP1C	Mx	-.007	.48
40	MP1C	X	10.726	3.98
41	MP1C	Z	-18.578	3.98
42	MP1C	Mx	-.007	3.98
43	MP1B	X	10.726	.48
44	MP1B	Z	-18.578	.48
45	MP1B	Mx	.007	.48
46	MP1B	X	10.726	3.98
47	MP1B	Z	-18.578	3.98
48	MP1B	Mx	.007	3.98
49	MP1C	X	10.726	.48
50	MP1C	Z	-18.578	.48
51	MP1C	Mx	-.027	.48
52	MP1C	X	10.726	3.98
53	MP1C	Z	-18.578	3.98
54	MP1C	Mx	-.027	3.98
55	MP1A	X	1.335	2.23
56	MP1A	Z	-2.312	2.23
57	MP1A	Mx	.000973	2.23
58	MP1B	X	1.335	2.23
59	MP1B	Z	-2.312	2.23
60	MP1B	Mx	.000973	2.23
61	MP1C	X	1.335	2.23
62	MP1C	Z	-2.312	2.23
63	MP1C	Mx	.000973	2.23
64	MP2A	X	5.45	2.23
65	MP2A	Z	-9.439	2.23
66	MP2A	Mx	.004	2.23
67	MP2B	X	4.843	2.23
68	MP2B	Z	-8.389	2.23
69	MP2B	Mx	-.006	2.23
70	MP2C	X	4.843	2.23
71	MP2C	Z	-8.389	2.23
72	MP2C	Mx	.006	2.23
73	MP3A	X	5.279	2.23
74	MP3A	Z	-9.143	2.23
75	MP3A	Mx	.003	2.23
76	MP3B	X	4.442	2.23
77	MP3B	Z	-7.693	2.23
78	MP3B	Mx	-.003	2.23
79	MP3C	X	4.442	2.23
80	MP3C	Z	-7.693	2.23
81	MP3C	Mx	.003	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	6.906	1.23
2	MP4A	Z	-3.987	1.23
3	MP4A	Mx	-.003	1.23
4	MP4A	X	6.906	3.23
5	MP4A	Z	-3.987	3.23
6	MP4A	Mx	-.003	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP4B	X	5.371	1.23
8	MP4B	Z	-3.101	1.23
9	MP4B	Mx	.003	1.23
10	MP4B	X	5.371	3.23
11	MP4B	Z	-3.101	3.23
12	MP4B	Mx	.003	3.23
13	MP4C	X	11.327	1.23
14	MP4C	Z	-6.539	1.23
15	MP4C	Mx	-.002	1.23
16	MP4C	X	11.327	3.23
17	MP4C	Z	-6.539	3.23
18	MP4C	Mx	-.002	3.23
19	MP1A	X	17.495	.48
20	MP1A	Z	-10.101	.48
21	MP1A	Mx	-.027	.48
22	MP1A	X	17.495	3.98
23	MP1A	Z	-10.101	3.98
24	MP1A	Mx	-.027	3.98
25	MP1A	X	17.495	.48
26	MP1A	Z	-10.101	.48
27	MP1A	Mx	-.009	.48
28	MP1A	X	17.495	3.98
29	MP1A	Z	-10.101	3.98
30	MP1A	Mx	-.009	3.98
31	MP1B	X	15.79	.48
32	MP1B	Z	-9.116	.48
33	MP1B	Mx	.021	.48
34	MP1B	X	15.79	3.98
35	MP1B	Z	-9.116	3.98
36	MP1B	Mx	.021	3.98
37	MP1C	X	21.998	.48
38	MP1C	Z	-12.701	.48
39	MP1C	Mx	.009	.48
40	MP1C	X	21.998	3.98
41	MP1C	Z	-12.701	3.98
42	MP1C	Mx	.009	3.98
43	MP1B	X	15.79	.48
44	MP1B	Z	-9.116	.48
45	MP1B	Mx	.016	.48
46	MP1B	X	15.79	3.98
47	MP1B	Z	-9.116	3.98
48	MP1B	Mx	.016	3.98
49	MP1C	X	21.998	.48
50	MP1C	Z	-12.701	.48
51	MP1C	Mx	-.027	.48
52	MP1C	X	21.998	3.98
53	MP1C	Z	-12.701	3.98
54	MP1C	Mx	-.027	3.98
55	MP1A	X	2.002	2.23
56	MP1A	Z	-1.156	2.23
57	MP1A	Mx	.001	2.23
58	MP1B	X	2.002	2.23
59	MP1B	Z	-1.156	2.23
60	MP1B	Mx	.001	2.23
61	MP1C	X	2.002	2.23
62	MP1C	Z	-1.156	2.23
63	MP1C	Mx	.001	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP2A	X	7.88	2.23
65	MP2A	Z	-4.549	2.23
66	MP2A	Mx	.006	2.23
67	MP2B	X	7.194	2.23
68	MP2B	Z	-4.154	2.23
69	MP2B	Mx	-.006	2.23
70	MP2C	X	9.854	2.23
71	MP2C	Z	-5.689	2.23
72	MP2C	Mx	.003	2.23
73	MP3A	X	6.991	2.23
74	MP3A	Z	-4.036	2.23
75	MP3A	Mx	.003	2.23
76	MP3B	X	6.045	2.23
77	MP3B	Z	-3.49	2.23
78	MP3B	Mx	-.003	2.23
79	MP3C	X	9.715	2.23
80	MP3C	Z	-5.609	2.23
81	MP3C	Mx	.002	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	5.959	1.23
2	MP4A	Z	0	1.23
3	MP4A	Mx	-.003	1.23
4	MP4A	X	5.959	3.23
5	MP4A	Z	0	3.23
6	MP4A	Mx	-.003	3.23
7	MP4B	X	6.902	1.23
8	MP4B	Z	0	1.23
9	MP4B	Mx	.003	1.23
10	MP4B	X	6.902	3.23
11	MP4B	Z	0	3.23
12	MP4B	Mx	.003	3.23
13	MP4C	X	13.779	1.23
14	MP4C	Z	0	1.23
15	MP4C	Mx	.001	1.23
16	MP4C	X	13.779	3.23
17	MP4C	Z	0	3.23
18	MP4C	Mx	.001	3.23
19	MP1A	X	16.062	.48
20	MP1A	Z	0	.48
21	MP1A	Mx	-.017	.48
22	MP1A	X	16.062	3.98
23	MP1A	Z	0	3.98
24	MP1A	Mx	-.017	3.98
25	MP1A	X	16.062	.48
26	MP1A	Z	0	.48
27	MP1A	Mx	-.017	.48
28	MP1A	X	16.062	3.98
29	MP1A	Z	0	3.98
30	MP1A	Mx	-.017	3.98
31	MP1B	X	18.963	.48
32	MP1B	Z	0	.48
33	MP1B	Mx	.014	.48
34	MP1B	X	18.963	3.98
35	MP1B	Z	0	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP1B	Mx	.014	3.98
37	MP1C	X	26.131	.48
38	MP1C	Z	0	.48
39	MP1C	Mx	.024	.48
40	MP1C	X	26.131	3.98
41	MP1C	Z	0	3.98
42	MP1C	Mx	.024	3.98
43	MP1B	X	18.963	.48
44	MP1B	Z	0	.48
45	MP1B	Mx	.023	.48
46	MP1B	X	18.963	3.98
47	MP1B	Z	0	3.98
48	MP1B	Mx	.023	3.98
49	MP1C	X	26.131	.48
50	MP1C	Z	0	.48
51	MP1C	Mx	-.015	.48
52	MP1C	X	26.131	3.98
53	MP1C	Z	0	3.98
54	MP1C	Mx	-.015	3.98
55	MP1A	X	2.133	2.23
56	MP1A	Z	0	2.23
57	MP1A	Mx	.002	2.23
58	MP1B	X	2.133	2.23
59	MP1B	Z	0	2.23
60	MP1B	Mx	.002	2.23
61	MP1C	X	2.133	2.23
62	MP1C	Z	0	2.23
63	MP1C	Mx	.002	2.23
64	MP2A	X	8.198	2.23
65	MP2A	Z	0	2.23
66	MP2A	Mx	.006	2.23
67	MP2B	X	8.62	2.23
68	MP2B	Z	0	2.23
69	MP2B	Mx	-.006	2.23
70	MP2C	X	11.691	2.23
71	MP2C	Z	0	2.23
72	MP2C	Mx	-.002	2.23
73	MP3A	X	6.83	2.23
74	MP3A	Z	0	2.23
75	MP3A	Mx	.003	2.23
76	MP3B	X	7.411	2.23
77	MP3B	Z	0	2.23
78	MP3B	Mx	-.003	2.23
79	MP3C	X	11.65	2.23
80	MP3C	Z	0	2.23
81	MP3C	Mx	-.001	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	6.906	1.23
2	MP4A	Z	3.987	1.23
3	MP4A	Mx	-.003	1.23
4	MP4A	X	6.906	3.23
5	MP4A	Z	3.987	3.23
6	MP4A	Mx	-.003	3.23
7	MP4B	X	9.258	1.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP4B	Z	5.345	1.23
9	MP4B	Mx	.003	1.23
10	MP4B	X	9.258	3.23
11	MP4B	Z	5.345	3.23
12	MP4B	Mx	.003	3.23
13	MP4C	X	9.258	1.23
14	MP4C	Z	5.345	1.23
15	MP4C	Mx	.003	1.23
16	MP4C	X	9.258	3.23
17	MP4C	Z	5.345	3.23
18	MP4C	Mx	.003	3.23
19	MP1A	X	17.495	.48
20	MP1A	Z	10.101	.48
21	MP1A	Mx	-.009	.48
22	MP1A	X	17.495	3.98
23	MP1A	Z	10.101	3.98
24	MP1A	Mx	-.009	3.98
25	MP1A	X	17.495	.48
26	MP1A	Z	10.101	.48
27	MP1A	Mx	-.027	.48
28	MP1A	X	17.495	3.98
29	MP1A	Z	10.101	3.98
30	MP1A	Mx	-.027	3.98
31	MP1B	X	19.842	.48
32	MP1B	Z	11.456	.48
33	MP1B	Mx	.002	.48
34	MP1B	X	19.842	3.98
35	MP1B	Z	11.456	3.98
36	MP1B	Mx	.002	3.98
37	MP1C	X	19.842	.48
38	MP1C	Z	11.456	.48
39	MP1C	Mx	.029	.48
40	MP1C	X	19.842	3.98
41	MP1C	Z	11.456	3.98
42	MP1C	Mx	.029	3.98
43	MP1B	X	19.842	.48
44	MP1B	Z	11.456	.48
45	MP1B	Mx	.029	.48
46	MP1B	X	19.842	3.98
47	MP1B	Z	11.456	3.98
48	MP1B	Mx	.029	3.98
49	MP1C	X	19.842	.48
50	MP1C	Z	11.456	.48
51	MP1C	Mx	.002	.48
52	MP1C	X	19.842	3.98
53	MP1C	Z	11.456	3.98
54	MP1C	Mx	.002	3.98
55	MP1A	X	2.002	2.23
56	MP1A	Z	1.156	2.23
57	MP1A	Mx	.001	2.23
58	MP1B	X	2.002	2.23
59	MP1B	Z	1.156	2.23
60	MP1B	Mx	.001	2.23
61	MP1C	X	2.002	2.23
62	MP1C	Z	1.156	2.23
63	MP1C	Mx	.001	2.23
64	MP2A	X	7.88	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2A	Z	4.549	2.23
66	MP2A	Mx	.006	2.23
67	MP2B	X	8.93	2.23
68	MP2B	Z	5.156	2.23
69	MP2B	Mx	-.005	2.23
70	MP2C	X	8.93	2.23
71	MP2C	Z	5.156	2.23
72	MP2C	Mx	-.005	2.23
73	MP3A	X	6.991	2.23
74	MP3A	Z	4.036	2.23
75	MP3A	Mx	.003	2.23
76	MP3B	X	8.441	2.23
77	MP3B	Z	4.873	2.23
78	MP3B	Mx	-.003	2.23
79	MP3C	X	8.441	2.23
80	MP3C	Z	4.873	2.23
81	MP3C	Mx	-.003	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	6.003	1.23
2	MP4A	Z	10.398	1.23
3	MP4A	Mx	-.003	1.23
4	MP4A	X	6.003	3.23
5	MP4A	Z	10.398	3.23
6	MP4A	Mx	-.003	3.23
7	MP4B	X	6.89	1.23
8	MP4B	Z	11.933	1.23
9	MP4B	Mx	.001	1.23
10	MP4B	X	6.89	3.23
11	MP4B	Z	11.933	3.23
12	MP4B	Mx	.001	3.23
13	MP4C	X	3.451	1.23
14	MP4C	Z	5.977	1.23
15	MP4C	Mx	.003	1.23
16	MP4C	X	3.451	3.23
17	MP4C	Z	5.977	3.23
18	MP4C	Mx	.003	3.23
19	MP1A	X	14.24	.48
20	MP1A	Z	24.664	.48
21	MP1A	Mx	.008	.48
22	MP1A	X	14.24	3.98
23	MP1A	Z	24.664	3.98
24	MP1A	Mx	.008	3.98
25	MP1A	X	14.24	.48
26	MP1A	Z	24.664	.48
27	MP1A	Mx	-.037	.48
28	MP1A	X	14.24	3.98
29	MP1A	Z	24.664	3.98
30	MP1A	Mx	-.037	3.98
31	MP1B	X	13.065	.48
32	MP1B	Z	22.63	.48
33	MP1B	Mx	-.015	.48
34	MP1B	X	13.065	3.98
35	MP1B	Z	22.63	3.98
36	MP1B	Mx	-.015	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP1C	X	9.481	.48
38	MP1C	Z	16.422	.48
39	MP1C	Mx	.023	.48
40	MP1C	X	9.481	3.98
41	MP1C	Z	16.422	3.98
42	MP1C	Mx	.023	3.98
43	MP1B	X	13.065	.48
44	MP1B	Z	22.63	.48
45	MP1B	Mx	.024	.48
46	MP1B	X	13.065	3.98
47	MP1B	Z	22.63	3.98
48	MP1B	Mx	.024	3.98
49	MP1C	X	9.481	.48
50	MP1C	Z	16.422	.48
51	MP1C	Mx	.014	.48
52	MP1C	X	9.481	3.98
53	MP1C	Z	16.422	3.98
54	MP1C	Mx	.014	3.98
55	MP1A	X	1.335	2.23
56	MP1A	Z	2.312	2.23
57	MP1A	Mx	.000973	2.23
58	MP1B	X	1.335	2.23
59	MP1B	Z	2.312	2.23
60	MP1B	Mx	.000973	2.23
61	MP1C	X	1.335	2.23
62	MP1C	Z	2.312	2.23
63	MP1C	Mx	.000973	2.23
64	MP2A	X	5.45	2.23
65	MP2A	Z	9.439	2.23
66	MP2A	Mx	.004	2.23
67	MP2B	X	5.845	2.23
68	MP2B	Z	10.125	2.23
69	MP2B	Mx	-.002	2.23
70	MP2C	X	4.31	2.23
71	MP2C	Z	7.465	2.23
72	MP2C	Mx	-.006	2.23
73	MP3A	X	5.279	2.23
74	MP3A	Z	9.143	2.23
75	MP3A	Mx	.003	2.23
76	MP3B	X	5.825	2.23
77	MP3B	Z	10.089	2.23
78	MP3B	Mx	-.001	2.23
79	MP3C	X	3.706	2.23
80	MP3C	Z	6.418	2.23
81	MP3C	Mx	-.003	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.23
2	MP4A	Z	14.022	1.23
3	MP4A	Mx	0	1.23
4	MP4A	X	0	3.23
5	MP4A	Z	14.022	3.23
6	MP4A	Mx	0	3.23
7	MP4B	X	0	1.23
8	MP4B	Z	13.079	1.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4B	Mx	-.002	1.23
10	MP4B	X	0	3.23
11	MP4B	Z	13.079	3.23
12	MP4B	Mx	-.002	3.23
13	MP4C	X	0	1.23
14	MP4C	Z	6.202	1.23
15	MP4C	Mx	.003	1.23
16	MP4C	X	0	3.23
17	MP4C	Z	6.202	3.23
18	MP4C	Mx	.003	3.23
19	MP1A	X	0	.48
20	MP1A	Z	32.618	.48
21	MP1A	Mx	.03	.48
22	MP1A	X	0	3.98
23	MP1A	Z	32.618	3.98
24	MP1A	Mx	.03	3.98
25	MP1A	X	0	.48
26	MP1A	Z	32.618	.48
27	MP1A	Mx	-.03	.48
28	MP1A	X	0	3.98
29	MP1A	Z	32.618	3.98
30	MP1A	Mx	-.03	3.98
31	MP1B	X	0	.48
32	MP1B	Z	25.401	.48
33	MP1B	Mx	-.027	.48
34	MP1B	X	0	3.98
35	MP1B	Z	25.401	3.98
36	MP1B	Mx	-.027	3.98
37	MP1C	X	0	.48
38	MP1C	Z	18.233	.48
39	MP1C	Mx	.016	.48
40	MP1C	X	0	3.98
41	MP1C	Z	18.233	3.98
42	MP1C	Mx	.016	3.98
43	MP1B	X	0	.48
44	MP1B	Z	25.401	.48
45	MP1B	Mx	.009	.48
46	MP1B	X	0	3.98
47	MP1B	Z	25.401	3.98
48	MP1B	Mx	.009	3.98
49	MP1C	X	0	.48
50	MP1C	Z	18.233	.48
51	MP1C	Mx	.021	.48
52	MP1C	X	0	3.98
53	MP1C	Z	18.233	3.98
54	MP1C	Mx	.021	3.98
55	MP1A	X	0	2.23
56	MP1A	Z	2.848	2.23
57	MP1A	Mx	0	2.23
58	MP1B	X	0	2.23
59	MP1B	Z	2.848	2.23
60	MP1B	Mx	0	2.23
61	MP1C	X	0	2.23
62	MP1C	Z	2.848	2.23
63	MP1C	Mx	0	2.23
64	MP2A	X	0	2.23
65	MP2A	Z	11.8	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2A	Mx	0	2.23
67	MP2B	X	0	2.23
68	MP2B	Z	11.378	2.23
69	MP2B	Mx	.003	2.23
70	MP2C	X	0	2.23
71	MP2C	Z	8.307	2.23
72	MP2C	Mx	-.006	2.23
73	MP3A	X	0	2.23
74	MP3A	Z	11.8	2.23
75	MP3A	Mx	0	2.23
76	MP3B	X	0	2.23
77	MP3B	Z	11.218	2.23
78	MP3B	Mx	.002	2.23
79	MP3C	X	0	2.23
80	MP3C	Z	6.98	2.23
81	MP3C	Mx	-.003	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-6.003	1.23
2	MP4A	Z	10.398	1.23
3	MP4A	Mx	.003	1.23
4	MP4A	X	-6.003	3.23
5	MP4A	Z	10.398	3.23
6	MP4A	Mx	.003	3.23
7	MP4B	X	-4.645	1.23
8	MP4B	Z	8.046	1.23
9	MP4B	Mx	-.004	1.23
10	MP4B	X	-4.645	3.23
11	MP4B	Z	8.046	3.23
12	MP4B	Mx	-.004	3.23
13	MP4C	X	-4.645	1.23
14	MP4C	Z	8.046	1.23
15	MP4C	Mx	.004	1.23
16	MP4C	X	-4.645	3.23
17	MP4C	Z	8.046	3.23
18	MP4C	Mx	.004	3.23
19	MP1A	X	-14.24	.48
20	MP1A	Z	24.664	.48
21	MP1A	Mx	.037	.48
22	MP1A	X	-14.24	3.98
23	MP1A	Z	24.664	3.98
24	MP1A	Mx	.037	3.98
25	MP1A	X	-14.24	.48
26	MP1A	Z	24.664	.48
27	MP1A	Mx	-.008	.48
28	MP1A	X	-14.24	3.98
29	MP1A	Z	24.664	3.98
30	MP1A	Mx	-.008	3.98
31	MP1B	X	-10.726	.48
32	MP1B	Z	18.578	.48
33	MP1B	Mx	-.027	.48
34	MP1B	X	-10.726	3.98
35	MP1B	Z	18.578	3.98
36	MP1B	Mx	-.027	3.98
37	MP1C	X	-10.726	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP1C	Z	18.578	.48
39	MP1C	Mx	.007	.48
40	MP1C	X	-10.726	3.98
41	MP1C	Z	18.578	3.98
42	MP1C	Mx	.007	3.98
43	MP1B	X	-10.726	.48
44	MP1B	Z	18.578	.48
45	MP1B	Mx	-.007	.48
46	MP1B	X	-10.726	3.98
47	MP1B	Z	18.578	3.98
48	MP1B	Mx	-.007	3.98
49	MP1C	X	-10.726	.48
50	MP1C	Z	18.578	.48
51	MP1C	Mx	.027	.48
52	MP1C	X	-10.726	3.98
53	MP1C	Z	18.578	3.98
54	MP1C	Mx	.027	3.98
55	MP1A	X	-1.335	2.23
56	MP1A	Z	2.312	2.23
57	MP1A	Mx	-.000973	2.23
58	MP1B	X	-1.335	2.23
59	MP1B	Z	2.312	2.23
60	MP1B	Mx	-.000973	2.23
61	MP1C	X	-1.335	2.23
62	MP1C	Z	2.312	2.23
63	MP1C	Mx	-.000973	2.23
64	MP2A	X	-5.45	2.23
65	MP2A	Z	9.439	2.23
66	MP2A	Mx	-.004	2.23
67	MP2B	X	-4.843	2.23
68	MP2B	Z	8.389	2.23
69	MP2B	Mx	.006	2.23
70	MP2C	X	-4.843	2.23
71	MP2C	Z	8.389	2.23
72	MP2C	Mx	-.006	2.23
73	MP3A	X	-5.279	2.23
74	MP3A	Z	9.143	2.23
75	MP3A	Mx	-.003	2.23
76	MP3B	X	-4.442	2.23
77	MP3B	Z	7.693	2.23
78	MP3B	Mx	.003	2.23
79	MP3C	X	-4.442	2.23
80	MP3C	Z	7.693	2.23
81	MP3C	Mx	-.003	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-6.906	1.23
2	MP4A	Z	3.987	1.23
3	MP4A	Mx	.003	1.23
4	MP4A	X	-6.906	3.23
5	MP4A	Z	3.987	3.23
6	MP4A	Mx	.003	3.23
7	MP4B	X	-5.371	1.23
8	MP4B	Z	3.101	1.23
9	MP4B	Mx	-.003	1.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP4B	X	-5.371	3.23
11	MP4B	Z	3.101	3.23
12	MP4B	Mx	-.003	3.23
13	MP4C	X	-11.327	1.23
14	MP4C	Z	6.539	1.23
15	MP4C	Mx	.002	1.23
16	MP4C	X	-11.327	3.23
17	MP4C	Z	6.539	3.23
18	MP4C	Mx	.002	3.23
19	MP1A	X	-17.495	.48
20	MP1A	Z	10.101	.48
21	MP1A	Mx	.027	.48
22	MP1A	X	-17.495	3.98
23	MP1A	Z	10.101	3.98
24	MP1A	Mx	.027	3.98
25	MP1A	X	-17.495	.48
26	MP1A	Z	10.101	.48
27	MP1A	Mx	.009	.48
28	MP1A	X	-17.495	3.98
29	MP1A	Z	10.101	3.98
30	MP1A	Mx	.009	3.98
31	MP1B	X	-15.79	.48
32	MP1B	Z	9.116	.48
33	MP1B	Mx	-.021	.48
34	MP1B	X	-15.79	3.98
35	MP1B	Z	9.116	3.98
36	MP1B	Mx	-.021	3.98
37	MP1C	X	-21.998	.48
38	MP1C	Z	12.701	.48
39	MP1C	Mx	-.009	.48
40	MP1C	X	-21.998	3.98
41	MP1C	Z	12.701	3.98
42	MP1C	Mx	-.009	3.98
43	MP1B	X	-15.79	.48
44	MP1B	Z	9.116	.48
45	MP1B	Mx	-.016	.48
46	MP1B	X	-15.79	3.98
47	MP1B	Z	9.116	3.98
48	MP1B	Mx	-.016	3.98
49	MP1C	X	-21.998	.48
50	MP1C	Z	12.701	.48
51	MP1C	Mx	.027	.48
52	MP1C	X	-21.998	3.98
53	MP1C	Z	12.701	3.98
54	MP1C	Mx	.027	3.98
55	MP1A	X	-2.002	2.23
56	MP1A	Z	1.156	2.23
57	MP1A	Mx	-.001	2.23
58	MP1B	X	-2.002	2.23
59	MP1B	Z	1.156	2.23
60	MP1B	Mx	-.001	2.23
61	MP1C	X	-2.002	2.23
62	MP1C	Z	1.156	2.23
63	MP1C	Mx	-.001	2.23
64	MP2A	X	-7.88	2.23
65	MP2A	Z	4.549	2.23
66	MP2A	Mx	-.006	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2B	X	-7.194	2.23
68	MP2B	Z	4.154	2.23
69	MP2B	Mx	.006	2.23
70	MP2C	X	-9.854	2.23
71	MP2C	Z	5.689	2.23
72	MP2C	Mx	-.003	2.23
73	MP3A	X	-6.991	2.23
74	MP3A	Z	4.036	2.23
75	MP3A	Mx	-.003	2.23
76	MP3B	X	-6.045	2.23
77	MP3B	Z	3.49	2.23
78	MP3B	Mx	.003	2.23
79	MP3C	X	-9.715	2.23
80	MP3C	Z	5.609	2.23
81	MP3C	Mx	-.002	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-5.959	1.23
2	MP4A	Z	0	1.23
3	MP4A	Mx	.003	1.23
4	MP4A	X	-5.959	3.23
5	MP4A	Z	0	3.23
6	MP4A	Mx	.003	3.23
7	MP4B	X	-6.902	1.23
8	MP4B	Z	0	1.23
9	MP4B	Mx	-.003	1.23
10	MP4B	X	-6.902	3.23
11	MP4B	Z	0	3.23
12	MP4B	Mx	-.003	3.23
13	MP4C	X	-13.779	1.23
14	MP4C	Z	0	1.23
15	MP4C	Mx	-.001	1.23
16	MP4C	X	-13.779	3.23
17	MP4C	Z	0	3.23
18	MP4C	Mx	-.001	3.23
19	MP1A	X	-16.062	.48
20	MP1A	Z	0	.48
21	MP1A	Mx	.017	.48
22	MP1A	X	-16.062	3.98
23	MP1A	Z	0	3.98
24	MP1A	Mx	.017	3.98
25	MP1A	X	-16.062	.48
26	MP1A	Z	0	.48
27	MP1A	Mx	.017	.48
28	MP1A	X	-16.062	3.98
29	MP1A	Z	0	3.98
30	MP1A	Mx	.017	3.98
31	MP1B	X	-18.963	.48
32	MP1B	Z	0	.48
33	MP1B	Mx	-.014	.48
34	MP1B	X	-18.963	3.98
35	MP1B	Z	0	3.98
36	MP1B	Mx	-.014	3.98
37	MP1C	X	-26.131	.48
38	MP1C	Z	0	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP1C	Mx	-.024	.48
40	MP1C	X	-26.131	3.98
41	MP1C	Z	0	3.98
42	MP1C	Mx	-.024	3.98
43	MP1B	X	-18.963	.48
44	MP1B	Z	0	.48
45	MP1B	Mx	-.023	.48
46	MP1B	X	-18.963	3.98
47	MP1B	Z	0	3.98
48	MP1B	Mx	-.023	3.98
49	MP1C	X	-26.131	.48
50	MP1C	Z	0	.48
51	MP1C	Mx	.015	.48
52	MP1C	X	-26.131	3.98
53	MP1C	Z	0	3.98
54	MP1C	Mx	.015	3.98
55	MP1A	X	-2.133	2.23
56	MP1A	Z	0	2.23
57	MP1A	Mx	-.002	2.23
58	MP1B	X	-2.133	2.23
59	MP1B	Z	0	2.23
60	MP1B	Mx	-.002	2.23
61	MP1C	X	-2.133	2.23
62	MP1C	Z	0	2.23
63	MP1C	Mx	-.002	2.23
64	MP2A	X	-8.198	2.23
65	MP2A	Z	0	2.23
66	MP2A	Mx	-.006	2.23
67	MP2B	X	-8.62	2.23
68	MP2B	Z	0	2.23
69	MP2B	Mx	.006	2.23
70	MP2C	X	-11.691	2.23
71	MP2C	Z	0	2.23
72	MP2C	Mx	.002	2.23
73	MP3A	X	-6.83	2.23
74	MP3A	Z	0	2.23
75	MP3A	Mx	-.003	2.23
76	MP3B	X	-7.411	2.23
77	MP3B	Z	0	2.23
78	MP3B	Mx	.003	2.23
79	MP3C	X	-11.65	2.23
80	MP3C	Z	0	2.23
81	MP3C	Mx	.001	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-6.906	1.23
2	MP4A	Z	-3.987	1.23
3	MP4A	Mx	.003	1.23
4	MP4A	X	-6.906	3.23
5	MP4A	Z	-3.987	3.23
6	MP4A	Mx	.003	3.23
7	MP4B	X	-9.258	1.23
8	MP4B	Z	-5.345	1.23
9	MP4B	Mx	-.003	1.23
10	MP4B	X	-9.258	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP4B	Z	-5.345	3.23
12	MP4B	Mx	-.003	3.23
13	MP4C	X	-9.258	1.23
14	MP4C	Z	-5.345	1.23
15	MP4C	Mx	-.003	1.23
16	MP4C	X	-9.258	3.23
17	MP4C	Z	-5.345	3.23
18	MP4C	Mx	-.003	3.23
19	MP1A	X	-17.495	.48
20	MP1A	Z	-10.101	.48
21	MP1A	Mx	.009	.48
22	MP1A	X	-17.495	3.98
23	MP1A	Z	-10.101	3.98
24	MP1A	Mx	.009	3.98
25	MP1A	X	-17.495	.48
26	MP1A	Z	-10.101	.48
27	MP1A	Mx	.027	.48
28	MP1A	X	-17.495	3.98
29	MP1A	Z	-10.101	3.98
30	MP1A	Mx	.027	3.98
31	MP1B	X	-19.842	.48
32	MP1B	Z	-11.456	.48
33	MP1B	Mx	-.002	.48
34	MP1B	X	-19.842	3.98
35	MP1B	Z	-11.456	3.98
36	MP1B	Mx	-.002	3.98
37	MP1C	X	-19.842	.48
38	MP1C	Z	-11.456	.48
39	MP1C	Mx	-.029	.48
40	MP1C	X	-19.842	3.98
41	MP1C	Z	-11.456	3.98
42	MP1C	Mx	-.029	3.98
43	MP1B	X	-19.842	.48
44	MP1B	Z	-11.456	.48
45	MP1B	Mx	-.029	.48
46	MP1B	X	-19.842	3.98
47	MP1B	Z	-11.456	3.98
48	MP1B	Mx	-.029	3.98
49	MP1C	X	-19.842	.48
50	MP1C	Z	-11.456	.48
51	MP1C	Mx	-.002	.48
52	MP1C	X	-19.842	3.98
53	MP1C	Z	-11.456	3.98
54	MP1C	Mx	-.002	3.98
55	MP1A	X	-2.002	2.23
56	MP1A	Z	-1.156	2.23
57	MP1A	Mx	-.001	2.23
58	MP1B	X	-2.002	2.23
59	MP1B	Z	-1.156	2.23
60	MP1B	Mx	-.001	2.23
61	MP1C	X	-2.002	2.23
62	MP1C	Z	-1.156	2.23
63	MP1C	Mx	-.001	2.23
64	MP2A	X	-7.88	2.23
65	MP2A	Z	-4.549	2.23
66	MP2A	Mx	-.006	2.23
67	MP2B	X	-8.93	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2B	Z	-5.156	2.23
69	MP2B	Mx	.005	2.23
70	MP2C	X	-8.93	2.23
71	MP2C	Z	-5.156	2.23
72	MP2C	Mx	.005	2.23
73	MP3A	X	-6.991	2.23
74	MP3A	Z	-4.036	2.23
75	MP3A	Mx	-.003	2.23
76	MP3B	X	-8.441	2.23
77	MP3B	Z	-4.873	2.23
78	MP3B	Mx	.003	2.23
79	MP3C	X	-8.441	2.23
80	MP3C	Z	-4.873	2.23
81	MP3C	Mx	.003	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-6.003	1.23
2	MP4A	Z	-10.398	1.23
3	MP4A	Mx	.003	1.23
4	MP4A	X	-6.003	3.23
5	MP4A	Z	-10.398	3.23
6	MP4A	Mx	.003	3.23
7	MP4B	X	-6.89	1.23
8	MP4B	Z	-11.933	1.23
9	MP4B	Mx	-.001	1.23
10	MP4B	X	-6.89	3.23
11	MP4B	Z	-11.933	3.23
12	MP4B	Mx	-.001	3.23
13	MP4C	X	-3.451	1.23
14	MP4C	Z	-5.977	1.23
15	MP4C	Mx	-.003	1.23
16	MP4C	X	-3.451	3.23
17	MP4C	Z	-5.977	3.23
18	MP4C	Mx	-.003	3.23
19	MP1A	X	-14.24	.48
20	MP1A	Z	-24.664	.48
21	MP1A	Mx	-.008	.48
22	MP1A	X	-14.24	3.98
23	MP1A	Z	-24.664	3.98
24	MP1A	Mx	-.008	3.98
25	MP1A	X	-14.24	.48
26	MP1A	Z	-24.664	.48
27	MP1A	Mx	.037	.48
28	MP1A	X	-14.24	3.98
29	MP1A	Z	-24.664	3.98
30	MP1A	Mx	.037	3.98
31	MP1B	X	-13.065	.48
32	MP1B	Z	-22.63	.48
33	MP1B	Mx	.015	.48
34	MP1B	X	-13.065	3.98
35	MP1B	Z	-22.63	3.98
36	MP1B	Mx	.015	3.98
37	MP1C	X	-9.481	.48
38	MP1C	Z	-16.422	.48
39	MP1C	Mx	-.023	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1C	X	-9.481	3.98
41	MP1C	Z	-16.422	3.98
42	MP1C	Mx	-.023	3.98
43	MP1B	X	-13.065	.48
44	MP1B	Z	-22.63	.48
45	MP1B	Mx	-.024	.48
46	MP1B	X	-13.065	3.98
47	MP1B	Z	-22.63	3.98
48	MP1B	Mx	-.024	3.98
49	MP1C	X	-9.481	.48
50	MP1C	Z	-16.422	.48
51	MP1C	Mx	-.014	.48
52	MP1C	X	-9.481	3.98
53	MP1C	Z	-16.422	3.98
54	MP1C	Mx	-.014	3.98
55	MP1A	X	-1.335	2.23
56	MP1A	Z	-2.312	2.23
57	MP1A	Mx	-.000973	2.23
58	MP1B	X	-1.335	2.23
59	MP1B	Z	-2.312	2.23
60	MP1B	Mx	-.000973	2.23
61	MP1C	X	-1.335	2.23
62	MP1C	Z	-2.312	2.23
63	MP1C	Mx	-.000973	2.23
64	MP2A	X	-5.45	2.23
65	MP2A	Z	-9.439	2.23
66	MP2A	Mx	-.004	2.23
67	MP2B	X	-5.845	2.23
68	MP2B	Z	-10.125	2.23
69	MP2B	Mx	.002	2.23
70	MP2C	X	-4.31	2.23
71	MP2C	Z	-7.465	2.23
72	MP2C	Mx	.006	2.23
73	MP3A	X	-5.279	2.23
74	MP3A	Z	-9.143	2.23
75	MP3A	Mx	-.003	2.23
76	MP3B	X	-5.825	2.23
77	MP3B	Z	-10.089	2.23
78	MP3B	Mx	.001	2.23
79	MP3C	X	-3.706	2.23
80	MP3C	Z	-6.418	2.23
81	MP3C	Mx	.003	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.23
2	MP4A	Z	-4.483	1.23
3	MP4A	Mx	0	1.23
4	MP4A	X	0	3.23
5	MP4A	Z	-4.483	3.23
6	MP4A	Mx	0	3.23
7	MP4B	X	0	1.23
8	MP4B	Z	-4.164	1.23
9	MP4B	Mx	.000712	1.23
10	MP4B	X	0	3.23
11	MP4B	Z	-4.164	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP4B	Mx	.000712	3.23
13	MP4C	X	0	1.23
14	MP4C	Z	-1.837	1.23
15	MP4C	Mx	-.000905	1.23
16	MP4C	X	0	3.23
17	MP4C	Z	-1.837	3.23
18	MP4C	Mx	-.000905	3.23
19	MP1A	X	0	.48
20	MP1A	Z	-10.875	.48
21	MP1A	Mx	-.01	.48
22	MP1A	X	0	3.98
23	MP1A	Z	-10.875	3.98
24	MP1A	Mx	-.01	3.98
25	MP1A	X	0	.48
26	MP1A	Z	-10.875	.48
27	MP1A	Mx	.01	.48
28	MP1A	X	0	3.98
29	MP1A	Z	-10.875	3.98
30	MP1A	Mx	.01	3.98
31	MP1B	X	0	.48
32	MP1B	Z	-8.341	.48
33	MP1B	Mx	.009	.48
34	MP1B	X	0	3.98
35	MP1B	Z	-8.341	3.98
36	MP1B	Mx	.009	3.98
37	MP1C	X	0	.48
38	MP1C	Z	-5.797	.48
39	MP1C	Mx	-.005	.48
40	MP1C	X	0	3.98
41	MP1C	Z	-5.797	3.98
42	MP1C	Mx	-.005	3.98
43	MP1B	X	0	.48
44	MP1B	Z	-8.341	.48
45	MP1B	Mx	-.003	.48
46	MP1B	X	0	3.98
47	MP1B	Z	-8.341	3.98
48	MP1B	Mx	-.003	3.98
49	MP1C	X	0	.48
50	MP1C	Z	-5.797	.48
51	MP1C	Mx	-.007	.48
52	MP1C	X	0	3.98
53	MP1C	Z	-5.797	3.98
54	MP1C	Mx	-.007	3.98
55	MP1A	X	0	2.23
56	MP1A	Z	-.706	2.23
57	MP1A	Mx	0	2.23
58	MP1B	X	0	2.23
59	MP1B	Z	-.706	2.23
60	MP1B	Mx	0	2.23
61	MP1C	X	0	2.23
62	MP1C	Z	-.706	2.23
63	MP1C	Mx	0	2.23
64	MP2A	X	0	2.23
65	MP2A	Z	-3.568	2.23
66	MP2A	Mx	0	2.23
67	MP2B	X	0	2.23
68	MP2B	Z	-3.429	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2B	Mx	-.000904	2.23
70	MP2C	X	0	2.23
71	MP2C	Z	-2.42	2.23
72	MP2C	Mx	.002	2.23
73	MP3A	X	0	2.23
74	MP3A	Z	-3.568	2.23
75	MP3A	Mx	0	2.23
76	MP3B	X	0	2.23
77	MP3B	Z	-3.376	2.23
78	MP3B	Mx	-.000577	2.23
79	MP3C	X	0	2.23
80	MP3C	Z	-1.981	2.23
81	MP3C	Mx	.000975	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.901	1.23
2	MP4A	Z	-3.292	1.23
3	MP4A	Mx	-.000951	1.23
4	MP4A	X	1.901	3.23
5	MP4A	Z	-3.292	3.23
6	MP4A	Mx	-.000951	3.23
7	MP4B	X	1.441	1.23
8	MP4B	Z	-2.496	1.23
9	MP4B	Mx	.001	1.23
10	MP4B	X	1.441	3.23
11	MP4B	Z	-2.496	3.23
12	MP4B	Mx	.001	3.23
13	MP4C	X	1.441	1.23
14	MP4C	Z	-2.496	1.23
15	MP4C	Mx	-.001	1.23
16	MP4C	X	1.441	3.23
17	MP4C	Z	-2.496	3.23
18	MP4C	Mx	-.001	3.23
19	MP1A	X	4.708	.48
20	MP1A	Z	-8.154	.48
21	MP1A	Mx	-.012	.48
22	MP1A	X	4.708	3.98
23	MP1A	Z	-8.154	3.98
24	MP1A	Mx	-.012	3.98
25	MP1A	X	4.708	.48
26	MP1A	Z	-8.154	.48
27	MP1A	Mx	.003	.48
28	MP1A	X	4.708	3.98
29	MP1A	Z	-8.154	3.98
30	MP1A	Mx	.003	3.98
31	MP1B	X	3.47	.48
32	MP1B	Z	-6.01	.48
33	MP1B	Mx	.009	.48
34	MP1B	X	3.47	3.98
35	MP1B	Z	-6.01	3.98
36	MP1B	Mx	.009	3.98
37	MP1C	X	3.47	.48
38	MP1C	Z	-6.01	.48
39	MP1C	Mx	-.002	.48
40	MP1C	X	3.47	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP1C	Z	-6.01	3.98
42	MP1C	Mx	-.002	3.98
43	MP1B	X	3.47	.48
44	MP1B	Z	-6.01	.48
45	MP1B	Mx	.002	.48
46	MP1B	X	3.47	3.98
47	MP1B	Z	-6.01	3.98
48	MP1B	Mx	.002	3.98
49	MP1C	X	3.47	.48
50	MP1C	Z	-6.01	.48
51	MP1C	Mx	-.009	.48
52	MP1C	X	3.47	3.98
53	MP1C	Z	-6.01	3.98
54	MP1C	Mx	-.009	3.98
55	MP1A	X	.326	2.23
56	MP1A	Z	-.564	2.23
57	MP1A	Mx	.000238	2.23
58	MP1B	X	.326	2.23
59	MP1B	Z	-.564	2.23
60	MP1B	Mx	.000238	2.23
61	MP1C	X	.326	2.23
62	MP1C	Z	-.564	2.23
63	MP1C	Mx	.000238	2.23
64	MP2A	X	1.636	2.23
65	MP2A	Z	-2.834	2.23
66	MP2A	Mx	.001	2.23
67	MP2B	X	1.437	2.23
68	MP2B	Z	-2.489	2.23
69	MP2B	Mx	-.002	2.23
70	MP2C	X	1.437	2.23
71	MP2C	Z	-2.489	2.23
72	MP2C	Mx	.002	2.23
73	MP3A	X	1.579	2.23
74	MP3A	Z	-2.735	2.23
75	MP3A	Mx	.00079	2.23
76	MP3B	X	1.304	2.23
77	MP3B	Z	-2.258	2.23
78	MP3B	Mx	-.000999	2.23
79	MP3C	X	1.304	2.23
80	MP3C	Z	-2.258	2.23
81	MP3C	Mx	.000999	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.111	1.23
2	MP4A	Z	-1.219	1.23
3	MP4A	Mx	-.001	1.23
4	MP4A	X	2.111	3.23
5	MP4A	Z	-1.219	3.23
6	MP4A	Mx	-.001	3.23
7	MP4B	X	1.591	1.23
8	MP4B	Z	-.919	1.23
9	MP4B	Mx	.000905	1.23
10	MP4B	X	1.591	3.23
11	MP4B	Z	-.919	3.23
12	MP4B	Mx	.000905	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP4C	X	3.606	1.23
14	MP4C	Z	-2.082	1.23
15	MP4C	Mx	-.000712	1.23
16	MP4C	X	3.606	3.23
17	MP4C	Z	-2.082	3.23
18	MP4C	Mx	-.000712	3.23
19	MP1A	X	5.628	.48
20	MP1A	Z	-3.249	.48
21	MP1A	Mx	-.009	.48
22	MP1A	X	5.628	3.98
23	MP1A	Z	-3.249	3.98
24	MP1A	Mx	-.009	3.98
25	MP1A	X	5.628	.48
26	MP1A	Z	-3.249	.48
27	MP1A	Mx	-.003	.48
28	MP1A	X	5.628	3.98
29	MP1A	Z	-3.249	3.98
30	MP1A	Mx	-.003	3.98
31	MP1B	X	5.021	.48
32	MP1B	Z	-2.899	.48
33	MP1B	Mx	.007	.48
34	MP1B	X	5.021	3.98
35	MP1B	Z	-2.899	3.98
36	MP1B	Mx	.007	3.98
37	MP1C	X	7.224	.48
38	MP1C	Z	-4.171	.48
39	MP1C	Mx	.003	.48
40	MP1C	X	7.224	3.98
41	MP1C	Z	-4.171	3.98
42	MP1C	Mx	.003	3.98
43	MP1B	X	5.021	.48
44	MP1B	Z	-2.899	.48
45	MP1B	Mx	.005	.48
46	MP1B	X	5.021	3.98
47	MP1B	Z	-2.899	3.98
48	MP1B	Mx	.005	3.98
49	MP1C	X	7.224	.48
50	MP1C	Z	-4.171	.48
51	MP1C	Mx	-.009	.48
52	MP1C	X	7.224	3.98
53	MP1C	Z	-4.171	3.98
54	MP1C	Mx	-.009	3.98
55	MP1A	X	.47	2.23
56	MP1A	Z	-.271	2.23
57	MP1A	Mx	.000343	2.23
58	MP1B	X	.47	2.23
59	MP1B	Z	-.271	2.23
60	MP1B	Mx	.000343	2.23
61	MP1C	X	.47	2.23
62	MP1C	Z	-.271	2.23
63	MP1C	Mx	.000343	2.23
64	MP2A	X	2.321	2.23
65	MP2A	Z	-1.34	2.23
66	MP2A	Mx	.002	2.23
67	MP2B	X	2.096	2.23
68	MP2B	Z	-1.21	2.23
69	MP2B	Mx	-.002	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP2C	X	2.97	2.23
71	MP2C	Z	-1.715	2.23
72	MP2C	Mx	.000904	2.23
73	MP3A	X	2.027	2.23
74	MP3A	Z	-1.17	2.23
75	MP3A	Mx	.001	2.23
76	MP3B	X	1.716	2.23
77	MP3B	Z	-.99	2.23
78	MP3B	Mx	-.000976	2.23
79	MP3C	X	2.924	2.23
80	MP3C	Z	-1.688	2.23
81	MP3C	Mx	.000577	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.755	1.23
2	MP4A	Z	0	1.23
3	MP4A	Mx	-.000877	1.23
4	MP4A	X	1.755	3.23
5	MP4A	Z	0	3.23
6	MP4A	Mx	-.000877	3.23
7	MP4B	X	2.074	1.23
8	MP4B	Z	0	1.23
9	MP4B	Mx	.000974	1.23
10	MP4B	X	2.074	3.23
11	MP4B	Z	0	3.23
12	MP4B	Mx	.000974	3.23
13	MP4C	X	4.401	1.23
14	MP4C	Z	0	1.23
15	MP4C	Mx	.000382	1.23
16	MP4C	X	4.401	3.23
17	MP4C	Z	0	3.23
18	MP4C	Mx	.000382	3.23
19	MP1A	X	5.04	.48
20	MP1A	Z	0	.48
21	MP1A	Mx	-.005	.48
22	MP1A	X	5.04	3.98
23	MP1A	Z	0	3.98
24	MP1A	Mx	-.005	3.98
25	MP1A	X	5.04	.48
26	MP1A	Z	0	.48
27	MP1A	Mx	-.005	.48
28	MP1A	X	5.04	3.98
29	MP1A	Z	0	3.98
30	MP1A	Mx	-.005	3.98
31	MP1B	X	6.056	.48
32	MP1B	Z	0	.48
33	MP1B	Mx	.004	.48
34	MP1B	X	6.056	3.98
35	MP1B	Z	0	3.98
36	MP1B	Mx	.004	3.98
37	MP1C	X	8.6	.48
38	MP1C	Z	0	.48
39	MP1C	Mx	.008	.48
40	MP1C	X	8.6	3.98
41	MP1C	Z	0	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP1C	Mx	.008	3.98
43	MP1B	X	6.056	.48
44	MP1B	Z	0	.48
45	MP1B	Mx	.007	.48
46	MP1B	X	6.056	3.98
47	MP1B	Z	0	3.98
48	MP1B	Mx	.007	3.98
49	MP1C	X	8.6	.48
50	MP1C	Z	0	.48
51	MP1C	Mx	-.005	.48
52	MP1C	X	8.6	3.98
53	MP1C	Z	0	3.98
54	MP1C	Mx	-.005	3.98
55	MP1A	X	.488	2.23
56	MP1A	Z	0	2.23
57	MP1A	Mx	.000356	2.23
58	MP1B	X	.488	2.23
59	MP1B	Z	0	2.23
60	MP1B	Mx	.000356	2.23
61	MP1C	X	.488	2.23
62	MP1C	Z	0	2.23
63	MP1C	Mx	.000356	2.23
64	MP2A	X	2.385	2.23
65	MP2A	Z	0	2.23
66	MP2A	Mx	.002	2.23
67	MP2B	X	2.523	2.23
68	MP2B	Z	0	2.23
69	MP2B	Mx	-.002	2.23
70	MP2C	X	3.532	2.23
71	MP2C	Z	0	2.23
72	MP2C	Mx	-.000473	2.23
73	MP3A	X	1.932	2.23
74	MP3A	Z	0	2.23
75	MP3A	Mx	.000966	2.23
76	MP3B	X	2.123	2.23
77	MP3B	Z	0	2.23
78	MP3B	Mx	-.000997	2.23
79	MP3C	X	3.518	2.23
80	MP3C	Z	0	2.23
81	MP3C	Mx	-.000305	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.111	1.23
2	MP4A	Z	1.219	1.23
3	MP4A	Mx	-.001	1.23
4	MP4A	X	2.111	3.23
5	MP4A	Z	1.219	3.23
6	MP4A	Mx	-.001	3.23
7	MP4B	X	2.907	1.23
8	MP4B	Z	1.678	1.23
9	MP4B	Mx	.001	1.23
10	MP4B	X	2.907	3.23
11	MP4B	Z	1.678	3.23
12	MP4B	Mx	.001	3.23
13	MP4C	X	2.907	1.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP4C	Z	1.678	1.23
15	MP4C	Mx	.001	1.23
16	MP4C	X	2.907	3.23
17	MP4C	Z	1.678	3.23
18	MP4C	Mx	.001	3.23
19	MP1A	X	5.628	.48
20	MP1A	Z	3.249	.48
21	MP1A	Mx	-.003	.48
22	MP1A	X	5.628	3.98
23	MP1A	Z	3.249	3.98
24	MP1A	Mx	-.003	3.98
25	MP1A	X	5.628	.48
26	MP1A	Z	3.249	.48
27	MP1A	Mx	-.009	.48
28	MP1A	X	5.628	3.98
29	MP1A	Z	3.249	3.98
30	MP1A	Mx	-.009	3.98
31	MP1B	X	6.459	.48
32	MP1B	Z	3.729	.48
33	MP1B	Mx	.000709	.48
34	MP1B	X	6.459	3.98
35	MP1B	Z	3.729	3.98
36	MP1B	Mx	.000709	3.98
37	MP1C	X	6.459	.48
38	MP1C	Z	3.729	.48
39	MP1C	Mx	.009	.48
40	MP1C	X	6.459	3.98
41	MP1C	Z	3.729	3.98
42	MP1C	Mx	.009	3.98
43	MP1B	X	6.459	.48
44	MP1B	Z	3.729	.48
45	MP1B	Mx	.009	.48
46	MP1B	X	6.459	3.98
47	MP1B	Z	3.729	3.98
48	MP1B	Mx	.009	3.98
49	MP1C	X	6.459	.48
50	MP1C	Z	3.729	.48
51	MP1C	Mx	.000709	.48
52	MP1C	X	6.459	3.98
53	MP1C	Z	3.729	3.98
54	MP1C	Mx	.000709	3.98
55	MP1A	X	.47	2.23
56	MP1A	Z	.271	2.23
57	MP1A	Mx	.000343	2.23
58	MP1B	X	.47	2.23
59	MP1B	Z	.271	2.23
60	MP1B	Mx	.000343	2.23
61	MP1C	X	.47	2.23
62	MP1C	Z	.271	2.23
63	MP1C	Mx	.000343	2.23
64	MP2A	X	2.321	2.23
65	MP2A	Z	1.34	2.23
66	MP2A	Mx	.002	2.23
67	MP2B	X	2.666	2.23
68	MP2B	Z	1.539	2.23
69	MP2B	Mx	-.002	2.23
70	MP2C	X	2.666	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP2C	Z	1.539	2.23
72	MP2C	Mx	-.002	2.23
73	MP3A	X	2.027	2.23
74	MP3A	Z	1.17	2.23
75	MP3A	Mx	.001	2.23
76	MP3B	X	2.504	2.23
77	MP3B	Z	1.446	2.23
78	MP3B	Mx	-.000929	2.23
79	MP3C	X	2.504	2.23
80	MP3C	Z	1.446	2.23
81	MP3C	Mx	-.000929	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.901	1.23
2	MP4A	Z	3.292	1.23
3	MP4A	Mx	-.000951	1.23
4	MP4A	X	1.901	3.23
5	MP4A	Z	3.292	3.23
6	MP4A	Mx	-.000951	3.23
7	MP4B	X	2.201	1.23
8	MP4B	Z	3.811	1.23
9	MP4B	Mx	.000382	1.23
10	MP4B	X	2.201	3.23
11	MP4B	Z	3.811	3.23
12	MP4B	Mx	.000382	3.23
13	MP4C	X	1.037	1.23
14	MP4C	Z	1.796	1.23
15	MP4C	Mx	.000974	1.23
16	MP4C	X	1.037	3.23
17	MP4C	Z	1.796	3.23
18	MP4C	Mx	.000974	3.23
19	MP1A	X	4.708	.48
20	MP1A	Z	8.154	.48
21	MP1A	Mx	.003	.48
22	MP1A	X	4.708	3.98
23	MP1A	Z	8.154	3.98
24	MP1A	Mx	.003	3.98
25	MP1A	X	4.708	.48
26	MP1A	Z	8.154	.48
27	MP1A	Mx	-.012	.48
28	MP1A	X	4.708	3.98
29	MP1A	Z	8.154	3.98
30	MP1A	Mx	-.012	3.98
31	MP1B	X	4.3	.48
32	MP1B	Z	7.448	.48
33	MP1B	Mx	-.005	.48
34	MP1B	X	4.3	3.98
35	MP1B	Z	7.448	3.98
36	MP1B	Mx	-.005	3.98
37	MP1C	X	3.028	.48
38	MP1C	Z	5.245	.48
39	MP1C	Mx	.007	.48
40	MP1C	X	3.028	3.98
41	MP1C	Z	5.245	3.98
42	MP1C	Mx	.007	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP1B	X	4.3	.48
44	MP1B	Z	7.448	.48
45	MP1B	Mx	.008	.48
46	MP1B	X	4.3	3.98
47	MP1B	Z	7.448	3.98
48	MP1B	Mx	.008	3.98
49	MP1C	X	3.028	.48
50	MP1C	Z	5.245	.48
51	MP1C	Mx	.004	.48
52	MP1C	X	3.028	3.98
53	MP1C	Z	5.245	3.98
54	MP1C	Mx	.004	3.98
55	MP1A	X	.326	2.23
56	MP1A	Z	.564	2.23
57	MP1A	Mx	.000238	2.23
58	MP1B	X	.326	2.23
59	MP1B	Z	.564	2.23
60	MP1B	Mx	.000238	2.23
61	MP1C	X	.326	2.23
62	MP1C	Z	.564	2.23
63	MP1C	Mx	.000238	2.23
64	MP2A	X	1.636	2.23
65	MP2A	Z	2.834	2.23
66	MP2A	Mx	.001	2.23
67	MP2B	X	1.766	2.23
68	MP2B	Z	3.059	2.23
69	MP2B	Mx	-.000473	2.23
70	MP2C	X	1.262	2.23
71	MP2C	Z	2.185	2.23
72	MP2C	Mx	-.002	2.23
73	MP3A	X	1.579	2.23
74	MP3A	Z	2.735	2.23
75	MP3A	Mx	.00079	2.23
76	MP3B	X	1.759	2.23
77	MP3B	Z	3.047	2.23
78	MP3B	Mx	-.000305	2.23
79	MP3C	X	1.062	2.23
80	MP3C	Z	1.839	2.23
81	MP3C	Mx	-.000998	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.23
2	MP4A	Z	4.483	1.23
3	MP4A	Mx	0	1.23
4	MP4A	X	0	3.23
5	MP4A	Z	4.483	3.23
6	MP4A	Mx	0	3.23
7	MP4B	X	0	1.23
8	MP4B	Z	4.164	1.23
9	MP4B	Mx	-.000712	1.23
10	MP4B	X	0	3.23
11	MP4B	Z	4.164	3.23
12	MP4B	Mx	-.000712	3.23
13	MP4C	X	0	1.23
14	MP4C	Z	1.837	1.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP4C	Mx	.000905	1.23
16	MP4C	X	0	3.23
17	MP4C	Z	1.837	3.23
18	MP4C	Mx	.000905	3.23
19	MP1A	X	0	.48
20	MP1A	Z	10.875	.48
21	MP1A	Mx	.01	.48
22	MP1A	X	0	3.98
23	MP1A	Z	10.875	3.98
24	MP1A	Mx	.01	3.98
25	MP1A	X	0	.48
26	MP1A	Z	10.875	.48
27	MP1A	Mx	-.01	.48
28	MP1A	X	0	3.98
29	MP1A	Z	10.875	3.98
30	MP1A	Mx	-.01	3.98
31	MP1B	X	0	.48
32	MP1B	Z	8.341	.48
33	MP1B	Mx	-.009	.48
34	MP1B	X	0	3.98
35	MP1B	Z	8.341	3.98
36	MP1B	Mx	-.009	3.98
37	MP1C	X	0	.48
38	MP1C	Z	5.797	.48
39	MP1C	Mx	.005	.48
40	MP1C	X	0	3.98
41	MP1C	Z	5.797	3.98
42	MP1C	Mx	.005	3.98
43	MP1B	X	0	.48
44	MP1B	Z	8.341	.48
45	MP1B	Mx	.003	.48
46	MP1B	X	0	3.98
47	MP1B	Z	8.341	3.98
48	MP1B	Mx	.003	3.98
49	MP1C	X	0	.48
50	MP1C	Z	5.797	.48
51	MP1C	Mx	.007	.48
52	MP1C	X	0	3.98
53	MP1C	Z	5.797	3.98
54	MP1C	Mx	.007	3.98
55	MP1A	X	0	2.23
56	MP1A	Z	.706	2.23
57	MP1A	Mx	0	2.23
58	MP1B	X	0	2.23
59	MP1B	Z	.706	2.23
60	MP1B	Mx	0	2.23
61	MP1C	X	0	2.23
62	MP1C	Z	.706	2.23
63	MP1C	Mx	0	2.23
64	MP2A	X	0	2.23
65	MP2A	Z	3.568	2.23
66	MP2A	Mx	0	2.23
67	MP2B	X	0	2.23
68	MP2B	Z	3.429	2.23
69	MP2B	Mx	.000904	2.23
70	MP2C	X	0	2.23
71	MP2C	Z	2.42	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	-.002	2.23
73	MP3A	X	0	2.23
74	MP3A	Z	3.568	2.23
75	MP3A	Mx	0	2.23
76	MP3B	X	0	2.23
77	MP3B	Z	3.376	2.23
78	MP3B	Mx	.000577	2.23
79	MP3C	X	0	2.23
80	MP3C	Z	1.981	2.23
81	MP3C	Mx	-.000975	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.901	1.23
2	MP4A	Z	3.292	1.23
3	MP4A	Mx	.000951	1.23
4	MP4A	X	-1.901	3.23
5	MP4A	Z	3.292	3.23
6	MP4A	Mx	.000951	3.23
7	MP4B	X	-1.441	1.23
8	MP4B	Z	2.496	1.23
9	MP4B	Mx	-.001	1.23
10	MP4B	X	-1.441	3.23
11	MP4B	Z	2.496	3.23
12	MP4B	Mx	-.001	3.23
13	MP4C	X	-1.441	1.23
14	MP4C	Z	2.496	1.23
15	MP4C	Mx	.001	1.23
16	MP4C	X	-1.441	3.23
17	MP4C	Z	2.496	3.23
18	MP4C	Mx	.001	3.23
19	MP1A	X	-4.708	.48
20	MP1A	Z	8.154	.48
21	MP1A	Mx	.012	.48
22	MP1A	X	-4.708	3.98
23	MP1A	Z	8.154	3.98
24	MP1A	Mx	.012	3.98
25	MP1A	X	-4.708	.48
26	MP1A	Z	8.154	.48
27	MP1A	Mx	-.003	.48
28	MP1A	X	-4.708	3.98
29	MP1A	Z	8.154	3.98
30	MP1A	Mx	-.003	3.98
31	MP1B	X	-3.47	.48
32	MP1B	Z	6.01	.48
33	MP1B	Mx	-.009	.48
34	MP1B	X	-3.47	3.98
35	MP1B	Z	6.01	3.98
36	MP1B	Mx	-.009	3.98
37	MP1C	X	-3.47	.48
38	MP1C	Z	6.01	.48
39	MP1C	Mx	.002	.48
40	MP1C	X	-3.47	3.98
41	MP1C	Z	6.01	3.98
42	MP1C	Mx	.002	3.98
43	MP1B	X	-3.47	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP1B	Z	6.01	.48
45	MP1B	Mx	-.002	.48
46	MP1B	X	-3.47	3.98
47	MP1B	Z	6.01	3.98
48	MP1B	Mx	-.002	3.98
49	MP1C	X	-3.47	.48
50	MP1C	Z	6.01	.48
51	MP1C	Mx	.009	.48
52	MP1C	X	-3.47	3.98
53	MP1C	Z	6.01	3.98
54	MP1C	Mx	.009	3.98
55	MP1A	X	-.326	2.23
56	MP1A	Z	.564	2.23
57	MP1A	Mx	-.000238	2.23
58	MP1B	X	-.326	2.23
59	MP1B	Z	.564	2.23
60	MP1B	Mx	-.000238	2.23
61	MP1C	X	-.326	2.23
62	MP1C	Z	.564	2.23
63	MP1C	Mx	-.000238	2.23
64	MP2A	X	-1.636	2.23
65	MP2A	Z	2.834	2.23
66	MP2A	Mx	-.001	2.23
67	MP2B	X	-1.437	2.23
68	MP2B	Z	2.489	2.23
69	MP2B	Mx	.002	2.23
70	MP2C	X	-1.437	2.23
71	MP2C	Z	2.489	2.23
72	MP2C	Mx	-.002	2.23
73	MP3A	X	-1.579	2.23
74	MP3A	Z	2.735	2.23
75	MP3A	Mx	-.00079	2.23
76	MP3B	X	-1.304	2.23
77	MP3B	Z	2.258	2.23
78	MP3B	Mx	.000999	2.23
79	MP3C	X	-1.304	2.23
80	MP3C	Z	2.258	2.23
81	MP3C	Mx	-.000999	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.111	1.23
2	MP4A	Z	1.219	1.23
3	MP4A	Mx	.001	1.23
4	MP4A	X	-2.111	3.23
5	MP4A	Z	1.219	3.23
6	MP4A	Mx	.001	3.23
7	MP4B	X	-1.591	1.23
8	MP4B	Z	.919	1.23
9	MP4B	Mx	-.000905	1.23
10	MP4B	X	-1.591	3.23
11	MP4B	Z	.919	3.23
12	MP4B	Mx	-.000905	3.23
13	MP4C	X	-3.606	1.23
14	MP4C	Z	2.082	1.23
15	MP4C	Mx	.000712	1.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP4C	X	-3.606	3.23
17	MP4C	Z	2.082	3.23
18	MP4C	Mx	.000712	3.23
19	MP1A	X	-5.628	.48
20	MP1A	Z	3.249	.48
21	MP1A	Mx	.009	.48
22	MP1A	X	-5.628	3.98
23	MP1A	Z	3.249	3.98
24	MP1A	Mx	.009	3.98
25	MP1A	X	-5.628	.48
26	MP1A	Z	3.249	.48
27	MP1A	Mx	.003	.48
28	MP1A	X	-5.628	3.98
29	MP1A	Z	3.249	3.98
30	MP1A	Mx	.003	3.98
31	MP1B	X	-5.021	.48
32	MP1B	Z	2.899	.48
33	MP1B	Mx	-.007	.48
34	MP1B	X	-5.021	3.98
35	MP1B	Z	2.899	3.98
36	MP1B	Mx	-.007	3.98
37	MP1C	X	-7.224	.48
38	MP1C	Z	4.171	.48
39	MP1C	Mx	-.003	.48
40	MP1C	X	-7.224	3.98
41	MP1C	Z	4.171	3.98
42	MP1C	Mx	-.003	3.98
43	MP1B	X	-5.021	.48
44	MP1B	Z	2.899	.48
45	MP1B	Mx	-.005	.48
46	MP1B	X	-5.021	3.98
47	MP1B	Z	2.899	3.98
48	MP1B	Mx	-.005	3.98
49	MP1C	X	-7.224	.48
50	MP1C	Z	4.171	.48
51	MP1C	Mx	.009	.48
52	MP1C	X	-7.224	3.98
53	MP1C	Z	4.171	3.98
54	MP1C	Mx	.009	3.98
55	MP1A	X	-.47	2.23
56	MP1A	Z	.271	2.23
57	MP1A	Mx	-.000343	2.23
58	MP1B	X	-.47	2.23
59	MP1B	Z	.271	2.23
60	MP1B	Mx	-.000343	2.23
61	MP1C	X	-.47	2.23
62	MP1C	Z	.271	2.23
63	MP1C	Mx	-.000343	2.23
64	MP2A	X	-2.321	2.23
65	MP2A	Z	1.34	2.23
66	MP2A	Mx	-.002	2.23
67	MP2B	X	-2.096	2.23
68	MP2B	Z	1.21	2.23
69	MP2B	Mx	.002	2.23
70	MP2C	X	-2.97	2.23
71	MP2C	Z	1.715	2.23
72	MP2C	Mx	-.000904	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP3A	X	-2.027	2.23
74	MP3A	Z	1.17	2.23
75	MP3A	Mx	-.001	2.23
76	MP3B	X	-1.716	2.23
77	MP3B	Z	.99	2.23
78	MP3B	Mx	.000976	2.23
79	MP3C	X	-2.924	2.23
80	MP3C	Z	1.688	2.23
81	MP3C	Mx	-.000577	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.755	1.23
2	MP4A	Z	0	1.23
3	MP4A	Mx	.000877	1.23
4	MP4A	X	-1.755	3.23
5	MP4A	Z	0	3.23
6	MP4A	Mx	.000877	3.23
7	MP4B	X	-2.074	1.23
8	MP4B	Z	0	1.23
9	MP4B	Mx	-.000974	1.23
10	MP4B	X	-2.074	3.23
11	MP4B	Z	0	3.23
12	MP4B	Mx	-.000974	3.23
13	MP4C	X	-4.401	1.23
14	MP4C	Z	0	1.23
15	MP4C	Mx	-.000382	1.23
16	MP4C	X	-4.401	3.23
17	MP4C	Z	0	3.23
18	MP4C	Mx	-.000382	3.23
19	MP1A	X	-5.04	.48
20	MP1A	Z	0	.48
21	MP1A	Mx	.005	.48
22	MP1A	X	-5.04	3.98
23	MP1A	Z	0	3.98
24	MP1A	Mx	.005	3.98
25	MP1A	X	-5.04	.48
26	MP1A	Z	0	.48
27	MP1A	Mx	.005	.48
28	MP1A	X	-5.04	3.98
29	MP1A	Z	0	3.98
30	MP1A	Mx	.005	3.98
31	MP1B	X	-6.056	.48
32	MP1B	Z	0	.48
33	MP1B	Mx	-.004	.48
34	MP1B	X	-6.056	3.98
35	MP1B	Z	0	3.98
36	MP1B	Mx	-.004	3.98
37	MP1C	X	-8.6	.48
38	MP1C	Z	0	.48
39	MP1C	Mx	-.008	.48
40	MP1C	X	-8.6	3.98
41	MP1C	Z	0	3.98
42	MP1C	Mx	-.008	3.98
43	MP1B	X	-6.056	.48
44	MP1B	Z	0	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP1B	Mx	-.007	.48
46	MP1B	X	-6.056	3.98
47	MP1B	Z	0	3.98
48	MP1B	Mx	-.007	3.98
49	MP1C	X	-8.6	.48
50	MP1C	Z	0	.48
51	MP1C	Mx	.005	.48
52	MP1C	X	-8.6	3.98
53	MP1C	Z	0	3.98
54	MP1C	Mx	.005	3.98
55	MP1A	X	-.488	2.23
56	MP1A	Z	0	2.23
57	MP1A	Mx	-.000356	2.23
58	MP1B	X	-.488	2.23
59	MP1B	Z	0	2.23
60	MP1B	Mx	-.000356	2.23
61	MP1C	X	-.488	2.23
62	MP1C	Z	0	2.23
63	MP1C	Mx	-.000356	2.23
64	MP2A	X	-2.385	2.23
65	MP2A	Z	0	2.23
66	MP2A	Mx	-.002	2.23
67	MP2B	X	-2.523	2.23
68	MP2B	Z	0	2.23
69	MP2B	Mx	.002	2.23
70	MP2C	X	-3.532	2.23
71	MP2C	Z	0	2.23
72	MP2C	Mx	.000473	2.23
73	MP3A	X	-1.932	2.23
74	MP3A	Z	0	2.23
75	MP3A	Mx	-.000966	2.23
76	MP3B	X	-2.123	2.23
77	MP3B	Z	0	2.23
78	MP3B	Mx	.000997	2.23
79	MP3C	X	-3.518	2.23
80	MP3C	Z	0	2.23
81	MP3C	Mx	.000305	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.111	1.23
2	MP4A	Z	-1.219	1.23
3	MP4A	Mx	.001	1.23
4	MP4A	X	-2.111	3.23
5	MP4A	Z	-1.219	3.23
6	MP4A	Mx	.001	3.23
7	MP4B	X	-2.907	1.23
8	MP4B	Z	-1.678	1.23
9	MP4B	Mx	-.001	1.23
10	MP4B	X	-2.907	3.23
11	MP4B	Z	-1.678	3.23
12	MP4B	Mx	-.001	3.23
13	MP4C	X	-2.907	1.23
14	MP4C	Z	-1.678	1.23
15	MP4C	Mx	-.001	1.23
16	MP4C	X	-2.907	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP4C	Z	-1.678	3.23
18	MP4C	Mx	-.001	3.23
19	MP1A	X	-5.628	.48
20	MP1A	Z	-3.249	.48
21	MP1A	Mx	.003	.48
22	MP1A	X	-5.628	3.98
23	MP1A	Z	-3.249	3.98
24	MP1A	Mx	.003	3.98
25	MP1A	X	-5.628	.48
26	MP1A	Z	-3.249	.48
27	MP1A	Mx	.009	.48
28	MP1A	X	-5.628	3.98
29	MP1A	Z	-3.249	3.98
30	MP1A	Mx	.009	3.98
31	MP1B	X	-6.459	.48
32	MP1B	Z	-3.729	.48
33	MP1B	Mx	-.000709	.48
34	MP1B	X	-6.459	3.98
35	MP1B	Z	-3.729	3.98
36	MP1B	Mx	-.000709	3.98
37	MP1C	X	-6.459	.48
38	MP1C	Z	-3.729	.48
39	MP1C	Mx	-.009	.48
40	MP1C	X	-6.459	3.98
41	MP1C	Z	-3.729	3.98
42	MP1C	Mx	-.009	3.98
43	MP1B	X	-6.459	.48
44	MP1B	Z	-3.729	.48
45	MP1B	Mx	-.009	.48
46	MP1B	X	-6.459	3.98
47	MP1B	Z	-3.729	3.98
48	MP1B	Mx	-.009	3.98
49	MP1C	X	-6.459	.48
50	MP1C	Z	-3.729	.48
51	MP1C	Mx	-.000709	.48
52	MP1C	X	-6.459	3.98
53	MP1C	Z	-3.729	3.98
54	MP1C	Mx	-.000709	3.98
55	MP1A	X	-.47	2.23
56	MP1A	Z	-.271	2.23
57	MP1A	Mx	-.000343	2.23
58	MP1B	X	-.47	2.23
59	MP1B	Z	-.271	2.23
60	MP1B	Mx	-.000343	2.23
61	MP1C	X	-.47	2.23
62	MP1C	Z	-.271	2.23
63	MP1C	Mx	-.000343	2.23
64	MP2A	X	-2.321	2.23
65	MP2A	Z	-1.34	2.23
66	MP2A	Mx	-.002	2.23
67	MP2B	X	-2.666	2.23
68	MP2B	Z	-1.539	2.23
69	MP2B	Mx	.002	2.23
70	MP2C	X	-2.666	2.23
71	MP2C	Z	-1.539	2.23
72	MP2C	Mx	.002	2.23
73	MP3A	X	-2.027	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3A	Z	-1.17	2.23
75	MP3A	Mx	-.001	2.23
76	MP3B	X	-2.504	2.23
77	MP3B	Z	-1.446	2.23
78	MP3B	Mx	.000929	2.23
79	MP3C	X	-2.504	2.23
80	MP3C	Z	-1.446	2.23
81	MP3C	Mx	.000929	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.901	1.23
2	MP4A	Z	-3.292	1.23
3	MP4A	Mx	.000951	1.23
4	MP4A	X	-1.901	3.23
5	MP4A	Z	-3.292	3.23
6	MP4A	Mx	.000951	3.23
7	MP4B	X	-2.201	1.23
8	MP4B	Z	-3.811	1.23
9	MP4B	Mx	-.000382	1.23
10	MP4B	X	-2.201	3.23
11	MP4B	Z	-3.811	3.23
12	MP4B	Mx	-.000382	3.23
13	MP4C	X	-1.037	1.23
14	MP4C	Z	-1.796	1.23
15	MP4C	Mx	-.000974	1.23
16	MP4C	X	-1.037	3.23
17	MP4C	Z	-1.796	3.23
18	MP4C	Mx	-.000974	3.23
19	MP1A	X	-4.708	.48
20	MP1A	Z	-8.154	.48
21	MP1A	Mx	-.003	.48
22	MP1A	X	-4.708	3.98
23	MP1A	Z	-8.154	3.98
24	MP1A	Mx	-.003	3.98
25	MP1A	X	-4.708	.48
26	MP1A	Z	-8.154	.48
27	MP1A	Mx	.012	.48
28	MP1A	X	-4.708	3.98
29	MP1A	Z	-8.154	3.98
30	MP1A	Mx	.012	3.98
31	MP1B	X	-4.3	.48
32	MP1B	Z	-7.448	.48
33	MP1B	Mx	.005	.48
34	MP1B	X	-4.3	3.98
35	MP1B	Z	-7.448	3.98
36	MP1B	Mx	.005	3.98
37	MP1C	X	-3.028	.48
38	MP1C	Z	-5.245	.48
39	MP1C	Mx	-.007	.48
40	MP1C	X	-3.028	3.98
41	MP1C	Z	-5.245	3.98
42	MP1C	Mx	-.007	3.98
43	MP1B	X	-4.3	.48
44	MP1B	Z	-7.448	.48
45	MP1B	Mx	-.008	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1B	X	-4.3	3.98
47	MP1B	Z	-7.448	3.98
48	MP1B	Mx	-.008	3.98
49	MP1C	X	-3.028	.48
50	MP1C	Z	-5.245	.48
51	MP1C	Mx	-.004	.48
52	MP1C	X	-3.028	3.98
53	MP1C	Z	-5.245	3.98
54	MP1C	Mx	-.004	3.98
55	MP1A	X	-.326	2.23
56	MP1A	Z	-.564	2.23
57	MP1A	Mx	-.000238	2.23
58	MP1B	X	-.326	2.23
59	MP1B	Z	-.564	2.23
60	MP1B	Mx	-.000238	2.23
61	MP1C	X	-.326	2.23
62	MP1C	Z	-.564	2.23
63	MP1C	Mx	-.000238	2.23
64	MP2A	X	-1.636	2.23
65	MP2A	Z	-2.834	2.23
66	MP2A	Mx	-.001	2.23
67	MP2B	X	-1.766	2.23
68	MP2B	Z	-3.059	2.23
69	MP2B	Mx	.000473	2.23
70	MP2C	X	-1.262	2.23
71	MP2C	Z	-2.185	2.23
72	MP2C	Mx	.002	2.23
73	MP3A	X	-1.579	2.23
74	MP3A	Z	-2.735	2.23
75	MP3A	Mx	-.00079	2.23
76	MP3B	X	-1.759	2.23
77	MP3B	Z	-3.047	2.23
78	MP3B	Mx	.000305	2.23
79	MP3C	X	-1.062	2.23
80	MP3C	Z	-1.839	2.23
81	MP3C	Mx	.000998	2.23

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M19	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	%100

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.332	-6.332	0	%100
2	M4	Y	-9.287	-9.287	0	%100
3	M10	Y	-9.287	-9.287	0	%100
4	MP3A	Y	-4.791	-4.791	0	%100
5	MP4A	Y	-4.791	-4.791	0	%100
6	MP2A	Y	-4.791	-4.791	0	%100
7	MP1A	Y	-4.791	-4.791	0	%100
8	M43	Y	-9.287	-9.287	0	%100
9	M46	Y	-9.786	-9.786	0	%100
10	M51B	Y	-5.412	-5.412	0	%100
11	M52B	Y	-5.412	-5.412	0	%100
12	M76	Y	-9.773	-9.773	0	%100
13	M77	Y	-9.773	-9.773	0	%100
14	M80	Y	-9.786	-9.786	0	%100
15	M84	Y	-9.773	-9.773	0	%100
16	M85	Y	-9.773	-9.773	0	%100
17	M91	Y	-9.786	-9.786	0	%100
18	M34	Y	-9.287	-9.287	0	%100
19	M35	Y	-9.287	-9.287	0	%100
20	M36	Y	-9.287	-9.287	0	%100
21	M37	Y	-9.786	-9.786	0	%100
22	M40	Y	-5.412	-5.412	0	%100
23	M41	Y	-5.412	-5.412	0	%100
24	M45	Y	-9.773	-9.773	0	%100
25	M46A	Y	-9.773	-9.773	0	%100
26	M48	Y	-9.786	-9.786	0	%100
27	M50A	Y	-9.773	-9.773	0	%100
28	M51C	Y	-9.773	-9.773	0	%100
29	M53	Y	-9.786	-9.786	0	%100
30	M58A	Y	-9.287	-9.287	0	%100
31	M59A	Y	-9.287	-9.287	0	%100
32	M60	Y	-9.287	-9.287	0	%100
33	M61	Y	-9.786	-9.786	0	%100
34	M64	Y	-5.412	-5.412	0	%100
35	M65	Y	-5.412	-5.412	0	%100
36	M69	Y	-9.773	-9.773	0	%100
37	M70	Y	-9.773	-9.773	0	%100
38	M72	Y	-9.786	-9.786	0	%100
39	M74	Y	-9.773	-9.773	0	%100
40	M75	Y	-9.773	-9.773	0	%100
41	M77A	Y	-9.786	-9.786	0	%100
42	M82	Y	-6.332	-6.332	0	%100
43	MP3C	Y	-4.791	-4.791	0	%100
44	MP4C	Y	-4.791	-4.791	0	%100
45	MP2C	Y	-4.791	-4.791	0	%100
46	MP1C	Y	-4.791	-4.791	0	%100
47	M91A	Y	-6.332	-6.332	0	%100
48	MP3B	Y	-4.791	-4.791	0	%100
49	MP4B	Y	-4.791	-4.791	0	%100
50	MP2B	Y	-4.791	-4.791	0	%100
51	MP1B	Y	-4.791	-4.791	0	%100
52	M100	Y	-5.476	-5.476	0	%100
53	M105	Y	-5.476	-5.476	0	%100
54	M110	Y	-5.476	-5.476	0	%100
55	M121	Y	-7.349	-7.349	0	%100
56	M122	Y	-7.349	-7.349	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
57	M123	Y	-7.349	-7.349	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[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-10.156	-10.156	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-8.729	-8.729	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-6.892	-6.892	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-6.892	-6.892	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-6.892	-6.892	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-6.892	-6.892	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-8.729	-8.729	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-17.411	-17.411	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-2.417	-2.417	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-2.417	-2.417	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-4.433	-4.433	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-4.669	-4.669	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-4.433	-4.433	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-4.669	-4.669	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-7.737	-7.737	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-2.182	-2.182	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-2.182	-2.182	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-4.353	-4.353	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-2.417	-2.417	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-9.668	-9.668	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-13.058	-13.058	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-4.433	-4.433	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-4.669	-4.669	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[ft,%]	End Location[ft,%]
53	M50A	X	0	0	0	%100
54	M50A	Z	-13.058	-13.058	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-17.733	-17.733	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-18.678	-18.678	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-7.737	-7.737	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-2.182	-2.182	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-2.182	-2.182	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-4.353	-4.353	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-9.668	-9.668	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-2.417	-2.417	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-13.058	-13.058	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-17.733	-17.733	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-18.678	-18.678	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-13.058	-13.058	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-4.433	-4.433	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-4.669	-4.669	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-2.539	-2.539	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-6.892	-6.892	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-6.892	-6.892	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-6.892	-6.892	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-6.892	-6.892	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-2.539	-2.539	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-6.892	-6.892	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-6.892	-6.892	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-6.892	-6.892	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-6.892	-6.892	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-8.343	-8.343	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	-2.086	-2.086	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	-2.086	-2.086	0	%100
109	M121	X	0	0	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[ft,%]	End Location[ft,%]
110	M121	Z	-2.541	-2.541	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-2.541	-2.541	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-10.166	-10.166	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[ft,%]	End Location[ft,%]
1	M1	X	3.809	3.809	0	%100
2	M1	Z	-6.597	-6.597	0	%100
3	M4	X	1.289	1.289	0	%100
4	M4	Z	-2.233	-2.233	0	%100
5	M10	X	3.273	3.273	0	%100
6	M10	Z	-5.67	-5.67	0	%100
7	MP3A	X	3.446	3.446	0	%100
8	MP3A	Z	-5.968	-5.968	0	%100
9	MP4A	X	3.446	3.446	0	%100
10	MP4A	Z	-5.968	-5.968	0	%100
11	MP2A	X	3.446	3.446	0	%100
12	MP2A	Z	-5.968	-5.968	0	%100
13	MP1A	X	3.446	3.446	0	%100
14	MP1A	Z	-5.968	-5.968	0	%100
15	M43	X	3.273	3.273	0	%100
16	M43	Z	-5.67	-5.67	0	%100
17	M46	X	6.529	6.529	0	%100
18	M46	Z	-11.309	-11.309	0	%100
19	M51B	X	3.625	3.625	0	%100
20	M51B	Z	-6.279	-6.279	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	2.176	2.176	0	%100
24	M76	Z	-3.77	-3.77	0	%100
25	M77	X	6.65	6.65	0	%100
26	M77	Z	-11.518	-11.518	0	%100
27	M80	X	7.004	7.004	0	%100
28	M80	Z	-12.132	-12.132	0	%100
29	M84	X	2.176	2.176	0	%100
30	M84	Z	-3.77	-3.77	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	1.289	1.289	0	%100
36	M34	Z	-2.233	-2.233	0	%100
37	M35	X	3.273	3.273	0	%100
38	M35	Z	-5.67	-5.67	0	%100
39	M36	X	3.273	3.273	0	%100
40	M36	Z	-5.67	-5.67	0	%100
41	M37	X	6.529	6.529	0	%100
42	M37	Z	-11.309	-11.309	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	3.625	3.625	0	%100
46	M41	Z	-6.279	-6.279	0	%100
47	M45	X	2.176	2.176	0	%100
48	M45	Z	-3.77	-3.77	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[ft,%]	End Location[ft,%]
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	2.176	2.176	0	%100
54	M50A	Z	-3.77	-3.77	0	%100
55	M51C	X	6.65	6.65	0	%100
56	M51C	Z	-11.518	-11.518	0	%100
57	M53	X	7.004	7.004	0	%100
58	M53	Z	-12.132	-12.132	0	%100
59	M58A	X	5.158	5.158	0	%100
60	M58A	Z	-8.934	-8.934	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	3.625	3.625	0	%100
68	M64	Z	-6.279	-6.279	0	%100
69	M65	X	3.625	3.625	0	%100
70	M65	Z	-6.279	-6.279	0	%100
71	M69	X	8.705	8.705	0	%100
72	M69	Z	-15.078	-15.078	0	%100
73	M70	X	6.65	6.65	0	%100
74	M70	Z	-11.518	-11.518	0	%100
75	M72	X	7.004	7.004	0	%100
76	M72	Z	-12.132	-12.132	0	%100
77	M74	X	8.705	8.705	0	%100
78	M74	Z	-15.078	-15.078	0	%100
79	M75	X	6.65	6.65	0	%100
80	M75	Z	-11.518	-11.518	0	%100
81	M77A	X	7.004	7.004	0	%100
82	M77A	Z	-12.132	-12.132	0	%100
83	M82	X	3.809	3.809	0	%100
84	M82	Z	-6.597	-6.597	0	%100
85	MP3C	X	3.446	3.446	0	%100
86	MP3C	Z	-5.968	-5.968	0	%100
87	MP4C	X	3.446	3.446	0	%100
88	MP4C	Z	-5.968	-5.968	0	%100
89	MP2C	X	3.446	3.446	0	%100
90	MP2C	Z	-5.968	-5.968	0	%100
91	MP1C	X	3.446	3.446	0	%100
92	MP1C	Z	-5.968	-5.968	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	3.446	3.446	0	%100
96	MP3B	Z	-5.968	-5.968	0	%100
97	MP4B	X	3.446	3.446	0	%100
98	MP4B	Z	-5.968	-5.968	0	%100
99	MP2B	X	3.446	3.446	0	%100
100	MP2B	Z	-5.968	-5.968	0	%100
101	MP1B	X	3.446	3.446	0	%100
102	MP1B	Z	-5.968	-5.968	0	%100
103	M100	X	3.128	3.128	0	%100
104	M100	Z	-5.419	-5.419	0	%100
105	M105	X	3.128	3.128	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[ft,%]	End Location[ft,%]
106	M105	Z	-5.419	-5.419	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	3.812	3.812	0	%100
110	M121	Z	-6.603	-6.603	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	3.812	3.812	0	%100
114	M123	Z	-6.603	-6.603	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[ft,%]	End Location[ft,%]
1	M1	X	2.199	2.199	0	%100
2	M1	Z	-1.27	-1.27	0	%100
3	M4	X	6.7	6.7	0	%100
4	M4	Z	-3.868	-3.868	0	%100
5	M10	X	1.89	1.89	0	%100
6	M10	Z	-1.091	-1.091	0	%100
7	MP3A	X	5.968	5.968	0	%100
8	MP3A	Z	-3.446	-3.446	0	%100
9	MP4A	X	5.968	5.968	0	%100
10	MP4A	Z	-3.446	-3.446	0	%100
11	MP2A	X	5.968	5.968	0	%100
12	MP2A	Z	-3.446	-3.446	0	%100
13	MP1A	X	5.968	5.968	0	%100
14	MP1A	Z	-3.446	-3.446	0	%100
15	M43	X	1.89	1.89	0	%100
16	M43	Z	-1.091	-1.091	0	%100
17	M46	X	3.77	3.77	0	%100
18	M46	Z	-2.176	-2.176	0	%100
19	M51B	X	8.373	8.373	0	%100
20	M51B	Z	-4.834	-4.834	0	%100
21	M52B	X	2.093	2.093	0	%100
22	M52B	Z	-1.208	-1.208	0	%100
23	M76	X	11.309	11.309	0	%100
24	M76	Z	-6.529	-6.529	0	%100
25	M77	X	15.357	15.357	0	%100
26	M77	Z	-8.867	-8.867	0	%100
27	M80	X	16.176	16.176	0	%100
28	M80	Z	-9.339	-9.339	0	%100
29	M84	X	11.309	11.309	0	%100
30	M84	Z	-6.529	-6.529	0	%100
31	M85	X	3.839	3.839	0	%100
32	M85	Z	-2.217	-2.217	0	%100
33	M91	X	4.044	4.044	0	%100
34	M91	Z	-2.335	-2.335	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	7.559	7.559	0	%100
38	M35	Z	-4.364	-4.364	0	%100
39	M36	X	7.559	7.559	0	%100
40	M36	Z	-4.364	-4.364	0	%100
41	M37	X	15.078	15.078	0	%100
42	M37	Z	-8.705	-8.705	0	%100
43	M40	X	2.093	2.093	0	%100
44	M40	Z	-1.208	-1.208	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	M41	X	2.093	2.093	0	%100
46	M41	Z	-1.208	-1.208	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	3.839	3.839	0	%100
50	M46A	Z	-2.217	-2.217	0	%100
51	M48	X	4.044	4.044	0	%100
52	M48	Z	-2.335	-2.335	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	3.839	3.839	0	%100
56	M51C	Z	-2.217	-2.217	0	%100
57	M53	X	4.044	4.044	0	%100
58	M53	Z	-2.335	-2.335	0	%100
59	M58A	X	6.7	6.7	0	%100
60	M58A	Z	-3.868	-3.868	0	%100
61	M59A	X	1.89	1.89	0	%100
62	M59A	Z	-1.091	-1.091	0	%100
63	M60	X	1.89	1.89	0	%100
64	M60	Z	-1.091	-1.091	0	%100
65	M61	X	3.77	3.77	0	%100
66	M61	Z	-2.176	-2.176	0	%100
67	M64	X	2.093	2.093	0	%100
68	M64	Z	-1.208	-1.208	0	%100
69	M65	X	8.373	8.373	0	%100
70	M65	Z	-4.834	-4.834	0	%100
71	M69	X	11.309	11.309	0	%100
72	M69	Z	-6.529	-6.529	0	%100
73	M70	X	3.839	3.839	0	%100
74	M70	Z	-2.217	-2.217	0	%100
75	M72	X	4.044	4.044	0	%100
76	M72	Z	-2.335	-2.335	0	%100
77	M74	X	11.309	11.309	0	%100
78	M74	Z	-6.529	-6.529	0	%100
79	M75	X	15.357	15.357	0	%100
80	M75	Z	-8.867	-8.867	0	%100
81	M77A	X	16.176	16.176	0	%100
82	M77A	Z	-9.339	-9.339	0	%100
83	M82	X	8.796	8.796	0	%100
84	M82	Z	-5.078	-5.078	0	%100
85	MP3C	X	5.968	5.968	0	%100
86	MP3C	Z	-3.446	-3.446	0	%100
87	MP4C	X	5.968	5.968	0	%100
88	MP4C	Z	-3.446	-3.446	0	%100
89	MP2C	X	5.968	5.968	0	%100
90	MP2C	Z	-3.446	-3.446	0	%100
91	MP1C	X	5.968	5.968	0	%100
92	MP1C	Z	-3.446	-3.446	0	%100
93	M91A	X	2.199	2.199	0	%100
94	M91A	Z	-1.27	-1.27	0	%100
95	MP3B	X	5.968	5.968	0	%100
96	MP3B	Z	-3.446	-3.446	0	%100
97	MP4B	X	5.968	5.968	0	%100
98	MP4B	Z	-3.446	-3.446	0	%100
99	MP2B	X	5.968	5.968	0	%100
100	MP2B	Z	-3.446	-3.446	0	%100
101	MP1B	X	5.968	5.968	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
102	MP1B	Z	-3.446	-3.446	0	%100
103	M100	X	1.806	1.806	0	%100
104	M100	Z	-1.043	-1.043	0	%100
105	M105	X	7.225	7.225	0	%100
106	M105	Z	-4.171	-4.171	0	%100
107	M110	X	1.806	1.806	0	%100
108	M110	Z	-1.043	-1.043	0	%100
109	M121	X	8.804	8.804	0	%100
110	M121	Z	-5.083	-5.083	0	%100
111	M122	X	2.201	2.201	0	%100
112	M122	Z	-1.271	-1.271	0	%100
113	M123	X	2.201	2.201	0	%100
114	M123	Z	-1.271	-1.271	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[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	10.316	10.316	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	6.892	6.892	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	6.892	6.892	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	6.892	6.892	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	6.892	6.892	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	7.251	7.251	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	7.251	7.251	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	17.411	17.411	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	13.3	13.3	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	14.008	14.008	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	17.411	17.411	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	13.3	13.3	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	14.008	14.008	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	2.579	2.579	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	6.547	6.547	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	6.547	6.547	0	%100
40	M36	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[ft,%]	End Location[ft,%]
41	M37	X	13.058	13.058	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	7.251	7.251	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	4.353	4.353	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	13.3	13.3	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	14.008	14.008	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	4.353	4.353	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	2.579	2.579	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	6.547	6.547	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	6.547	6.547	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	13.058	13.058	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	7.251	7.251	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	4.353	4.353	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	4.353	4.353	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	13.3	13.3	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	14.008	14.008	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	7.617	7.617	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	6.892	6.892	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	6.892	6.892	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	6.892	6.892	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	6.892	6.892	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	7.617	7.617	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	6.892	6.892	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	6.892	6.892	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[ft,%]	End Location[ft,%]
98	MP4B	Z	0	0	0	%100
99	MP2B	X	6.892	6.892	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	6.892	6.892	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	6.257	6.257	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	6.257	6.257	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	7.624	7.624	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	7.624	7.624	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.199	2.199	0	%100
2	M1	Z	1.27	1.27	0	%100
3	M4	X	6.7	6.7	0	%100
4	M4	Z	3.868	3.868	0	%100
5	M10	X	1.89	1.89	0	%100
6	M10	Z	1.091	1.091	0	%100
7	MP3A	X	5.968	5.968	0	%100
8	MP3A	Z	3.446	3.446	0	%100
9	MP4A	X	5.968	5.968	0	%100
10	MP4A	Z	3.446	3.446	0	%100
11	MP2A	X	5.968	5.968	0	%100
12	MP2A	Z	3.446	3.446	0	%100
13	MP1A	X	5.968	5.968	0	%100
14	MP1A	Z	3.446	3.446	0	%100
15	M43	X	1.89	1.89	0	%100
16	M43	Z	1.091	1.091	0	%100
17	M46	X	3.77	3.77	0	%100
18	M46	Z	2.176	2.176	0	%100
19	M51B	X	2.093	2.093	0	%100
20	M51B	Z	1.208	1.208	0	%100
21	M52B	X	8.373	8.373	0	%100
22	M52B	Z	4.834	4.834	0	%100
23	M76	X	11.309	11.309	0	%100
24	M76	Z	6.529	6.529	0	%100
25	M77	X	3.839	3.839	0	%100
26	M77	Z	2.217	2.217	0	%100
27	M80	X	4.044	4.044	0	%100
28	M80	Z	2.335	2.335	0	%100
29	M84	X	11.309	11.309	0	%100
30	M84	Z	6.529	6.529	0	%100
31	M85	X	15.357	15.357	0	%100
32	M85	Z	8.867	8.867	0	%100
33	M91	X	16.176	16.176	0	%100
34	M91	Z	9.339	9.339	0	%100
35	M34	X	6.7	6.7	0	%100
36	M34	Z	3.868	3.868	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[ft,%]	End Location[ft,%]
37	M35	X	1.89	1.89	0	%100
38	M35	Z	1.091	1.091	0	%100
39	M36	X	1.89	1.89	0	%100
40	M36	Z	1.091	1.091	0	%100
41	M37	X	3.77	3.77	0	%100
42	M37	Z	2.176	2.176	0	%100
43	M40	X	8.373	8.373	0	%100
44	M40	Z	4.834	4.834	0	%100
45	M41	X	2.093	2.093	0	%100
46	M41	Z	1.208	1.208	0	%100
47	M45	X	11.309	11.309	0	%100
48	M45	Z	6.529	6.529	0	%100
49	M46A	X	15.357	15.357	0	%100
50	M46A	Z	8.867	8.867	0	%100
51	M48	X	16.176	16.176	0	%100
52	M48	Z	9.339	9.339	0	%100
53	M50A	X	11.309	11.309	0	%100
54	M50A	Z	6.529	6.529	0	%100
55	M51C	X	3.839	3.839	0	%100
56	M51C	Z	2.217	2.217	0	%100
57	M53	X	4.044	4.044	0	%100
58	M53	Z	2.335	2.335	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	7.559	7.559	0	%100
62	M59A	Z	4.364	4.364	0	%100
63	M60	X	7.559	7.559	0	%100
64	M60	Z	4.364	4.364	0	%100
65	M61	X	15.078	15.078	0	%100
66	M61	Z	8.705	8.705	0	%100
67	M64	X	2.093	2.093	0	%100
68	M64	Z	1.208	1.208	0	%100
69	M65	X	2.093	2.093	0	%100
70	M65	Z	1.208	1.208	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	3.839	3.839	0	%100
74	M70	Z	2.217	2.217	0	%100
75	M72	X	4.044	4.044	0	%100
76	M72	Z	2.335	2.335	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	3.839	3.839	0	%100
80	M75	Z	2.217	2.217	0	%100
81	M77A	X	4.044	4.044	0	%100
82	M77A	Z	2.335	2.335	0	%100
83	M82	X	2.199	2.199	0	%100
84	M82	Z	1.27	1.27	0	%100
85	MP3C	X	5.968	5.968	0	%100
86	MP3C	Z	3.446	3.446	0	%100
87	MP4C	X	5.968	5.968	0	%100
88	MP4C	Z	3.446	3.446	0	%100
89	MP2C	X	5.968	5.968	0	%100
90	MP2C	Z	3.446	3.446	0	%100
91	MP1C	X	5.968	5.968	0	%100
92	MP1C	Z	3.446	3.446	0	%100
93	M91A	X	8.796	8.796	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[ft,%]	End Location[ft,%]
94	M91A	Z	5.078	5.078	0	%100
95	MP3B	X	5.968	5.968	0	%100
96	MP3B	Z	3.446	3.446	0	%100
97	MP4B	X	5.968	5.968	0	%100
98	MP4B	Z	3.446	3.446	0	%100
99	MP2B	X	5.968	5.968	0	%100
100	MP2B	Z	3.446	3.446	0	%100
101	MP1B	X	5.968	5.968	0	%100
102	MP1B	Z	3.446	3.446	0	%100
103	M100	X	1.806	1.806	0	%100
104	M100	Z	1.043	1.043	0	%100
105	M105	X	1.806	1.806	0	%100
106	M105	Z	1.043	1.043	0	%100
107	M110	X	7.225	7.225	0	%100
108	M110	Z	4.171	4.171	0	%100
109	M121	X	2.201	2.201	0	%100
110	M121	Z	1.271	1.271	0	%100
111	M122	X	8.804	8.804	0	%100
112	M122	Z	5.083	5.083	0	%100
113	M123	X	2.201	2.201	0	%100
114	M123	Z	1.271	1.271	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[ft,%]	End Location[ft,%]
1	M1	X	3.809	3.809	0	%100
2	M1	Z	6.597	6.597	0	%100
3	M4	X	1.289	1.289	0	%100
4	M4	Z	2.233	2.233	0	%100
5	M10	X	3.273	3.273	0	%100
6	M10	Z	5.67	5.67	0	%100
7	MP3A	X	3.446	3.446	0	%100
8	MP3A	Z	5.968	5.968	0	%100
9	MP4A	X	3.446	3.446	0	%100
10	MP4A	Z	5.968	5.968	0	%100
11	MP2A	X	3.446	3.446	0	%100
12	MP2A	Z	5.968	5.968	0	%100
13	MP1A	X	3.446	3.446	0	%100
14	MP1A	Z	5.968	5.968	0	%100
15	M43	X	3.273	3.273	0	%100
16	M43	Z	5.67	5.67	0	%100
17	M46	X	6.529	6.529	0	%100
18	M46	Z	11.309	11.309	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	3.625	3.625	0	%100
22	M52B	Z	6.279	6.279	0	%100
23	M76	X	2.176	2.176	0	%100
24	M76	Z	3.77	3.77	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	2.176	2.176	0	%100
30	M84	Z	3.77	3.77	0	%100
31	M85	X	6.65	6.65	0	%100
32	M85	Z	11.518	11.518	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[ft,%]	End Location[ft,%]
33	M91	X	7.004	7.004	0	%100
34	M91	Z	12.132	12.132	0	%100
35	M34	X	5.158	5.158	0	%100
36	M34	Z	8.934	8.934	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	3.625	3.625	0	%100
44	M40	Z	6.279	6.279	0	%100
45	M41	X	3.625	3.625	0	%100
46	M41	Z	6.279	6.279	0	%100
47	M45	X	8.705	8.705	0	%100
48	M45	Z	15.078	15.078	0	%100
49	M46A	X	6.65	6.65	0	%100
50	M46A	Z	11.518	11.518	0	%100
51	M48	X	7.004	7.004	0	%100
52	M48	Z	12.132	12.132	0	%100
53	M50A	X	8.705	8.705	0	%100
54	M50A	Z	15.078	15.078	0	%100
55	M51C	X	6.65	6.65	0	%100
56	M51C	Z	11.518	11.518	0	%100
57	M53	X	7.004	7.004	0	%100
58	M53	Z	12.132	12.132	0	%100
59	M58A	X	1.289	1.289	0	%100
60	M58A	Z	2.233	2.233	0	%100
61	M59A	X	3.273	3.273	0	%100
62	M59A	Z	5.67	5.67	0	%100
63	M60	X	3.273	3.273	0	%100
64	M60	Z	5.67	5.67	0	%100
65	M61	X	6.529	6.529	0	%100
66	M61	Z	11.309	11.309	0	%100
67	M64	X	3.625	3.625	0	%100
68	M64	Z	6.279	6.279	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	2.176	2.176	0	%100
72	M69	Z	3.77	3.77	0	%100
73	M70	X	6.65	6.65	0	%100
74	M70	Z	11.518	11.518	0	%100
75	M72	X	7.004	7.004	0	%100
76	M72	Z	12.132	12.132	0	%100
77	M74	X	2.176	2.176	0	%100
78	M74	Z	3.77	3.77	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	3.446	3.446	0	%100
86	MP3C	Z	5.968	5.968	0	%100
87	MP4C	X	3.446	3.446	0	%100
88	MP4C	Z	5.968	5.968	0	%100
89	MP2C	X	3.446	3.446	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[ft,%]	End Location[ft,%]
90	MP2C	Z	5.968	5.968	0	%100
91	MP1C	X	3.446	3.446	0	%100
92	MP1C	Z	5.968	5.968	0	%100
93	M91A	X	3.809	3.809	0	%100
94	M91A	Z	6.597	6.597	0	%100
95	MP3B	X	3.446	3.446	0	%100
96	MP3B	Z	5.968	5.968	0	%100
97	MP4B	X	3.446	3.446	0	%100
98	MP4B	Z	5.968	5.968	0	%100
99	MP2B	X	3.446	3.446	0	%100
100	MP2B	Z	5.968	5.968	0	%100
101	MP1B	X	3.446	3.446	0	%100
102	MP1B	Z	5.968	5.968	0	%100
103	M100	X	3.128	3.128	0	%100
104	M100	Z	5.419	5.419	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	3.128	3.128	0	%100
108	M110	Z	5.419	5.419	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	3.812	3.812	0	%100
112	M122	Z	6.603	6.603	0	%100
113	M123	X	3.812	3.812	0	%100
114	M123	Z	6.603	6.603	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[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	10.156	10.156	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	8.729	8.729	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	6.892	6.892	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	6.892	6.892	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	6.892	6.892	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	6.892	6.892	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	8.729	8.729	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	17.411	17.411	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	2.417	2.417	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	2.417	2.417	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	4.433	4.433	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	4.669	4.669	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[ft,%]	End Location[ft,%]
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	4.433	4.433	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	4.669	4.669	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	7.737	7.737	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	2.182	2.182	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	2.182	2.182	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	4.353	4.353	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	2.417	2.417	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	9.668	9.668	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	13.058	13.058	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	4.433	4.433	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	4.669	4.669	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	13.058	13.058	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	17.733	17.733	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	18.678	18.678	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	7.737	7.737	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	2.182	2.182	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	2.182	2.182	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	4.353	4.353	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	9.668	9.668	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	2.417	2.417	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	13.058	13.058	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	17.733	17.733	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	18.678	18.678	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	13.058	13.058	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	4.433	4.433	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	4.669	4.669	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	2.539	2.539	0	%100
85	MP3C	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[ft,%]	End Location[ft,%]
86	MP3C	Z	6.892	6.892	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	6.892	6.892	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	6.892	6.892	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	6.892	6.892	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	2.539	2.539	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	6.892	6.892	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	6.892	6.892	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	6.892	6.892	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	6.892	6.892	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	8.343	8.343	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	2.086	2.086	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	2.086	2.086	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	2.541	2.541	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	2.541	2.541	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	10.166	10.166	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[ft,%]	End Location[ft,%]
1	M1	X	-3.809	-3.809	0	%100
2	M1	Z	6.597	6.597	0	%100
3	M4	X	-1.289	-1.289	0	%100
4	M4	Z	2.233	2.233	0	%100
5	M10	X	-3.273	-3.273	0	%100
6	M10	Z	5.67	5.67	0	%100
7	MP3A	X	-3.446	-3.446	0	%100
8	MP3A	Z	5.968	5.968	0	%100
9	MP4A	X	-3.446	-3.446	0	%100
10	MP4A	Z	5.968	5.968	0	%100
11	MP2A	X	-3.446	-3.446	0	%100
12	MP2A	Z	5.968	5.968	0	%100
13	MP1A	X	-3.446	-3.446	0	%100
14	MP1A	Z	5.968	5.968	0	%100
15	M43	X	-3.273	-3.273	0	%100
16	M43	Z	5.67	5.67	0	%100
17	M46	X	-6.529	-6.529	0	%100
18	M46	Z	11.309	11.309	0	%100
19	M51B	X	-3.625	-3.625	0	%100
20	M51B	Z	6.279	6.279	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-2.176	-2.176	0	%100
24	M76	Z	3.77	3.77	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[ft,%]	End Location[ft,%]
25	M77	X	-6.65	-6.65	0	%100
26	M77	Z	11.518	11.518	0	%100
27	M80	X	-7.004	-7.004	0	%100
28	M80	Z	12.132	12.132	0	%100
29	M84	X	-2.176	-2.176	0	%100
30	M84	Z	3.77	3.77	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-1.289	-1.289	0	%100
36	M34	Z	2.233	2.233	0	%100
37	M35	X	-3.273	-3.273	0	%100
38	M35	Z	5.67	5.67	0	%100
39	M36	X	-3.273	-3.273	0	%100
40	M36	Z	5.67	5.67	0	%100
41	M37	X	-6.529	-6.529	0	%100
42	M37	Z	11.309	11.309	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-3.625	-3.625	0	%100
46	M41	Z	6.279	6.279	0	%100
47	M45	X	-2.176	-2.176	0	%100
48	M45	Z	3.77	3.77	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-2.176	-2.176	0	%100
54	M50A	Z	3.77	3.77	0	%100
55	M51C	X	-6.65	-6.65	0	%100
56	M51C	Z	11.518	11.518	0	%100
57	M53	X	-7.004	-7.004	0	%100
58	M53	Z	12.132	12.132	0	%100
59	M58A	X	-5.158	-5.158	0	%100
60	M58A	Z	8.934	8.934	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-3.625	-3.625	0	%100
68	M64	Z	6.279	6.279	0	%100
69	M65	X	-3.625	-3.625	0	%100
70	M65	Z	6.279	6.279	0	%100
71	M69	X	-8.705	-8.705	0	%100
72	M69	Z	15.078	15.078	0	%100
73	M70	X	-6.65	-6.65	0	%100
74	M70	Z	11.518	11.518	0	%100
75	M72	X	-7.004	-7.004	0	%100
76	M72	Z	12.132	12.132	0	%100
77	M74	X	-8.705	-8.705	0	%100
78	M74	Z	15.078	15.078	0	%100
79	M75	X	-6.65	-6.65	0	%100
80	M75	Z	11.518	11.518	0	%100
81	M77A	X	-7.004	-7.004	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[ft,%]	End Location[ft,%]
82	M77A	Z	12.132	12.132	0	%100
83	M82	X	-3.809	-3.809	0	%100
84	M82	Z	6.597	6.597	0	%100
85	MP3C	X	-3.446	-3.446	0	%100
86	MP3C	Z	5.968	5.968	0	%100
87	MP4C	X	-3.446	-3.446	0	%100
88	MP4C	Z	5.968	5.968	0	%100
89	MP2C	X	-3.446	-3.446	0	%100
90	MP2C	Z	5.968	5.968	0	%100
91	MP1C	X	-3.446	-3.446	0	%100
92	MP1C	Z	5.968	5.968	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-3.446	-3.446	0	%100
96	MP3B	Z	5.968	5.968	0	%100
97	MP4B	X	-3.446	-3.446	0	%100
98	MP4B	Z	5.968	5.968	0	%100
99	MP2B	X	-3.446	-3.446	0	%100
100	MP2B	Z	5.968	5.968	0	%100
101	MP1B	X	-3.446	-3.446	0	%100
102	MP1B	Z	5.968	5.968	0	%100
103	M100	X	-3.128	-3.128	0	%100
104	M100	Z	5.419	5.419	0	%100
105	M105	X	-3.128	-3.128	0	%100
106	M105	Z	5.419	5.419	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-3.812	-3.812	0	%100
110	M121	Z	6.603	6.603	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-3.812	-3.812	0	%100
114	M123	Z	6.603	6.603	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[ft,%]	End Location[ft,%]
1	M1	X	-2.199	-2.199	0	%100
2	M1	Z	1.27	1.27	0	%100
3	M4	X	-6.7	-6.7	0	%100
4	M4	Z	3.868	3.868	0	%100
5	M10	X	-1.89	-1.89	0	%100
6	M10	Z	1.091	1.091	0	%100
7	MP3A	X	-5.968	-5.968	0	%100
8	MP3A	Z	3.446	3.446	0	%100
9	MP4A	X	-5.968	-5.968	0	%100
10	MP4A	Z	3.446	3.446	0	%100
11	MP2A	X	-5.968	-5.968	0	%100
12	MP2A	Z	3.446	3.446	0	%100
13	MP1A	X	-5.968	-5.968	0	%100
14	MP1A	Z	3.446	3.446	0	%100
15	M43	X	-1.89	-1.89	0	%100
16	M43	Z	1.091	1.091	0	%100
17	M46	X	-3.77	-3.77	0	%100
18	M46	Z	2.176	2.176	0	%100
19	M51B	X	-8.373	-8.373	0	%100
20	M51B	Z	4.834	4.834	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[ft,%]	End Location[ft,%]
21	M52B	X	-2.093	-2.093	0	%100
22	M52B	Z	1.208	1.208	0	%100
23	M76	X	-11.309	-11.309	0	%100
24	M76	Z	6.529	6.529	0	%100
25	M77	X	-15.357	-15.357	0	%100
26	M77	Z	8.867	8.867	0	%100
27	M80	X	-16.176	-16.176	0	%100
28	M80	Z	9.339	9.339	0	%100
29	M84	X	-11.309	-11.309	0	%100
30	M84	Z	6.529	6.529	0	%100
31	M85	X	-3.839	-3.839	0	%100
32	M85	Z	2.217	2.217	0	%100
33	M91	X	-4.044	-4.044	0	%100
34	M91	Z	2.335	2.335	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-7.559	-7.559	0	%100
38	M35	Z	4.364	4.364	0	%100
39	M36	X	-7.559	-7.559	0	%100
40	M36	Z	4.364	4.364	0	%100
41	M37	X	-15.078	-15.078	0	%100
42	M37	Z	8.705	8.705	0	%100
43	M40	X	-2.093	-2.093	0	%100
44	M40	Z	1.208	1.208	0	%100
45	M41	X	-2.093	-2.093	0	%100
46	M41	Z	1.208	1.208	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-3.839	-3.839	0	%100
50	M46A	Z	2.217	2.217	0	%100
51	M48	X	-4.044	-4.044	0	%100
52	M48	Z	2.335	2.335	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-3.839	-3.839	0	%100
56	M51C	Z	2.217	2.217	0	%100
57	M53	X	-4.044	-4.044	0	%100
58	M53	Z	2.335	2.335	0	%100
59	M58A	X	-6.7	-6.7	0	%100
60	M58A	Z	3.868	3.868	0	%100
61	M59A	X	-1.89	-1.89	0	%100
62	M59A	Z	1.091	1.091	0	%100
63	M60	X	-1.89	-1.89	0	%100
64	M60	Z	1.091	1.091	0	%100
65	M61	X	-3.77	-3.77	0	%100
66	M61	Z	2.176	2.176	0	%100
67	M64	X	-2.093	-2.093	0	%100
68	M64	Z	1.208	1.208	0	%100
69	M65	X	-8.373	-8.373	0	%100
70	M65	Z	4.834	4.834	0	%100
71	M69	X	-11.309	-11.309	0	%100
72	M69	Z	6.529	6.529	0	%100
73	M70	X	-3.839	-3.839	0	%100
74	M70	Z	2.217	2.217	0	%100
75	M72	X	-4.044	-4.044	0	%100
76	M72	Z	2.335	2.335	0	%100
77	M74	X	-11.309	-11.309	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[ft,%]	End Location[ft,%]
78	M74	Z	6.529	6.529	0	%100
79	M75	X	-15.357	-15.357	0	%100
80	M75	Z	8.867	8.867	0	%100
81	M77A	X	-16.176	-16.176	0	%100
82	M77A	Z	9.339	9.339	0	%100
83	M82	X	-8.796	-8.796	0	%100
84	M82	Z	5.078	5.078	0	%100
85	MP3C	X	-5.968	-5.968	0	%100
86	MP3C	Z	3.446	3.446	0	%100
87	MP4C	X	-5.968	-5.968	0	%100
88	MP4C	Z	3.446	3.446	0	%100
89	MP2C	X	-5.968	-5.968	0	%100
90	MP2C	Z	3.446	3.446	0	%100
91	MP1C	X	-5.968	-5.968	0	%100
92	MP1C	Z	3.446	3.446	0	%100
93	M91A	X	-2.199	-2.199	0	%100
94	M91A	Z	1.27	1.27	0	%100
95	MP3B	X	-5.968	-5.968	0	%100
96	MP3B	Z	3.446	3.446	0	%100
97	MP4B	X	-5.968	-5.968	0	%100
98	MP4B	Z	3.446	3.446	0	%100
99	MP2B	X	-5.968	-5.968	0	%100
100	MP2B	Z	3.446	3.446	0	%100
101	MP1B	X	-5.968	-5.968	0	%100
102	MP1B	Z	3.446	3.446	0	%100
103	M100	X	-1.806	-1.806	0	%100
104	M100	Z	1.043	1.043	0	%100
105	M105	X	-7.225	-7.225	0	%100
106	M105	Z	4.171	4.171	0	%100
107	M110	X	-1.806	-1.806	0	%100
108	M110	Z	1.043	1.043	0	%100
109	M121	X	-8.804	-8.804	0	%100
110	M121	Z	5.083	5.083	0	%100
111	M122	X	-2.201	-2.201	0	%100
112	M122	Z	1.271	1.271	0	%100
113	M123	X	-2.201	-2.201	0	%100
114	M123	Z	1.271	1.271	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[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-10.316	-10.316	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-6.892	-6.892	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-6.892	-6.892	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-6.892	-6.892	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-6.892	-6.892	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	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[ft,%]	End Location[ft,%]
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-7.251	-7.251	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-7.251	-7.251	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-17.411	-17.411	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-13.3	-13.3	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-14.008	-14.008	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-17.411	-17.411	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-13.3	-13.3	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-14.008	-14.008	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-2.579	-2.579	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-6.547	-6.547	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-6.547	-6.547	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-13.058	-13.058	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-7.251	-7.251	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-4.353	-4.353	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-13.3	-13.3	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-14.008	-14.008	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-4.353	-4.353	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	-2.579	-2.579	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-6.547	-6.547	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-6.547	-6.547	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-13.058	-13.058	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-7.251	-7.251	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-4.353	-4.353	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	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[ft,%]	End Location[ft,%]
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-4.353	-4.353	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-13.3	-13.3	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-14.008	-14.008	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-7.617	-7.617	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-6.892	-6.892	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-6.892	-6.892	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-6.892	-6.892	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-6.892	-6.892	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-7.617	-7.617	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-6.892	-6.892	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-6.892	-6.892	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-6.892	-6.892	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-6.892	-6.892	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	-6.257	-6.257	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-6.257	-6.257	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-7.624	-7.624	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-7.624	-7.624	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	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[ft,%]	End Location[ft,%]
1	M1	X	-2.199	-2.199	0	%100
2	M1	Z	-1.27	-1.27	0	%100
3	M4	X	-6.7	-6.7	0	%100
4	M4	Z	-3.868	-3.868	0	%100
5	M10	X	-1.89	-1.89	0	%100
6	M10	Z	-1.091	-1.091	0	%100
7	MP3A	X	-5.968	-5.968	0	%100
8	MP3A	Z	-3.446	-3.446	0	%100
9	MP4A	X	-5.968	-5.968	0	%100
10	MP4A	Z	-3.446	-3.446	0	%100
11	MP2A	X	-5.968	-5.968	0	%100
12	MP2A	Z	-3.446	-3.446	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[ft,%]	End Location[ft,%]
13	MP1A	X	-5.968	-5.968	0	%100
14	MP1A	Z	-3.446	-3.446	0	%100
15	M43	X	-1.89	-1.89	0	%100
16	M43	Z	-1.091	-1.091	0	%100
17	M46	X	-3.77	-3.77	0	%100
18	M46	Z	-2.176	-2.176	0	%100
19	M51B	X	-2.093	-2.093	0	%100
20	M51B	Z	-1.208	-1.208	0	%100
21	M52B	X	-8.373	-8.373	0	%100
22	M52B	Z	-4.834	-4.834	0	%100
23	M76	X	-11.309	-11.309	0	%100
24	M76	Z	-6.529	-6.529	0	%100
25	M77	X	-3.839	-3.839	0	%100
26	M77	Z	-2.217	-2.217	0	%100
27	M80	X	-4.044	-4.044	0	%100
28	M80	Z	-2.335	-2.335	0	%100
29	M84	X	-11.309	-11.309	0	%100
30	M84	Z	-6.529	-6.529	0	%100
31	M85	X	-15.357	-15.357	0	%100
32	M85	Z	-8.867	-8.867	0	%100
33	M91	X	-16.176	-16.176	0	%100
34	M91	Z	-9.339	-9.339	0	%100
35	M34	X	-6.7	-6.7	0	%100
36	M34	Z	-3.868	-3.868	0	%100
37	M35	X	-1.89	-1.89	0	%100
38	M35	Z	-1.091	-1.091	0	%100
39	M36	X	-1.89	-1.89	0	%100
40	M36	Z	-1.091	-1.091	0	%100
41	M37	X	-3.77	-3.77	0	%100
42	M37	Z	-2.176	-2.176	0	%100
43	M40	X	-8.373	-8.373	0	%100
44	M40	Z	-4.834	-4.834	0	%100
45	M41	X	-2.093	-2.093	0	%100
46	M41	Z	-1.208	-1.208	0	%100
47	M45	X	-11.309	-11.309	0	%100
48	M45	Z	-6.529	-6.529	0	%100
49	M46A	X	-15.357	-15.357	0	%100
50	M46A	Z	-8.867	-8.867	0	%100
51	M48	X	-16.176	-16.176	0	%100
52	M48	Z	-9.339	-9.339	0	%100
53	M50A	X	-11.309	-11.309	0	%100
54	M50A	Z	-6.529	-6.529	0	%100
55	M51C	X	-3.839	-3.839	0	%100
56	M51C	Z	-2.217	-2.217	0	%100
57	M53	X	-4.044	-4.044	0	%100
58	M53	Z	-2.335	-2.335	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-7.559	-7.559	0	%100
62	M59A	Z	-4.364	-4.364	0	%100
63	M60	X	-7.559	-7.559	0	%100
64	M60	Z	-4.364	-4.364	0	%100
65	M61	X	-15.078	-15.078	0	%100
66	M61	Z	-8.705	-8.705	0	%100
67	M64	X	-2.093	-2.093	0	%100
68	M64	Z	-1.208	-1.208	0	%100
69	M65	X	-2.093	-2.093	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[ft,%]	End Location[ft,%]
70	M65	Z	-1.208	-1.208	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-3.839	-3.839	0	%100
74	M70	Z	-2.217	-2.217	0	%100
75	M72	X	-4.044	-4.044	0	%100
76	M72	Z	-2.335	-2.335	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-3.839	-3.839	0	%100
80	M75	Z	-2.217	-2.217	0	%100
81	M77A	X	-4.044	-4.044	0	%100
82	M77A	Z	-2.335	-2.335	0	%100
83	M82	X	-2.199	-2.199	0	%100
84	M82	Z	-1.27	-1.27	0	%100
85	MP3C	X	-5.968	-5.968	0	%100
86	MP3C	Z	-3.446	-3.446	0	%100
87	MP4C	X	-5.968	-5.968	0	%100
88	MP4C	Z	-3.446	-3.446	0	%100
89	MP2C	X	-5.968	-5.968	0	%100
90	MP2C	Z	-3.446	-3.446	0	%100
91	MP1C	X	-5.968	-5.968	0	%100
92	MP1C	Z	-3.446	-3.446	0	%100
93	M91A	X	-8.796	-8.796	0	%100
94	M91A	Z	-5.078	-5.078	0	%100
95	MP3B	X	-5.968	-5.968	0	%100
96	MP3B	Z	-3.446	-3.446	0	%100
97	MP4B	X	-5.968	-5.968	0	%100
98	MP4B	Z	-3.446	-3.446	0	%100
99	MP2B	X	-5.968	-5.968	0	%100
100	MP2B	Z	-3.446	-3.446	0	%100
101	MP1B	X	-5.968	-5.968	0	%100
102	MP1B	Z	-3.446	-3.446	0	%100
103	M100	X	-1.806	-1.806	0	%100
104	M100	Z	-1.043	-1.043	0	%100
105	M105	X	-1.806	-1.806	0	%100
106	M105	Z	-1.043	-1.043	0	%100
107	M110	X	-7.225	-7.225	0	%100
108	M110	Z	-4.171	-4.171	0	%100
109	M121	X	-2.201	-2.201	0	%100
110	M121	Z	-1.271	-1.271	0	%100
111	M122	X	-8.804	-8.804	0	%100
112	M122	Z	-5.083	-5.083	0	%100
113	M123	X	-2.201	-2.201	0	%100
114	M123	Z	-1.271	-1.271	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[ft,%]	End Location[ft,%]
1	M1	X	-3.809	-3.809	0	%100
2	M1	Z	-6.597	-6.597	0	%100
3	M4	X	-1.289	-1.289	0	%100
4	M4	Z	-2.233	-2.233	0	%100
5	M10	X	-3.273	-3.273	0	%100
6	M10	Z	-5.67	-5.67	0	%100
7	MP3A	X	-3.446	-3.446	0	%100
8	MP3A	Z	-5.968	-5.968	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[ft,%]	End Location[ft,%]
9	MP4A	X	-3.446	-3.446	0	%100
10	MP4A	Z	-5.968	-5.968	0	%100
11	MP2A	X	-3.446	-3.446	0	%100
12	MP2A	Z	-5.968	-5.968	0	%100
13	MP1A	X	-3.446	-3.446	0	%100
14	MP1A	Z	-5.968	-5.968	0	%100
15	M43	X	-3.273	-3.273	0	%100
16	M43	Z	-5.67	-5.67	0	%100
17	M46	X	-6.529	-6.529	0	%100
18	M46	Z	-11.309	-11.309	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-3.625	-3.625	0	%100
22	M52B	Z	-6.279	-6.279	0	%100
23	M76	X	-2.176	-2.176	0	%100
24	M76	Z	-3.77	-3.77	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-2.176	-2.176	0	%100
30	M84	Z	-3.77	-3.77	0	%100
31	M85	X	-6.65	-6.65	0	%100
32	M85	Z	-11.518	-11.518	0	%100
33	M91	X	-7.004	-7.004	0	%100
34	M91	Z	-12.132	-12.132	0	%100
35	M34	X	-5.158	-5.158	0	%100
36	M34	Z	-8.934	-8.934	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-3.625	-3.625	0	%100
44	M40	Z	-6.279	-6.279	0	%100
45	M41	X	-3.625	-3.625	0	%100
46	M41	Z	-6.279	-6.279	0	%100
47	M45	X	-8.705	-8.705	0	%100
48	M45	Z	-15.078	-15.078	0	%100
49	M46A	X	-6.65	-6.65	0	%100
50	M46A	Z	-11.518	-11.518	0	%100
51	M48	X	-7.004	-7.004	0	%100
52	M48	Z	-12.132	-12.132	0	%100
53	M50A	X	-8.705	-8.705	0	%100
54	M50A	Z	-15.078	-15.078	0	%100
55	M51C	X	-6.65	-6.65	0	%100
56	M51C	Z	-11.518	-11.518	0	%100
57	M53	X	-7.004	-7.004	0	%100
58	M53	Z	-12.132	-12.132	0	%100
59	M58A	X	-1.289	-1.289	0	%100
60	M58A	Z	-2.233	-2.233	0	%100
61	M59A	X	-3.273	-3.273	0	%100
62	M59A	Z	-5.67	-5.67	0	%100
63	M60	X	-3.273	-3.273	0	%100
64	M60	Z	-5.67	-5.67	0	%100
65	M61	X	-6.529	-6.529	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[ft,%]	End Location[ft,%]
66	M61	Z	-11.309	-11.309	0	%100
67	M64	X	-3.625	-3.625	0	%100
68	M64	Z	-6.279	-6.279	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-2.176	-2.176	0	%100
72	M69	Z	-3.77	-3.77	0	%100
73	M70	X	-6.65	-6.65	0	%100
74	M70	Z	-11.518	-11.518	0	%100
75	M72	X	-7.004	-7.004	0	%100
76	M72	Z	-12.132	-12.132	0	%100
77	M74	X	-2.176	-2.176	0	%100
78	M74	Z	-3.77	-3.77	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-3.446	-3.446	0	%100
86	MP3C	Z	-5.968	-5.968	0	%100
87	MP4C	X	-3.446	-3.446	0	%100
88	MP4C	Z	-5.968	-5.968	0	%100
89	MP2C	X	-3.446	-3.446	0	%100
90	MP2C	Z	-5.968	-5.968	0	%100
91	MP1C	X	-3.446	-3.446	0	%100
92	MP1C	Z	-5.968	-5.968	0	%100
93	M91A	X	-3.809	-3.809	0	%100
94	M91A	Z	-6.597	-6.597	0	%100
95	MP3B	X	-3.446	-3.446	0	%100
96	MP3B	Z	-5.968	-5.968	0	%100
97	MP4B	X	-3.446	-3.446	0	%100
98	MP4B	Z	-5.968	-5.968	0	%100
99	MP2B	X	-3.446	-3.446	0	%100
100	MP2B	Z	-5.968	-5.968	0	%100
101	MP1B	X	-3.446	-3.446	0	%100
102	MP1B	Z	-5.968	-5.968	0	%100
103	M100	X	-3.128	-3.128	0	%100
104	M100	Z	-5.419	-5.419	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-3.128	-3.128	0	%100
108	M110	Z	-5.419	-5.419	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-3.812	-3.812	0	%100
112	M122	Z	-6.603	-6.603	0	%100
113	M123	X	-3.812	-3.812	0	%100
114	M123	Z	-6.603	-6.603	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[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.043	-3.043	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	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[ft,%]	End Location[ft,%]
5	M10	X	0	0	0	%100
6	M10	Z	-2.512	-2.512	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-2.447	-2.447	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-2.447	-2.447	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-2.447	-2.447	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-2.447	-2.447	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-2.512	-2.512	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-3.939	-3.939	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.724	-.724	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.724	-.724	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-.983	-.983	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.026	-1.026	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-.983	-.983	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.026	-1.026	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-2.304	-2.304	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.628	-.628	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.628	-.628	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-.985	-.985	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.724	-.724	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-2.894	-2.894	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-2.905	-2.905	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-.983	-.983	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-1.026	-1.026	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-2.905	-2.905	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-3.932	-3.932	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-4.104	-4.104	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-2.304	-2.304	0	%100
61	M59A	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[ft,%]	End Location[ft,%]
62	M59A	Z	-.628	-.628	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.628	-.628	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-.985	-.985	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-2.894	-2.894	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.724	-.724	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-2.905	-2.905	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-3.932	-3.932	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-4.104	-4.104	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-2.905	-2.905	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-.983	-.983	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-1.026	-1.026	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.761	-.761	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-2.447	-2.447	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-2.447	-2.447	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-2.447	-2.447	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-2.447	-2.447	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-.761	-.761	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-2.447	-2.447	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-2.447	-2.447	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-2.447	-2.447	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-2.447	-2.447	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-2.712	-2.712	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	-.678	-.678	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	-.678	-.678	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.676	-.676	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-.676	-.676	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-2.702	-2.702	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[ft,%]	End Location[ft,%]

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.141	1.141	0	%100
2	M1	Z	-1.977	-1.977	0	%100
3	M4	X	.384	.384	0	%100
4	M4	Z	-.665	-.665	0	%100
5	M10	X	.942	.942	0	%100
6	M10	Z	-1.632	-1.632	0	%100
7	MP3A	X	1.224	1.224	0	%100
8	MP3A	Z	-2.119	-2.119	0	%100
9	MP4A	X	1.224	1.224	0	%100
10	MP4A	Z	-2.119	-2.119	0	%100
11	MP2A	X	1.224	1.224	0	%100
12	MP2A	Z	-2.119	-2.119	0	%100
13	MP1A	X	1.224	1.224	0	%100
14	MP1A	Z	-2.119	-2.119	0	%100
15	M43	X	.942	.942	0	%100
16	M43	Z	-1.632	-1.632	0	%100
17	M46	X	1.477	1.477	0	%100
18	M46	Z	-2.559	-2.559	0	%100
19	M51B	X	1.085	1.085	0	%100
20	M51B	Z	-1.88	-1.88	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.484	.484	0	%100
24	M76	Z	-.839	-.839	0	%100
25	M77	X	1.474	1.474	0	%100
26	M77	Z	-2.554	-2.554	0	%100
27	M80	X	1.539	1.539	0	%100
28	M80	Z	-2.666	-2.666	0	%100
29	M84	X	.484	.484	0	%100
30	M84	Z	-.839	-.839	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.384	.384	0	%100
36	M34	Z	-.665	-.665	0	%100
37	M35	X	.942	.942	0	%100
38	M35	Z	-1.632	-1.632	0	%100
39	M36	X	.942	.942	0	%100
40	M36	Z	-1.632	-1.632	0	%100
41	M37	X	1.477	1.477	0	%100
42	M37	Z	-2.559	-2.559	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	1.085	1.085	0	%100
46	M41	Z	-1.88	-1.88	0	%100
47	M45	X	.484	.484	0	%100
48	M45	Z	-.839	-.839	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.484	.484	0	%100
54	M50A	Z	-.839	-.839	0	%100
55	M51C	X	1.474	1.474	0	%100
56	M51C	Z	-2.554	-2.554	0	%100
57	M53	X	1.539	1.539	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[ft,%]	End Location[ft,%]
58	M53	Z	-2.666	-2.666	0	%100
59	M58A	X	1.536	1.536	0	%100
60	M58A	Z	-2.661	-2.661	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	1.085	1.085	0	%100
68	M64	Z	-1.88	-1.88	0	%100
69	M65	X	1.085	1.085	0	%100
70	M65	Z	-1.88	-1.88	0	%100
71	M69	X	1.937	1.937	0	%100
72	M69	Z	-3.354	-3.354	0	%100
73	M70	X	1.474	1.474	0	%100
74	M70	Z	-2.554	-2.554	0	%100
75	M72	X	1.539	1.539	0	%100
76	M72	Z	-2.666	-2.666	0	%100
77	M74	X	1.937	1.937	0	%100
78	M74	Z	-3.354	-3.354	0	%100
79	M75	X	1.474	1.474	0	%100
80	M75	Z	-2.554	-2.554	0	%100
81	M77A	X	1.539	1.539	0	%100
82	M77A	Z	-2.666	-2.666	0	%100
83	M82	X	1.141	1.141	0	%100
84	M82	Z	-1.977	-1.977	0	%100
85	MP3C	X	1.224	1.224	0	%100
86	MP3C	Z	-2.119	-2.119	0	%100
87	MP4C	X	1.224	1.224	0	%100
88	MP4C	Z	-2.119	-2.119	0	%100
89	MP2C	X	1.224	1.224	0	%100
90	MP2C	Z	-2.119	-2.119	0	%100
91	MP1C	X	1.224	1.224	0	%100
92	MP1C	Z	-2.119	-2.119	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	1.224	1.224	0	%100
96	MP3B	Z	-2.119	-2.119	0	%100
97	MP4B	X	1.224	1.224	0	%100
98	MP4B	Z	-2.119	-2.119	0	%100
99	MP2B	X	1.224	1.224	0	%100
100	MP2B	Z	-2.119	-2.119	0	%100
101	MP1B	X	1.224	1.224	0	%100
102	MP1B	Z	-2.119	-2.119	0	%100
103	M100	X	1.017	1.017	0	%100
104	M100	Z	-1.762	-1.762	0	%100
105	M105	X	1.017	1.017	0	%100
106	M105	Z	-1.762	-1.762	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	1.013	1.013	0	%100
110	M121	Z	-1.755	-1.755	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	1.013	1.013	0	%100
114	M123	Z	-1.755	-1.755	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[ft,%]	End Location[ft,%]
1	M1	X	.659	.659	0	%100
2	M1	Z	-.38	-.38	0	%100
3	M4	X	1.996	1.996	0	%100
4	M4	Z	-1.152	-1.152	0	%100
5	M10	X	.544	.544	0	%100
6	M10	Z	-.314	-.314	0	%100
7	MP3A	X	2.119	2.119	0	%100
8	MP3A	Z	-1.224	-1.224	0	%100
9	MP4A	X	2.119	2.119	0	%100
10	MP4A	Z	-1.224	-1.224	0	%100
11	MP2A	X	2.119	2.119	0	%100
12	MP2A	Z	-1.224	-1.224	0	%100
13	MP1A	X	2.119	2.119	0	%100
14	MP1A	Z	-1.224	-1.224	0	%100
15	M43	X	.544	.544	0	%100
16	M43	Z	-.314	-.314	0	%100
17	M46	X	.853	.853	0	%100
18	M46	Z	-.492	-.492	0	%100
19	M51B	X	2.506	2.506	0	%100
20	M51B	Z	-1.447	-1.447	0	%100
21	M52B	X	.627	.627	0	%100
22	M52B	Z	-.362	-.362	0	%100
23	M76	X	2.516	2.516	0	%100
24	M76	Z	-1.452	-1.452	0	%100
25	M77	X	3.405	3.405	0	%100
26	M77	Z	-1.966	-1.966	0	%100
27	M80	X	3.555	3.555	0	%100
28	M80	Z	-2.052	-2.052	0	%100
29	M84	X	2.516	2.516	0	%100
30	M84	Z	-1.452	-1.452	0	%100
31	M85	X	.851	.851	0	%100
32	M85	Z	-.491	-.491	0	%100
33	M91	X	.889	.889	0	%100
34	M91	Z	-.513	-.513	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.176	2.176	0	%100
38	M35	Z	-1.256	-1.256	0	%100
39	M36	X	2.176	2.176	0	%100
40	M36	Z	-1.256	-1.256	0	%100
41	M37	X	3.412	3.412	0	%100
42	M37	Z	-1.97	-1.97	0	%100
43	M40	X	.627	.627	0	%100
44	M40	Z	-.362	-.362	0	%100
45	M41	X	.627	.627	0	%100
46	M41	Z	-.362	-.362	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.851	.851	0	%100
50	M46A	Z	-.491	-.491	0	%100
51	M48	X	.889	.889	0	%100
52	M48	Z	-.513	-.513	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	.851	.851	0	%100
56	M51C	Z	-.491	-.491	0	%100
57	M53	X	.889	.889	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[ft,%]	End Location[ft,%]
58	M53	Z	-.513	-.513	0	%100
59	M58A	X	1.996	1.996	0	%100
60	M58A	Z	-1.152	-1.152	0	%100
61	M59A	X	.544	.544	0	%100
62	M59A	Z	-.314	-.314	0	%100
63	M60	X	.544	.544	0	%100
64	M60	Z	-.314	-.314	0	%100
65	M61	X	.853	.853	0	%100
66	M61	Z	-.492	-.492	0	%100
67	M64	X	.627	.627	0	%100
68	M64	Z	-.362	-.362	0	%100
69	M65	X	2.506	2.506	0	%100
70	M65	Z	-1.447	-1.447	0	%100
71	M69	X	2.516	2.516	0	%100
72	M69	Z	-1.452	-1.452	0	%100
73	M70	X	.851	.851	0	%100
74	M70	Z	-.491	-.491	0	%100
75	M72	X	.889	.889	0	%100
76	M72	Z	-.513	-.513	0	%100
77	M74	X	2.516	2.516	0	%100
78	M74	Z	-1.452	-1.452	0	%100
79	M75	X	3.405	3.405	0	%100
80	M75	Z	-1.966	-1.966	0	%100
81	M77A	X	3.555	3.555	0	%100
82	M77A	Z	-2.052	-2.052	0	%100
83	M82	X	2.636	2.636	0	%100
84	M82	Z	-1.522	-1.522	0	%100
85	MP3C	X	2.119	2.119	0	%100
86	MP3C	Z	-1.224	-1.224	0	%100
87	MP4C	X	2.119	2.119	0	%100
88	MP4C	Z	-1.224	-1.224	0	%100
89	MP2C	X	2.119	2.119	0	%100
90	MP2C	Z	-1.224	-1.224	0	%100
91	MP1C	X	2.119	2.119	0	%100
92	MP1C	Z	-1.224	-1.224	0	%100
93	M91A	X	.659	.659	0	%100
94	M91A	Z	-.38	-.38	0	%100
95	MP3B	X	2.119	2.119	0	%100
96	MP3B	Z	-1.224	-1.224	0	%100
97	MP4B	X	2.119	2.119	0	%100
98	MP4B	Z	-1.224	-1.224	0	%100
99	MP2B	X	2.119	2.119	0	%100
100	MP2B	Z	-1.224	-1.224	0	%100
101	MP1B	X	2.119	2.119	0	%100
102	MP1B	Z	-1.224	-1.224	0	%100
103	M100	X	.587	.587	0	%100
104	M100	Z	-.339	-.339	0	%100
105	M105	X	2.349	2.349	0	%100
106	M105	Z	-1.356	-1.356	0	%100
107	M110	X	.587	.587	0	%100
108	M110	Z	-.339	-.339	0	%100
109	M121	X	2.34	2.34	0	%100
110	M121	Z	-1.351	-1.351	0	%100
111	M122	X	.585	.585	0	%100
112	M122	Z	-.338	-.338	0	%100
113	M123	X	.585	.585	0	%100
114	M123	Z	-.338	-.338	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[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.073	3.073	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	2.447	2.447	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	2.447	2.447	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	2.447	2.447	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	2.447	2.447	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	2.171	2.171	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	2.171	2.171	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	3.873	3.873	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	2.949	2.949	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	3.078	3.078	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	3.873	3.873	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	2.949	2.949	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	3.078	3.078	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.768	.768	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	1.884	1.884	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	1.884	1.884	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	2.955	2.955	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	2.171	2.171	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	.968	.968	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	2.949	2.949	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	3.078	3.078	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.968	.968	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	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[ft,%]	End Location[ft,%]
58	M53	Z	0	0	0	%100
59	M58A	X	.768	.768	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	1.884	1.884	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	1.884	1.884	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	2.955	2.955	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	2.171	2.171	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.968	.968	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	.968	.968	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	2.949	2.949	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	3.078	3.078	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	2.283	2.283	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	2.447	2.447	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	2.447	2.447	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	2.447	2.447	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	2.447	2.447	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	2.283	2.283	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	2.447	2.447	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	2.447	2.447	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	2.447	2.447	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	2.447	2.447	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	2.034	2.034	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	2.034	2.034	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	2.027	2.027	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	2.027	2.027	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	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[ft,%]	End Location[ft,%]
1	M1	X	.659	.659	0	%100
2	M1	Z	.38	.38	0	%100
3	M4	X	1.996	1.996	0	%100
4	M4	Z	1.152	1.152	0	%100
5	M10	X	.544	.544	0	%100
6	M10	Z	.314	.314	0	%100
7	MP3A	X	2.119	2.119	0	%100
8	MP3A	Z	1.224	1.224	0	%100
9	MP4A	X	2.119	2.119	0	%100
10	MP4A	Z	1.224	1.224	0	%100
11	MP2A	X	2.119	2.119	0	%100
12	MP2A	Z	1.224	1.224	0	%100
13	MP1A	X	2.119	2.119	0	%100
14	MP1A	Z	1.224	1.224	0	%100
15	M43	X	.544	.544	0	%100
16	M43	Z	.314	.314	0	%100
17	M46	X	.853	.853	0	%100
18	M46	Z	.492	.492	0	%100
19	M51B	X	.627	.627	0	%100
20	M51B	Z	.362	.362	0	%100
21	M52B	X	2.506	2.506	0	%100
22	M52B	Z	1.447	1.447	0	%100
23	M76	X	2.516	2.516	0	%100
24	M76	Z	1.452	1.452	0	%100
25	M77	X	.851	.851	0	%100
26	M77	Z	.491	.491	0	%100
27	M80	X	.889	.889	0	%100
28	M80	Z	.513	.513	0	%100
29	M84	X	2.516	2.516	0	%100
30	M84	Z	1.452	1.452	0	%100
31	M85	X	3.405	3.405	0	%100
32	M85	Z	1.966	1.966	0	%100
33	M91	X	3.555	3.555	0	%100
34	M91	Z	2.052	2.052	0	%100
35	M34	X	1.996	1.996	0	%100
36	M34	Z	1.152	1.152	0	%100
37	M35	X	.544	.544	0	%100
38	M35	Z	.314	.314	0	%100
39	M36	X	.544	.544	0	%100
40	M36	Z	.314	.314	0	%100
41	M37	X	.853	.853	0	%100
42	M37	Z	.492	.492	0	%100
43	M40	X	2.506	2.506	0	%100
44	M40	Z	1.447	1.447	0	%100
45	M41	X	.627	.627	0	%100
46	M41	Z	.362	.362	0	%100
47	M45	X	2.516	2.516	0	%100
48	M45	Z	1.452	1.452	0	%100
49	M46A	X	3.405	3.405	0	%100
50	M46A	Z	1.966	1.966	0	%100
51	M48	X	3.555	3.555	0	%100
52	M48	Z	2.052	2.052	0	%100
53	M50A	X	2.516	2.516	0	%100
54	M50A	Z	1.452	1.452	0	%100
55	M51C	X	.851	.851	0	%100
56	M51C	Z	.491	.491	0	%100
57	M53	X	.889	.889	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[ft,%]	End Location[ft,%]
58	M53	Z	.513	.513	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	2.176	2.176	0	%100
62	M59A	Z	1.256	1.256	0	%100
63	M60	X	2.176	2.176	0	%100
64	M60	Z	1.256	1.256	0	%100
65	M61	X	3.412	3.412	0	%100
66	M61	Z	1.97	1.97	0	%100
67	M64	X	.627	.627	0	%100
68	M64	Z	.362	.362	0	%100
69	M65	X	.627	.627	0	%100
70	M65	Z	.362	.362	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	.851	.851	0	%100
74	M70	Z	.491	.491	0	%100
75	M72	X	.889	.889	0	%100
76	M72	Z	.513	.513	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	.851	.851	0	%100
80	M75	Z	.491	.491	0	%100
81	M77A	X	.889	.889	0	%100
82	M77A	Z	.513	.513	0	%100
83	M82	X	.659	.659	0	%100
84	M82	Z	.38	.38	0	%100
85	MP3C	X	2.119	2.119	0	%100
86	MP3C	Z	1.224	1.224	0	%100
87	MP4C	X	2.119	2.119	0	%100
88	MP4C	Z	1.224	1.224	0	%100
89	MP2C	X	2.119	2.119	0	%100
90	MP2C	Z	1.224	1.224	0	%100
91	MP1C	X	2.119	2.119	0	%100
92	MP1C	Z	1.224	1.224	0	%100
93	M91A	X	2.636	2.636	0	%100
94	M91A	Z	1.522	1.522	0	%100
95	MP3B	X	2.119	2.119	0	%100
96	MP3B	Z	1.224	1.224	0	%100
97	MP4B	X	2.119	2.119	0	%100
98	MP4B	Z	1.224	1.224	0	%100
99	MP2B	X	2.119	2.119	0	%100
100	MP2B	Z	1.224	1.224	0	%100
101	MP1B	X	2.119	2.119	0	%100
102	MP1B	Z	1.224	1.224	0	%100
103	M100	X	.587	.587	0	%100
104	M100	Z	.339	.339	0	%100
105	M105	X	.587	.587	0	%100
106	M105	Z	.339	.339	0	%100
107	M110	X	2.349	2.349	0	%100
108	M110	Z	1.356	1.356	0	%100
109	M121	X	.585	.585	0	%100
110	M121	Z	.338	.338	0	%100
111	M122	X	2.34	2.34	0	%100
112	M122	Z	1.351	1.351	0	%100
113	M123	X	.585	.585	0	%100
114	M123	Z	.338	.338	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[ft,%]	End Location[ft,%]
1	M1	X	1.141	1.141	0	%100
2	M1	Z	1.977	1.977	0	%100
3	M4	X	.384	.384	0	%100
4	M4	Z	.665	.665	0	%100
5	M10	X	.942	.942	0	%100
6	M10	Z	1.632	1.632	0	%100
7	MP3A	X	1.224	1.224	0	%100
8	MP3A	Z	2.119	2.119	0	%100
9	MP4A	X	1.224	1.224	0	%100
10	MP4A	Z	2.119	2.119	0	%100
11	MP2A	X	1.224	1.224	0	%100
12	MP2A	Z	2.119	2.119	0	%100
13	MP1A	X	1.224	1.224	0	%100
14	MP1A	Z	2.119	2.119	0	%100
15	M43	X	.942	.942	0	%100
16	M43	Z	1.632	1.632	0	%100
17	M46	X	1.477	1.477	0	%100
18	M46	Z	2.559	2.559	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.085	1.085	0	%100
22	M52B	Z	1.88	1.88	0	%100
23	M76	X	.484	.484	0	%100
24	M76	Z	.839	.839	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.484	.484	0	%100
30	M84	Z	.839	.839	0	%100
31	M85	X	1.474	1.474	0	%100
32	M85	Z	2.554	2.554	0	%100
33	M91	X	1.539	1.539	0	%100
34	M91	Z	2.666	2.666	0	%100
35	M34	X	1.536	1.536	0	%100
36	M34	Z	2.661	2.661	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	1.085	1.085	0	%100
44	M40	Z	1.88	1.88	0	%100
45	M41	X	1.085	1.085	0	%100
46	M41	Z	1.88	1.88	0	%100
47	M45	X	1.937	1.937	0	%100
48	M45	Z	3.354	3.354	0	%100
49	M46A	X	1.474	1.474	0	%100
50	M46A	Z	2.554	2.554	0	%100
51	M48	X	1.539	1.539	0	%100
52	M48	Z	2.666	2.666	0	%100
53	M50A	X	1.937	1.937	0	%100
54	M50A	Z	3.354	3.354	0	%100
55	M51C	X	1.474	1.474	0	%100
56	M51C	Z	2.554	2.554	0	%100
57	M53	X	1.539	1.539	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[ft,%]	End Location[ft,%]
58	M53	Z	2.666	2.666	0	%100
59	M58A	X	.384	.384	0	%100
60	M58A	Z	.665	.665	0	%100
61	M59A	X	.942	.942	0	%100
62	M59A	Z	1.632	1.632	0	%100
63	M60	X	.942	.942	0	%100
64	M60	Z	1.632	1.632	0	%100
65	M61	X	1.477	1.477	0	%100
66	M61	Z	2.559	2.559	0	%100
67	M64	X	1.085	1.085	0	%100
68	M64	Z	1.88	1.88	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.484	.484	0	%100
72	M69	Z	.839	.839	0	%100
73	M70	X	1.474	1.474	0	%100
74	M70	Z	2.554	2.554	0	%100
75	M72	X	1.539	1.539	0	%100
76	M72	Z	2.666	2.666	0	%100
77	M74	X	.484	.484	0	%100
78	M74	Z	.839	.839	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	1.224	1.224	0	%100
86	MP3C	Z	2.119	2.119	0	%100
87	MP4C	X	1.224	1.224	0	%100
88	MP4C	Z	2.119	2.119	0	%100
89	MP2C	X	1.224	1.224	0	%100
90	MP2C	Z	2.119	2.119	0	%100
91	MP1C	X	1.224	1.224	0	%100
92	MP1C	Z	2.119	2.119	0	%100
93	M91A	X	1.141	1.141	0	%100
94	M91A	Z	1.977	1.977	0	%100
95	MP3B	X	1.224	1.224	0	%100
96	MP3B	Z	2.119	2.119	0	%100
97	MP4B	X	1.224	1.224	0	%100
98	MP4B	Z	2.119	2.119	0	%100
99	MP2B	X	1.224	1.224	0	%100
100	MP2B	Z	2.119	2.119	0	%100
101	MP1B	X	1.224	1.224	0	%100
102	MP1B	Z	2.119	2.119	0	%100
103	M100	X	1.017	1.017	0	%100
104	M100	Z	1.762	1.762	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	1.017	1.017	0	%100
108	M110	Z	1.762	1.762	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	1.013	1.013	0	%100
112	M122	Z	1.755	1.755	0	%100
113	M123	X	1.013	1.013	0	%100
114	M123	Z	1.755	1.755	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[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.043	3.043	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	2.512	2.512	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	2.447	2.447	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	2.447	2.447	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	2.447	2.447	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	2.447	2.447	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	2.512	2.512	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	3.939	3.939	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.724	.724	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.724	.724	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.983	.983	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.026	1.026	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.983	.983	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.026	1.026	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	2.304	2.304	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.628	.628	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.628	.628	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	.985	.985	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.724	.724	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	2.894	2.894	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	2.905	2.905	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	.983	.983	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	1.026	1.026	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	2.905	2.905	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	3.932	3.932	0	%100
57	M53	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[ft,%]	End Location[ft,%]
58	M53	Z	4.104	4.104	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	2.304	2.304	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.628	.628	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.628	.628	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	.985	.985	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	2.894	2.894	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.724	.724	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	2.905	2.905	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	3.932	3.932	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	4.104	4.104	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	2.905	2.905	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	.983	.983	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	1.026	1.026	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.761	.761	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	2.447	2.447	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	2.447	2.447	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	2.447	2.447	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	2.447	2.447	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	.761	.761	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	2.447	2.447	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	2.447	2.447	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	2.447	2.447	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	2.447	2.447	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	2.712	2.712	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	.678	.678	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	.678	.678	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.676	.676	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	.676	.676	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	2.702	2.702	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[ft,%]	End Location[ft,%]
1	M1	X	-1.141	-1.141	0	%100
2	M1	Z	1.977	1.977	0	%100
3	M4	X	-.384	-.384	0	%100
4	M4	Z	.665	.665	0	%100
5	M10	X	-.942	-.942	0	%100
6	M10	Z	1.632	1.632	0	%100
7	MP3A	X	-1.224	-1.224	0	%100
8	MP3A	Z	2.119	2.119	0	%100
9	MP4A	X	-1.224	-1.224	0	%100
10	MP4A	Z	2.119	2.119	0	%100
11	MP2A	X	-1.224	-1.224	0	%100
12	MP2A	Z	2.119	2.119	0	%100
13	MP1A	X	-1.224	-1.224	0	%100
14	MP1A	Z	2.119	2.119	0	%100
15	M43	X	-.942	-.942	0	%100
16	M43	Z	1.632	1.632	0	%100
17	M46	X	-1.477	-1.477	0	%100
18	M46	Z	2.559	2.559	0	%100
19	M51B	X	-1.085	-1.085	0	%100
20	M51B	Z	1.88	1.88	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.484	-.484	0	%100
24	M76	Z	.839	.839	0	%100
25	M77	X	-1.474	-1.474	0	%100
26	M77	Z	2.554	2.554	0	%100
27	M80	X	-1.539	-1.539	0	%100
28	M80	Z	2.666	2.666	0	%100
29	M84	X	-.484	-.484	0	%100
30	M84	Z	.839	.839	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.384	-.384	0	%100
36	M34	Z	.665	.665	0	%100
37	M35	X	-.942	-.942	0	%100
38	M35	Z	1.632	1.632	0	%100
39	M36	X	-.942	-.942	0	%100
40	M36	Z	1.632	1.632	0	%100
41	M37	X	-1.477	-1.477	0	%100
42	M37	Z	2.559	2.559	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-1.085	-1.085	0	%100
46	M41	Z	1.88	1.88	0	%100
47	M45	X	-.484	-.484	0	%100
48	M45	Z	.839	.839	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.484	-.484	0	%100
54	M50A	Z	.839	.839	0	%100
55	M51C	X	-1.474	-1.474	0	%100
56	M51C	Z	2.554	2.554	0	%100
57	M53	X	-1.539	-1.539	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[ft,%]	End Location[ft,%]
58	M53	Z	2.666	2.666	0	%100
59	M58A	X	-1.536	-1.536	0	%100
60	M58A	Z	2.661	2.661	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-1.085	-1.085	0	%100
68	M64	Z	1.88	1.88	0	%100
69	M65	X	-1.085	-1.085	0	%100
70	M65	Z	1.88	1.88	0	%100
71	M69	X	-1.937	-1.937	0	%100
72	M69	Z	3.354	3.354	0	%100
73	M70	X	-1.474	-1.474	0	%100
74	M70	Z	2.554	2.554	0	%100
75	M72	X	-1.539	-1.539	0	%100
76	M72	Z	2.666	2.666	0	%100
77	M74	X	-1.937	-1.937	0	%100
78	M74	Z	3.354	3.354	0	%100
79	M75	X	-1.474	-1.474	0	%100
80	M75	Z	2.554	2.554	0	%100
81	M77A	X	-1.539	-1.539	0	%100
82	M77A	Z	2.666	2.666	0	%100
83	M82	X	-1.141	-1.141	0	%100
84	M82	Z	1.977	1.977	0	%100
85	MP3C	X	-1.224	-1.224	0	%100
86	MP3C	Z	2.119	2.119	0	%100
87	MP4C	X	-1.224	-1.224	0	%100
88	MP4C	Z	2.119	2.119	0	%100
89	MP2C	X	-1.224	-1.224	0	%100
90	MP2C	Z	2.119	2.119	0	%100
91	MP1C	X	-1.224	-1.224	0	%100
92	MP1C	Z	2.119	2.119	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-1.224	-1.224	0	%100
96	MP3B	Z	2.119	2.119	0	%100
97	MP4B	X	-1.224	-1.224	0	%100
98	MP4B	Z	2.119	2.119	0	%100
99	MP2B	X	-1.224	-1.224	0	%100
100	MP2B	Z	2.119	2.119	0	%100
101	MP1B	X	-1.224	-1.224	0	%100
102	MP1B	Z	2.119	2.119	0	%100
103	M100	X	-1.017	-1.017	0	%100
104	M100	Z	1.762	1.762	0	%100
105	M105	X	-1.017	-1.017	0	%100
106	M105	Z	1.762	1.762	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-1.013	-1.013	0	%100
110	M121	Z	1.755	1.755	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-1.013	-1.013	0	%100
114	M123	Z	1.755	1.755	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[ft,%]	End Location[ft,%]
1	M1	X	-.659	-.659	0	%100
2	M1	Z	.38	.38	0	%100
3	M4	X	-1.996	-1.996	0	%100
4	M4	Z	1.152	1.152	0	%100
5	M10	X	-.544	-.544	0	%100
6	M10	Z	.314	.314	0	%100
7	MP3A	X	-2.119	-2.119	0	%100
8	MP3A	Z	1.224	1.224	0	%100
9	MP4A	X	-2.119	-2.119	0	%100
10	MP4A	Z	1.224	1.224	0	%100
11	MP2A	X	-2.119	-2.119	0	%100
12	MP2A	Z	1.224	1.224	0	%100
13	MP1A	X	-2.119	-2.119	0	%100
14	MP1A	Z	1.224	1.224	0	%100
15	M43	X	-.544	-.544	0	%100
16	M43	Z	.314	.314	0	%100
17	M46	X	-.853	-.853	0	%100
18	M46	Z	.492	.492	0	%100
19	M51B	X	-2.506	-2.506	0	%100
20	M51B	Z	1.447	1.447	0	%100
21	M52B	X	-.627	-.627	0	%100
22	M52B	Z	.362	.362	0	%100
23	M76	X	-2.516	-2.516	0	%100
24	M76	Z	1.452	1.452	0	%100
25	M77	X	-3.405	-3.405	0	%100
26	M77	Z	1.966	1.966	0	%100
27	M80	X	-3.555	-3.555	0	%100
28	M80	Z	2.052	2.052	0	%100
29	M84	X	-2.516	-2.516	0	%100
30	M84	Z	1.452	1.452	0	%100
31	M85	X	-.851	-.851	0	%100
32	M85	Z	.491	.491	0	%100
33	M91	X	-.889	-.889	0	%100
34	M91	Z	.513	.513	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-2.176	-2.176	0	%100
38	M35	Z	1.256	1.256	0	%100
39	M36	X	-2.176	-2.176	0	%100
40	M36	Z	1.256	1.256	0	%100
41	M37	X	-3.412	-3.412	0	%100
42	M37	Z	1.97	1.97	0	%100
43	M40	X	-.627	-.627	0	%100
44	M40	Z	.362	.362	0	%100
45	M41	X	-.627	-.627	0	%100
46	M41	Z	.362	.362	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.851	-.851	0	%100
50	M46A	Z	.491	.491	0	%100
51	M48	X	-.889	-.889	0	%100
52	M48	Z	.513	.513	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-.851	-.851	0	%100
56	M51C	Z	.491	.491	0	%100
57	M53	X	-.889	-.889	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[ft,%]	End Location[ft,%]
58	M53	Z	.513	.513	0	%100
59	M58A	X	-1.996	-1.996	0	%100
60	M58A	Z	1.152	1.152	0	%100
61	M59A	X	-.544	-.544	0	%100
62	M59A	Z	.314	.314	0	%100
63	M60	X	-.544	-.544	0	%100
64	M60	Z	.314	.314	0	%100
65	M61	X	-.853	-.853	0	%100
66	M61	Z	.492	.492	0	%100
67	M64	X	-.627	-.627	0	%100
68	M64	Z	.362	.362	0	%100
69	M65	X	-2.506	-2.506	0	%100
70	M65	Z	1.447	1.447	0	%100
71	M69	X	-2.516	-2.516	0	%100
72	M69	Z	1.452	1.452	0	%100
73	M70	X	-.851	-.851	0	%100
74	M70	Z	.491	.491	0	%100
75	M72	X	-.889	-.889	0	%100
76	M72	Z	.513	.513	0	%100
77	M74	X	-2.516	-2.516	0	%100
78	M74	Z	1.452	1.452	0	%100
79	M75	X	-3.405	-3.405	0	%100
80	M75	Z	1.966	1.966	0	%100
81	M77A	X	-3.555	-3.555	0	%100
82	M77A	Z	2.052	2.052	0	%100
83	M82	X	-2.636	-2.636	0	%100
84	M82	Z	1.522	1.522	0	%100
85	MP3C	X	-2.119	-2.119	0	%100
86	MP3C	Z	1.224	1.224	0	%100
87	MP4C	X	-2.119	-2.119	0	%100
88	MP4C	Z	1.224	1.224	0	%100
89	MP2C	X	-2.119	-2.119	0	%100
90	MP2C	Z	1.224	1.224	0	%100
91	MP1C	X	-2.119	-2.119	0	%100
92	MP1C	Z	1.224	1.224	0	%100
93	M91A	X	-.659	-.659	0	%100
94	M91A	Z	.38	.38	0	%100
95	MP3B	X	-2.119	-2.119	0	%100
96	MP3B	Z	1.224	1.224	0	%100
97	MP4B	X	-2.119	-2.119	0	%100
98	MP4B	Z	1.224	1.224	0	%100
99	MP2B	X	-2.119	-2.119	0	%100
100	MP2B	Z	1.224	1.224	0	%100
101	MP1B	X	-2.119	-2.119	0	%100
102	MP1B	Z	1.224	1.224	0	%100
103	M100	X	-.587	-.587	0	%100
104	M100	Z	.339	.339	0	%100
105	M105	X	-2.349	-2.349	0	%100
106	M105	Z	1.356	1.356	0	%100
107	M110	X	-.587	-.587	0	%100
108	M110	Z	.339	.339	0	%100
109	M121	X	-2.34	-2.34	0	%100
110	M121	Z	1.351	1.351	0	%100
111	M122	X	-.585	-.585	0	%100
112	M122	Z	.338	.338	0	%100
113	M123	X	-.585	-.585	0	%100
114	M123	Z	.338	.338	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[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.073	-3.073	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-2.447	-2.447	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-2.447	-2.447	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-2.447	-2.447	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-2.447	-2.447	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-2.171	-2.171	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-2.171	-2.171	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-3.873	-3.873	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-2.949	-2.949	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-3.078	-3.078	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-3.873	-3.873	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-2.949	-2.949	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-3.078	-3.078	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.768	-.768	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-1.884	-1.884	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-1.884	-1.884	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-2.955	-2.955	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-2.171	-2.171	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-.968	-.968	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-2.949	-2.949	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-3.078	-3.078	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.968	-.968	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	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[ft,%]	End Location[ft,%]
58	M53	Z	0	0	0	%100
59	M58A	X	-.768	-.768	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-1.884	-1.884	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-1.884	-1.884	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-2.955	-2.955	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-2.171	-2.171	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.968	-.968	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-.968	-.968	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-2.949	-2.949	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-3.078	-3.078	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-2.283	-2.283	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-2.447	-2.447	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-2.447	-2.447	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-2.447	-2.447	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-2.447	-2.447	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-2.283	-2.283	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-2.447	-2.447	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-2.447	-2.447	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-2.447	-2.447	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-2.447	-2.447	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	-2.034	-2.034	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-2.034	-2.034	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-2.027	-2.027	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-2.027	-2.027	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	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[ft,%]	End Location[ft,%]
1	M1	X	-.659	-.659	0	%100
2	M1	Z	-.38	-.38	0	%100
3	M4	X	-1.996	-1.996	0	%100
4	M4	Z	-1.152	-1.152	0	%100
5	M10	X	-.544	-.544	0	%100
6	M10	Z	-.314	-.314	0	%100
7	MP3A	X	-2.119	-2.119	0	%100
8	MP3A	Z	-1.224	-1.224	0	%100
9	MP4A	X	-2.119	-2.119	0	%100
10	MP4A	Z	-1.224	-1.224	0	%100
11	MP2A	X	-2.119	-2.119	0	%100
12	MP2A	Z	-1.224	-1.224	0	%100
13	MP1A	X	-2.119	-2.119	0	%100
14	MP1A	Z	-1.224	-1.224	0	%100
15	M43	X	-.544	-.544	0	%100
16	M43	Z	-.314	-.314	0	%100
17	M46	X	-.853	-.853	0	%100
18	M46	Z	-.492	-.492	0	%100
19	M51B	X	-.627	-.627	0	%100
20	M51B	Z	-.362	-.362	0	%100
21	M52B	X	-2.506	-2.506	0	%100
22	M52B	Z	-1.447	-1.447	0	%100
23	M76	X	-2.516	-2.516	0	%100
24	M76	Z	-1.452	-1.452	0	%100
25	M77	X	-.851	-.851	0	%100
26	M77	Z	-.491	-.491	0	%100
27	M80	X	-.889	-.889	0	%100
28	M80	Z	-.513	-.513	0	%100
29	M84	X	-2.516	-2.516	0	%100
30	M84	Z	-1.452	-1.452	0	%100
31	M85	X	-3.405	-3.405	0	%100
32	M85	Z	-1.966	-1.966	0	%100
33	M91	X	-3.555	-3.555	0	%100
34	M91	Z	-2.052	-2.052	0	%100
35	M34	X	-1.996	-1.996	0	%100
36	M34	Z	-1.152	-1.152	0	%100
37	M35	X	-.544	-.544	0	%100
38	M35	Z	-.314	-.314	0	%100
39	M36	X	-.544	-.544	0	%100
40	M36	Z	-.314	-.314	0	%100
41	M37	X	-.853	-.853	0	%100
42	M37	Z	-.492	-.492	0	%100
43	M40	X	-2.506	-2.506	0	%100
44	M40	Z	-1.447	-1.447	0	%100
45	M41	X	-.627	-.627	0	%100
46	M41	Z	-.362	-.362	0	%100
47	M45	X	-2.516	-2.516	0	%100
48	M45	Z	-1.452	-1.452	0	%100
49	M46A	X	-3.405	-3.405	0	%100
50	M46A	Z	-1.966	-1.966	0	%100
51	M48	X	-3.555	-3.555	0	%100
52	M48	Z	-2.052	-2.052	0	%100
53	M50A	X	-2.516	-2.516	0	%100
54	M50A	Z	-1.452	-1.452	0	%100
55	M51C	X	-.851	-.851	0	%100
56	M51C	Z	-.491	-.491	0	%100
57	M53	X	-.889	-.889	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[ft,%]	End Location[ft,%]
58	M53	Z	-.513	-.513	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-2.176	-2.176	0	%100
62	M59A	Z	-1.256	-1.256	0	%100
63	M60	X	-2.176	-2.176	0	%100
64	M60	Z	-1.256	-1.256	0	%100
65	M61	X	-3.412	-3.412	0	%100
66	M61	Z	-1.97	-1.97	0	%100
67	M64	X	-.627	-.627	0	%100
68	M64	Z	-.362	-.362	0	%100
69	M65	X	-.627	-.627	0	%100
70	M65	Z	-.362	-.362	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-.851	-.851	0	%100
74	M70	Z	-.491	-.491	0	%100
75	M72	X	-.889	-.889	0	%100
76	M72	Z	-.513	-.513	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-.851	-.851	0	%100
80	M75	Z	-.491	-.491	0	%100
81	M77A	X	-.889	-.889	0	%100
82	M77A	Z	-.513	-.513	0	%100
83	M82	X	-.659	-.659	0	%100
84	M82	Z	-.38	-.38	0	%100
85	MP3C	X	-2.119	-2.119	0	%100
86	MP3C	Z	-1.224	-1.224	0	%100
87	MP4C	X	-2.119	-2.119	0	%100
88	MP4C	Z	-1.224	-1.224	0	%100
89	MP2C	X	-2.119	-2.119	0	%100
90	MP2C	Z	-1.224	-1.224	0	%100
91	MP1C	X	-2.119	-2.119	0	%100
92	MP1C	Z	-1.224	-1.224	0	%100
93	M91A	X	-2.636	-2.636	0	%100
94	M91A	Z	-1.522	-1.522	0	%100
95	MP3B	X	-2.119	-2.119	0	%100
96	MP3B	Z	-1.224	-1.224	0	%100
97	MP4B	X	-2.119	-2.119	0	%100
98	MP4B	Z	-1.224	-1.224	0	%100
99	MP2B	X	-2.119	-2.119	0	%100
100	MP2B	Z	-1.224	-1.224	0	%100
101	MP1B	X	-2.119	-2.119	0	%100
102	MP1B	Z	-1.224	-1.224	0	%100
103	M100	X	-.587	-.587	0	%100
104	M100	Z	-.339	-.339	0	%100
105	M105	X	-.587	-.587	0	%100
106	M105	Z	-.339	-.339	0	%100
107	M110	X	-2.349	-2.349	0	%100
108	M110	Z	-1.356	-1.356	0	%100
109	M121	X	-.585	-.585	0	%100
110	M121	Z	-.338	-.338	0	%100
111	M122	X	-2.34	-2.34	0	%100
112	M122	Z	-1.351	-1.351	0	%100
113	M123	X	-.585	-.585	0	%100
114	M123	Z	-.338	-.338	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[ft,%]	End Location[ft,%]
1	M1	X	-1.141	-1.141	0	%100
2	M1	Z	-1.977	-1.977	0	%100
3	M4	X	-.384	-.384	0	%100
4	M4	Z	-.665	-.665	0	%100
5	M10	X	-.942	-.942	0	%100
6	M10	Z	-1.632	-1.632	0	%100
7	MP3A	X	-1.224	-1.224	0	%100
8	MP3A	Z	-2.119	-2.119	0	%100
9	MP4A	X	-1.224	-1.224	0	%100
10	MP4A	Z	-2.119	-2.119	0	%100
11	MP2A	X	-1.224	-1.224	0	%100
12	MP2A	Z	-2.119	-2.119	0	%100
13	MP1A	X	-1.224	-1.224	0	%100
14	MP1A	Z	-2.119	-2.119	0	%100
15	M43	X	-.942	-.942	0	%100
16	M43	Z	-1.632	-1.632	0	%100
17	M46	X	-1.477	-1.477	0	%100
18	M46	Z	-2.559	-2.559	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.085	-1.085	0	%100
22	M52B	Z	-1.88	-1.88	0	%100
23	M76	X	-.484	-.484	0	%100
24	M76	Z	-.839	-.839	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.484	-.484	0	%100
30	M84	Z	-.839	-.839	0	%100
31	M85	X	-1.474	-1.474	0	%100
32	M85	Z	-2.554	-2.554	0	%100
33	M91	X	-1.539	-1.539	0	%100
34	M91	Z	-2.666	-2.666	0	%100
35	M34	X	-1.536	-1.536	0	%100
36	M34	Z	-2.661	-2.661	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-1.085	-1.085	0	%100
44	M40	Z	-1.88	-1.88	0	%100
45	M41	X	-1.085	-1.085	0	%100
46	M41	Z	-1.88	-1.88	0	%100
47	M45	X	-1.937	-1.937	0	%100
48	M45	Z	-3.354	-3.354	0	%100
49	M46A	X	-1.474	-1.474	0	%100
50	M46A	Z	-2.554	-2.554	0	%100
51	M48	X	-1.539	-1.539	0	%100
52	M48	Z	-2.666	-2.666	0	%100
53	M50A	X	-1.937	-1.937	0	%100
54	M50A	Z	-3.354	-3.354	0	%100
55	M51C	X	-1.474	-1.474	0	%100
56	M51C	Z	-2.554	-2.554	0	%100
57	M53	X	-1.539	-1.539	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[ft,%]	End Location[ft,%]
58	M53	Z	-2.666	-2.666	0	%100
59	M58A	X	-.384	-.384	0	%100
60	M58A	Z	-.665	-.665	0	%100
61	M59A	X	-.942	-.942	0	%100
62	M59A	Z	-1.632	-1.632	0	%100
63	M60	X	-.942	-.942	0	%100
64	M60	Z	-1.632	-1.632	0	%100
65	M61	X	-1.477	-1.477	0	%100
66	M61	Z	-2.559	-2.559	0	%100
67	M64	X	-1.085	-1.085	0	%100
68	M64	Z	-1.88	-1.88	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.484	-.484	0	%100
72	M69	Z	-.839	-.839	0	%100
73	M70	X	-1.474	-1.474	0	%100
74	M70	Z	-2.554	-2.554	0	%100
75	M72	X	-1.539	-1.539	0	%100
76	M72	Z	-2.666	-2.666	0	%100
77	M74	X	-.484	-.484	0	%100
78	M74	Z	-.839	-.839	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-1.224	-1.224	0	%100
86	MP3C	Z	-2.119	-2.119	0	%100
87	MP4C	X	-1.224	-1.224	0	%100
88	MP4C	Z	-2.119	-2.119	0	%100
89	MP2C	X	-1.224	-1.224	0	%100
90	MP2C	Z	-2.119	-2.119	0	%100
91	MP1C	X	-1.224	-1.224	0	%100
92	MP1C	Z	-2.119	-2.119	0	%100
93	M91A	X	-1.141	-1.141	0	%100
94	M91A	Z	-1.977	-1.977	0	%100
95	MP3B	X	-1.224	-1.224	0	%100
96	MP3B	Z	-2.119	-2.119	0	%100
97	MP4B	X	-1.224	-1.224	0	%100
98	MP4B	Z	-2.119	-2.119	0	%100
99	MP2B	X	-1.224	-1.224	0	%100
100	MP2B	Z	-2.119	-2.119	0	%100
101	MP1B	X	-1.224	-1.224	0	%100
102	MP1B	Z	-2.119	-2.119	0	%100
103	M100	X	-1.017	-1.017	0	%100
104	M100	Z	-1.762	-1.762	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-1.017	-1.017	0	%100
108	M110	Z	-1.762	-1.762	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-1.013	-1.013	0	%100
112	M122	Z	-1.755	-1.755	0	%100
113	M123	X	-1.013	-1.013	0	%100
114	M123	Z	-1.755	-1.755	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[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.668	-.668	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.574	-.574	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.453	-.453	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.453	-.453	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.453	-.453	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.453	-.453	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.574	-.574	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.145	-1.145	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.159	-.159	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.159	-.159	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-.291	-.291	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.307	-.307	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-.291	-.291	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.307	-.307	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-.509	-.509	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.143	-.143	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.143	-.143	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-.286	-.286	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.159	-.159	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-.636	-.636	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-.859	-.859	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-.291	-.291	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-.307	-.307	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-.859	-.859	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-1.166	-1.166	0	%100
57	M53	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[ft,%]	End Location[ft,%]
58	M53	Z	-1.228	-1.228	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-.509	-.509	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-.143	-.143	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.143	-.143	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-.286	-.286	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-.636	-.636	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.159	-.159	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-.859	-.859	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-1.166	-1.166	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-1.228	-1.228	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-.859	-.859	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-.291	-.291	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.307	-.307	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.167	-.167	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-.453	-.453	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-.453	-.453	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-.453	-.453	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-.453	-.453	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-.167	-.167	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-.453	-.453	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-.453	-.453	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.453	-.453	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-.453	-.453	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-.548	-.548	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	-.137	-.137	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	-.137	-.137	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.167	-.167	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-.167	-.167	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-.668	-.668	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[ft,%]	End Location[ft,%]
1	M1	X	.25	.25	0	%100
2	M1	Z	-.434	-.434	0	%100
3	M4	X	.085	.085	0	%100
4	M4	Z	-.147	-.147	0	%100
5	M10	X	.215	.215	0	%100
6	M10	Z	-.373	-.373	0	%100
7	MP3A	X	.227	.227	0	%100
8	MP3A	Z	-.392	-.392	0	%100
9	MP4A	X	.227	.227	0	%100
10	MP4A	Z	-.392	-.392	0	%100
11	MP2A	X	.227	.227	0	%100
12	MP2A	Z	-.392	-.392	0	%100
13	MP1A	X	.227	.227	0	%100
14	MP1A	Z	-.392	-.392	0	%100
15	M43	X	.215	.215	0	%100
16	M43	Z	-.373	-.373	0	%100
17	M46	X	.429	.429	0	%100
18	M46	Z	-.743	-.743	0	%100
19	M51B	X	.238	.238	0	%100
20	M51B	Z	-.413	-.413	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.143	.143	0	%100
24	M76	Z	-.248	-.248	0	%100
25	M77	X	.437	.437	0	%100
26	M77	Z	-.757	-.757	0	%100
27	M80	X	.461	.461	0	%100
28	M80	Z	-.798	-.798	0	%100
29	M84	X	.143	.143	0	%100
30	M84	Z	-.248	-.248	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.085	.085	0	%100
36	M34	Z	-.147	-.147	0	%100
37	M35	X	.215	.215	0	%100
38	M35	Z	-.373	-.373	0	%100
39	M36	X	.215	.215	0	%100
40	M36	Z	-.373	-.373	0	%100
41	M37	X	.429	.429	0	%100
42	M37	Z	-.743	-.743	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	.238	.238	0	%100
46	M41	Z	-.413	-.413	0	%100
47	M45	X	.143	.143	0	%100
48	M45	Z	-.248	-.248	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.143	.143	0	%100
54	M50A	Z	-.248	-.248	0	%100
55	M51C	X	.437	.437	0	%100
56	M51C	Z	-.757	-.757	0	%100
57	M53	X	.461	.461	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[ft,%]	End Location[ft,%]
58	M53	Z	-.798	-.798	0	%100
59	M58A	X	.339	.339	0	%100
60	M58A	Z	-.587	-.587	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	.238	.238	0	%100
68	M64	Z	-.413	-.413	0	%100
69	M65	X	.238	.238	0	%100
70	M65	Z	-.413	-.413	0	%100
71	M69	X	.572	.572	0	%100
72	M69	Z	-.991	-.991	0	%100
73	M70	X	.437	.437	0	%100
74	M70	Z	-.757	-.757	0	%100
75	M72	X	.461	.461	0	%100
76	M72	Z	-.798	-.798	0	%100
77	M74	X	.572	.572	0	%100
78	M74	Z	-.991	-.991	0	%100
79	M75	X	.437	.437	0	%100
80	M75	Z	-.757	-.757	0	%100
81	M77A	X	.461	.461	0	%100
82	M77A	Z	-.798	-.798	0	%100
83	M82	X	.25	.25	0	%100
84	M82	Z	-.434	-.434	0	%100
85	MP3C	X	.227	.227	0	%100
86	MP3C	Z	-.392	-.392	0	%100
87	MP4C	X	.227	.227	0	%100
88	MP4C	Z	-.392	-.392	0	%100
89	MP2C	X	.227	.227	0	%100
90	MP2C	Z	-.392	-.392	0	%100
91	MP1C	X	.227	.227	0	%100
92	MP1C	Z	-.392	-.392	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	.227	.227	0	%100
96	MP3B	Z	-.392	-.392	0	%100
97	MP4B	X	.227	.227	0	%100
98	MP4B	Z	-.392	-.392	0	%100
99	MP2B	X	.227	.227	0	%100
100	MP2B	Z	-.392	-.392	0	%100
101	MP1B	X	.227	.227	0	%100
102	MP1B	Z	-.392	-.392	0	%100
103	M100	X	.206	.206	0	%100
104	M100	Z	-.356	-.356	0	%100
105	M105	X	.206	.206	0	%100
106	M105	Z	-.356	-.356	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	.251	.251	0	%100
110	M121	Z	-.434	-.434	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	.251	.251	0	%100
114	M123	Z	-.434	-.434	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[ft,%]	End Location[ft,%]
1	M1	X	.145	.145	0	%100
2	M1	Z	-.083	-.083	0	%100
3	M4	X	.441	.441	0	%100
4	M4	Z	-.254	-.254	0	%100
5	M10	X	.124	.124	0	%100
6	M10	Z	-.072	-.072	0	%100
7	MP3A	X	.392	.392	0	%100
8	MP3A	Z	-.227	-.227	0	%100
9	MP4A	X	.392	.392	0	%100
10	MP4A	Z	-.227	-.227	0	%100
11	MP2A	X	.392	.392	0	%100
12	MP2A	Z	-.227	-.227	0	%100
13	MP1A	X	.392	.392	0	%100
14	MP1A	Z	-.227	-.227	0	%100
15	M43	X	.124	.124	0	%100
16	M43	Z	-.072	-.072	0	%100
17	M46	X	.248	.248	0	%100
18	M46	Z	-.143	-.143	0	%100
19	M51B	X	.55	.55	0	%100
20	M51B	Z	-.318	-.318	0	%100
21	M52B	X	.138	.138	0	%100
22	M52B	Z	-.079	-.079	0	%100
23	M76	X	.743	.743	0	%100
24	M76	Z	-.429	-.429	0	%100
25	M77	X	1.01	1.01	0	%100
26	M77	Z	-.583	-.583	0	%100
27	M80	X	1.063	1.063	0	%100
28	M80	Z	-.614	-.614	0	%100
29	M84	X	.743	.743	0	%100
30	M84	Z	-.429	-.429	0	%100
31	M85	X	.252	.252	0	%100
32	M85	Z	-.146	-.146	0	%100
33	M91	X	.266	.266	0	%100
34	M91	Z	-.153	-.153	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.497	.497	0	%100
38	M35	Z	-.287	-.287	0	%100
39	M36	X	.497	.497	0	%100
40	M36	Z	-.287	-.287	0	%100
41	M37	X	.991	.991	0	%100
42	M37	Z	-.572	-.572	0	%100
43	M40	X	.138	.138	0	%100
44	M40	Z	-.079	-.079	0	%100
45	M41	X	.138	.138	0	%100
46	M41	Z	-.079	-.079	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.252	.252	0	%100
50	M46A	Z	-.146	-.146	0	%100
51	M48	X	.266	.266	0	%100
52	M48	Z	-.153	-.153	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	.252	.252	0	%100
56	M51C	Z	-.146	-.146	0	%100
57	M53	X	.266	.266	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[ft,%]	End Location[ft,%]
58	M53	Z	-.153	-.153	0	%100
59	M58A	X	.441	.441	0	%100
60	M58A	Z	-.254	-.254	0	%100
61	M59A	X	.124	.124	0	%100
62	M59A	Z	-.072	-.072	0	%100
63	M60	X	.124	.124	0	%100
64	M60	Z	-.072	-.072	0	%100
65	M61	X	.248	.248	0	%100
66	M61	Z	-.143	-.143	0	%100
67	M64	X	.138	.138	0	%100
68	M64	Z	-.079	-.079	0	%100
69	M65	X	.55	.55	0	%100
70	M65	Z	-.318	-.318	0	%100
71	M69	X	.743	.743	0	%100
72	M69	Z	-.429	-.429	0	%100
73	M70	X	.252	.252	0	%100
74	M70	Z	-.146	-.146	0	%100
75	M72	X	.266	.266	0	%100
76	M72	Z	-.153	-.153	0	%100
77	M74	X	.743	.743	0	%100
78	M74	Z	-.429	-.429	0	%100
79	M75	X	1.01	1.01	0	%100
80	M75	Z	-.583	-.583	0	%100
81	M77A	X	1.063	1.063	0	%100
82	M77A	Z	-.614	-.614	0	%100
83	M82	X	.578	.578	0	%100
84	M82	Z	-.334	-.334	0	%100
85	MP3C	X	.392	.392	0	%100
86	MP3C	Z	-.227	-.227	0	%100
87	MP4C	X	.392	.392	0	%100
88	MP4C	Z	-.227	-.227	0	%100
89	MP2C	X	.392	.392	0	%100
90	MP2C	Z	-.227	-.227	0	%100
91	MP1C	X	.392	.392	0	%100
92	MP1C	Z	-.227	-.227	0	%100
93	M91A	X	.145	.145	0	%100
94	M91A	Z	-.083	-.083	0	%100
95	MP3B	X	.392	.392	0	%100
96	MP3B	Z	-.227	-.227	0	%100
97	MP4B	X	.392	.392	0	%100
98	MP4B	Z	-.227	-.227	0	%100
99	MP2B	X	.392	.392	0	%100
100	MP2B	Z	-.227	-.227	0	%100
101	MP1B	X	.392	.392	0	%100
102	MP1B	Z	-.227	-.227	0	%100
103	M100	X	.119	.119	0	%100
104	M100	Z	-.069	-.069	0	%100
105	M105	X	.475	.475	0	%100
106	M105	Z	-.274	-.274	0	%100
107	M110	X	.119	.119	0	%100
108	M110	Z	-.069	-.069	0	%100
109	M121	X	.579	.579	0	%100
110	M121	Z	-.334	-.334	0	%100
111	M122	X	.145	.145	0	%100
112	M122	Z	-.084	-.084	0	%100
113	M123	X	.145	.145	0	%100
114	M123	Z	-.084	-.084	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[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.678	.678	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	.453	.453	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.453	.453	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.453	.453	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.453	.453	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	.477	.477	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.477	.477	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.145	1.145	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	.874	.874	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	.921	.921	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	1.145	1.145	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	.874	.874	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	.921	.921	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.17	.17	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.43	.43	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	.43	.43	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	.859	.859	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.477	.477	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	.286	.286	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.874	.874	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	.921	.921	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.286	.286	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	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[ft,%]	End Location[ft,%]
58	M53	Z	0	0	0	%100
59	M58A	X	.17	.17	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.43	.43	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	.43	.43	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	.859	.859	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	.477	.477	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.286	.286	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	.286	.286	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	.874	.874	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	.921	.921	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	.501	.501	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	.453	.453	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	.453	.453	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	.453	.453	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	.453	.453	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	.501	.501	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	.453	.453	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	.453	.453	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	.453	.453	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	.453	.453	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	.411	.411	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	.411	.411	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	.501	.501	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.501	.501	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	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[ft,%]	End Location[ft,%]
1	M1	X	.145	.145	0	%100
2	M1	Z	.083	.083	0	%100
3	M4	X	.441	.441	0	%100
4	M4	Z	.254	.254	0	%100
5	M10	X	.124	.124	0	%100
6	M10	Z	.072	.072	0	%100
7	MP3A	X	.392	.392	0	%100
8	MP3A	Z	.227	.227	0	%100
9	MP4A	X	.392	.392	0	%100
10	MP4A	Z	.227	.227	0	%100
11	MP2A	X	.392	.392	0	%100
12	MP2A	Z	.227	.227	0	%100
13	MP1A	X	.392	.392	0	%100
14	MP1A	Z	.227	.227	0	%100
15	M43	X	.124	.124	0	%100
16	M43	Z	.072	.072	0	%100
17	M46	X	.248	.248	0	%100
18	M46	Z	.143	.143	0	%100
19	M51B	X	.138	.138	0	%100
20	M51B	Z	.079	.079	0	%100
21	M52B	X	.55	.55	0	%100
22	M52B	Z	.318	.318	0	%100
23	M76	X	.743	.743	0	%100
24	M76	Z	.429	.429	0	%100
25	M77	X	.252	.252	0	%100
26	M77	Z	.146	.146	0	%100
27	M80	X	.266	.266	0	%100
28	M80	Z	.153	.153	0	%100
29	M84	X	.743	.743	0	%100
30	M84	Z	.429	.429	0	%100
31	M85	X	1.01	1.01	0	%100
32	M85	Z	.583	.583	0	%100
33	M91	X	1.063	1.063	0	%100
34	M91	Z	.614	.614	0	%100
35	M34	X	.441	.441	0	%100
36	M34	Z	.254	.254	0	%100
37	M35	X	.124	.124	0	%100
38	M35	Z	.072	.072	0	%100
39	M36	X	.124	.124	0	%100
40	M36	Z	.072	.072	0	%100
41	M37	X	.248	.248	0	%100
42	M37	Z	.143	.143	0	%100
43	M40	X	.55	.55	0	%100
44	M40	Z	.318	.318	0	%100
45	M41	X	.138	.138	0	%100
46	M41	Z	.079	.079	0	%100
47	M45	X	.743	.743	0	%100
48	M45	Z	.429	.429	0	%100
49	M46A	X	1.01	1.01	0	%100
50	M46A	Z	.583	.583	0	%100
51	M48	X	1.063	1.063	0	%100
52	M48	Z	.614	.614	0	%100
53	M50A	X	.743	.743	0	%100
54	M50A	Z	.429	.429	0	%100
55	M51C	X	.252	.252	0	%100
56	M51C	Z	.146	.146	0	%100
57	M53	X	.266	.266	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[ft,%]	End Location[ft,%]
58	M53	Z	.153	.153	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.497	.497	0	%100
62	M59A	Z	.287	.287	0	%100
63	M60	X	.497	.497	0	%100
64	M60	Z	.287	.287	0	%100
65	M61	X	.991	.991	0	%100
66	M61	Z	.572	.572	0	%100
67	M64	X	.138	.138	0	%100
68	M64	Z	.079	.079	0	%100
69	M65	X	.138	.138	0	%100
70	M65	Z	.079	.079	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	.252	.252	0	%100
74	M70	Z	.146	.146	0	%100
75	M72	X	.266	.266	0	%100
76	M72	Z	.153	.153	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	.252	.252	0	%100
80	M75	Z	.146	.146	0	%100
81	M77A	X	.266	.266	0	%100
82	M77A	Z	.153	.153	0	%100
83	M82	X	.145	.145	0	%100
84	M82	Z	.083	.083	0	%100
85	MP3C	X	.392	.392	0	%100
86	MP3C	Z	.227	.227	0	%100
87	MP4C	X	.392	.392	0	%100
88	MP4C	Z	.227	.227	0	%100
89	MP2C	X	.392	.392	0	%100
90	MP2C	Z	.227	.227	0	%100
91	MP1C	X	.392	.392	0	%100
92	MP1C	Z	.227	.227	0	%100
93	M91A	X	.578	.578	0	%100
94	M91A	Z	.334	.334	0	%100
95	MP3B	X	.392	.392	0	%100
96	MP3B	Z	.227	.227	0	%100
97	MP4B	X	.392	.392	0	%100
98	MP4B	Z	.227	.227	0	%100
99	MP2B	X	.392	.392	0	%100
100	MP2B	Z	.227	.227	0	%100
101	MP1B	X	.392	.392	0	%100
102	MP1B	Z	.227	.227	0	%100
103	M100	X	.119	.119	0	%100
104	M100	Z	.069	.069	0	%100
105	M105	X	.119	.119	0	%100
106	M105	Z	.069	.069	0	%100
107	M110	X	.475	.475	0	%100
108	M110	Z	.274	.274	0	%100
109	M121	X	.145	.145	0	%100
110	M121	Z	.084	.084	0	%100
111	M122	X	.579	.579	0	%100
112	M122	Z	.334	.334	0	%100
113	M123	X	.145	.145	0	%100
114	M123	Z	.084	.084	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[ft,%]	End Location[ft,%]
1	M1	X	.25	.25	0	%100
2	M1	Z	.434	.434	0	%100
3	M4	X	.085	.085	0	%100
4	M4	Z	.147	.147	0	%100
5	M10	X	.215	.215	0	%100
6	M10	Z	.373	.373	0	%100
7	MP3A	X	.227	.227	0	%100
8	MP3A	Z	.392	.392	0	%100
9	MP4A	X	.227	.227	0	%100
10	MP4A	Z	.392	.392	0	%100
11	MP2A	X	.227	.227	0	%100
12	MP2A	Z	.392	.392	0	%100
13	MP1A	X	.227	.227	0	%100
14	MP1A	Z	.392	.392	0	%100
15	M43	X	.215	.215	0	%100
16	M43	Z	.373	.373	0	%100
17	M46	X	.429	.429	0	%100
18	M46	Z	.743	.743	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.238	.238	0	%100
22	M52B	Z	.413	.413	0	%100
23	M76	X	.143	.143	0	%100
24	M76	Z	.248	.248	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.143	.143	0	%100
30	M84	Z	.248	.248	0	%100
31	M85	X	.437	.437	0	%100
32	M85	Z	.757	.757	0	%100
33	M91	X	.461	.461	0	%100
34	M91	Z	.798	.798	0	%100
35	M34	X	.339	.339	0	%100
36	M34	Z	.587	.587	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.238	.238	0	%100
44	M40	Z	.413	.413	0	%100
45	M41	X	.238	.238	0	%100
46	M41	Z	.413	.413	0	%100
47	M45	X	.572	.572	0	%100
48	M45	Z	.991	.991	0	%100
49	M46A	X	.437	.437	0	%100
50	M46A	Z	.757	.757	0	%100
51	M48	X	.461	.461	0	%100
52	M48	Z	.798	.798	0	%100
53	M50A	X	.572	.572	0	%100
54	M50A	Z	.991	.991	0	%100
55	M51C	X	.437	.437	0	%100
56	M51C	Z	.757	.757	0	%100
57	M53	X	.461	.461	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[ft,%]	End Location[ft,%]
58	M53	Z	.798	.798	0	%100
59	M58A	X	.085	.085	0	%100
60	M58A	Z	.147	.147	0	%100
61	M59A	X	.215	.215	0	%100
62	M59A	Z	.373	.373	0	%100
63	M60	X	.215	.215	0	%100
64	M60	Z	.373	.373	0	%100
65	M61	X	.429	.429	0	%100
66	M61	Z	.743	.743	0	%100
67	M64	X	.238	.238	0	%100
68	M64	Z	.413	.413	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.143	.143	0	%100
72	M69	Z	.248	.248	0	%100
73	M70	X	.437	.437	0	%100
74	M70	Z	.757	.757	0	%100
75	M72	X	.461	.461	0	%100
76	M72	Z	.798	.798	0	%100
77	M74	X	.143	.143	0	%100
78	M74	Z	.248	.248	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	.227	.227	0	%100
86	MP3C	Z	.392	.392	0	%100
87	MP4C	X	.227	.227	0	%100
88	MP4C	Z	.392	.392	0	%100
89	MP2C	X	.227	.227	0	%100
90	MP2C	Z	.392	.392	0	%100
91	MP1C	X	.227	.227	0	%100
92	MP1C	Z	.392	.392	0	%100
93	M91A	X	.25	.25	0	%100
94	M91A	Z	.434	.434	0	%100
95	MP3B	X	.227	.227	0	%100
96	MP3B	Z	.392	.392	0	%100
97	MP4B	X	.227	.227	0	%100
98	MP4B	Z	.392	.392	0	%100
99	MP2B	X	.227	.227	0	%100
100	MP2B	Z	.392	.392	0	%100
101	MP1B	X	.227	.227	0	%100
102	MP1B	Z	.392	.392	0	%100
103	M100	X	.206	.206	0	%100
104	M100	Z	.356	.356	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	.206	.206	0	%100
108	M110	Z	.356	.356	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.251	.251	0	%100
112	M122	Z	.434	.434	0	%100
113	M123	X	.251	.251	0	%100
114	M123	Z	.434	.434	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[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.668	.668	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.574	.574	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.453	.453	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.453	.453	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.453	.453	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.453	.453	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.574	.574	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.145	1.145	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.159	.159	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.159	.159	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.291	.291	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.307	.307	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.291	.291	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.307	.307	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	.509	.509	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.143	.143	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.143	.143	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	.286	.286	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.159	.159	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	.636	.636	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	.859	.859	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	.291	.291	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	.307	.307	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	.859	.859	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	1.166	1.166	0	%100
57	M53	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[ft,%]	End Location[ft,%]
58	M53	Z	1.228	1.228	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	.509	.509	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.143	.143	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.143	.143	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	.286	.286	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	.636	.636	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.159	.159	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	.859	.859	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	1.166	1.166	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	1.228	1.228	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	.859	.859	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	.291	.291	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.307	.307	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.167	.167	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	.453	.453	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	.453	.453	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	.453	.453	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	.453	.453	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	.167	.167	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	.453	.453	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	.453	.453	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	.453	.453	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	.453	.453	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	.548	.548	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	.137	.137	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	.137	.137	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.167	.167	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	.167	.167	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	.668	.668	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[ft,%]	End Location[ft,%]
1	M1	X	-.25	-.25	0	%100
2	M1	Z	.434	.434	0	%100
3	M4	X	-.085	-.085	0	%100
4	M4	Z	.147	.147	0	%100
5	M10	X	-.215	-.215	0	%100
6	M10	Z	.373	.373	0	%100
7	MP3A	X	-.227	-.227	0	%100
8	MP3A	Z	.392	.392	0	%100
9	MP4A	X	-.227	-.227	0	%100
10	MP4A	Z	.392	.392	0	%100
11	MP2A	X	-.227	-.227	0	%100
12	MP2A	Z	.392	.392	0	%100
13	MP1A	X	-.227	-.227	0	%100
14	MP1A	Z	.392	.392	0	%100
15	M43	X	-.215	-.215	0	%100
16	M43	Z	.373	.373	0	%100
17	M46	X	-.429	-.429	0	%100
18	M46	Z	.743	.743	0	%100
19	M51B	X	-.238	-.238	0	%100
20	M51B	Z	.413	.413	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.143	-.143	0	%100
24	M76	Z	.248	.248	0	%100
25	M77	X	-.437	-.437	0	%100
26	M77	Z	.757	.757	0	%100
27	M80	X	-.461	-.461	0	%100
28	M80	Z	.798	.798	0	%100
29	M84	X	-.143	-.143	0	%100
30	M84	Z	.248	.248	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.085	-.085	0	%100
36	M34	Z	.147	.147	0	%100
37	M35	X	-.215	-.215	0	%100
38	M35	Z	.373	.373	0	%100
39	M36	X	-.215	-.215	0	%100
40	M36	Z	.373	.373	0	%100
41	M37	X	-.429	-.429	0	%100
42	M37	Z	.743	.743	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-.238	-.238	0	%100
46	M41	Z	.413	.413	0	%100
47	M45	X	-.143	-.143	0	%100
48	M45	Z	.248	.248	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.143	-.143	0	%100
54	M50A	Z	.248	.248	0	%100
55	M51C	X	-.437	-.437	0	%100
56	M51C	Z	.757	.757	0	%100
57	M53	X	-.461	-.461	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[ft,%]	End Location[ft,%]
58	M53	Z	.798	.798	0	%100
59	M58A	X	-.339	-.339	0	%100
60	M58A	Z	.587	.587	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-.238	-.238	0	%100
68	M64	Z	.413	.413	0	%100
69	M65	X	-.238	-.238	0	%100
70	M65	Z	.413	.413	0	%100
71	M69	X	-.572	-.572	0	%100
72	M69	Z	.991	.991	0	%100
73	M70	X	-.437	-.437	0	%100
74	M70	Z	.757	.757	0	%100
75	M72	X	-.461	-.461	0	%100
76	M72	Z	.798	.798	0	%100
77	M74	X	-.572	-.572	0	%100
78	M74	Z	.991	.991	0	%100
79	M75	X	-.437	-.437	0	%100
80	M75	Z	.757	.757	0	%100
81	M77A	X	-.461	-.461	0	%100
82	M77A	Z	.798	.798	0	%100
83	M82	X	-.25	-.25	0	%100
84	M82	Z	.434	.434	0	%100
85	MP3C	X	-.227	-.227	0	%100
86	MP3C	Z	.392	.392	0	%100
87	MP4C	X	-.227	-.227	0	%100
88	MP4C	Z	.392	.392	0	%100
89	MP2C	X	-.227	-.227	0	%100
90	MP2C	Z	.392	.392	0	%100
91	MP1C	X	-.227	-.227	0	%100
92	MP1C	Z	.392	.392	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-.227	-.227	0	%100
96	MP3B	Z	.392	.392	0	%100
97	MP4B	X	-.227	-.227	0	%100
98	MP4B	Z	.392	.392	0	%100
99	MP2B	X	-.227	-.227	0	%100
100	MP2B	Z	.392	.392	0	%100
101	MP1B	X	-.227	-.227	0	%100
102	MP1B	Z	.392	.392	0	%100
103	M100	X	-.206	-.206	0	%100
104	M100	Z	.356	.356	0	%100
105	M105	X	-.206	-.206	0	%100
106	M105	Z	.356	.356	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-.251	-.251	0	%100
110	M121	Z	.434	.434	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-.251	-.251	0	%100
114	M123	Z	.434	.434	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[ft,%]	End Location[ft,%]
1	M1	X	-.145	-.145	0	%100
2	M1	Z	.083	.083	0	%100
3	M4	X	-.441	-.441	0	%100
4	M4	Z	.254	.254	0	%100
5	M10	X	-.124	-.124	0	%100
6	M10	Z	.072	.072	0	%100
7	MP3A	X	-.392	-.392	0	%100
8	MP3A	Z	.227	.227	0	%100
9	MP4A	X	-.392	-.392	0	%100
10	MP4A	Z	.227	.227	0	%100
11	MP2A	X	-.392	-.392	0	%100
12	MP2A	Z	.227	.227	0	%100
13	MP1A	X	-.392	-.392	0	%100
14	MP1A	Z	.227	.227	0	%100
15	M43	X	-.124	-.124	0	%100
16	M43	Z	.072	.072	0	%100
17	M46	X	-.248	-.248	0	%100
18	M46	Z	.143	.143	0	%100
19	M51B	X	-.55	-.55	0	%100
20	M51B	Z	.318	.318	0	%100
21	M52B	X	-.138	-.138	0	%100
22	M52B	Z	.079	.079	0	%100
23	M76	X	-.743	-.743	0	%100
24	M76	Z	.429	.429	0	%100
25	M77	X	-1.01	-1.01	0	%100
26	M77	Z	.583	.583	0	%100
27	M80	X	-1.063	-1.063	0	%100
28	M80	Z	.614	.614	0	%100
29	M84	X	-.743	-.743	0	%100
30	M84	Z	.429	.429	0	%100
31	M85	X	-.252	-.252	0	%100
32	M85	Z	.146	.146	0	%100
33	M91	X	-.266	-.266	0	%100
34	M91	Z	.153	.153	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.497	-.497	0	%100
38	M35	Z	.287	.287	0	%100
39	M36	X	-.497	-.497	0	%100
40	M36	Z	.287	.287	0	%100
41	M37	X	-.991	-.991	0	%100
42	M37	Z	.572	.572	0	%100
43	M40	X	-.138	-.138	0	%100
44	M40	Z	.079	.079	0	%100
45	M41	X	-.138	-.138	0	%100
46	M41	Z	.079	.079	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.252	-.252	0	%100
50	M46A	Z	.146	.146	0	%100
51	M48	X	-.266	-.266	0	%100
52	M48	Z	.153	.153	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-.252	-.252	0	%100
56	M51C	Z	.146	.146	0	%100
57	M53	X	-.266	-.266	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[ft,%]	End Location[ft,%]
58	M53	Z	.153	.153	0	%100
59	M58A	X	-.441	-.441	0	%100
60	M58A	Z	.254	.254	0	%100
61	M59A	X	-.124	-.124	0	%100
62	M59A	Z	.072	.072	0	%100
63	M60	X	-.124	-.124	0	%100
64	M60	Z	.072	.072	0	%100
65	M61	X	-.248	-.248	0	%100
66	M61	Z	.143	.143	0	%100
67	M64	X	-.138	-.138	0	%100
68	M64	Z	.079	.079	0	%100
69	M65	X	-.55	-.55	0	%100
70	M65	Z	.318	.318	0	%100
71	M69	X	-.743	-.743	0	%100
72	M69	Z	.429	.429	0	%100
73	M70	X	-.252	-.252	0	%100
74	M70	Z	.146	.146	0	%100
75	M72	X	-.266	-.266	0	%100
76	M72	Z	.153	.153	0	%100
77	M74	X	-.743	-.743	0	%100
78	M74	Z	.429	.429	0	%100
79	M75	X	-1.01	-1.01	0	%100
80	M75	Z	.583	.583	0	%100
81	M77A	X	-1.063	-1.063	0	%100
82	M77A	Z	.614	.614	0	%100
83	M82	X	-.578	-.578	0	%100
84	M82	Z	.334	.334	0	%100
85	MP3C	X	-.392	-.392	0	%100
86	MP3C	Z	.227	.227	0	%100
87	MP4C	X	-.392	-.392	0	%100
88	MP4C	Z	.227	.227	0	%100
89	MP2C	X	-.392	-.392	0	%100
90	MP2C	Z	.227	.227	0	%100
91	MP1C	X	-.392	-.392	0	%100
92	MP1C	Z	.227	.227	0	%100
93	M91A	X	-.145	-.145	0	%100
94	M91A	Z	.083	.083	0	%100
95	MP3B	X	-.392	-.392	0	%100
96	MP3B	Z	.227	.227	0	%100
97	MP4B	X	-.392	-.392	0	%100
98	MP4B	Z	.227	.227	0	%100
99	MP2B	X	-.392	-.392	0	%100
100	MP2B	Z	.227	.227	0	%100
101	MP1B	X	-.392	-.392	0	%100
102	MP1B	Z	.227	.227	0	%100
103	M100	X	-.119	-.119	0	%100
104	M100	Z	.069	.069	0	%100
105	M105	X	-.475	-.475	0	%100
106	M105	Z	.274	.274	0	%100
107	M110	X	-.119	-.119	0	%100
108	M110	Z	.069	.069	0	%100
109	M121	X	-.579	-.579	0	%100
110	M121	Z	.334	.334	0	%100
111	M122	X	-.145	-.145	0	%100
112	M122	Z	.084	.084	0	%100
113	M123	X	-.145	-.145	0	%100
114	M123	Z	.084	.084	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[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.678	-.678	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-.453	-.453	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.453	-.453	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.453	-.453	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.453	-.453	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-.477	-.477	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.477	-.477	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.145	-1.145	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-.874	-.874	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-.921	-.921	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.145	-1.145	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-.874	-.874	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-.921	-.921	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.17	-.17	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.43	-.43	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-.43	-.43	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-.859	-.859	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.477	-.477	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-.286	-.286	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.874	-.874	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-.921	-.921	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.286	-.286	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	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[ft,%]	End Location[ft,%]
58	M53	Z	0	0	0	%100
59	M58A	X	-.17	-.17	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.43	-.43	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-.43	-.43	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-.859	-.859	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-.477	-.477	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.286	-.286	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-.286	-.286	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-.874	-.874	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-.921	-.921	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-.501	-.501	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-.453	-.453	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-.453	-.453	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-.453	-.453	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-.453	-.453	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-.501	-.501	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-.453	-.453	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-.453	-.453	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-.453	-.453	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-.453	-.453	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	-.411	-.411	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-.411	-.411	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-.501	-.501	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-.501	-.501	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	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[ft,%]	End Location[ft,%]
1	M1	X	-.145	-.145	0	%100
2	M1	Z	-.083	-.083	0	%100
3	M4	X	-.441	-.441	0	%100
4	M4	Z	-.254	-.254	0	%100
5	M10	X	-.124	-.124	0	%100
6	M10	Z	-.072	-.072	0	%100
7	MP3A	X	-.392	-.392	0	%100
8	MP3A	Z	-.227	-.227	0	%100
9	MP4A	X	-.392	-.392	0	%100
10	MP4A	Z	-.227	-.227	0	%100
11	MP2A	X	-.392	-.392	0	%100
12	MP2A	Z	-.227	-.227	0	%100
13	MP1A	X	-.392	-.392	0	%100
14	MP1A	Z	-.227	-.227	0	%100
15	M43	X	-.124	-.124	0	%100
16	M43	Z	-.072	-.072	0	%100
17	M46	X	-.248	-.248	0	%100
18	M46	Z	-.143	-.143	0	%100
19	M51B	X	-.138	-.138	0	%100
20	M51B	Z	-.079	-.079	0	%100
21	M52B	X	-.55	-.55	0	%100
22	M52B	Z	-.318	-.318	0	%100
23	M76	X	-.743	-.743	0	%100
24	M76	Z	-.429	-.429	0	%100
25	M77	X	-.252	-.252	0	%100
26	M77	Z	-.146	-.146	0	%100
27	M80	X	-.266	-.266	0	%100
28	M80	Z	-.153	-.153	0	%100
29	M84	X	-.743	-.743	0	%100
30	M84	Z	-.429	-.429	0	%100
31	M85	X	-1.01	-1.01	0	%100
32	M85	Z	-.583	-.583	0	%100
33	M91	X	-1.063	-1.063	0	%100
34	M91	Z	-.614	-.614	0	%100
35	M34	X	-.441	-.441	0	%100
36	M34	Z	-.254	-.254	0	%100
37	M35	X	-.124	-.124	0	%100
38	M35	Z	-.072	-.072	0	%100
39	M36	X	-.124	-.124	0	%100
40	M36	Z	-.072	-.072	0	%100
41	M37	X	-.248	-.248	0	%100
42	M37	Z	-.143	-.143	0	%100
43	M40	X	-.55	-.55	0	%100
44	M40	Z	-.318	-.318	0	%100
45	M41	X	-.138	-.138	0	%100
46	M41	Z	-.079	-.079	0	%100
47	M45	X	-.743	-.743	0	%100
48	M45	Z	-.429	-.429	0	%100
49	M46A	X	-1.01	-1.01	0	%100
50	M46A	Z	-.583	-.583	0	%100
51	M48	X	-1.063	-1.063	0	%100
52	M48	Z	-.614	-.614	0	%100
53	M50A	X	-.743	-.743	0	%100
54	M50A	Z	-.429	-.429	0	%100
55	M51C	X	-.252	-.252	0	%100
56	M51C	Z	-.146	-.146	0	%100
57	M53	X	-.266	-.266	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[ft,%]	End Location[ft,%]
58	M53	Z	-.153	-.153	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.497	-.497	0	%100
62	M59A	Z	-.287	-.287	0	%100
63	M60	X	-.497	-.497	0	%100
64	M60	Z	-.287	-.287	0	%100
65	M61	X	-.991	-.991	0	%100
66	M61	Z	-.572	-.572	0	%100
67	M64	X	-.138	-.138	0	%100
68	M64	Z	-.079	-.079	0	%100
69	M65	X	-.138	-.138	0	%100
70	M65	Z	-.079	-.079	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-.252	-.252	0	%100
74	M70	Z	-.146	-.146	0	%100
75	M72	X	-.266	-.266	0	%100
76	M72	Z	-.153	-.153	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-.252	-.252	0	%100
80	M75	Z	-.146	-.146	0	%100
81	M77A	X	-.266	-.266	0	%100
82	M77A	Z	-.153	-.153	0	%100
83	M82	X	-.145	-.145	0	%100
84	M82	Z	-.083	-.083	0	%100
85	MP3C	X	-.392	-.392	0	%100
86	MP3C	Z	-.227	-.227	0	%100
87	MP4C	X	-.392	-.392	0	%100
88	MP4C	Z	-.227	-.227	0	%100
89	MP2C	X	-.392	-.392	0	%100
90	MP2C	Z	-.227	-.227	0	%100
91	MP1C	X	-.392	-.392	0	%100
92	MP1C	Z	-.227	-.227	0	%100
93	M91A	X	-.578	-.578	0	%100
94	M91A	Z	-.334	-.334	0	%100
95	MP3B	X	-.392	-.392	0	%100
96	MP3B	Z	-.227	-.227	0	%100
97	MP4B	X	-.392	-.392	0	%100
98	MP4B	Z	-.227	-.227	0	%100
99	MP2B	X	-.392	-.392	0	%100
100	MP2B	Z	-.227	-.227	0	%100
101	MP1B	X	-.392	-.392	0	%100
102	MP1B	Z	-.227	-.227	0	%100
103	M100	X	-.119	-.119	0	%100
104	M100	Z	-.069	-.069	0	%100
105	M105	X	-.119	-.119	0	%100
106	M105	Z	-.069	-.069	0	%100
107	M110	X	-.475	-.475	0	%100
108	M110	Z	-.274	-.274	0	%100
109	M121	X	-.145	-.145	0	%100
110	M121	Z	-.084	-.084	0	%100
111	M122	X	-.579	-.579	0	%100
112	M122	Z	-.334	-.334	0	%100
113	M123	X	-.145	-.145	0	%100
114	M123	Z	-.084	-.084	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[ft,%]	End Location[ft,%]
1	M1	X	-.25	-.25	0	%100
2	M1	Z	-.434	-.434	0	%100
3	M4	X	-.085	-.085	0	%100
4	M4	Z	-.147	-.147	0	%100
5	M10	X	-.215	-.215	0	%100
6	M10	Z	-.373	-.373	0	%100
7	MP3A	X	-.227	-.227	0	%100
8	MP3A	Z	-.392	-.392	0	%100
9	MP4A	X	-.227	-.227	0	%100
10	MP4A	Z	-.392	-.392	0	%100
11	MP2A	X	-.227	-.227	0	%100
12	MP2A	Z	-.392	-.392	0	%100
13	MP1A	X	-.227	-.227	0	%100
14	MP1A	Z	-.392	-.392	0	%100
15	M43	X	-.215	-.215	0	%100
16	M43	Z	-.373	-.373	0	%100
17	M46	X	-.429	-.429	0	%100
18	M46	Z	-.743	-.743	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.238	-.238	0	%100
22	M52B	Z	-.413	-.413	0	%100
23	M76	X	-.143	-.143	0	%100
24	M76	Z	-.248	-.248	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.143	-.143	0	%100
30	M84	Z	-.248	-.248	0	%100
31	M85	X	-.437	-.437	0	%100
32	M85	Z	-.757	-.757	0	%100
33	M91	X	-.461	-.461	0	%100
34	M91	Z	-.798	-.798	0	%100
35	M34	X	-.339	-.339	0	%100
36	M34	Z	-.587	-.587	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.238	-.238	0	%100
44	M40	Z	-.413	-.413	0	%100
45	M41	X	-.238	-.238	0	%100
46	M41	Z	-.413	-.413	0	%100
47	M45	X	-.572	-.572	0	%100
48	M45	Z	-.991	-.991	0	%100
49	M46A	X	-.437	-.437	0	%100
50	M46A	Z	-.757	-.757	0	%100
51	M48	X	-.461	-.461	0	%100
52	M48	Z	-.798	-.798	0	%100
53	M50A	X	-.572	-.572	0	%100
54	M50A	Z	-.991	-.991	0	%100
55	M51C	X	-.437	-.437	0	%100
56	M51C	Z	-.757	-.757	0	%100
57	M53	X	-.461	-.461	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[ft,%]	End Location[ft,%]
58	M53	Z	-.798	-.798	0	%100
59	M58A	X	-.085	-.085	0	%100
60	M58A	Z	-.147	-.147	0	%100
61	M59A	X	-.215	-.215	0	%100
62	M59A	Z	-.373	-.373	0	%100
63	M60	X	-.215	-.215	0	%100
64	M60	Z	-.373	-.373	0	%100
65	M61	X	-.429	-.429	0	%100
66	M61	Z	-.743	-.743	0	%100
67	M64	X	-.238	-.238	0	%100
68	M64	Z	-.413	-.413	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.143	-.143	0	%100
72	M69	Z	-.248	-.248	0	%100
73	M70	X	-.437	-.437	0	%100
74	M70	Z	-.757	-.757	0	%100
75	M72	X	-.461	-.461	0	%100
76	M72	Z	-.798	-.798	0	%100
77	M74	X	-.143	-.143	0	%100
78	M74	Z	-.248	-.248	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-.227	-.227	0	%100
86	MP3C	Z	-.392	-.392	0	%100
87	MP4C	X	-.227	-.227	0	%100
88	MP4C	Z	-.392	-.392	0	%100
89	MP2C	X	-.227	-.227	0	%100
90	MP2C	Z	-.392	-.392	0	%100
91	MP1C	X	-.227	-.227	0	%100
92	MP1C	Z	-.392	-.392	0	%100
93	M91A	X	-.25	-.25	0	%100
94	M91A	Z	-.434	-.434	0	%100
95	MP3B	X	-.227	-.227	0	%100
96	MP3B	Z	-.392	-.392	0	%100
97	MP4B	X	-.227	-.227	0	%100
98	MP4B	Z	-.392	-.392	0	%100
99	MP2B	X	-.227	-.227	0	%100
100	MP2B	Z	-.392	-.392	0	%100
101	MP1B	X	-.227	-.227	0	%100
102	MP1B	Z	-.392	-.392	0	%100
103	M100	X	-.206	-.206	0	%100
104	M100	Z	-.356	-.356	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-.206	-.206	0	%100
108	M110	Z	-.356	-.356	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-.251	-.251	0	%100
112	M122	Z	-.434	-.434	0	%100
113	M123	X	-.251	-.251	0	%100
114	M123	Z	-.434	-.434	0	%100

Member Distributed Loads (BLC 81 : BLC 39 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-1.879	-4.428	0	.832
2	M40	Y	-4.428	-7.042	.832	1.665
3	M40	Y	-7.042	-8.256	1.665	2.497
4	M40	Y	-8.256	-6.578	2.497	3.329
5	M40	Y	-6.578	-3.47	3.329	4.162
6	M41	Y	-3.463	-6.545	0	.832
7	M41	Y	-6.545	-8.189	.832	1.665
8	M41	Y	-8.189	-6.9	1.665	2.497
9	M41	Y	-6.9	-4.227	2.497	3.329
10	M41	Y	-4.227	-1.665	3.329	4.162
11	M51B	Y	-1.879	-4.428	0	.832
12	M51B	Y	-4.428	-7.042	.832	1.665
13	M51B	Y	-7.042	-8.256	1.665	2.497
14	M51B	Y	-8.256	-6.578	2.497	3.329
15	M51B	Y	-6.578	-3.47	3.329	4.162
16	M52B	Y	-3.463	-6.545	0	.832
17	M52B	Y	-6.545	-8.189	.832	1.665
18	M52B	Y	-8.189	-6.9	1.665	2.497
19	M52B	Y	-6.9	-4.227	2.497	3.329
20	M52B	Y	-4.227	-1.665	3.329	4.162
21	M64	Y	-1.664	-4.227	0	.832
22	M64	Y	-4.227	-6.899	.832	1.665
23	M64	Y	-6.899	-8.187	1.665	2.497
24	M64	Y	-8.187	-6.544	2.497	3.329
25	M64	Y	-6.544	-3.463	3.329	4.162
26	M65	Y	-3.462	-6.572	0	.832
27	M65	Y	-6.572	-8.261	.832	1.665
28	M65	Y	-8.261	-7.048	1.665	2.497
29	M65	Y	-7.048	-4.428	2.497	3.329
30	M65	Y	-4.428	-1.883	3.329	4.162

Member Distributed Loads (BLC 82 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-3.578	-8.431	0	.832
2	M40	Y	-8.431	-13.406	.832	1.665
3	M40	Y	-13.406	-15.719	1.665	2.497
4	M40	Y	-15.719	-12.523	2.497	3.329
5	M40	Y	-12.523	-6.606	3.329	4.162
6	M41	Y	-6.593	-12.46	0	.832
7	M41	Y	-12.46	-15.59	.832	1.665
8	M41	Y	-15.59	-13.136	1.665	2.497
9	M41	Y	-13.136	-8.047	2.497	3.329
10	M41	Y	-8.047	-3.171	3.329	4.162
11	M51B	Y	-3.578	-8.431	0	.832
12	M51B	Y	-8.431	-13.406	.832	1.665
13	M51B	Y	-13.406	-15.719	1.665	2.497
14	M51B	Y	-15.719	-12.523	2.497	3.329
15	M51B	Y	-12.523	-6.606	3.329	4.162
16	M52B	Y	-6.593	-12.46	0	.832
17	M52B	Y	-12.46	-15.59	.832	1.665
18	M52B	Y	-15.59	-13.136	1.665	2.497
19	M52B	Y	-13.136	-8.047	2.497	3.329
20	M52B	Y	-8.047	-3.171	3.329	4.162
21	M64	Y	-3.167	-8.048	0	.832
22	M64	Y	-8.048	-13.135	.832	1.665
23	M64	Y	-13.135	-15.587	1.665	2.497

Member Distributed Loads (BLC 82 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M64	Y	-15.587	-12.459	2.497	3.329
25	M64	Y	-12.459	-6.593	3.329	4.162
26	M65	Y	-6.592	-12.512	0	.832
27	M65	Y	-12.512	-15.728	.832	1.665
28	M65	Y	-15.728	-13.418	1.665	2.497
29	M65	Y	-13.418	-8.43	2.497	3.329
30	M65	Y	-8.43	-3.584	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N59	N83	N81	N58	Y	Two Way	-.005
2	N7	N87B	N87C	N6	Y	Two Way	-.005
3	N88	N112	N110	N87	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N59	N83	N81	N58	Y	Two Way	-.01
2	N7	N87B	N87C	N6	Y	Two Way	-.01
3	N88	N112	N110	N87	Y	Two Way	-.01

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	N3	max	571.699	10	2155.153	13	1690.072	1	4.658	13	1.023	4	.046	12
2		min	-605.905	4	251.604	7	-1902.226	7	-.45	7	-1.023	10	-.212	6
3	N56	max	1359.186	9	2209.437	21	849.378	1	-.141	3	.999	12	.119	3
4		min	-1457.43	3	399.663	3	-748.552	7	-2.982	45	-.975	6	-4.107	45
5	N85	max	1437.789	11	2343.62	17	1036.554	12	.013	11	1.009	8	4.474	17
6		min	-1306.021	5	452.607	11	-922.773	6	-2.834	29	-1.093	2	.192	11
7	Totals:	max	3066.632	10	6221.768	22	3503.891	1						
8		min	-3066.634	4	3202.589	4	-3503.885	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	...	Eqn
1	M1	PIPE_3.0	.140	4.427	18	.062	8....		7	28250....	65205	5.749	5.749	...	H1-...
2	M4	HSS4X4X4	.293	0	1	.061	0	y	13	124657...	1395..	16.181	16.181	...	H1-...
3	M10	HSS4X4X4	.141	2.375	13	.044	2....	y	13	136263...	1395..	16.181	16.181	...	H1-...
4	MP3A	PIPE_2.0	.291	4.333	5	.083	4....		6	14916....	32130	1.872	1.872	...	H1-...
5	MP4A	PIPE_2.0	.245	4.333	5	.100	.667		6	14916....	32130	1.872	1.872	...	H1-...
6	MP2A	PIPE_2.0	.291	4.333	10	.060	2....		9	14916....	32130	1.872	1.872	...	H1-...
7	MP1A	PIPE_2.0	.371	4.333	9	.195	4....		12	14916....	32130	1.872	1.872	...	H1-...
8	M43	HSS4X4X4	.145	0	24	.047	0	y	13	136263...	1395..	16.181	16.181	...	H1-...
9	M46	PL1/2x6	.148	.516	7	.092	0	y	10	66009....	97200	1.012	12.15	...	H1-...
10	M51B	L2x2x4	.092	0	2	.010	4....	y	17	12728....	3058..	.691	1.466	...	H2-1
11	M52B	L2x2x4	.092	0	1	.011	4....	y	21	12728....	3058..	.691	1.463	...	H2-1
12	M76	PL3/8x6	.129	0	1	.184	0	y	18	70647....	72900	.57	9.113	...	H1-...
13	M77	PL3/8x6	.188	.167	8	.281	0	y	13	71583....	72900	.57	9.113	...	H1-...
14	M80	PL1/2x6	.047	.112	1	.059	.112	y	5	96757....	97200	1.012	12.15	...	H1-...
15	M84	PL3/8x6	.187	0	1	.175	0	y	21	70647....	72900	.57	9.113	...	H1-...
16	M85	PL3/8x6	.195	.167	7	.296	0	y	24	71583....	72900	.57	9.113	...	H1-...
17	M91	PL1/2x6	.050	.112	7	.077	0	y	3	96757....	97200	1.012	12.15	...	H1-...
18	M34	HSS4X4X4	.312	0	45	.091	0	y	45	124657...	1395..	16.181	16.181	...	H1-...
19	M35	HSS4X4X4	.149	2.375	22	.045	2....	y	20	136263...	1395..	16.181	16.181	...	H1-...

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	...	Eqn
20	M36	HSS4X4X4	.152	0	20	.050	0	y	44	136263...	1395..	16.181	16.181	...	H1-...
21	M37	PL1/2x6	.143	.516	2	.102	0	y	6	66009....	97200	1.012	12.15	...	H1-...
22	M40	L2x2x4	.089	0	11	.010	4....	y	13	12728....	3058..	.691	1.479	...	H2-1
23	M41	L2x2x4	.090	4.162	7	.012	4....	y	18	12728....	3058..	.691	1.481	...	H2-1
24	M45	PL3/8x6	.118	0	7	.214	0	y	37	70647....	72900	.57	9.113	...	H1-...
25	M46A	PL3/8x6	.161	.167	4	.295	0	y	21	71583....	72900	.57	9.113	...	H1-...
26	M48	PL1/2x6	.040	.112	9	.062	.112	y	1	96757....	97200	1.012	12.15	...	H1-...
27	M50A	PL3/8x6	.182	0	2	.198	0	y	17	70647....	72900	.57	9.113	...	H1-...
28	M51C	PL3/8x6	.187	.167	2	.309	0	y	20	71583....	72900	.57	9.113	...	H1-...
29	M53	PL1/2x6	.043	.112	8	.124	0	y	47	96757....	97200	1.012	12.15	...	H1-...
30	M58A	HSS4X4X4	.329	0	18	.092	0	y	29	124657...	1395..	16.181	16.181	...	H1-...
31	M59A	HSS4X4X4	.157	2.375	18	.055	2....	y	29	136263...	1395..	16.181	16.181	...	H1-...
32	M60	HSS4X4X4	.155	0	16	.049	0	y	17	136263...	1395..	16.181	16.181	...	H1-...
33	M61	PL1/2x6	.141	.516	5	.109	.516	y	26	66009....	97200	1.012	12.15	...	H1-...
34	M64	L2x2x4	.094	4.162	6	.010	4....	y	20	12728....	3058..	.691	1.467	...	H2-1
35	M65	L2x2x4	.087	0	5	.011	4....	y	13	12728....	3058..	.691	1.463	...	H2-1
36	M69	PL3/8x6	.114	0	6	.177	0	y	45	70647....	72900	.57	9.113	...	H1-...
37	M70	PL3/8x6	.196	.167	12	.314	0	y	17	71583....	72900	.57	9.113	...	H1-...
38	M72	PL1/2x6	.045	.112	5	.091	0	y	26	96757....	97200	1.012	12.15	...	H1-...
39	M74	PL3/8x6	.180	0	5	.187	0	y	13	70647....	72900	.57	9.113	...	H1-...
40	M75	PL3/8x6	.173	.167	11	.309	0	y	16	71583....	72900	.57	9.113	...	H1-...
41	M77A	PL1/2x6	.046	.112	5	.090	0	y	7	96757....	97200	1.012	12.15	...	H1-...
42	M82	PIPE_3.0	.135	4.427	14	.055	8....		3	28250....	65205	5.749	5.749	...	H1-...
43	MP3C	PIPE_2.0	.312	4.333	1	.079	4....		2	14916....	32130	1.872	1.872	...	H1-...
44	MP4C	PIPE_2.0	.253	4.333	1	.090	.667		2	14916....	32130	1.872	1.872	...	H1-...
45	MP2C	PIPE_2.0	.348	4.333	6	.059	2....		6	14916....	32130	1.872	1.872	...	H1-...
46	MP1C	PIPE_2.0	.385	4.333	5	.200	4....		7	14916....	32130	1.872	1.872	...	H1-...
47	M91A	PIPE_3.0	.138	4.427	46	.056	8....		12	28250....	65205	5.749	5.749	...	H1-...
48	MP3B	PIPE_2.0	.305	4.333	8	.074	4....		11	14916....	32130	1.872	1.872	...	H1-...
49	MP4B	PIPE_2.0	.244	4.333	8	.090	1....		10	14916....	32130	1.872	1.872	...	H1-...
50	MP2B	PIPE_2.0	.324	4.333	7	.057	2....		7	14916....	32130	1.872	1.872	...	H1-...
51	MP1B	PIPE_2.0	.403	4.333	1	.191	4....		4	14916....	32130	1.872	1.872	...	H1-...
52	M100	PIPE_2.5	.174	2.214	9	.060	11...		7	14558....	50715	3.596	3.596	...	H1-...
53	M105	PIPE_2.5	.169	2.214	5	.054	6.38		6	14558....	50715	3.596	3.596	...	H1-...
54	M110	PIPE_2.5	.187	2.214	1	.057	6.51		6	14558....	50715	3.596	3.596	...	H1-...
55	M121	L3X3X4	.256	0	7	.046	.018	z	12	43562....	46656	1.688	3.756	...	H2-1
56	M122	L3X3X4	.284	1.76	7	.051	0	z	8	43562....	46656	1.688	3.756	...	H2-1
57	M123	L3X3X4	.235	0	11	.044	.11	z	4	43562....	46656	1.688	3.756	...	H2-1

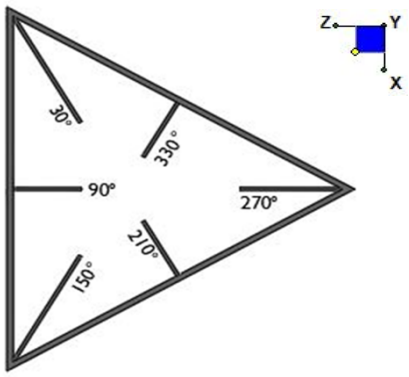
Client:	Verizon Wireless	Date:	6/10/2021
Site Name:	Naugatuck West CT		
Project No.	21777437A		
Title:	Antenna Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

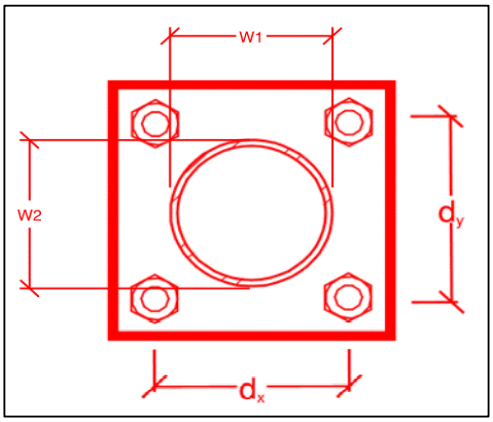
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
n3	270
n85	150
n56	30



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	21.1
Required Shear Strength (kips):	4.2
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**25.5%***
Shear Capacity Overall:	**8.4%**



**Note: Tension reduction not required if tension or shear capacity < 30%*

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	8
Plate Height (in):	8
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.75
Weld Size (1/16 in):	5
Phi*Rn (kip/in):	6.96
Required Weld Strength (kip/in):	2.96
Plate Bending Capacity:	**29.4%**
Weld Capacity:	**42.5%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	10.5
Phi*Mn_{xx} *(kip-in)* :	36.5
Mu_{yy} *(kip-in)* :	0.2
Phi*Mn_{yy} *(kip-in)* :	36.5

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

Purpose – to provide TES the proper documentation in order 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:

- 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) must be shown.
- Notation that all hardware was properly installed, and the existing hardware was inspected for any issues.
- Verification that loading is as communicated in the modification drawings. NOTE If loading is different than what is conveyed in the modification drawing contact TES immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and 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.
- The photos in the file structure should be uploaded **to** https://pmi.vzwsmart.com as depicted on the drawings

Photo Requirements:

- *Base and "During Installation Photos"*
  - Base pictures include
    - Photo of Gate Signs showing the tower owner, site name, and number
    - Photo of carrier shelter showing the carrier site name and number if available
    - Photos of the galvanizing compound and/or paint used (if applicable), clearly showing the label and name
  - "During Installation Photos if provided - must be placed only in this folder
- *Photos taken at ground level*
  - Overall tower structure before and after installation of the modifications
  - Photos of the appropriate mount before and 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 each individual sector before and also after installation of modifications. Each entire sector must be in one photo to show in the inter-connection of members.
        - These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
    - Close-up photos of each installed modification per the modification drawings; pictures should also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
    - Photos showing the measurements of the installed modification member sizes (i.e. lengths, widths, depths, diameters, thicknesses)
    - Photos showing the elevation or distances of the installed modifications from the appropriate reference locations shown in the modification drawings
    - Photos showing the installed modifications onto the tower with tape drop measurements (if applicable) (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, a tape drop measurement shall be provided before the elevation change
    - 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.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by TES.
    - If the drawings are as specified on the drawings
        - The contractor should provide the packing list or the materials utilized to perform the mount modification
    - If an equivalent is utilized
        - It is required that the TES certification of such is included in the contractor submission package. There may be an additional charge for this certification if the equivalent submission doesn't meet specifications as prescribed in the drawings.
- The contractor must certify that the materials meet these specifications by one of these methods.

☐ The Material utilized was as specified on the TES Mount Modification Drawings and included in the Material certification folder is a packing list or invoice for these materials

☐ The material utilized was an "equivalent" and included as part of the contractor submission is the TES certification, invoices, or specifications validating accepted status

Certifying Individual: Company _____

Name _____

Signature _____

Antenna & equipment placement and Geometry Confirmation:

- The contractor must certify that the antenna & equipment placement and geometry is in accordance with the antenna placement diagrams as included in this mount analysis.

- ☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the antenna placement diagrams as included in this mount analysis.

- ☐ The contractor notes that the equipment on the mount is not in accordance with the antenna placement diagrams and has accordingly marked up the diagrams or provided a diagram outlining the differences.

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Contractor to install safety climb cable guide (Site Pro 1, Part # 120-123/317 or EOR approved equivalent) in locations where wire rope is rubbing against mount to tower attachments. Contractor to provide photos of safety climb guide installation.

Response:

Schedule A – Photo & Document File Structure

- VzW Site Number / Name
  - Base & “During Installation” Photos
  - Pre-Installation Photos
    - Alpha
    - Beta
    - Gamma
    - Ground Level
    - Tape Drop
  - Post-Installation Photos
    - Alpha
    - Beta
    - Gamma
    - Ground Level
    - Tape Drop
    - Photos of climbing facility and safety climb – If Present
  - Certifications – Submission of this document including certifications
  - Specific Required Additional Photos

Sector: **A**

Structure Type: Monopole

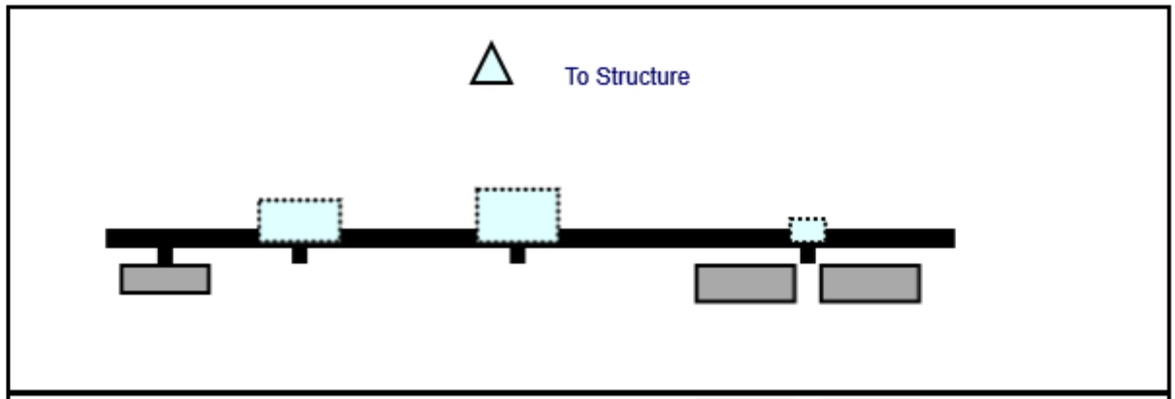
Mount Elev: 103.83

10050381

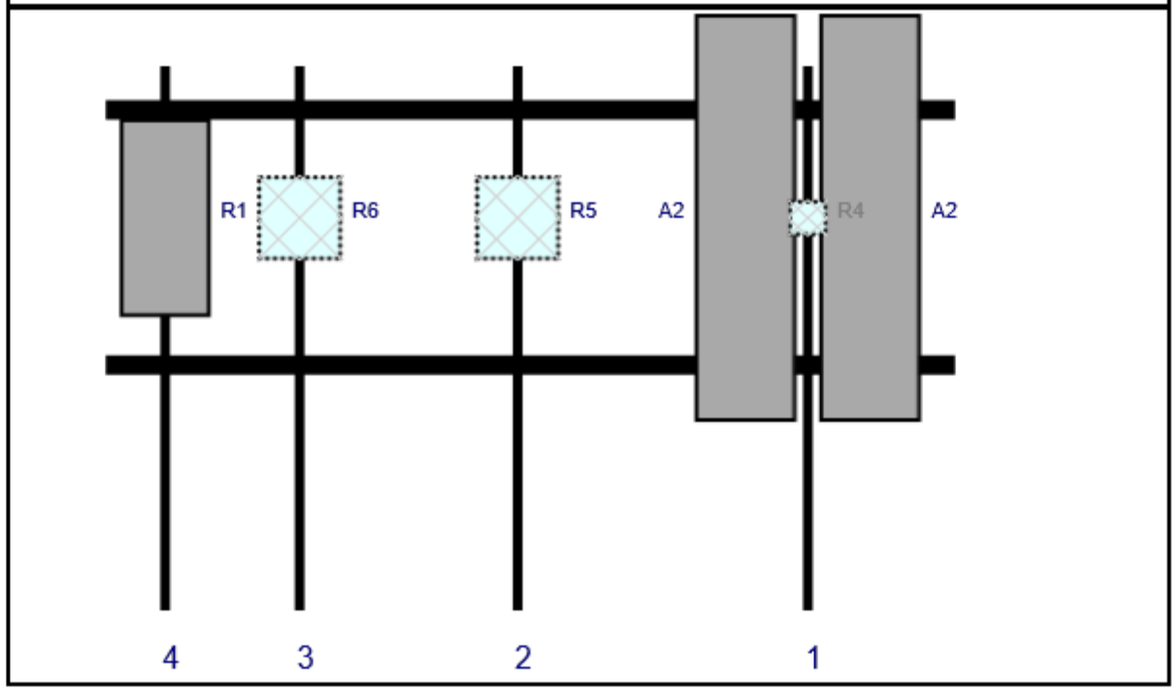
6/10/2021

MASER CONSULTING CONNECTICUT

Plan View



Front View
Looking at Structure

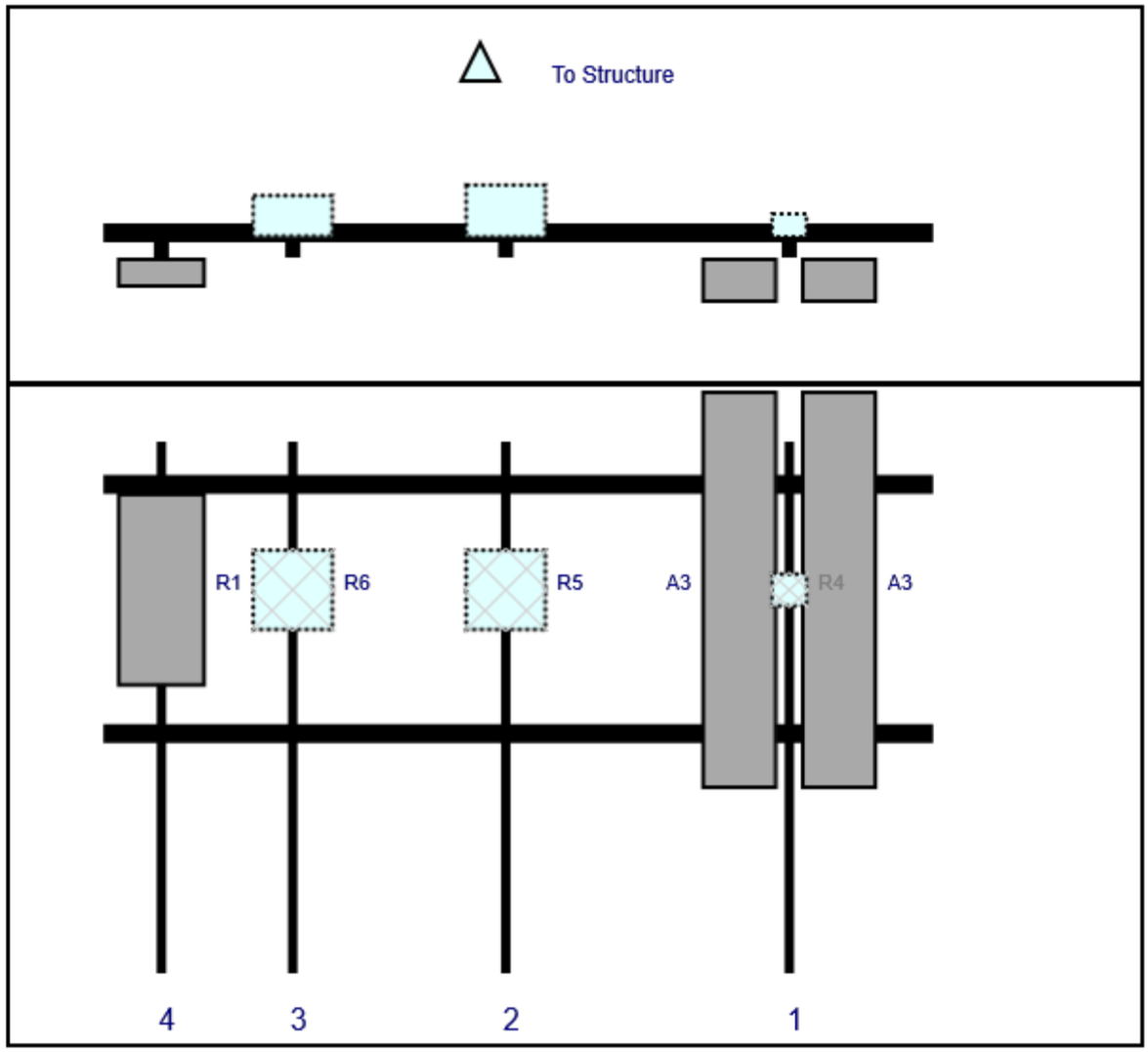


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	JAHH-45B-R3B	72	18	124	1	a	Front	26.76	11	Retained	03/30/2021
A2	JAHH-45B-R3B	72	18	124	1	b	Front	26.76	-11	Retained	03/30/2021
R4	CBC78T-DS-43	6.4	6.9	124	1	a	Behind	26.76	0	Retained	03/30/2021
R5	B2/B66A RRH-BR049	15	15	72.75	2	a	Behind	26.76	0	Retained	03/30/2021
R6	B5/B13 RRH-BR04C	15	15	34.25	3	a	Behind	26.76	0	Retained	03/30/2021
R1	MT6407-77A	35.1	16.1	10.5	4	a	Front	26.76	0	Added	

MASER CONSULTING — CONNECTICUT —

Plan View

Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	JAHH-65B-R3B	72	13.8	124	1	a	Front	26.76	9	Retained	03/30/2021
A3	JAHH-65B-R3B	72	13.8	124	1	b	Front	26.76	-9	Retained	03/30/2021
R4	CBC78T-DS-43	6.4	6.9	124	1	a	Behind	26.76	0	Retained	03/30/2021
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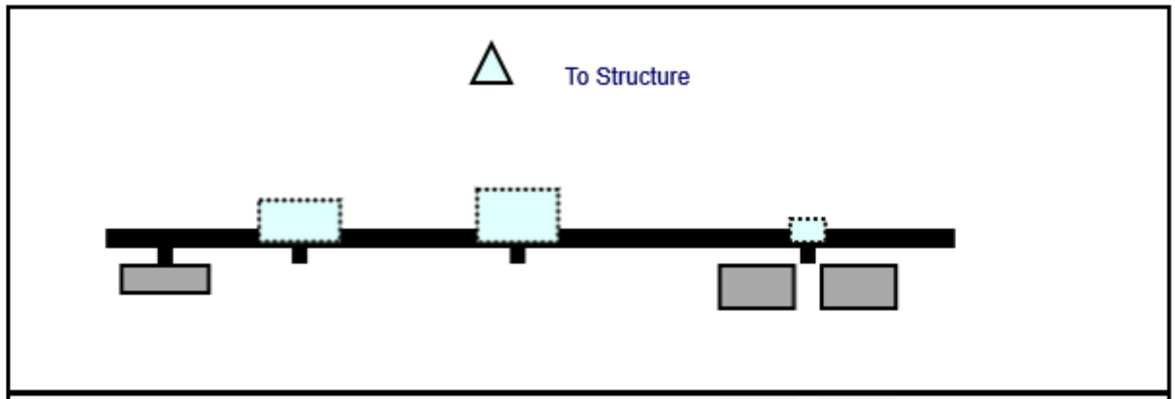
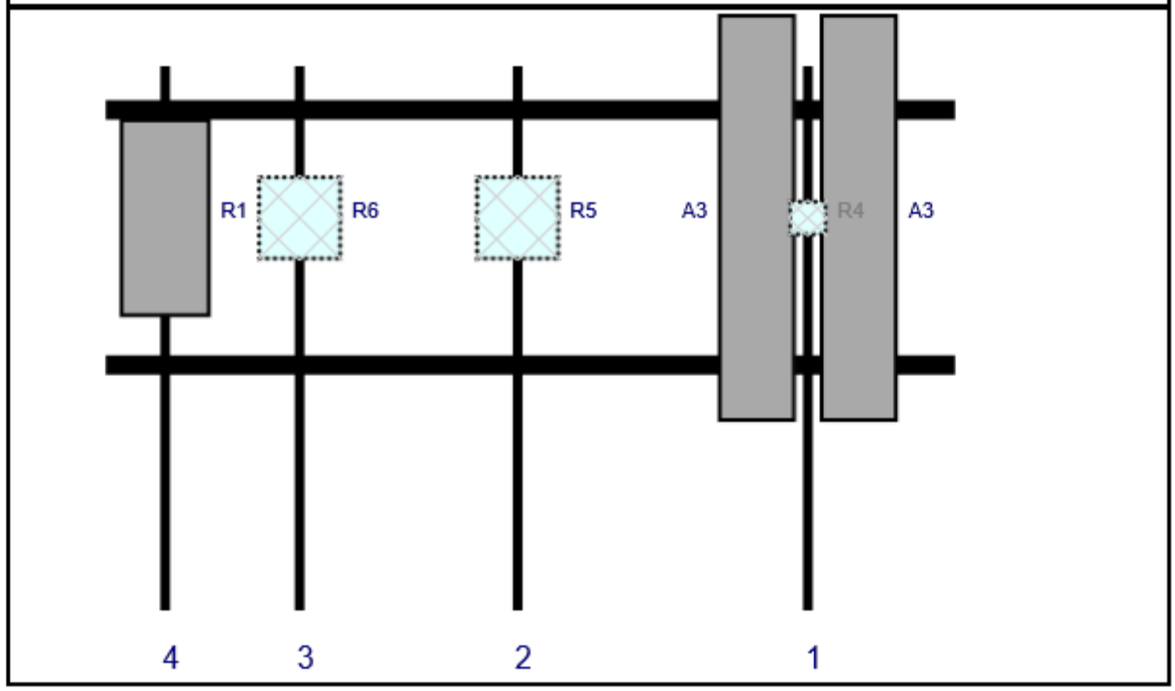
Plan View



Front View
Looking at Structure



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R1	MT6407-77A	35.1	16.1	10.5	4	a	Front	26.76	0	Added	

Maser Consulting Connecticut

MASER CONSULTING
— CONNECTICUT —

Subject		TIA-222-H Usage
Site Information	Site ID:	469151-VZW / NAUGATUCK WEST CT
	Site Name:	NAUGATUCK WEST CT
	Carrier Name:	Verizon Wireless
	Address:	880 Andrew Mountain Rd Naugatuck, Connecticut 06770 New Haven County
	Latitude:	41.484453°
	Longitude:	-73.089844°
Structure Information	Tower Type:	Monopole
	Mount Type:	12.50-Ft Platform

To Whom It May Concern,

We respectfully submit the above referenced Antenna Mount Structural Analysis report in conformance with ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures.

The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. The TIA-222-H is the latest revision of the TIA-222 Standard, effective as of January 01, 2018.

As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates the latest wind speed map by ASCE 7 based on updated studies of the wind data.

The TIA-222-H standard clarifies these specific requirements for the antenna mount analysis such as modeling method, seismic analysis, 30-degree increment wind direction and maintenance loading. Therefore, it is our opinion that TIA-222-H is the most appropriate standard for antenna mount structural analysis and is acceptable for use at this site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,

Dejian Xu

Dejian Xu, PE
Technical Specialist

Site Name: ***NAUGATUCK WEST 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	962	3846	106	0.0123	0.5007	2.46%
VZW Cellular	874	4	891	3565	106	0.0114	0.5827	1.96%
VZW PCS	1975	4	2201	8804	106	0.0282	1.0000	2.82%
VZW AWS	2120	4	2576	10303	106	0.0330	1.0000	3.30%
VZW CBAND	3730.08	4	6531	26125	106	0.0836	1.0000	8.36%

Total Percentage of Maximum Permissible Exposure 18.89%

*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/cm^2 = milliwatts per square centimeter
ERP = Effective Radiated Power

Absolute worst case maximum values used.

Parcel Map AO07

AN06 | AN07 | AN08

AO06 | AO08

AP06 | AP07 | AP08

ANDREW MOUNTAIN RD

DORMAN DR

#
453/D.19W114
073.0302
1.08 ac.

#
453/D.19W113
073.0301
2.7 ac.

#
453/D.19W115
073.0303
1.04 ac.

#861
453/D.19W12
022.4100
0.57 ac.

#869
D.19W44
073.0300
0.85 ac.

#
453/D.19W116
073.0304
1.05 ac.

#
453/D.19W117
073.0305
1.06 ac.

#881
D.19W11
067.3800
0.7 ac.

#820
383.6W116
027.2400
0.76 ac.

#79
383.6W122
066.5404
0.71 ac.

#27
383.6W119
066.5403
0.7 ac.

#31
383.6W120
066.5404
0.69 ac.

#57
383.6W121
066.5405
0.69 ac.

#71
383.6W122
066.5406
0.69 ac.

#77
383.6W123
066.5407
1.61 ac.

#0
D.6W29
074.9550
0 ac.

#389
D.6W29
002.0300
105.5 ac.

#0
D.6W27
002.0750
1.3 ac.

#1021
D.6W53
016.2980
2.01 ac.

#20
367.8W91
026.3115
0.99 ac.

#122
367.8W84
026.3321
1.24 ac.

#137
367.6W134
026.3340
0.88 ac.

#
367-Lot 55 No Tax Record
ac.

#860
D.6W29.5
002.0600
7.41 ac.

N

0 25 50 100 Feet

1 inch = 50 feet

BOROUGH OF NAUGATUCK
INCORPORATED 1844
CONNECTICUT

Parcel Map
Borough of Naugatuck, Connecticut
AO07

Water
Metro North Railroad
State of Connecticut Bridle Trail

Parcel Classification

- Residential
- Commercial
- Industrial
- Exempt
- Public Utility
- Farm / Forest / Open Space
- Condominiums / Trailer Park

AN06	AN07	AN08
AO06		AO08
AP06	AP07	AP08

The spatial information on this map is not a survey and is subject to any changes an actual land survey discloses.

This map does not show exact property lines. Property lines were digitized from Borough of Naugatuck tax maps.
This map was produced by the Borough of Naugatuck Engineering Department, GIS Division.

Town of Naugatuck, CT

Property Listing Report

Map Block Lot	002-0301	Building #	1	PID	129166	Account	002-0301

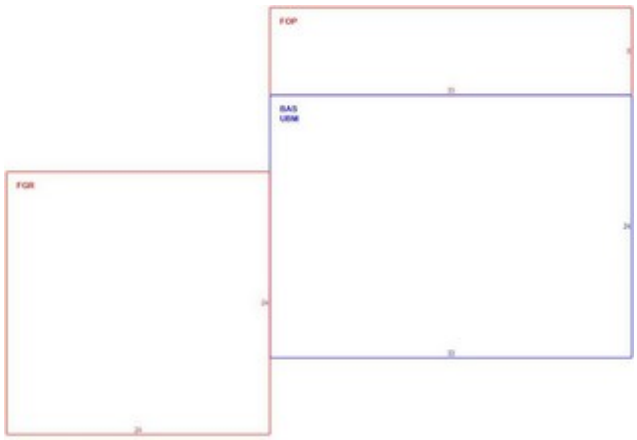
Property Information

Property Location	880 ANDREW MOUNTAIN RD
Owner	PIERCE MARJORIE
Co-Owner	
Mailing Address	111 BIRCH LA NAUGATUCK CT 06770
Land Use	1010 Single Fam
Land Class	R
Zoning Code	
Census Tract	

Neighborhood	7
Acreage	1.72
Utilities	
Lot Setting/Desc	
Book / Page	0954/0258
Additional Info	

Photo

Sketch



Primary Construction Details

Year Built	2000
Building Desc.	Single Fam
Building Style	Ranch
Building Grade	C
Stories	1
Occupancy	1.00
Exterior Walls	Logs
Exterior Walls 2	NA
Roof Style	Gable
Roof Cover	Asphalt
Interior Walls	Drywall
Interior Walls 2	NA
Interior Floors 1	Hardwood
Interior Floors 2	

Heating Fuel	Oil
Heating Type	Hot Water
AC Type	None
Bedrooms	02
Full Bathrooms	1
Half Bathrooms	0
Extra Fixtures	0
Total Rooms	3
Bath Style	Average
Kitchen Style	Average
Fin Bsmt Area	
Fin Bsmt Quality	
Bsmt Gar	0
Fireplaces	0

(*Industrial / Commercial Details)

Building Use	Residential
Building Condition	G
Sprinkler %	NA
Heat / AC	NA
Frame Type	NA
Baths / Plumbing	NA
Ceiling / Wall	NA
Rooms / Prtns	NA
Wall Height	NA
First Floor Use	NA
Foundation	NA

Report Created On 8/12/2021

Town of Naugatuck, CT

Property Listing Report | Map Block Lot **002-0301** | Building # **1** | PID **129166** | Account **002-0301**

Valuation Summary

(Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	114030	79820
Extras	2340	1640
Improvements		
Outbuildings	0	0
Land	70030	49020
Total	186400	130480

Outbuilding and Extra Features

Type	Description
Fireplace	1 UNITS

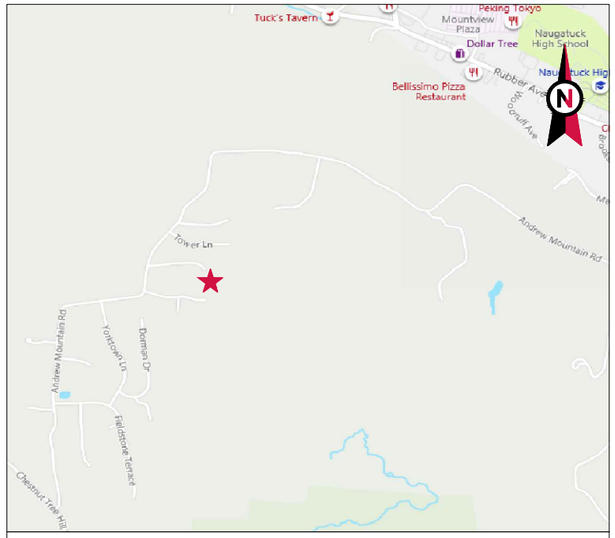
Sub Areas

Subarea Type	Gross Area (sq ft)	Living Area (sq ft)
First Floor	792	792
Garage	576	0
Porch, Open	264	0
Basement, Unfinished	792	0
Total Area	2424	792

Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
PIERCE MARJORIE	0954/0258	2014-12-17	0
ANDREW FRANKLIN BROOKS EST	0932/0275	2013-08-08	0

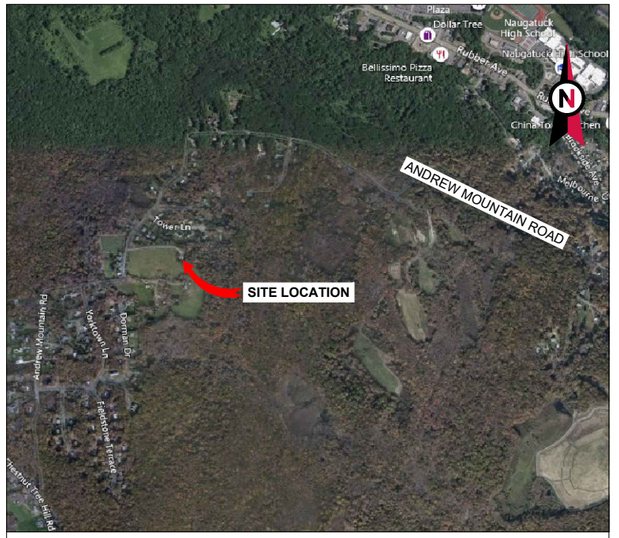
Report Created On **8/12/2021**



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: NAUGATUCK CT
ATC SITE NUMBER: 283423
VERIZON SITE NAME: NAUGATUCK WEST CT
VERIZON SITE NUMBER:469151
SITE ADDRESS: 880 ANDREW MOUNTAIN ROAD
NAUGATUCK, CT 06770-3656



LOCATION MAP

VERIZON
5G L-SUB6 CARRIER ADD ANTENNA AMENDMENT DRAWINGS

COMPLIANCE CODE

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

1. 2018 CONNECTICUT STATE BUILDING CODE-AMENDMENTS TO IBC 2015
2. INTERNATIONAL BUILDING CODE 2015, INTERNATIONAL CODE COUNCIL
3. TIA-222-G-4, STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS
4. ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, AMERICAN SOCIETY OF CIVIL ENGINEERS
5. STEEL CONSTRUCTION MANUAL 14TH EDITION, AMERICAN INSTITUTE OF STEEL CONSTRUCTION
6. CITY/COUNTY ORDINANCES

UTILITY COMPANIES

POWER COMPANY: EVERSOURCE
PHONE: (877) 659-6326

TELEPHONE COMPANY: FRONTIER COMMUNICATIONS
PHONE: (800) 376-6843

811 Know what's below. Call before you dig.

PROJECT SUMMARY

SITE ADDRESS:

880 ANDREW MOUNTAIN ROAD

NAUGATUCK, CT 06770-3656

COUNTY: NEW HAVEN

GEOGRAPHIC COORDINATES:

LATITUDE: 41.484453

LONGITUDE: -73.089844

GROUND ELEVATION: 855' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS
118 FLANDERS ROAD
WESTBOROUGH, MA 01581

ENGINEER:

DEWBERRY ENGINEERS INC.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110

PROPERTY OWNER:

FRANKLIN B ANDREW JR
880 ANDREW
MOUNTAIN ROAD
NAUGATUCK, CT 06770

PROJECT DESCRIPTION

THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:

REMOVE (2) OVP(s) AND (2) HYBRID CABLE(s)

INSTALL MOUNT MODIFICATIONS, (3) ANTENNA(s), (3) RRH(s), (2) OVP(s), AND (2) HYBRID CABLE(s)

EXISTING (3) EXISTING ANTENNA MOUNTS, (6) ANTENNA(s), (6) RRH(s), AND (3) DIPLEXER(s) TO REMAIN

PROJECT NOTES

1. THE FACILITY IS UNMANNED.
2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE.
3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE.
4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED.
5. HANDICAP ACCESS IS NOT REQUIRED.

PROJECT LOCATION DIRECTIONS

FROM DOWNTOWN NEW HAVEN CT START OUT GOING NORTHEAST ON CHURCH ST TOWARD WALL ST. TURN LEFT ONTO GROVE ST. GROVE ST BECOMES TOWER PKWY. TOWER PKWY BECOMES WHALLEY AVE. TURN SLIGHT LEFT ONTO AMITY RD/CT-63. CONTINUE TO FOLLOW CT-63. TURN LEFT TO STAY ON CT-63. TURN LEFT ONTO SCOTT ST. TAKE THE 3RD LEFT ONTO ANDREW AVE. TURN RIGHT ONTO ANDREW MOUNTAIN RD. 946 ANDREW MOUNTAIN RD, NAUGATUCK, CT 06770-3643, 946 ANDREW MOUNTAIN RD IS ON THE LEFT.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	06/28/21	EMA
G-002	GENERAL NOTES	0	06/28/21	EMA
C-101	DETAILED SITE PLAN	0	06/28/21	EMA
C-201	TOWER ELEVATION	0	06/28/21	EMA
C-401	ANTENNA INFORMATION & SCHEDULE	0	06/28/21	EMA
C-501	CONSTRUCTION DETAILS	0	06/28/21	EMA
E-501	GROUNDING DETAILS	0	06/28/21	EMA
R-601	SUPPLEMENTAL			
	MOUNT MODIFICATION (8 PAGES)			

AMERICAN TOWER®

Dewberry®
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.531.0801
FAX: 617.695.3310

REV.	DESCRIPTION	BY	DATE
A	PRELIM	MR	05/28/21
0	FINAL	EMA	06/28/21

ATC SITE NUMBER:
283423

ATC SITE NAME:
NAUGATUCK CT

VERIZON SITE NAME:
NAUGATUCK WEST CT

SITE ADDRESS:
880 ANDREW MOUNTAIN ROAD
NAUGATUCK, CT 06770-3656

SEAL:

verizon

DATE DRAWN:	05/27/21
ATC JOB NO:	13668711_D1
CUSTOMER ID:	NAUGATUCK WEST CT
CUSTOMER #:	469151

TITLE SHEET

SHEET NUMBER: G-001

REVISION: 0

GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
   - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
   - B. AC/TELCO INTERFACE BOX (PPC)
   - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
   - D. TOWERS, MONOPOLES
   - E. TOWER LIGHTING
   - F. GENERATORS & LIQUID PROPANE TANK
   - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
   - H. ANTENNAS (INSTALLED BY OTHERS)
   - I. TRANSMISSION LINE
   - J. TRANSMISSION LINE JUMPERS
   - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
   - L. TRANSMISSION LINE GROUND KITS
   - M. HANGERS
   - N. HOISTING GRIPS
   - O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF VERIZON TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
29. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
30. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE VERIZON REP. ANY WORK FOUND BY THE VERIZON REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
31. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
32. VERIZON FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
33. VERIZON OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO VERIZON OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
   - A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY VERIZON UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OD COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL AND
   - B. INSTALL ANTENNA AS INDICATE ON DRAWINGS AND VERIZON SPECIFICATIONS.
   - C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS
   - D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.
   - E. CONTRACTOR SHALL PROVIDE FOUR (4) SETS OF SWEEP TESTS USING ANRITZU-PACKARD 8713B RF SCALAR NETWORK ANALYZER. SUBMIT FREQUENCY DOMAIN REFLECTOMETER(FDR) TESTS RESULTS TO THE PROJECT MANAGER. SWEEP TESTS SHALL BE AS PER ATTACHED RFS "MINIMUM FIELD TESTING RECOMMENDED FOR ANTENNA AND HELIAX COAXIAL CABLE SYSTEMS" DATED 10/5/93. TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING SERVICE AND BE BOUND AND SUBMITTED WITHIN ONE WEEK OF WORK COMPLETION.
   - F. INSTALL COAXIAL CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
   - G. ANTENNA AND COAXIAL CABLE GROUNDING:
2. ALL EXTERIOR #6 GREED GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.
3. ALL COAXIAL CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL CABLE (NOT WITHIN BENDS)

ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

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REV.	DESCRIPTION	BY	DATE
A	PRELIM	MR	05/28/21
0	FINAL	EMA	06/28/21

ATC SITE NUMBER:
283423

ATC SITE NAME:
NAUGATUCK CT

VERIZON SITE NAME:
NAUGATUCK WEST CT

SITE ADDRESS:
880 ANDREW MOUNTAIN ROAD
NAUGATUCK, CT 06770-3656

SEAL:

verizon

DATE DRAWN:	05/27/21
ATC JOB NO:	13668711_D1
CUSTOMER ID:	NAUGATUCK WEST CT
CUSTOMER #:	469151

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

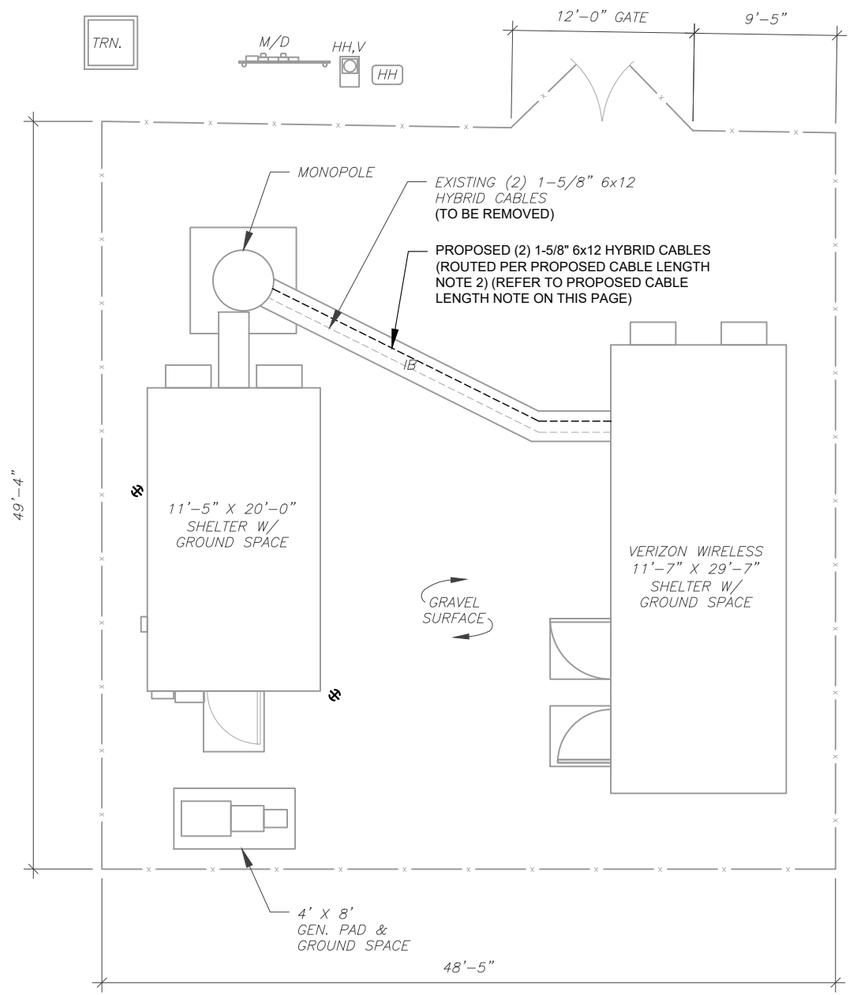
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.

3. THIS PROJECT INCLUDES NO INSTALL OR MODIFICATION AT GRADE.

LEGEND

⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACAL
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
——x——	CHAINLINK FENCE



PROPOSED CABLE LENGTH:

1. ESTIMATED LENGTH OF PROPOSED CABLE IS **151'**. ESTIMATED LENGTH OF CABLE WAS PROVIDED BY CUSTOMER OR CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES), CDS DEFER TO GREATEST CABLE LENGTH.
2. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. WHERE POSSIBLE UTILIZE EXISTING CABLE SUPPORT STRUCTURES AS PROVIDED FOR CARRIER TO ADEQUATELY SECURE CABLES, USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER. OTHERWISE, ATTACH CABLES TO HORIZONTAL OR DIAGONAL TOWER MEMBERS USING PROPOSED STAINLESS STEEL ADAPTERS (DO NOT ATTACH TO TOWER LEG).

1 DETAILED SITE PLAN

GRAPHIC SCALE

10 0 5 10

(IN FEET)
1 UNIT = 10 FEET

N

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NAUGATUCK, CT 06770-3656

SEAL:

verizon

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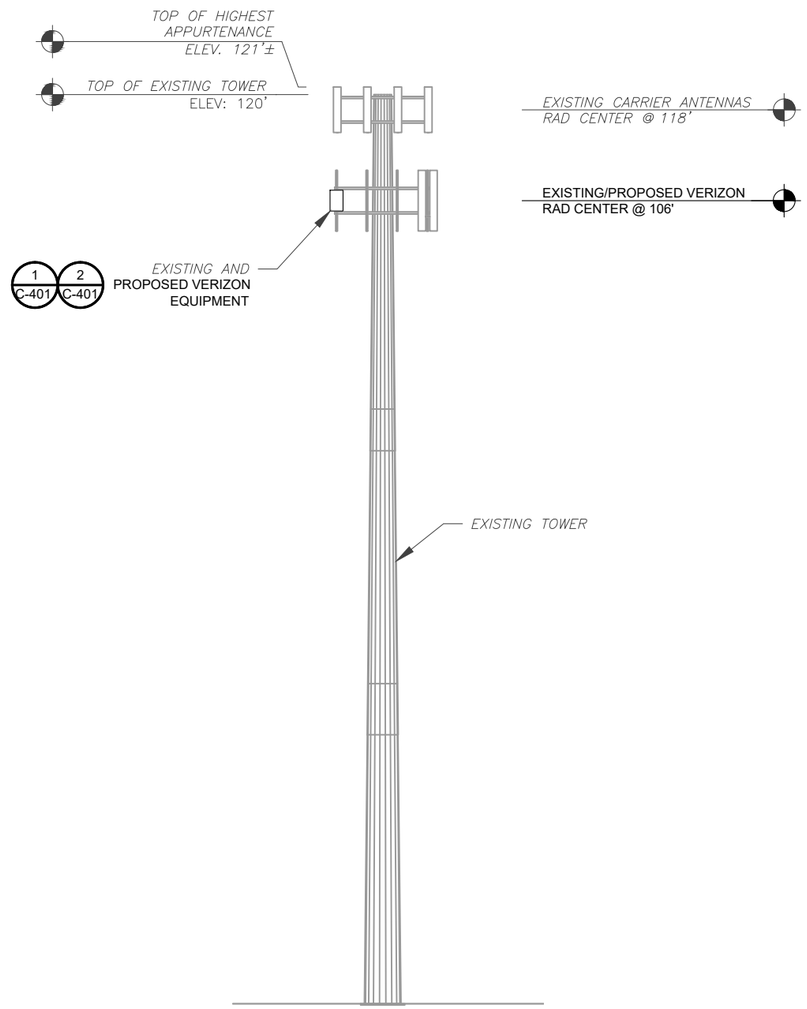
CUSTOMER #:	469151

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING CONNECTICUT, DATED 06/11/21, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.



1 TOWER ELEVATION
SCALE: N.T.S.

TOWER NOTE:
1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
3. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.
4. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)

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SEAL:

verizon

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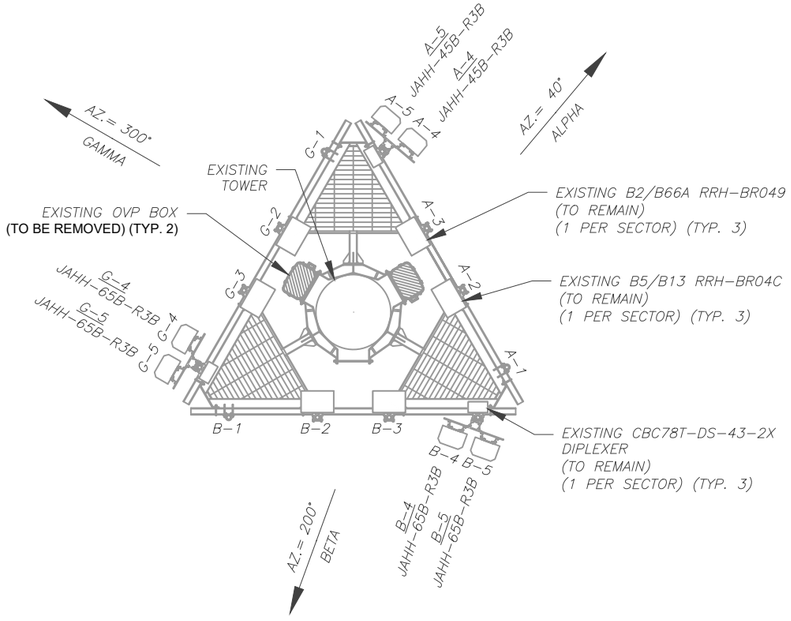
CUSTOMER #:	469151

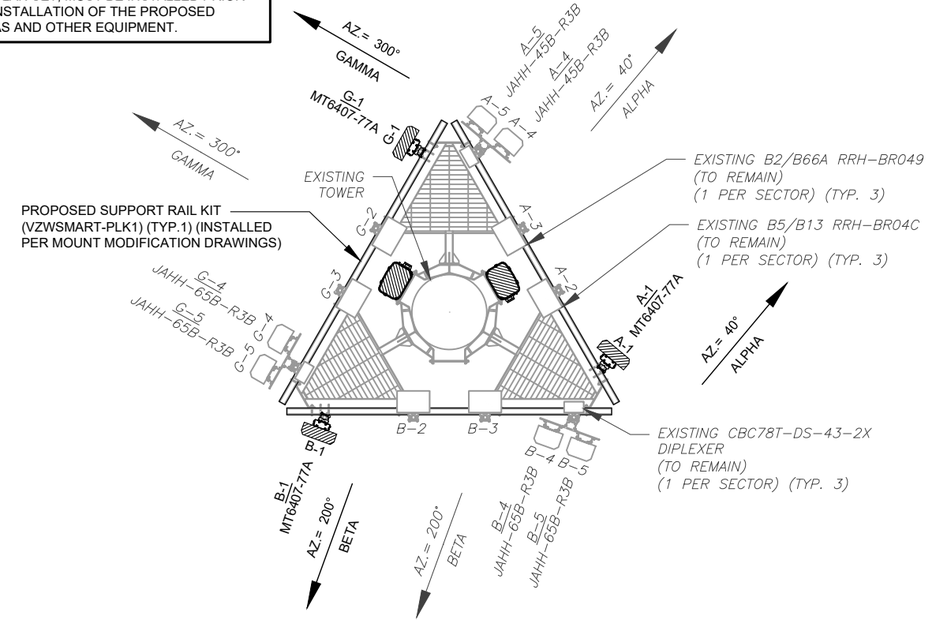
TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	0



1 EXISTING ANTENNA PLAN
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING CONNECTICUT, DATED 06/11/21, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.



2 FINAL ANTENNA PLAN
SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	106'	40°	A2	–	–	–	–	B5/B13 RRH–BR04C	RMN
			A3	–	–	–	–	B2/B66A RRH–BR049	RMN
			A4	JAHH–45B–R3B	700/850/1900/AWS	0/13,9,2,2	RMN	CBC78T–DS–43–2X	RMN
			A5	JAHH–45B–R3B	700/850/1900/AWS	0/13,9,2,2	RMN	–	–
BETA	106'	200°	B2	–	–		–	B5/B13 RRH–BR04C	RMN
			B3	–	–	–	–	B2/B66A RRH–BR049	RMN
			B4	JAHH–65B–R3B	700/850/1900/AWS	0/8,8,2,2	RMN	CBC78T–DS–43–2X	RMN
			B5	JAHH–65B–R3B	700/850/1900/AWS	0/8,8,2,2	RMN	–	–
GAMMA	106'	300°	C2	–	–	–	–	B5/B13 RRH–BR04C	RMN
			C3	–	–	–	–	B2/B66A RRH–BR049	RMN
			C4	JAHH–65B–R3B	700/850/1900/AWS	0/8,8,2,2	RMN	CBC78T–DS–43–2X	RMN
			C5	JAHH–65B–R3B	700/850/1900/AWS	0/8,8,2,2	RMN	–	–

NOTES

1. CONFIRM WITH VERIZON REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
2. CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.

STATUS ABBREVIATIONS

RMV: TO BE REMOVED
RMN: TO REMAIN
REL: TO BE RELOCATED
ADD: TO BE ADDED

CABLE LENGTHS FOR JUMPERS

JUNCTION BOX TO RRU: 15'
RRU TO ANTENNA: 10'

FINAL ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	106'	40°	A1	MT6407-77A	5G	0/6	ADD	MT6407-77A	ADD
			A2	-	-	-	-	B5/B13 RRH-BR04C	RMN
			A3	-	-	-	-	B2/B66A RRH-BR049	RMN
			A4	JAHH-45B-R3B	700/850/1900/AWS	0/13,9,2,2	RMN	CDC78T-DS-43-2X	RMN
			A5	JAHH-45B-R3B	700/850/1900/AWS	0/13,9,2,2	RMN	-	-
BETA	106'	200°	B1	MT6407-77A	5G	0/6	-	MT6407-77A	ADD
			B2	-	-	-	-	B5/B13 RRH-BR04C	RMN
			B3	-	-	-	-	B2/B66A RRH-BR049	RMN
			B4	JAHH-65B-R3B	700/850/1900/AWS	0/8,8,2,2	RMN	CDC78T-DS-43-2X	RMN
			B5	JAHH-65B-R3B	700/850/1900/AWS	0/8,8,2,2	RMN	-	-
GAMMA	106'	300°	C1	MT6407-77A	5G	0/6	-	MT6407-77A	ADD
			C2	-	-	-	-	B5/B13 RRH-BR04C	RMN
			C3	-	-	-	-	B2/B66A RRH-BR049	RMN
			C4	JAHH-65B-R3B	700/850/1900/AWS	0/8,8,2,2	RMN	CDC78T-DS-43-2X	RMN
			C5	JAHH-65B-R3B	700/850/1900/AWS	0/8,8,2,2	RMN	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) OVP–6	RMV	–	(2) 1–5/8" 6X12	RMV

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) OVP-6	ADD	-	(2) 1-5/8" 6X12	ADD

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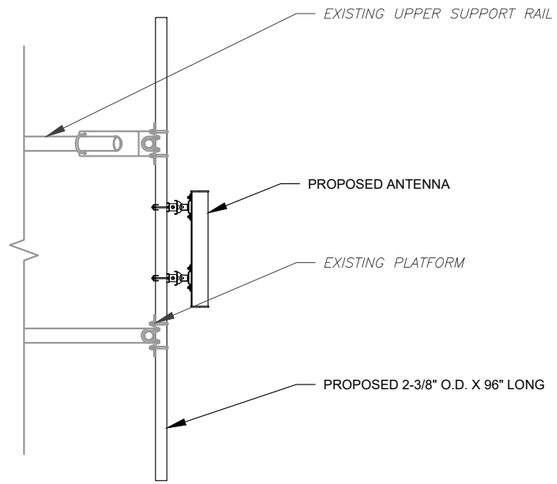
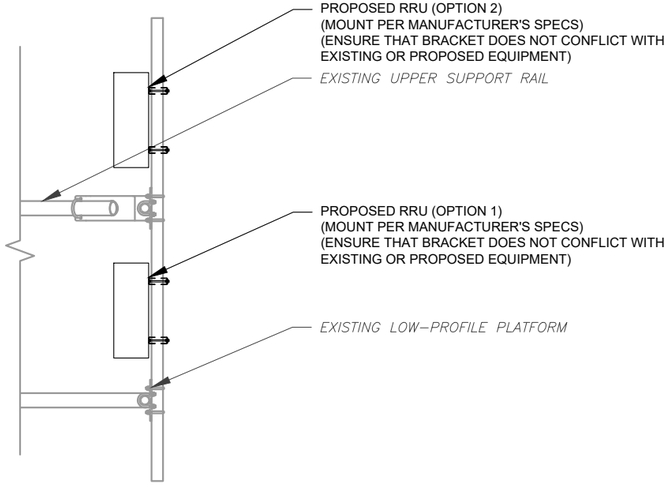
CUSTOMER ID:	NAUGATUCK WEST CT
CUSTOMER #:	469151

ANTENNA INFORMATION & SCHEDULE

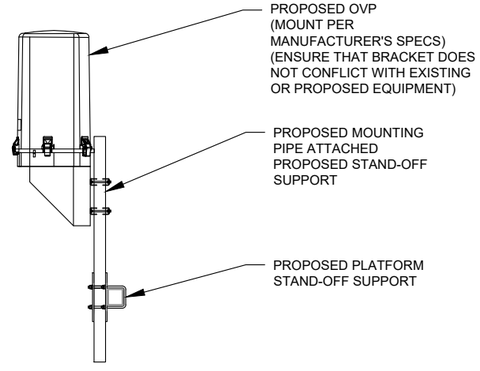
SHEET NUMBER:	REVISION:
C-401	0



1 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL
SCALE: N.T.S.



2 PROPOSED RRU MOUNTING DETAIL - TYPICAL
SCALE: N.T.S.



3 PROPOSED OVP MOUNTING
SCALE: N.T.S.

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verizon

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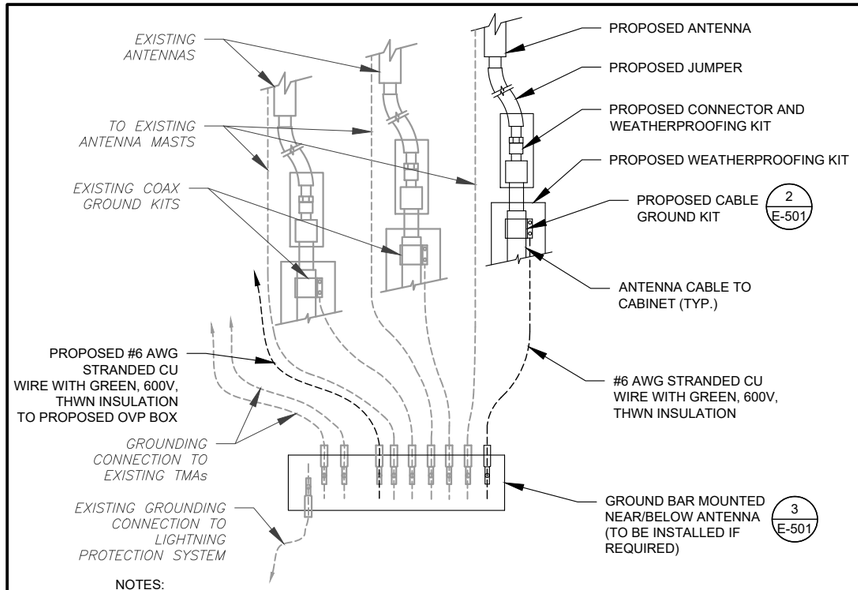
CUSTOMER #:	469151

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

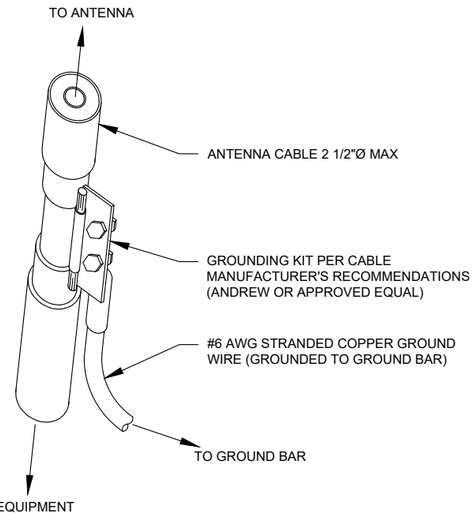


NOTES:

1. THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
2. SITE GROUNDING SHALL COMPLY WITH VERIZON GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

1 TYPICAL ANTENNA GROUNDING DIAGRAM

SCALE: N.T.S.

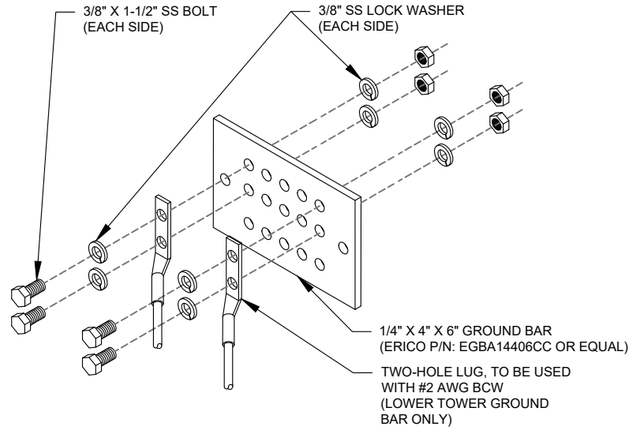


GROUND KIT NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

2 CABLE GROUND KIT CONNECTION DETAIL

SCALE: N.T.S.



GROUND BAR NOTES:

1. GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
2. GROUND BAR TO BE BONDED DIRECTLY TO TOWER.

3 TOWER GROUND BAR DETAIL

SCALE: N.T.S.

AMERICAN TOWER®
A.T. ENGINEERING SERVICE, PLLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
COA: PEC.0001553

REV.	DESCRIPTION	BY	DATE
A	PRELIM	MR	05/28/21
0	FINAL	EMA	06/28/21

ATC SITE NUMBER:
283423

ATC SITE NAME:
NAUGATUCK CT

VERIZON SITE NAME:
NAUGATUCK WEST CT

SITE ADDRESS:
880 ANDREW MOUNTAIN ROAD
NAUGATUCK, CT 06770-3656

SEAL:

verizon

DATE DRAWN:	05/27/21
ATC JOB NO:	13668711_D1
CUSTOMER ID:	NAUGATUCK WEST CT
CUSTOMER #:	469151

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
856.797.0412
Peter.Albano@colliersengineering.com

Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10068865
Maser Consulting Connecticut Project #: 21777437A

June 11, 2021

Site Information

Site ID:	*469151-VZW / NAUGATUCK WEST CT*
Site Name:	*NAUGATUCK WEST CT*
Carrier Name:	*Verizon Wireless*
Address:	*880 Andrew Mountain Rd* *Naugatuck, Connecticut 06770* *New Haven County*
Latitude:	*41.484453°*
Longitude:	*-73.089844°*

Structure Information

Tower Type:	*Monopole*
Mount Type:	*12.50-Ft Platform*

FUZE ID # 16244107

Analysis Results

Platform: **42.5% Pass**

******Contractor PMI Requirements:***
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
Contractor - Please Review Specific Site PMI Requirements Upon Award
Requirements also Noted on Mount Modification Drawings
Requirements may also be Noted on A & E drawings

Report Prepared By: Abigail Enriquez

STATE OF CONNECTICUT · DEJIAN XU · NO. 33733 · LICENSED PROFESSIONAL ENGINEER
06/11/2021

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:
   - Channel, Solid Round, Angle, Plate — ASTM A36 (Gr. 36)
   - HSS (Rectangular) — ASTM 500 (Gr. B-46)
   - Pipe — ASTM A53 (Gr. B-35)
   - Threaded Rod — F1554 (Gr. 36)
   - 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
Mod Support Rail Corner	*28.4%*	*Pass*
Mod Support Rail	*18.7%*	*Pass*
Mount Pipe	*40.3%*	*Pass*
Face Horizontal	*14.0%*	*Pass*
Corner Plate	*14.8%*	*Pass*
Cross Arm Plate	*31.4%*	*Pass*
Grating Support	*9.4%*	*Pass*
Platform Crossmember	*15.7%*	*Pass*
Standoff Horizontal	*32.9%*	*Pass*
Connection Check	*42.5%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**42.5%**

Recommendation:

The existing mount will be **SUFFICIENT** for the final loading after the proposed modifications 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.

1 MOUNT ANALYSIS

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. PLEASE REFERENCE THE MOUNT ANALYSIS REPORT FOR COMPLETE MOUNT ANALYSIS CALCULATIONS AND DETAILS. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY. GENERAL CONTRACTOR IS TO VERYIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONTRUCTION.

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CUSTOMER ID:	NAUGATUCK WEST CT
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SUPPLEMENTAL

SHEET NUMBER:
R-601

PROJECT NOTES

1. SEE MODIFICATION NOTES
2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIES OR OTHER PUBLIC/GOVERNING AUTHORITIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACILITY AS TO CAUSE A NUISANCE.
11. THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQUIRED).

MOUNT MODIFICATION DRAWINGS
EXISTING 12.50' PLATFORM

SITE NAME: NAUGATUCK WEST CT
SITE NUMBER: 469151

880 ANDREW MOUNTAIN RD
NAUGATUCK, CT 06770
NEW HAVEN COUNTY

PROJECT INFORMATION

SITE INFORMATION

LATITUDE:	41.484453° N
LONGITUDE:	73.089844° W
JURISDICTION:	NEW HAVEN COUNTY

APPLICANT/LESSEE

COMPANY:	VERIZON WIRELESS

CLIENT REPRESENTATIVE

COMPANY:	VERIZON WIRELESS
ADDRESS:	118 FLANDERS ROAD, THIRD FLOOR
CITY, STATE, ZIP:	WESTBOROUGH, MA 01581
CONTACT:	ANDREW CANDIELLO
EMAIL:	ANDREW.CANDIELLO@VERIZONWIRELESS.COM

PROJECT MANAGER

COMPANY:	MASER CONSULTING
CONTACT:	PETER ALBANO
PHONE:	(856) 797-0412
E-MAIL:	PETER.ALBANO@COLLIERSENGINEERING.COM

SHEET INDEX

SHEET	DESCRIPTION
T-1	TITLE SHEET
S-1	BILL OF MATERIALS
S-2	MODIFICATION NOTES
S-3	MODIFICATION NOTES
S-4	MODIFICATION DETAILS
S-5	MODIFICATION DETAILS
S-6	MOUNT PHOTOS
	SPECIFICATION SHEETS

CONTRACTOR PMI REQUIREMENTS

PMI LOCATION:	HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #:	10068865
VZW LOCATION CODE (PSLC):	469151
FUZE ID:	16244107

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

REFERENCED DOCUMENTS

FAILING MOUNT ANALYSIS REPORT

SMART TOOL PROJECT #:	10050381
MASER CONSULTING PROJECT #:	21777437A
ANALYSIS DATE:	5/5/2021

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SCALE:	JOB NUMBER:
AS SHOWN	21777437A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	6/11/2021	ISSUED FOR CONSTRUCTION	JRF	DX

STATE OF CONNECTICUT
DEJIAN XU
LICENSED PROFESSIONAL ENGINEER
LICENSE NO. 33733
MASER CONSULTING
06/11/2021

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SITE NAME:
NAUGATUCK WEST CT
469151
880 ANDREW MOUNTAIN RD
NAUGATUCK, CT 06770
NEW HAVEN COUNTY

MASER CONSULTING CONNECTICUT
2000 Midlantic Drive
Suite 100
Mt. Laurel, NJ 08054
Phone: 815.797.0412

SHEET TITLE: TITLE SHEET

SHEET NUMBER: T-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

M:\Jobs\ 16616\469151 - NAUGATUCK WEST CT_Phase Mod Drawings_210609.dwg(T1 By: JPAGER

BILL OF MATERIALS

VZWSMART KITS				
QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES
1	VZWSMART	VZWSMART-PLK1	SUPPORT RAIL KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET S-2

OTHER REQUIRED PARTS				
QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES

NOTE: ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR

VZWSMART KITS - APPROVED VENDORS	
COMMSCOPE	
CONTACT	SALVADOR ANGUIANO
PHONE	(817) 304-7492
EMAIL	SALVADOR.ANGUIANO@COMMSCOPE.COM
WEBSITE	WWW.COMMSCOPE.COM
METROSITE FABRICATORS, LLC	
CONTACT	KENT RAMEY
PHONE	(706) 335-7045 (O), (706) 982-9788 (M)
EMAIL	KENT@METROSITELLC.COM
WEBSITE	METROSITEFABRICATORS.COM
PERFECTVISION	
CONTACT	WIRELESS SALES
PHONE	(844) 887-6723
EMAIL	WWW.PERFECT-VISION.COM
WEBSITE	WIRELESSSALES@PERFECT-VISION.COM
SABRE INDUSTRIES, INC.	
CONTACT	ANGIE WELCH
PHONE	(866) 428-6937
EMAIL	AKWELCH@SABREINDUSTRIES.COM
WEBSITE	WWW.SABRESITESOLUTIONS.COM
SITE PRO 1	
CONTACT	PAULA BOSWELL
PHONE	(972) 236-9843
EMAIL	PAULA.BOSWELL@VALMONT.COM
WEBSITE	WWW.SITEPRO1.COM

NOTE: WHEN SPECIFIED, VZWSMART KITS SHALL BE REQUIRED AND WILL BE VERIFIED DURING THE DESKTOP PMI

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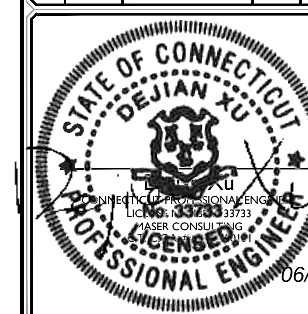

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2000 Midlantic Drive
Suite 100
Mt. Laurel, NJ 08054
Phone: 815.797.0412

SHEET TITLE : BILL OF MATERIALS

SHEET NUMBER : S-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

GENERAL NOTES

1. 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.
2. 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.
3. 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.
4. IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
5. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
6. 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 ANSI/TIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSI/TIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
8. 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.
9. 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, ANSI/TIA-322.
10. 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.
11. 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.
12. DO NOT SCALE DRAWINGS.
13. DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
14. 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.
15. THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

DESIGN LOADS

WIND LOADS

a. BASIC WIND SPEED (3 SECOND GUST), V = 117 MPH

b. EXPOSURE CATEGORY B

c. TOPOGRAPHIC CATEGORY 1

d. MEAN BASE ELEVATION (AMSL) = 854.54'

ICE LOADS

a. ICE WIND SPEED (3 SECOND GUST), V = 50 MPH

b. ICE THICKNESS = 1.00 IN

SEISMIC LOADS

a. SEISMIC DESIGN CATEGORY B

b. SHORT TERM MCER GROUND MOTION, S_S = .196

c. LONG TERM MCER GROUND MOTION, S_1 = .054

STRUCTURAL STEEL

1. DESIGN, DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
   a. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (15TH EDITION)
   b. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS
   c. AISC CODE OF STANDARD PRACTICE
2. 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

3. 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.
4. PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
   a. SUBMIT SHOP DRAWINGS TO PETER.ALBANO@COLLIERSENGINEERING.COM
   b. PROVIDE MASER CONSULTING PROJECT # AND MASER CONSULTING PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
5. 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.
6. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
7. 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.
8. 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.
9. 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.
10. FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.
11. 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.
12. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
13. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
14. 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).
15. ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.

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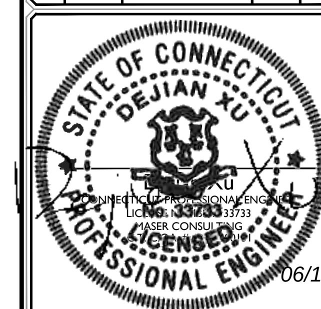

06/11/2021

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469151

880 ANDREW MOUNTAIN RD
NAUGATUCK, CT 06770
NEW HAVEN COUNTY

MASER CONSULTING
CONNECTICUT
2000 Midlantic Drive
Suite 100
Mt. Laurel, NJ 08054
Phone: 815.797.0412

SHEET TITLE :
MODIFICATION NOTES

SHEET NUMBER :
S-2

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

MODIFICATION INSPECTION NOTES

MI CHECKLIST	
CONSTRUCTION/ INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY EOR)	REPORT ITEM
PRE-CONSTRUCTION	
X	MI CHECKLIST DRAWING
X	EOR APPROVED SHOP DRAWINGS
NA	FABRICATION INSPECTION
NA	FABRICATOR CERTIFIED WELD INSPECTION
X	MATERIAL TEST REPORT (MTR)
NA	FABRICATOR NDE INSPECTION
X	PACKING SLIPS
ADDITIONAL TESTING AND INSPECTIONS:	
CONSTRUCTION	
X	CONSTRUCTION INSPECTIONS
NA	CONTRACTOR'S CERTIFIED WELD INSPECTION AND NDE REPORTS
X	ON SITE COLD GALVANIZING VERIFICATION
X	GC AS-BUILT DOCUMENTS
ADDITIONAL TESTING AND INSPECTIONS:	
POST-CONSTRUCTION	
X	MI INSPECTOR REDLINE OR RECORD DRAWING(S)
X	VZW PMI DOCUMENTS
X	PHOTOGRAPHS
ADDITIONAL TESTING AND INSPECTIONS:	

NOTE: X DENOTES A DOCUMENT REQUIRED FOR THE MI REPORT
NA DENOTES A DOCUMENT THAT IS NOT REQUIRED FOR THE MI REPORT

THE MODIFICATION INSPECTION (MI) IS A VISUAL INSPECTION OF MODIFICATIONS AND A REVIEW OF CONSTRUCTION INSPECTIONS AND OTHER REPORTS TO ENSURE THE INSTALLATION WAS CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, NAMELY THE MODIFICATION DRAWINGS, AS DESIGNED BY THE ENGINEER OF RECORD (EOR).

THE MI IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AND IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF, NOR DOES THE MI INSPECTOR TAKE OWNERSHIP OF THE MODIFICATION DESIGN. OWNERSHIP OF THE STRUCTURAL MODIFICATION DESIGN EFFECTIVENESS AND INTEGRITY RESIDES WITH THE EOR AT ALL TIMES.

TO ENSURE THAT THE REQUIREMENTS OF THE MI ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MI INSPECTOR BEGIN COMMUNICATING AND COORDINATING AS SOON AS A PURCHASE ORDER (PO) IS RECEIVED. IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY.

MI INSPECTOR

THE MI INSPECTOR IS REQUIRED TO CONTACT THE GC AS SOON AS RECEIVING A PO FOR THE MI TO, AT A MINIMUM:

- REVIEW THE REQUIREMENTS OF THE MI CHECKLIST
- WORK WITH THE GC TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE INSPECTIONS

THE MI INSPECTOR IS RESPONSIBLE FOR COLLECTING ALL GC INSPECTION AND TEST REPORTS, REVIEWING THE DOCUMENTS FOR ADHERENCE TO THE CONTRACT DOCUMENTS, CONDUCTING THE IN-FIELD INSPECTIONS, AND SUBMITTING THE MI REPORT TO EOR.

GENERAL CONTRACTOR

THE GC IS REQUIRED TO CONTACT THE MI INSPECTOR AS SOON AS RECEIVING A PO FOR THE MODIFICATION INSTALLATION OR TURNKEY PROJECT TO, AT A MINIMUM:

- REVIEW THE REQUIREMENTS OF THE MI CHECKLIST
- WORK WITH THE MI INSPECTOR TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE MI INSPECTIONS, INCLUDING FOUNDATION INSPECTIONS
- BETTER UNDERSTAND ALL INSPECTION AND TESTING REQUIREMENTS

THE GC SHALL PERFORM AND RECORD THE TEST AND INSPECTION RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE MI CHECKLIST.

RECOMMENDATIONS

THE FOLLOWING RECOMMENDATIONS AND SUGGESTIONS ARE OFFERED TO ENHANCE THE EFFICIENCY AND EFFECTIVENESS OF DELIVERING AN MI REPORT:

- IT IS SUGGESTED THAT THE GC PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE, PREFERABLY 10, TO THE MI INSPECTOR AS TO WHEN THE SITE WILL BE READY FOR THE MI TO BE CONDUCTED.
- THE GC AND MI INSPECTOR COORDINATE CLOSELY THROUGHOUT THE ENTIRE PROJECT.
- WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE SIMULTANEOUSLY FOR ANY GUY WIRE TENSIONING OR RE-TENSIONING OPERATIONS.
- IT MAY BE BENEFICIAL TO INSTALL ALL MODIFICATIONS PRIOR TO CONDUCTING THE FOUNDATION INSPECTIONS TO ALLOW THE FOUNDATION AND MI INSPECTION(S) TO COMMENCE WITH ONE SITE VISIT.
- WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE DURING THE MI TO HAVE ANY DEFICIENCIES CORRECTED DURING THE INITIAL MI. THEREFORE, THE GC MAY CHOOSE TO COORDINATE THE MI CAREFULLY TO ENSURE ALL CONSTRUCTION FACILITIES ARE AT THEIR DISPOSAL WHEN THE MI INSPECTOR IS ON SITE.

CORRECTION OF FAILING MI'S

IF THE MODIFICATION INSTALLATION WOULD FAIL THE MI ("FAILED MI"), THE GC SHALL WORK WITH THE OWNER TO COORDINATE A REMEDIATION PLAN:

- CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL CONTRACT DOCUMENTS AND COORDINATE A SUPPLEMENT MI.

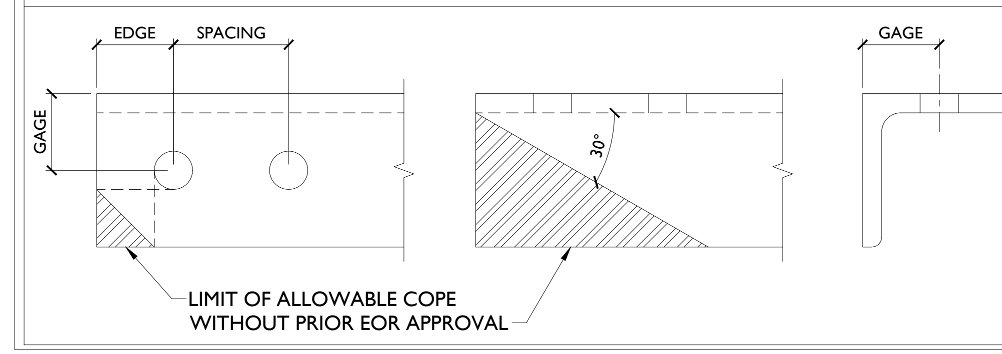
REQUIRED PHOTOS

BETWEEN THE GC AND THE MI INSPECTOR THE FOLLOWING PHOTOGRAPHS, AT A MINIMUM, ARE TO BE TAKEN AND INCLUDED IN THE MI REPORT:

- PRE-CONSTRUCTION GENERAL SITE CONDITION
- PHOTOGRAPHS DURING THE REINFORCEMENT MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION
  - RAW MATERIALS
  - PHOTOS OF ALL CRITICAL DETAILS
  - FOUNDATION MODIFICATIONS
  - WELD PREPARATION
  - BOLT INSTALLATION
  - FINAL INSTALLED CONDITION
  - SURFACE COATING REPAIR
- POST CONSTRUCTION PHOTOGRAPHS
  - FINAL INFIELD CONDITION

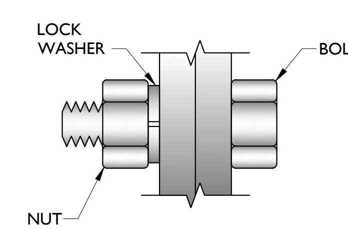
PHOTOS OF ELEVATED MODIFICATIONS TAKEN ONLY FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.

ALLOWABLE COPING



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:

1. 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.
2. THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
3. SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
4. MATCH EXISTING GAGES WHEN APPLICABLE, UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.

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STATE OF CONNECTICUT DEJIAN XU LICENSED PROFESSIONAL ENGINEER
06/11/2021

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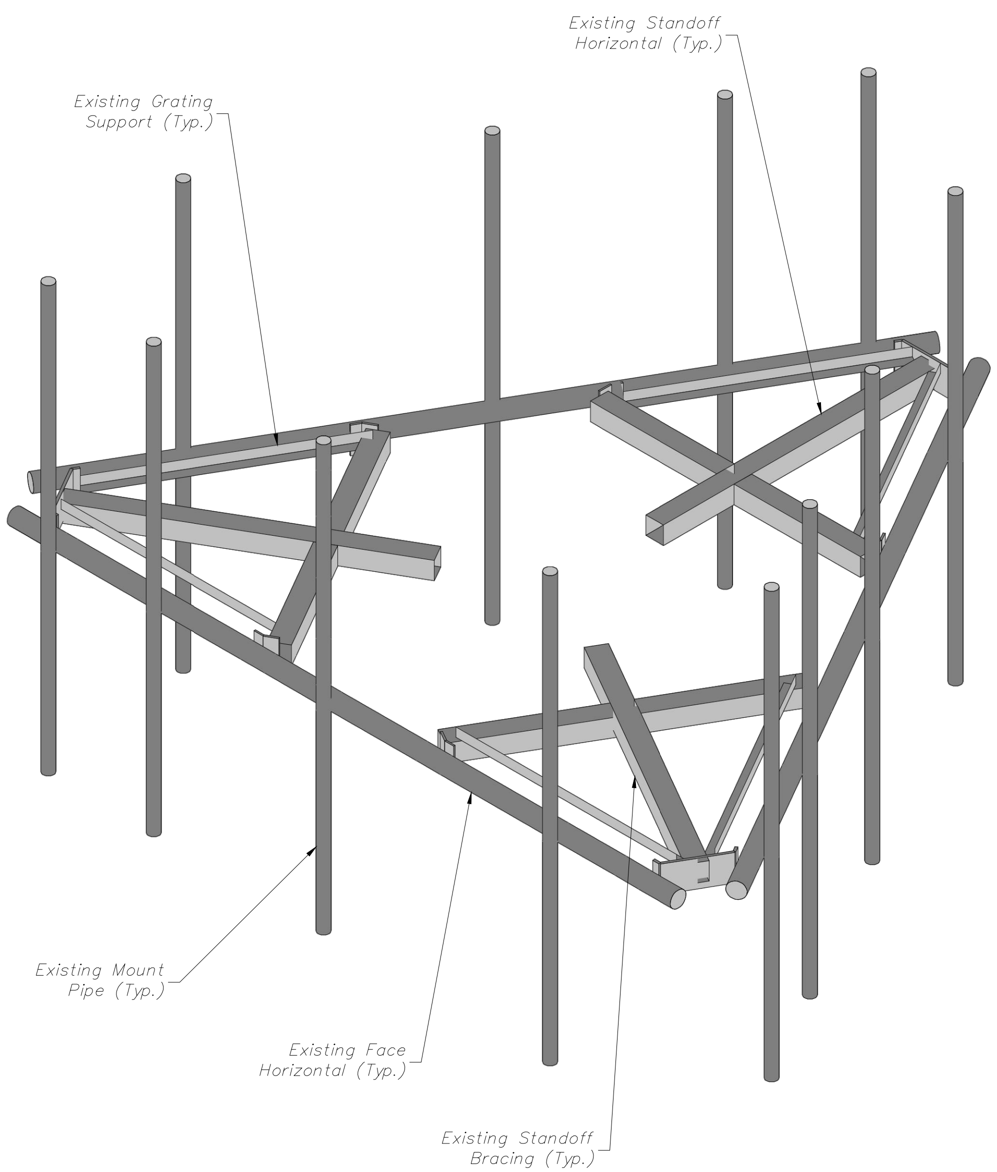
SITE NAME:
NAUGATUCK WEST CT
469151
880 ANDREW MOUNTAIN RD
NAUGATUCK, CT 06770
NEW HAVEN COUNTY

MASER CONSULTING CONNECTICUT
2000 Midlantic Drive
Suite 100
Mt. Laurel, NJ 08054
Phone: 815.797.0412

SHEET TITLE : MODIFICATION NOTES

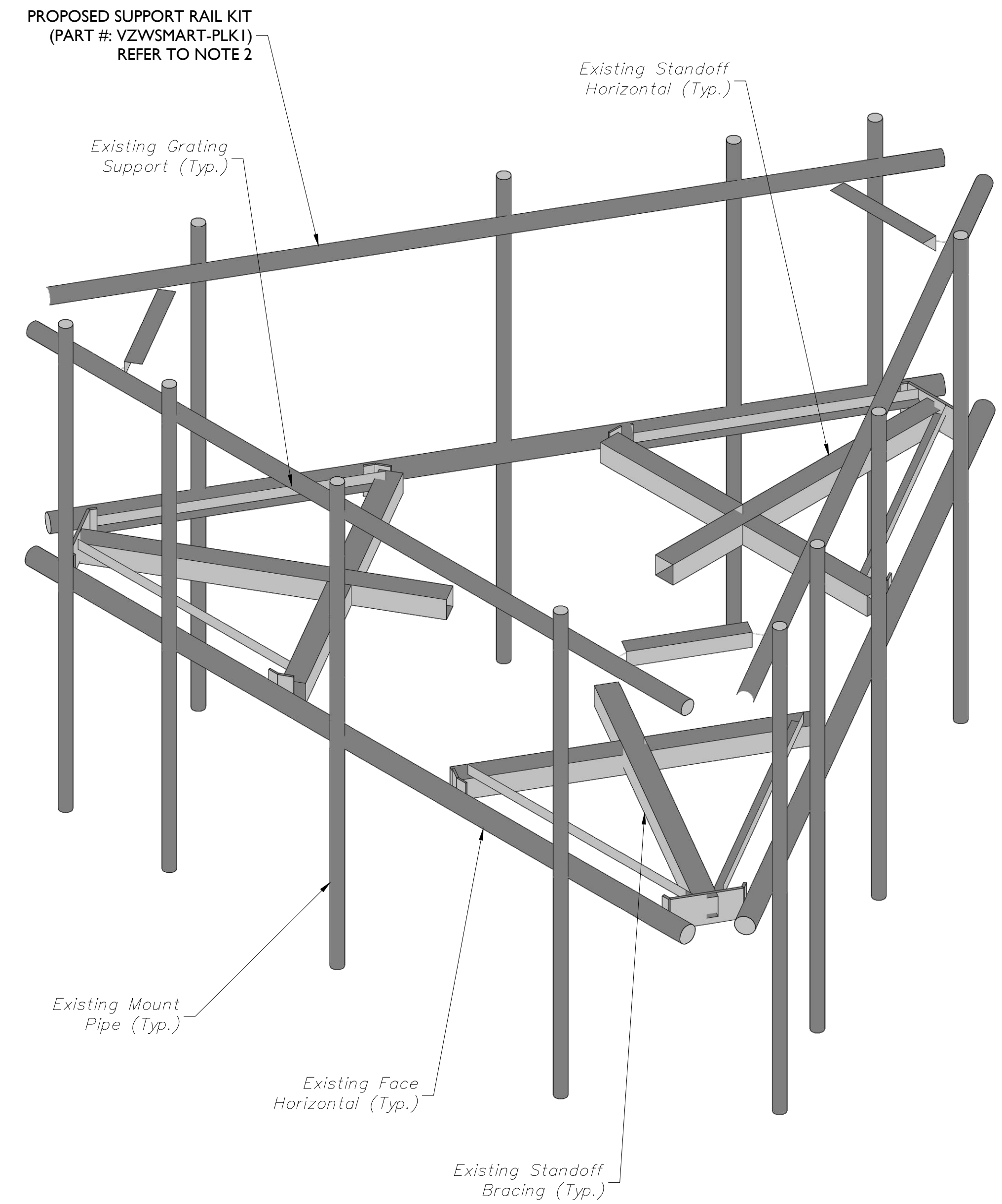
SHEET NUMBER : S-3

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



1 **EXISTING PLATFORM ISOMETRIC VIEW**

SCALE : N.T.S.



2 **PROPOSED PLATFORM ISOMETRIC VIEW**

SCALE : N.T.S.

STRUCTURAL NOTES:

1. PER THE MOUNT MAPPING COMPLETED BY RKS DESIGN AND ENGINEERING LLC ON 3/30/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (103'-10") ARE IN GOOD CONDITION. MASER 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.

MODIFICATION NOTES:

1. MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
2. 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.

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STATE OF CONNECTICUT DEJIAN XU No. 33733 LICENSED PROFESSIONAL ENGINEER

06/11/2021

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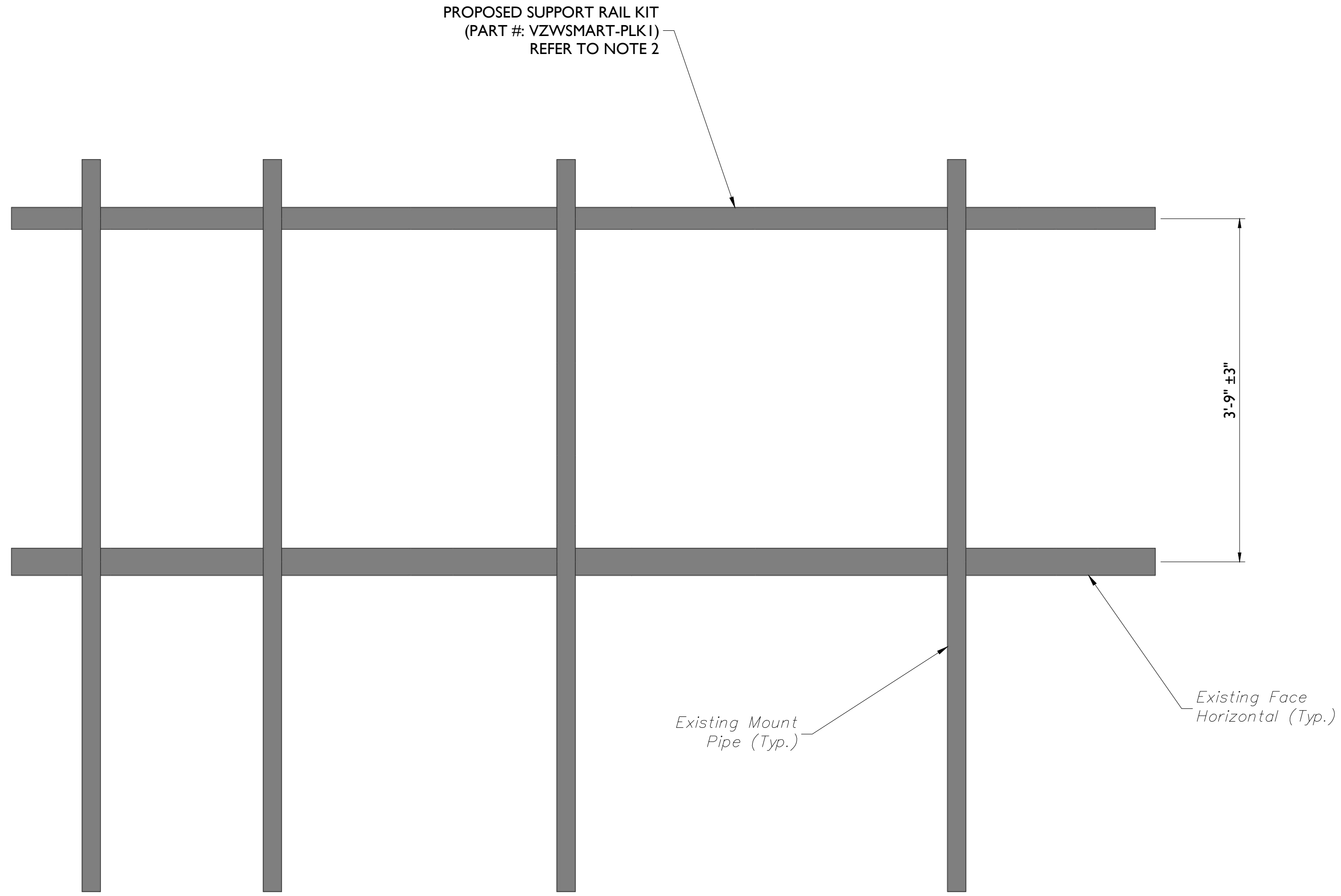
Phone: 815.797.0412

SHEET TITLE :
MODIFICATION DETAILS

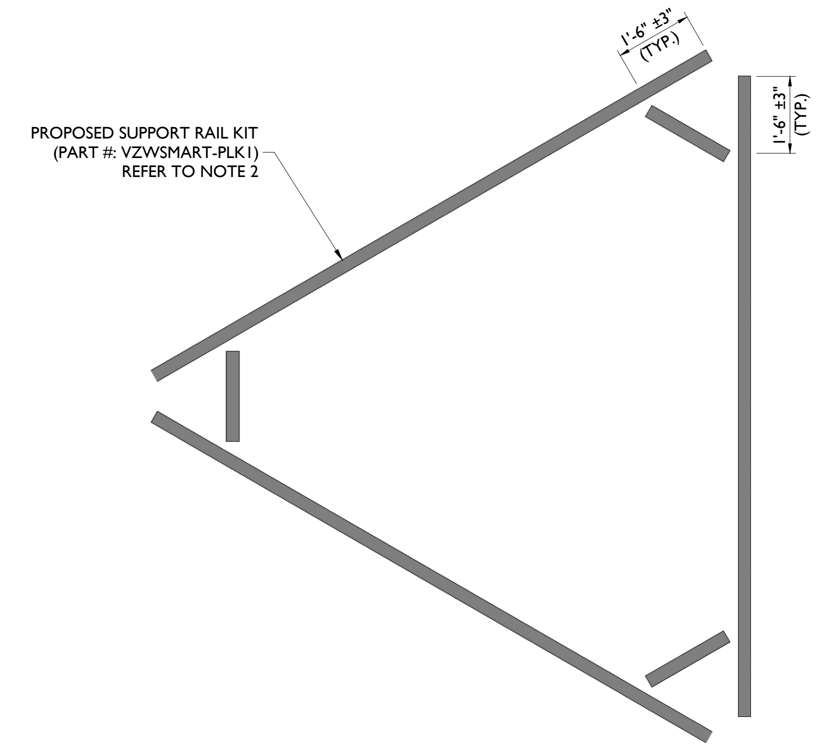
SHEET NUMBER :
S-4

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



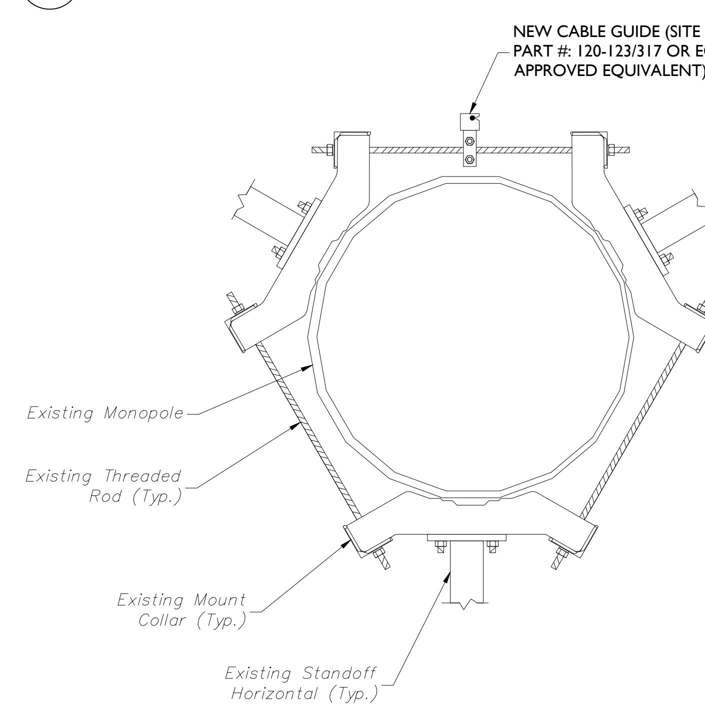
1 PROPOSED FRONT ELEVATION VIEW (TYP. EACH SECTOR)

SCALE : N.T.S.



2 PROPOSED FRAME PLAN VIEW

SCALE : N.T.S.



3 PROPOSED THREADED ROD SAFETY CLIMB ATTACHMENT

SCALE : N.T.S.

MODIFICATION NOTES:

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No. 33733
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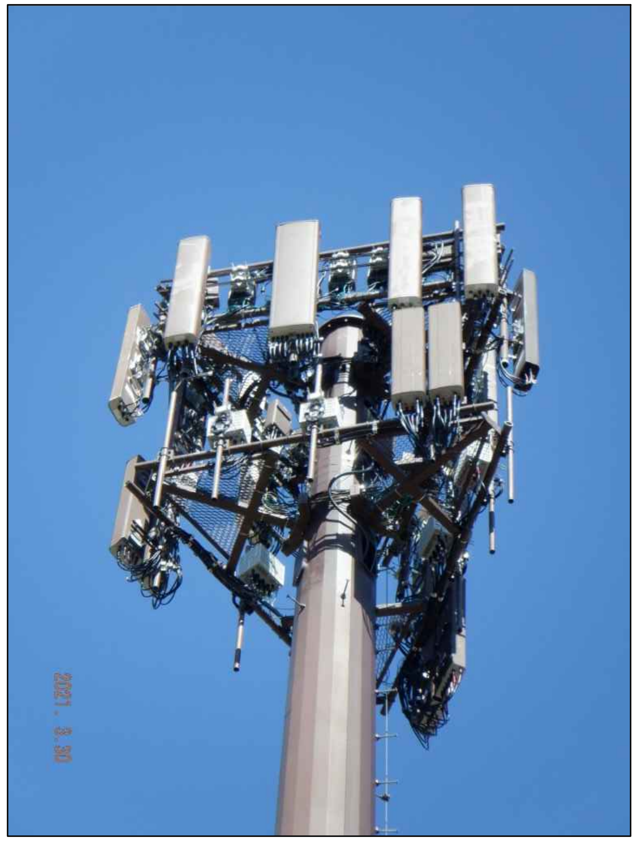
SHEET TITLE :
MODIFICATION DETAILS

SHEET NUMBER :
S-5

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



MOUNT PHOTO 1

MOUNT PHOTO 2

MOUNT PHOTO 3

MOUNT PHOTO 4

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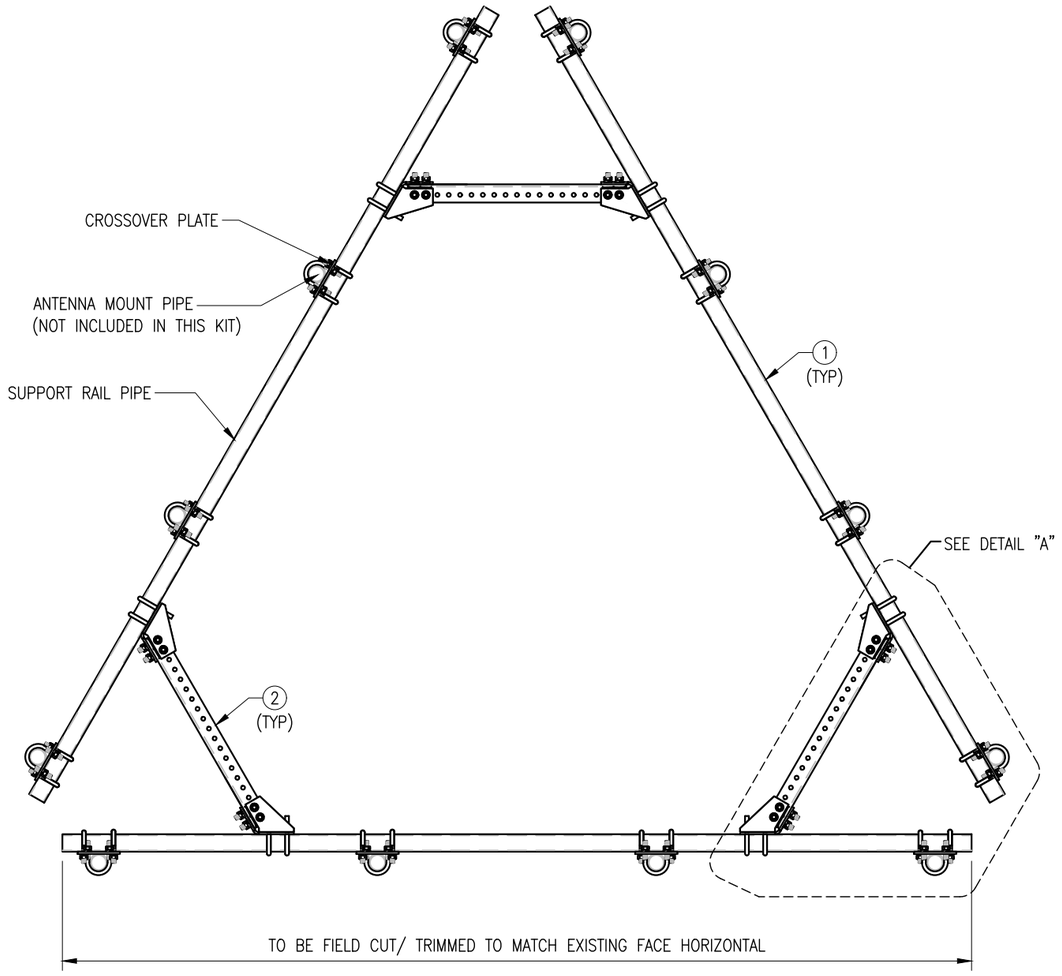
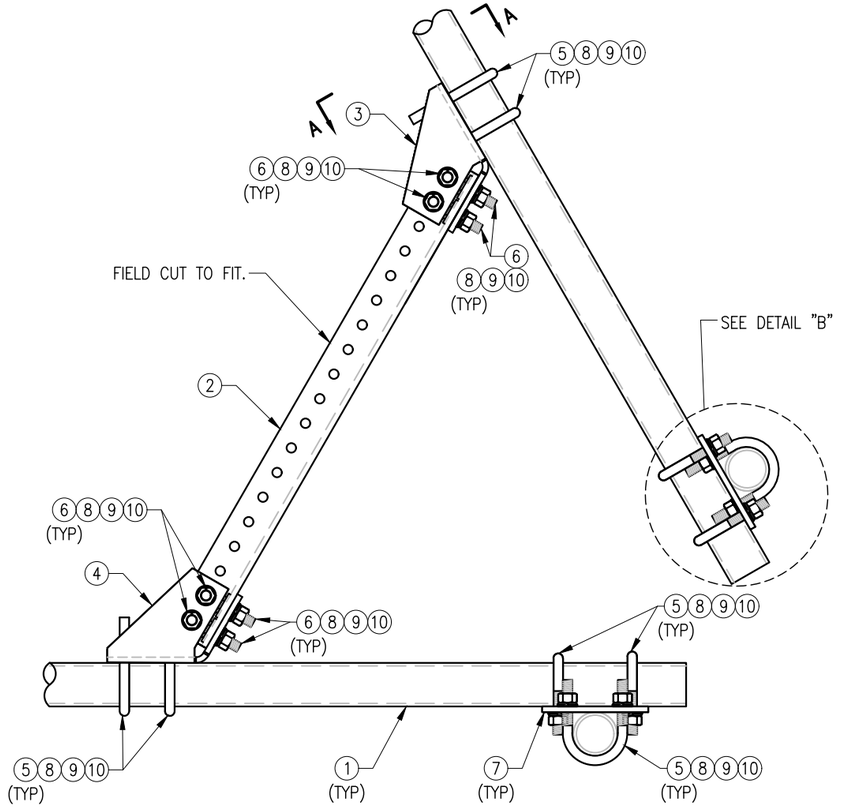
SHEET TITLE :
MOUNT PHOTOS

SHEET NUMBER :
S-6

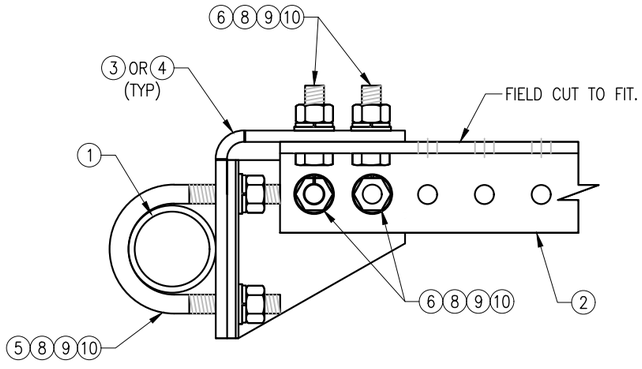
NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



PLAN VIEW



DETAIL "A"



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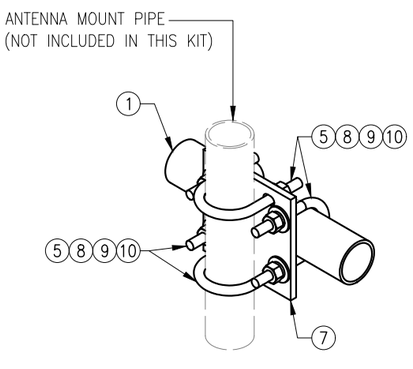

DETAIL "B"

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

VZW SMART–PLK1 (SUPPORT RAIL KIT)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	3	PST2875–12.5	2.5" PST (2.875" O.D. X 0.203" THK.) X 12'–6" A53 GR–B	PLK1–F1	292
2	3	L33375–3	L 3" X 3" X 3/8" X 3'–0" A36	PLK1–F1	66
3	3	CBP–L	CORNER BENT PLATE BRACKET	PLK1–F2	28
4	3	CBP–R	CORNER BENT PLATE BRACKET	PLK1–F2	28
5	60	MS02–625–300–500	RU–BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC–1	82
6	24	---	BOLT 5/8" X 2" A325	---	9
7	12	PL375–857	PL 3/8" X 8 1/2" X 7'–0" A36	PLK1–F3	77
8	144	FW–625	5/8" HDG USS FLAT WASHER	---	12
9	144	LW–625	5/8" HDG LOCK WASHER	---	3
10	144	NUT–625	5/8" HDG HEX NUT	---	17
				GALVANIZED WT	504

VzW SMART Tool© Vendor

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DRAWN BY: H.R | CHECKED BY: HMA

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	H.R	05/08/20

SHEET TITLE:

VZWSMART–PLK1
SUPPORT RAIL KIT

SHEET NUMBER: VZWSMART–PLK1

REV #: 0